

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050887.D
 Acq On : 27 Aug 2018 10:19
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 12:20:21 PM

Quant Time: Aug 28 02:04:18 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	894595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	833160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	378866	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.59	113	364863	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.09	98	1383176	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	468483	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	472100	53.98	ug/l	100
3) Chloromethane	2.06	50	512204	47.48	ug/l	99
4) Vinyl Chloride	2.18	62	503636	49.29	ug/l	100
5) Bromomethane	2.56	94	287163	49.44	ug/l	99
6) Chloroethane	2.70	64	289365	49.01	ug/l	100
7) Trichlorofluoromethane	3.01	101	660132	50.45	ug/l	99
8) Diethyl Ether	3.41	74	221928	49.88	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	423426	51.80	ug/l	99
10) Methyl Iodide	3.95	142	332334	46.79	ug/l	99
11) Tert butyl alcohol	4.79	59	119595	238.72	ug/l	99
12) 1,1-Dichloroethene	3.73	96	372244	50.71	ug/l	100
13) Acrolein	3.61	56	82743	280.48	ug/l	96
14) Allyl chloride	4.32	41	578910	50.62	ug/l	100
15) Acrylonitrile	4.99	53	651422	255.86	ug/l	99
16) Acetone	3.82	43	519881	279.90	ug/l	98
17) Carbon Disulfide	4.05	76	1135043	46.13	ug/l	100
18) Methyl Acetate	4.33	43	373722	50.31	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	972259	52.66	ug/l	99
20) Methylene Chloride	4.55	84	423004	47.71	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	396873	49.99	ug/l	98
22) Diisopropyl ether	5.95	45	1217524	53.42	ug/l	99
23) Vinyl Acetate	5.90	43	3792845	258.39	ug/l	100
24) 1,1-Dichloroethane	5.85	63	728259	49.77	ug/l	100
25) 2-Butanone	6.84	43	752722	237.41	ug/l	100
26) 2,2-Dichloropropane	6.82	77	599157	50.96	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	438925	51.28	ug/l	99
28) Bromochloromethane	7.19	49	305267	49.09	ug/l	99
29) Tetrahydrofuran	7.21	42	468838	257.92	ug/l	100
30) Chloroform	7.37	83	723491	49.93	ug/l	100
31) Cyclohexane	7.65	56	666839	50.14	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	623056	50.06	ug/l	100
36) 1,1-Dichloropropene	7.79	75	571768	54.16	ug/l	99
37) Ethyl Acetate	6.93	43	322771	53.23	ug/l	99
38) Carbon Tetrachloride	7.77	117	558576	52.35	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	641601	56.18	ug/l	100
40) Benzene	8.04	78	1688631	53.05	ug/l	100
41) Methacrylonitrile	7.17	41	154809	47.17	ug/l	92
42) 1,2-Dichloroethane	8.12	62	498716	52.40	ug/l	99
43) Isopropyl Acetate	8.17	43	551310	52.88	ug/l	100
44) Trichloroethene	8.83	130	444727	52.97	ug/l	98
45) 1,2-Dichloropropane	9.12	63	438181	52.37	ug/l	100
46) Dibromomethane	9.21	93	259189	52.72	ug/l	99
47) Bromodichloromethane	9.40	83	559061	54.30	ug/l	99
48) Methyl methacrylate	9.20	41	286519	53.92	ug/l	100
49) 1,4-Dioxane	9.20	88	77749	1073.32	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1590604	255.64	ug/l	99
52) Toluene	10.16	92	1052887	55.83	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	555202	54.17	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	650424	55.42	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	366531	52.37	ug/l	99
56) Ethyl methacrylate	10.43	69	449998	49.45	ug/l	100
57) 1,3-Dichloropropane	10.71	76	622910	53.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1004456	252.68	ug/l	100
59) 2-Hexanone	10.75	43	1095833	264.56	ug/l	99
60) Dibromochloromethane	10.90	129	430128	54.89	ug/l	99
61) 1,2-Dibromoethane	11.01	107	363310	53.68	ug/l	100
64) Tetrachloroethene	10.63	164	406777	51.40	ug/l	99
65) Chlorobenzene	11.43	112	1145752	52.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	426582	53.54	ug/l	100
67) Ethyl Benzene	11.51	91	1970212	55.65	ug/l	99
68) m/p-Xylenes	11.62	106	1535594	114.27	ug/l	100
69) o-Xylene	11.95	106	729195	56.44	ug/l	100
70) Styrene	11.96	104	1182117	51.87	ug/l	100
71) Bromoform	12.13	173	299735	54.70	ug/l #	100
73) Isopropylbenzene	12.25	105	1955545	54.23	ug/l	100
74) N-amyl acetate	12.07	43	467354	51.58	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	458876	53.49	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	361312m	47.37	ug/l	
77) Bromobenzene	12.53	156	494973	50.51	ug/l	98
78) n-propylbenzene	12.59	91	2248954	55.83	ug/l	100
79) 2-Chlorotoluene	12.67	91	1325239	52.82	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1602176	55.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	119490	52.96	ug/l	99
82) 4-Chlorotoluene	12.77	91	1338524	54.04	ug/l	100
83) tert-Butylbenzene	12.99	119	1372462	54.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1638409	55.98	ug/l	100
85) sec-Butylbenzene	13.17	105	1851711	56.08	ug/l	100
86) p-Isopropyltoluene	13.29	119	1638565	58.24	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	872207	52.45	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	843887	51.56	ug/l	100
89) n-Butylbenzene	13.62	91	1316791	58.52	ug/l	99
90) Hexachloroethane	13.87	117	294318	54.87	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	833469	51.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61916	47.81	ug/l	96

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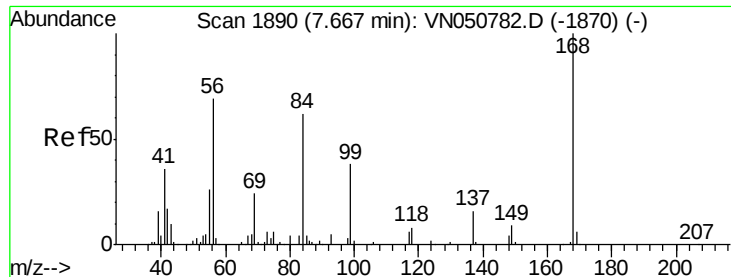
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	405073	48.65	ug/l	99
94) Hexachlorobutadiene	15.01	225	271290	57.20	ug/l	99
95) Naphthalene	15.13	128	753469	44.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	394862	50.44	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 653515

Ion Ratio Lower Upper

168 100

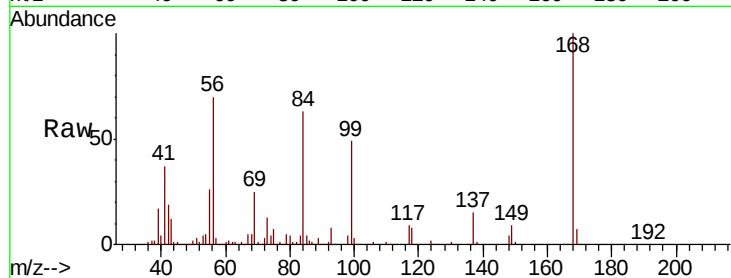
99 49.2 39.6 59.4

Manual Integrations

APPROVED

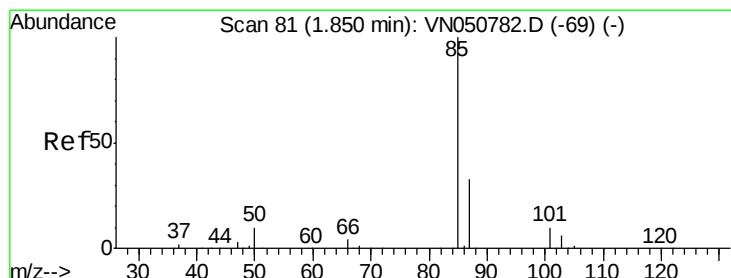
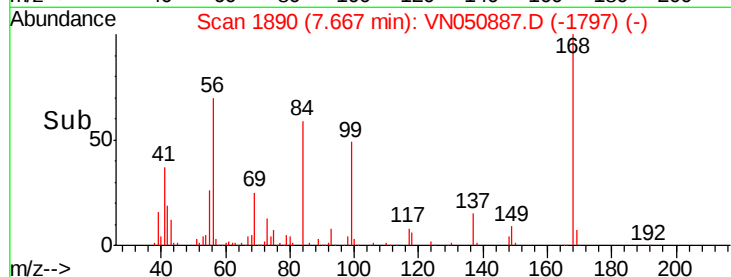
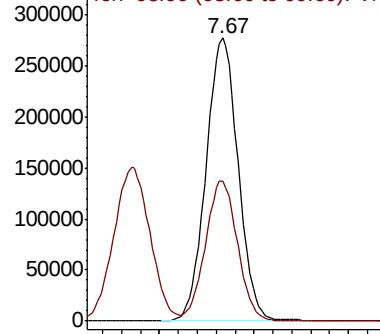
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 53.98 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050887.D

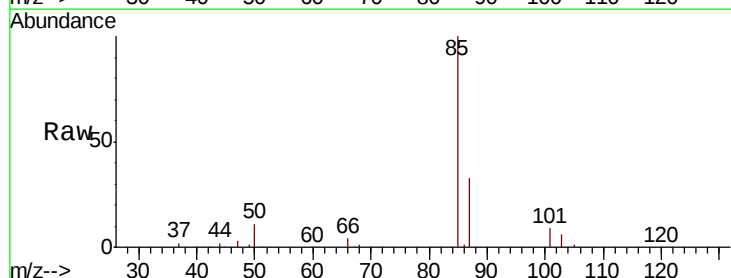
Acq: 27 Aug 2018 10:19

Tgt Ion: 85 Resp: 472100

Ion Ratio Lower Upper

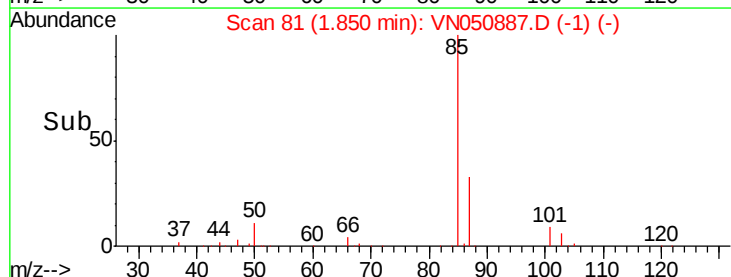
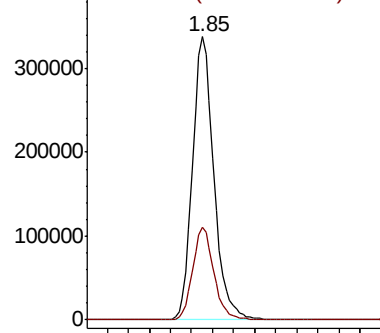
85 100

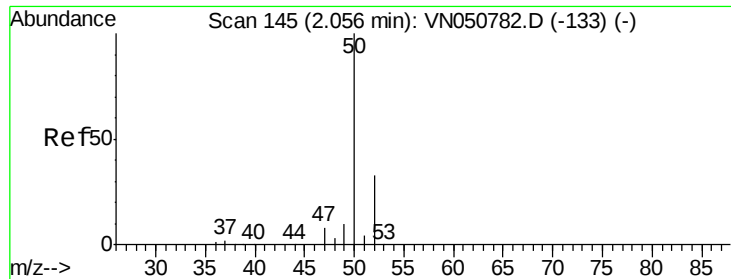
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.48 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 512204

Ion Ratio Lower Upper

50 100

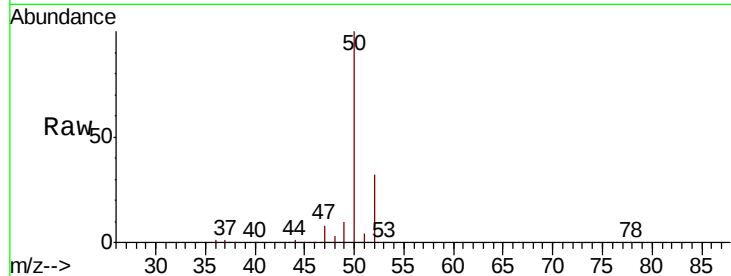
52 32.2 26.3 39.5

Manual Integrations

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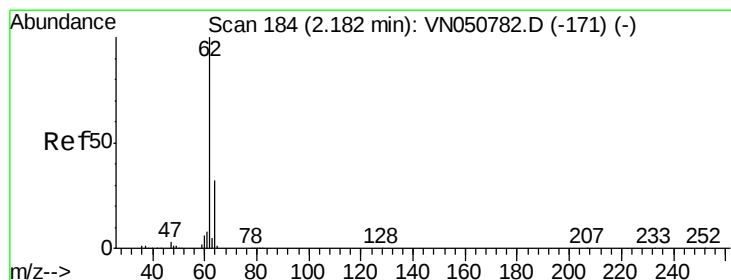
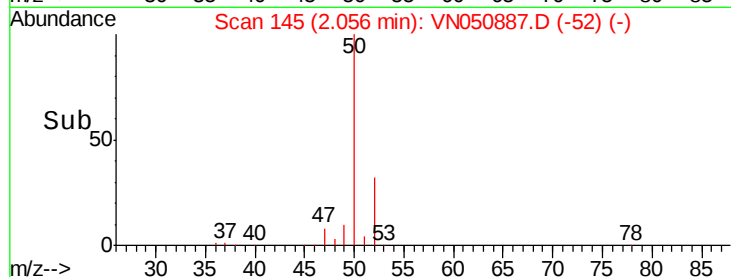
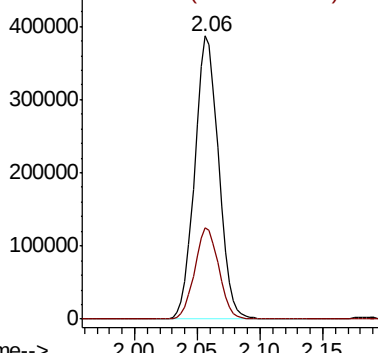
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 49.29 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050887.D

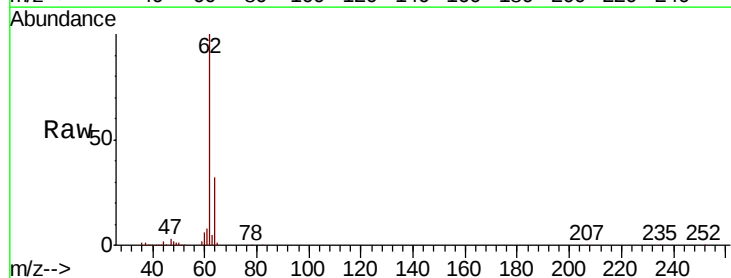
Acq: 27 Aug 2018 10:19

Tgt Ion: 62 Resp: 503636

Ion Ratio Lower Upper

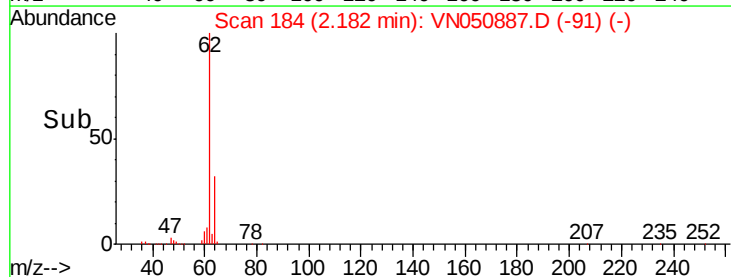
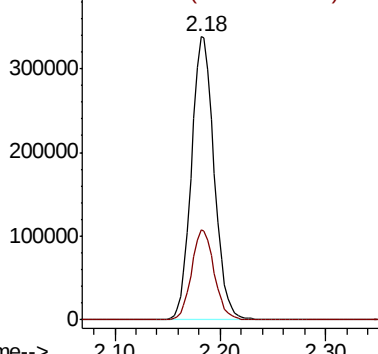
62 100

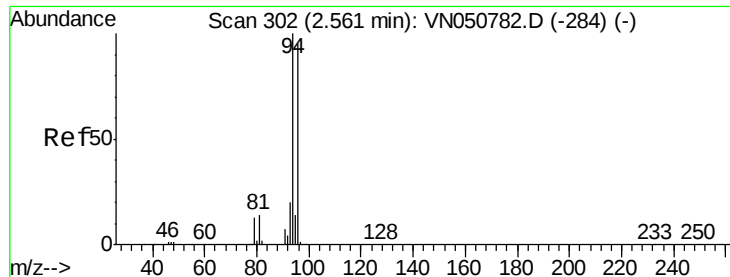
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 49.44 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 287163

Ion Ratio Lower Upper

94 100

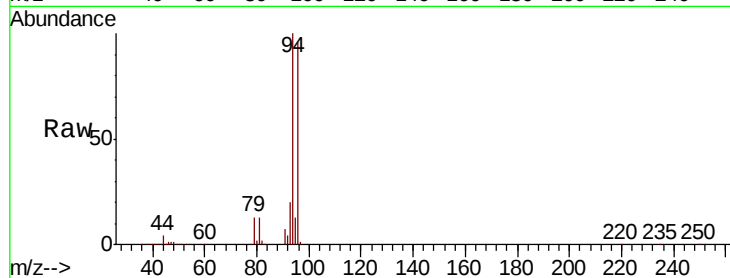
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Manual Integrations

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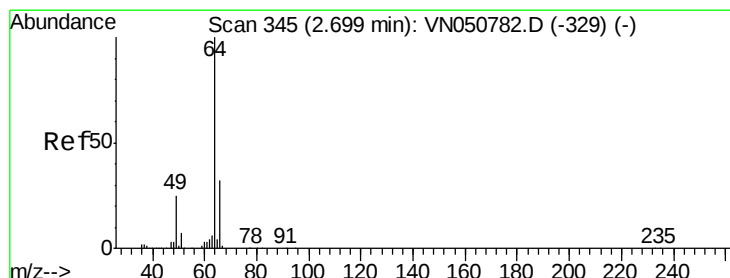
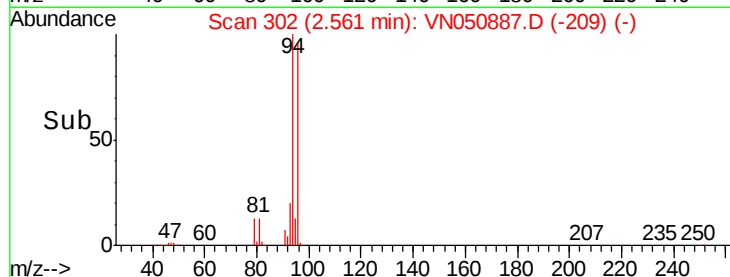
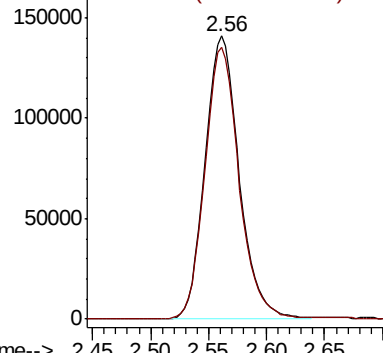
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.01 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN050887.D

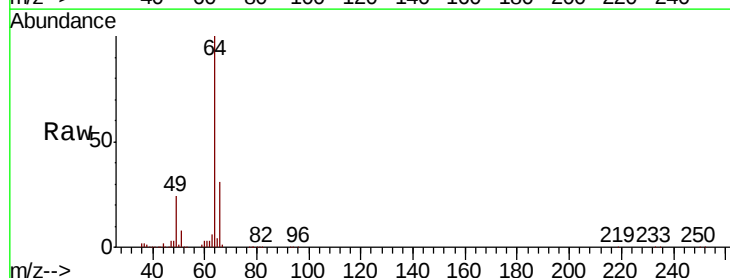
Acq: 27 Aug 2018 10:19

Tgt Ion: 64 Resp: 289365

Ion Ratio Lower Upper

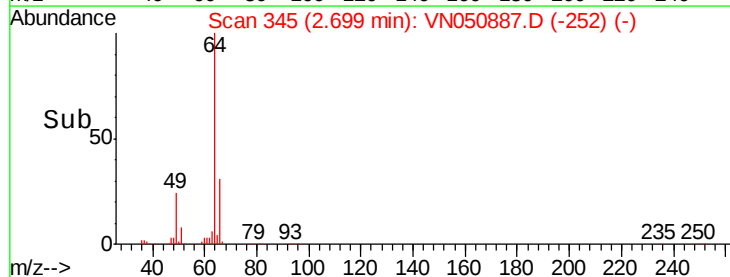
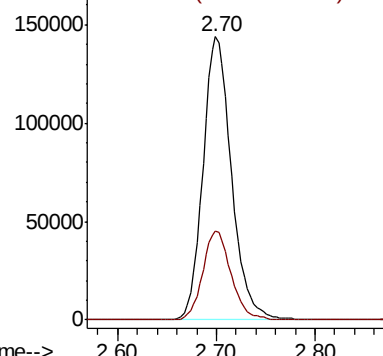
64 100

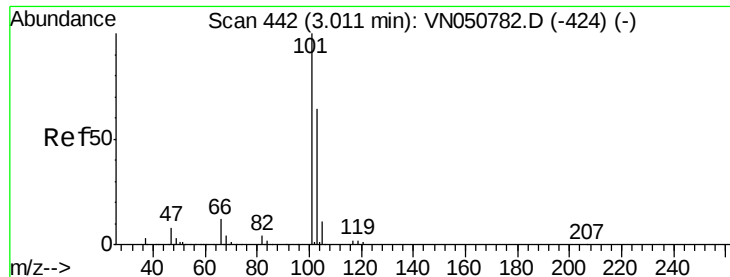
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

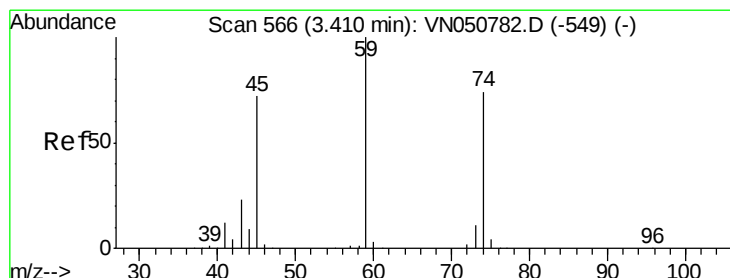
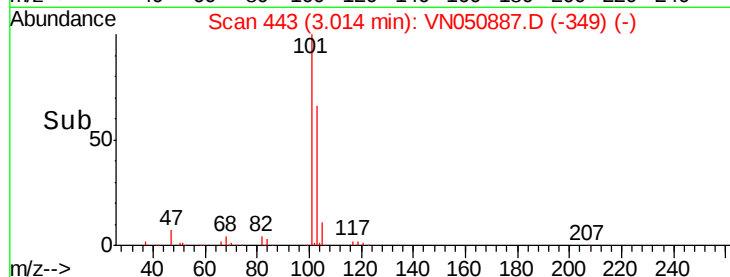
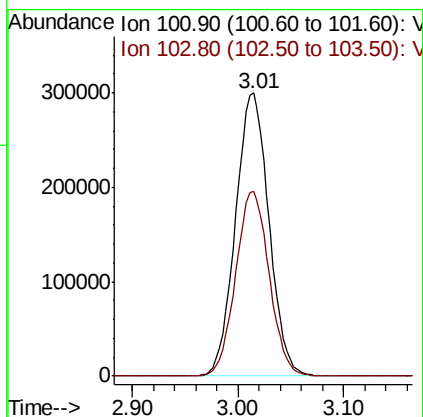
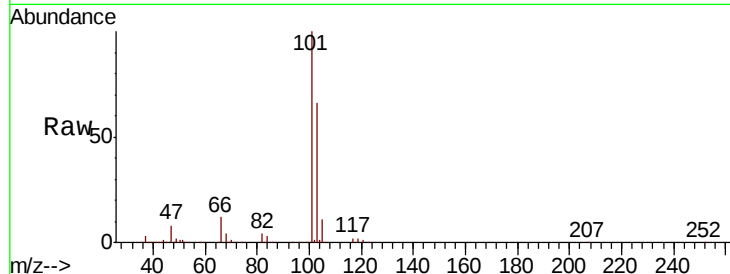
Trichlorofluoromethane
 Concen: 50.45 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.6	77.4

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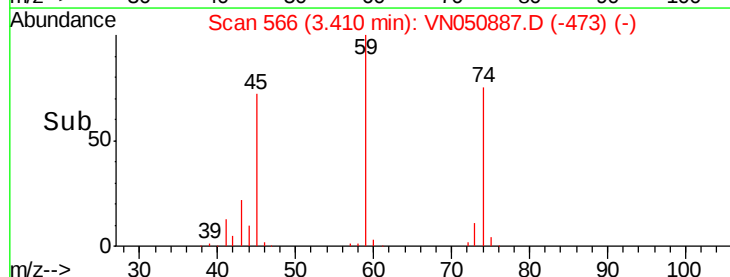
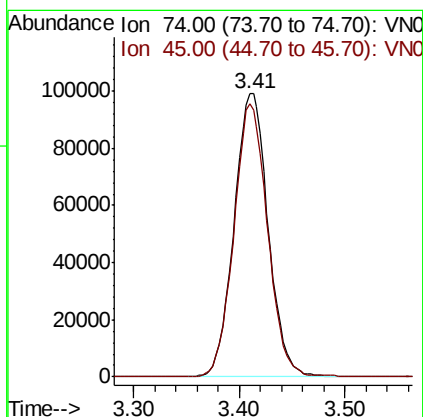
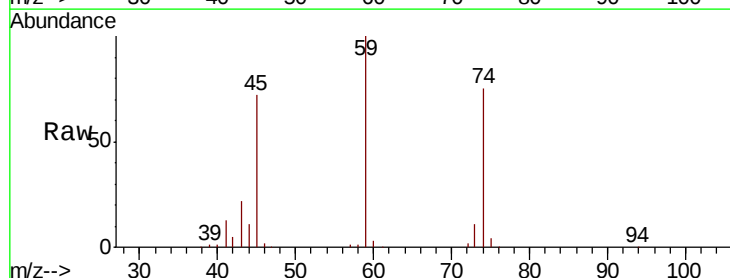
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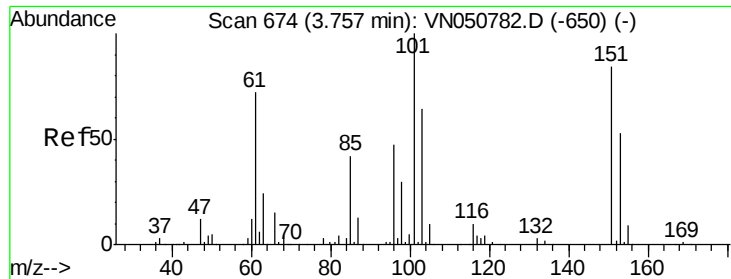


#8

Diethyl Ether
 Concen: 49.88 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.80 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

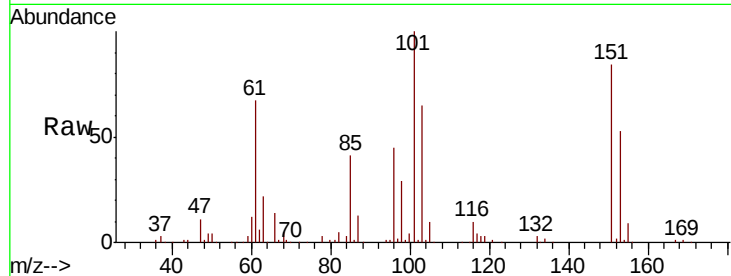
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VSTDCCC050

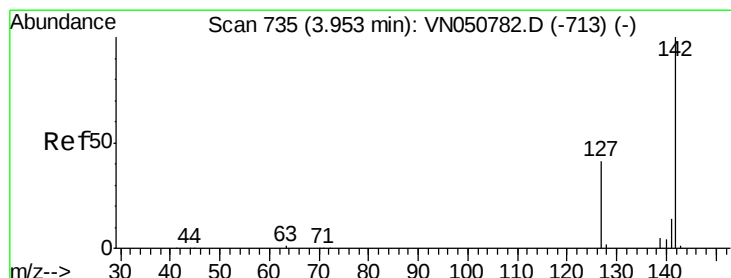
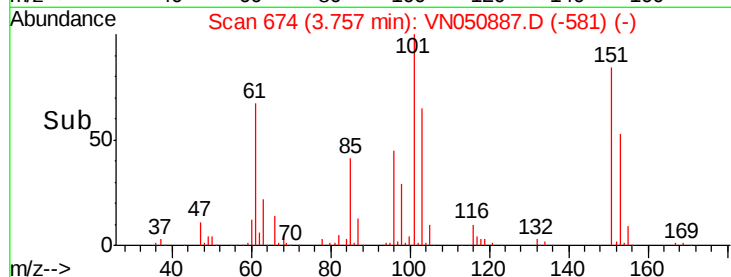
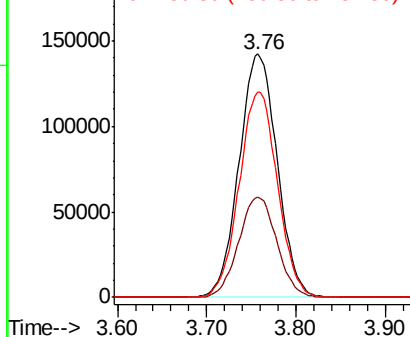
Tot Ion:	101	Resp:	423426
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.7	50.5
151	84.6	67.4	101.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.79 ug/l

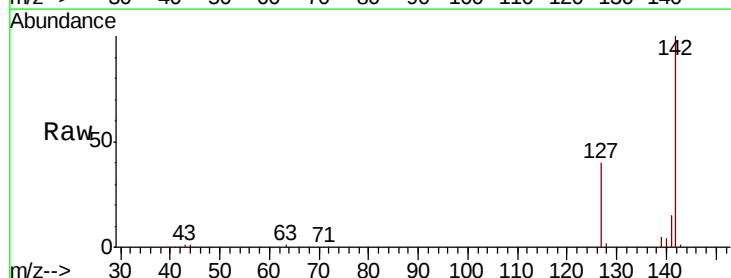
RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

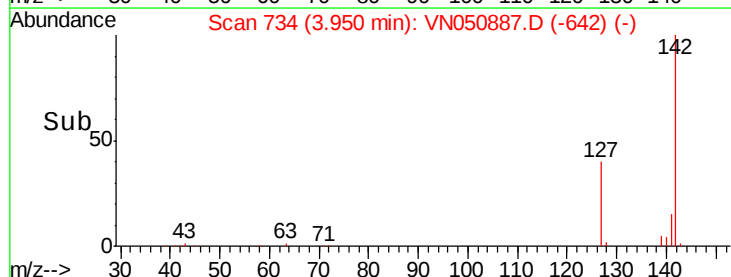
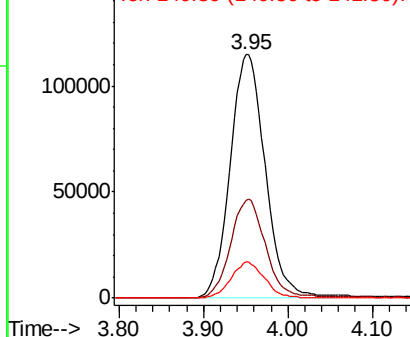
Lab File: VN050887.D

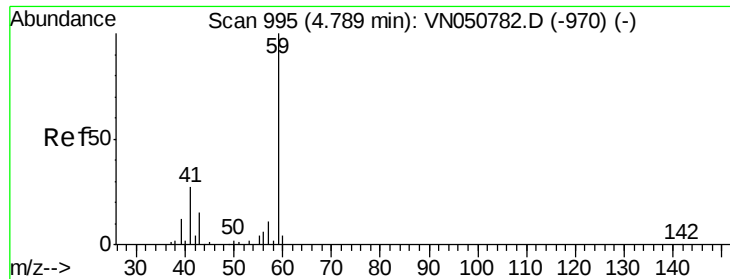
Acq: 27 Aug 2018 10:19

Tgt Ion:	142	Resp:	332334
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.7	47.5
141	14.3	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





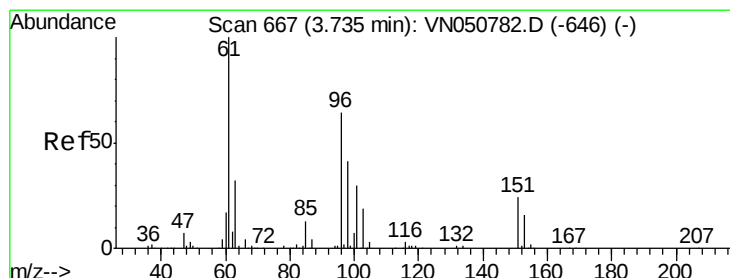
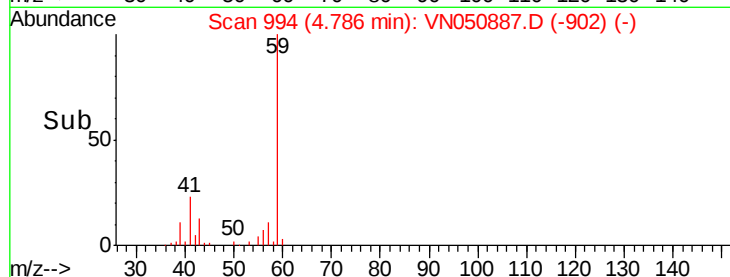
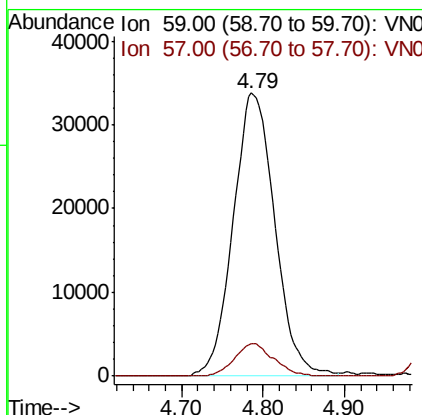
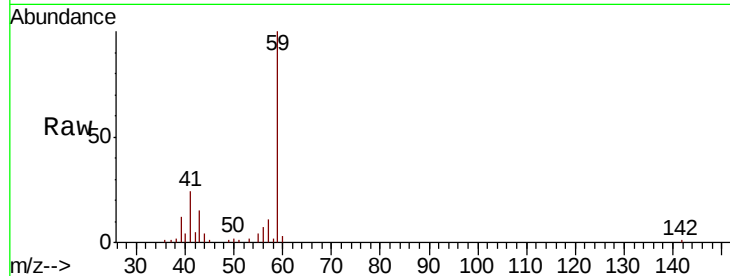
#11
Tert butyl alcohol
Concen: 238.72 ug/l
RT: 4.79 min Scan# 994
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	119595
Ion Ratio	100	Lower	Upper
57	10.9	8.3	12.5

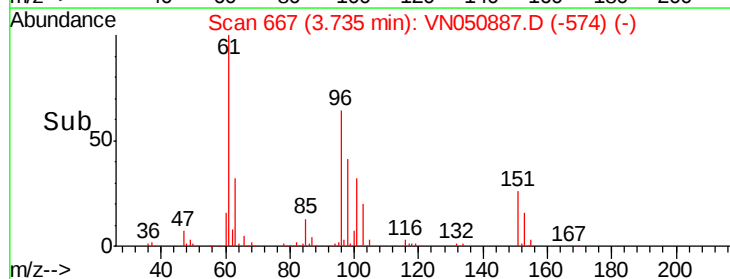
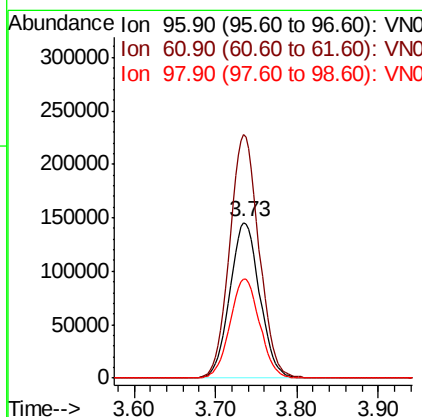
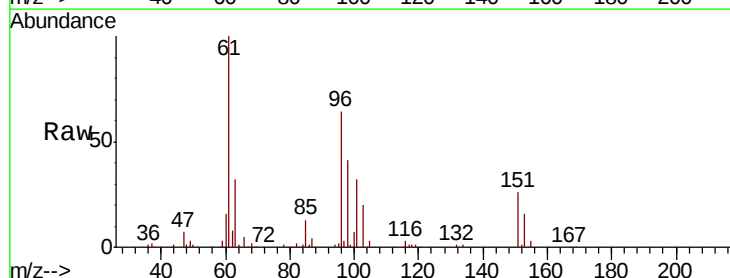
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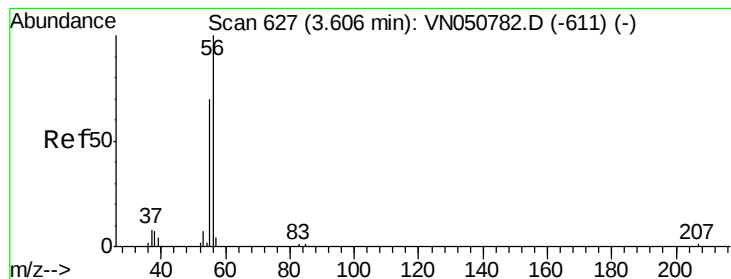
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#12
1,1-Dichloroethene
Concen: 50.71 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	96	Resp	372244
Ion Ratio	100	Lower	Upper
61	156.3	124.9	187.3
98	63.7	51.1	76.7





#13

Acrolein

Concen: 280.48 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 82743

Ion Ratio Lower Upper

56 100

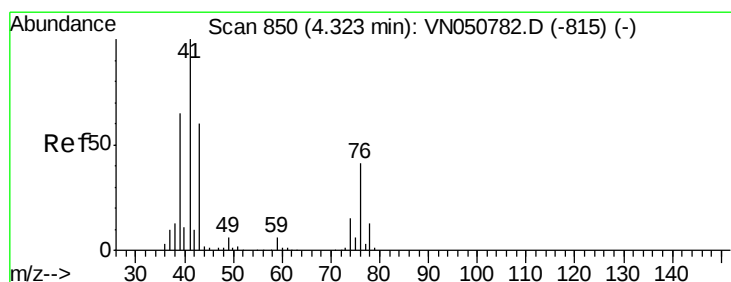
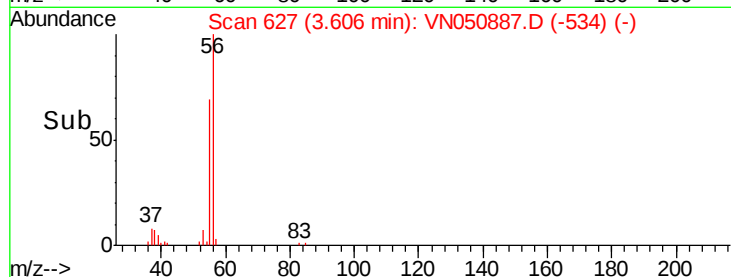
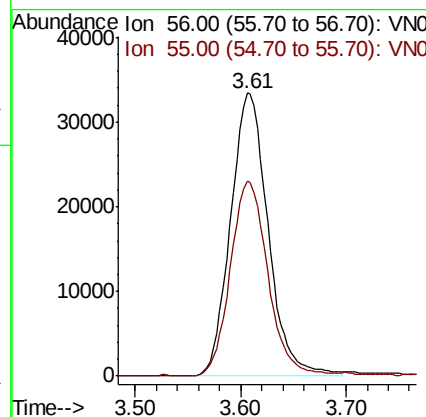
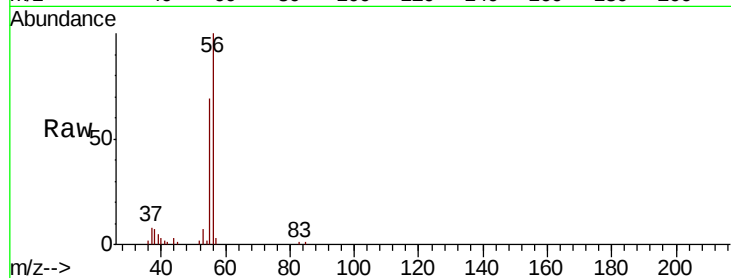
55 68.7 57.7 86.5

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#14

Allyl chloride

Concen: 50.62 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

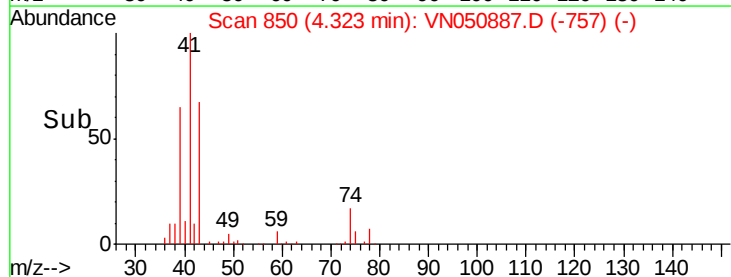
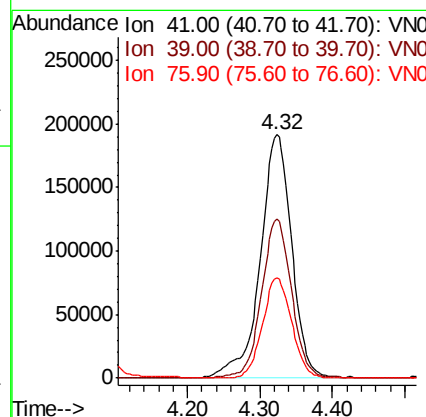
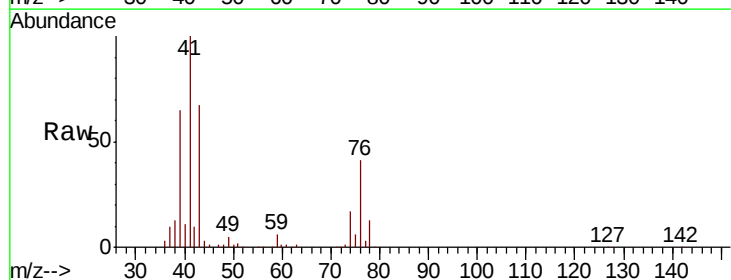
Tgt Ion: 41 Resp: 578910

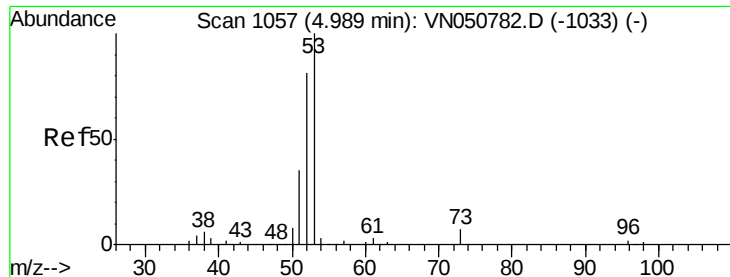
Ion Ratio Lower Upper

41 100

39 62.6 50.2 75.2

76 37.8 29.8 44.8





#15

Acrylonitrile

Concen: 255.86 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

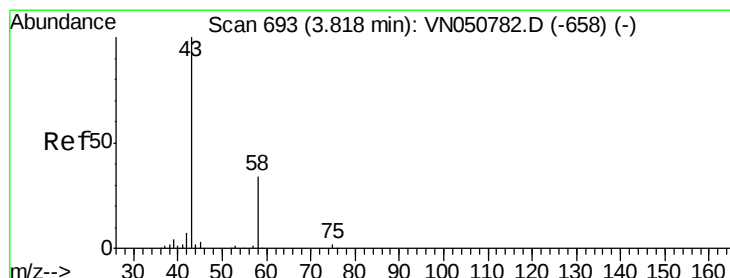
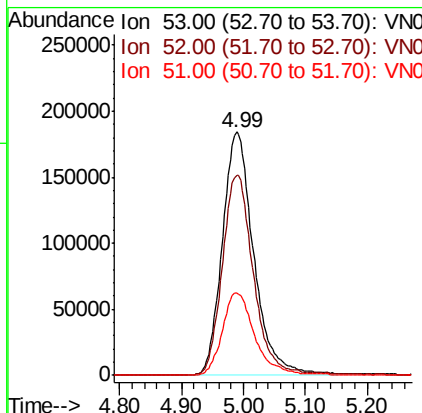
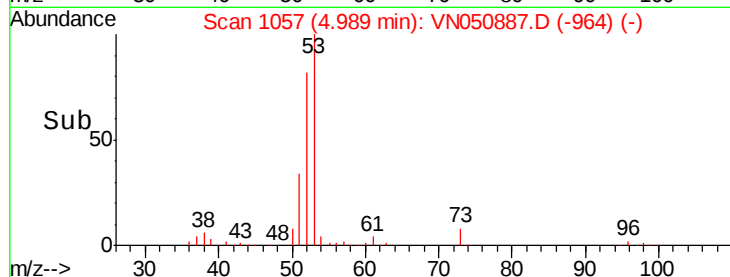
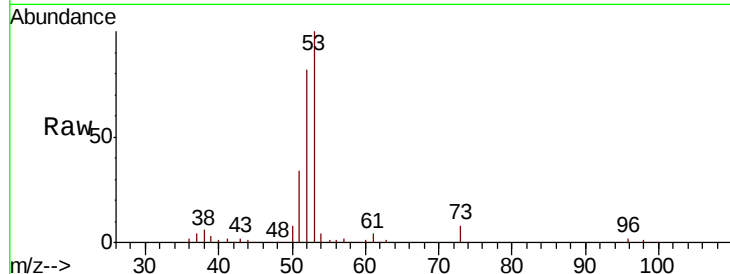
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	651422
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.9	98.9
51	34.8	28.6	43.0

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#16

Acetone

Concen: 279.90 ug/l

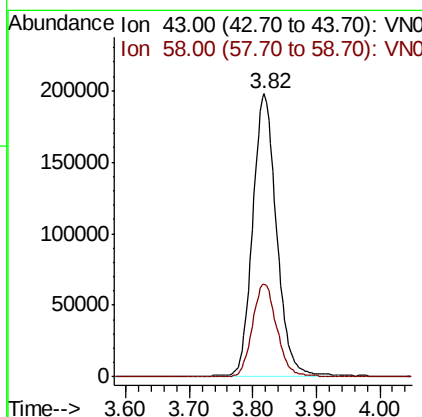
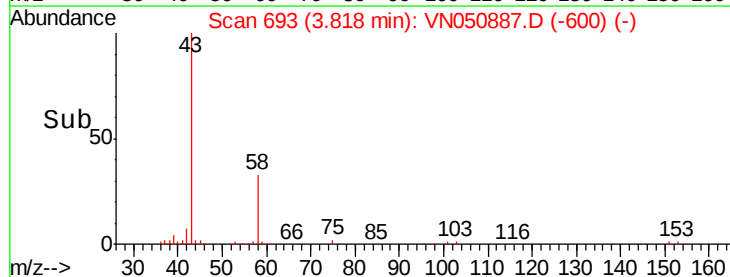
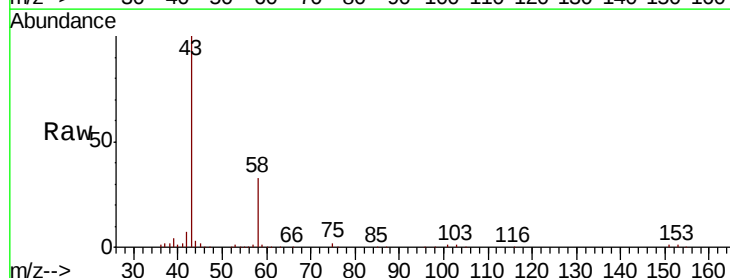
RT: 3.82 min Scan# 693

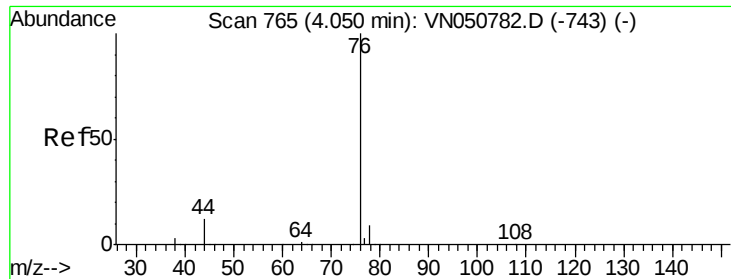
Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	43	Resp:	519881
Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.2	40.8





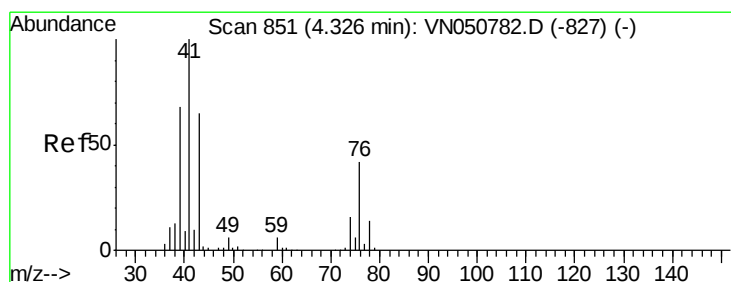
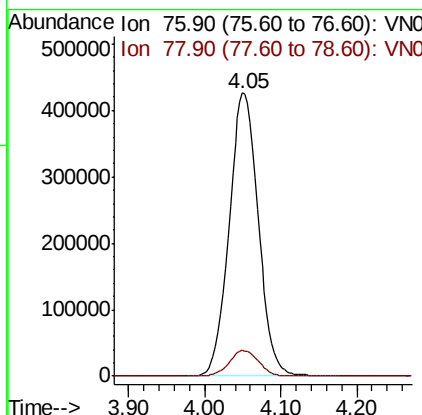
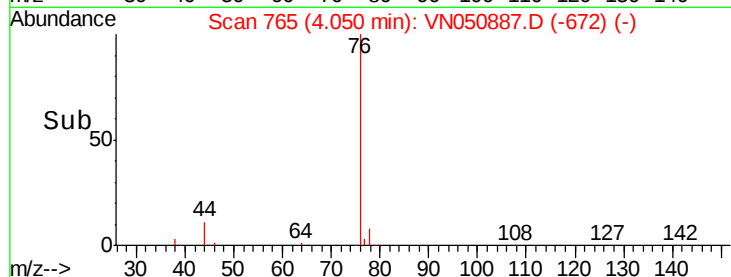
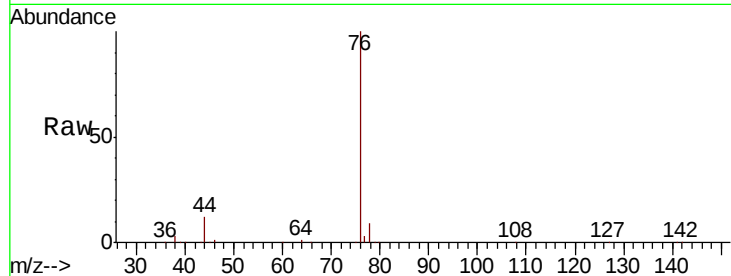
#17
Carbon Disulfide
Concen: 46.13 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1135043
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

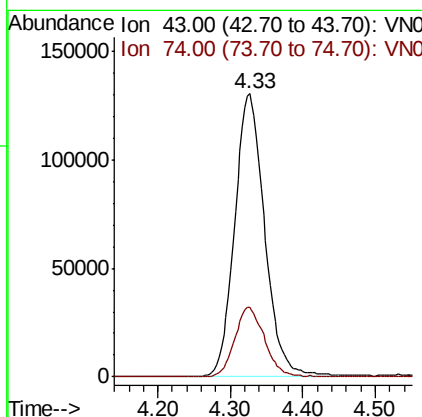
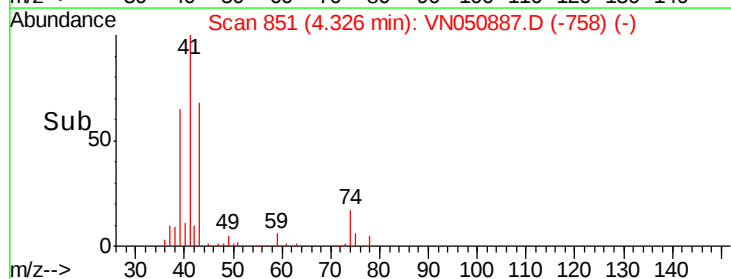
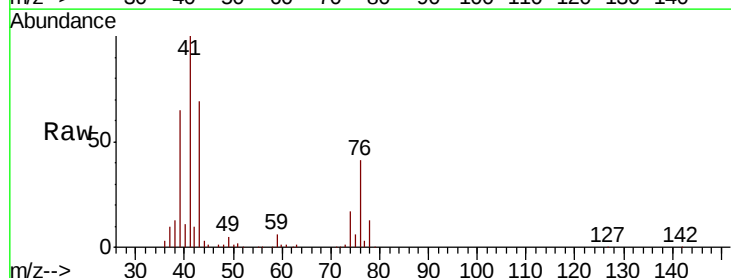
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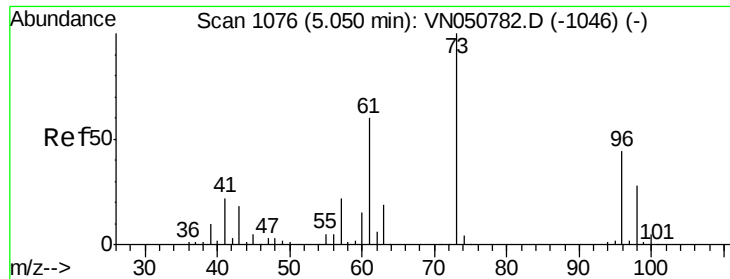
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#18
Methyl Acetate
Concen: 50.31 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion: 43 Resp: 373722
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8





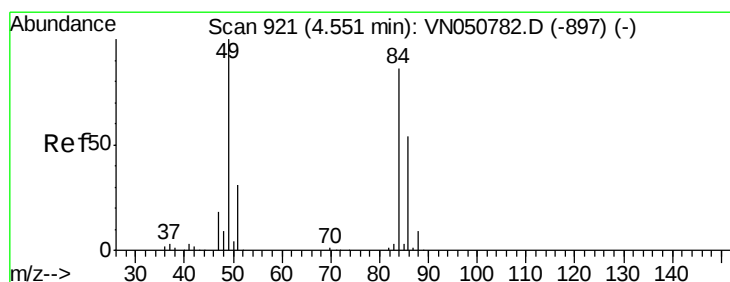
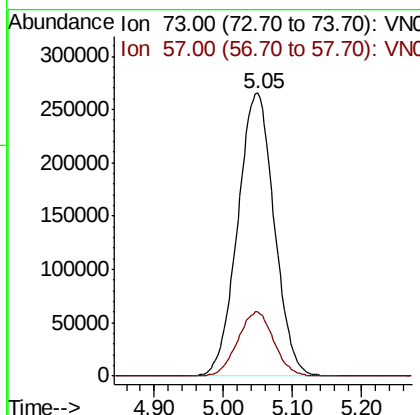
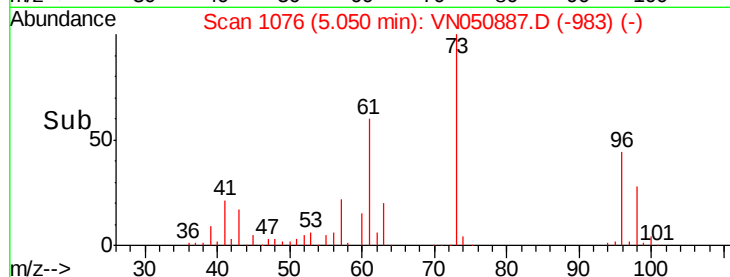
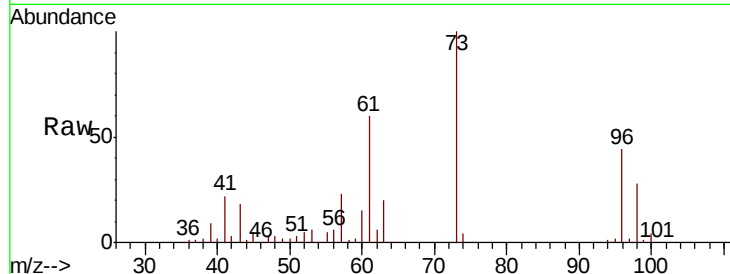
#19
Methvl tert-butvl Ether
Concen: 52.66 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 972259
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8

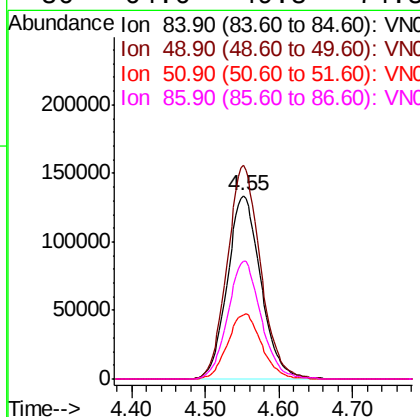
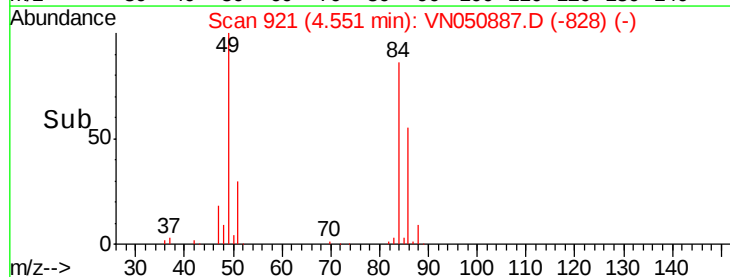
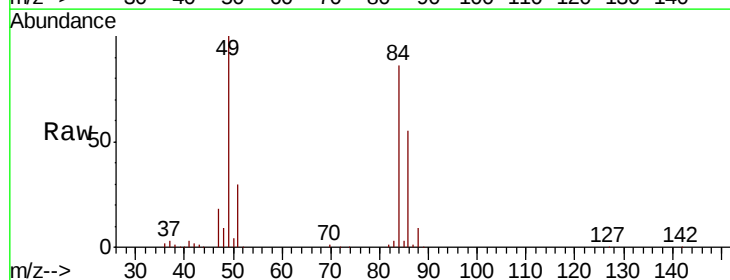
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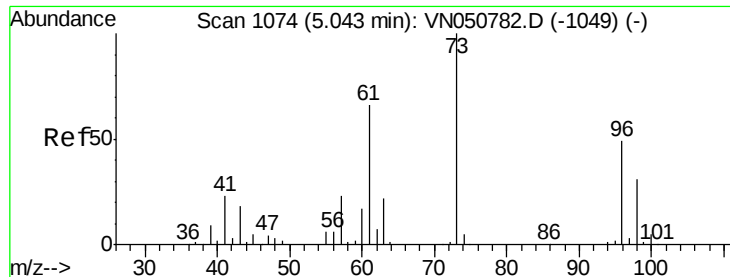
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#20
Methylene Chloride
Concen: 47.71 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion: 84 Resp: 423004
Ion Ratio Lower Upper
84 100
49 116.3 93.2 139.8
51 35.1 29.0 43.6
86 64.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.99 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 396873

Ion Ratio Lower Upper

96 100

61 137.9 107.4 161.0

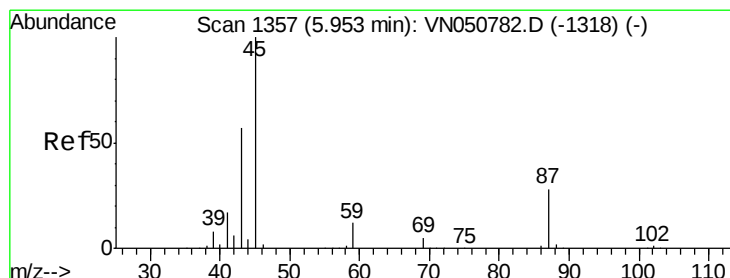
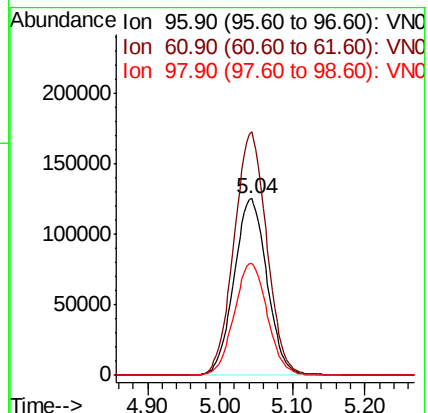
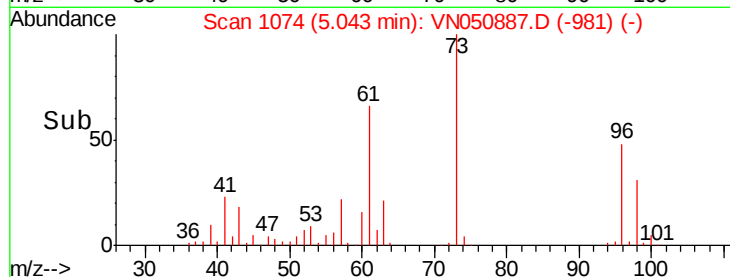
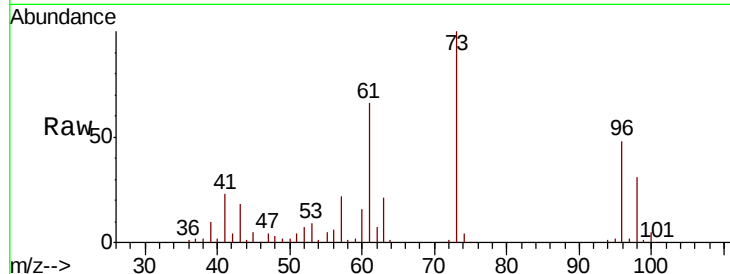
98 63.6 50.7 76.1

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#22

Diisopropyl ether

Concen: 53.42 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion: 45 Resp: 1217524

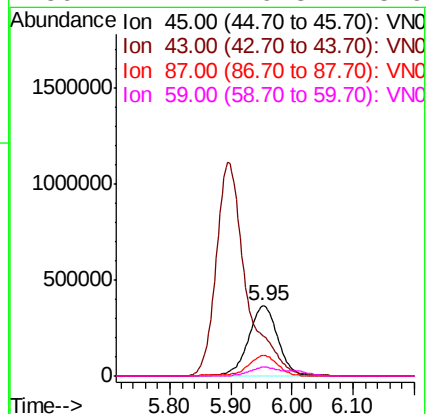
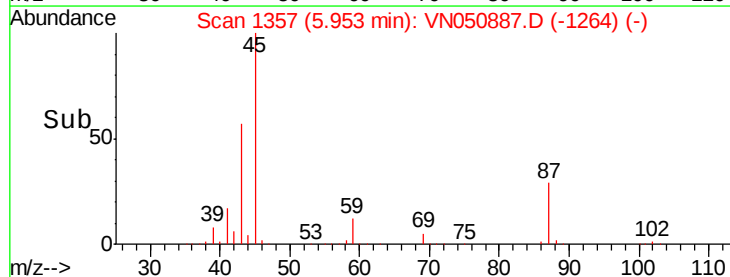
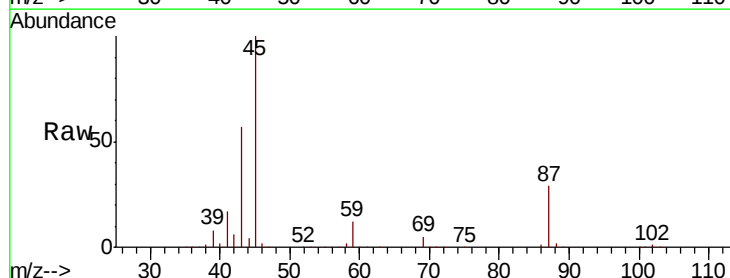
Ion Ratio Lower Upper

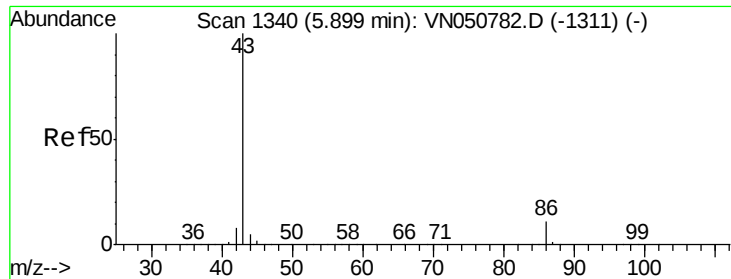
45 100

43 56.6 45.9 68.9

87 28.9 22.7 34.1

59 12.1 9.3 13.9





#23

Vinyl Acetate

Concen: 258.39 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3792845

Ion Ratio Lower Upper

43 100

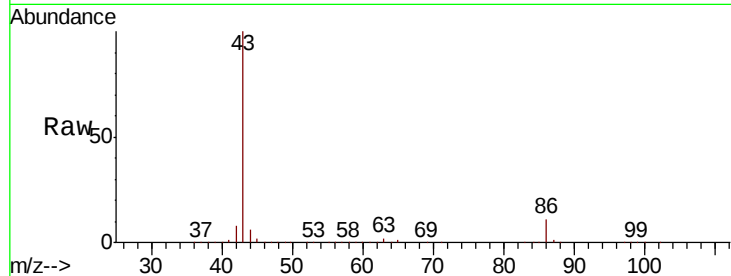
86 10.8 8.7 13.1

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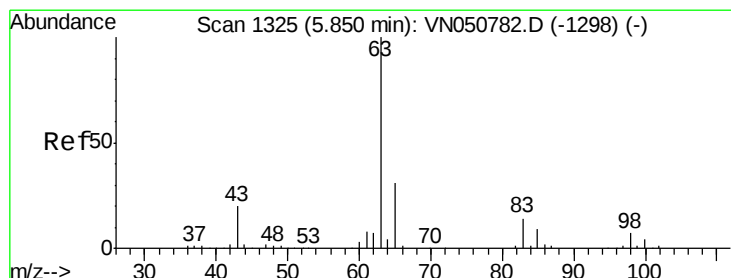
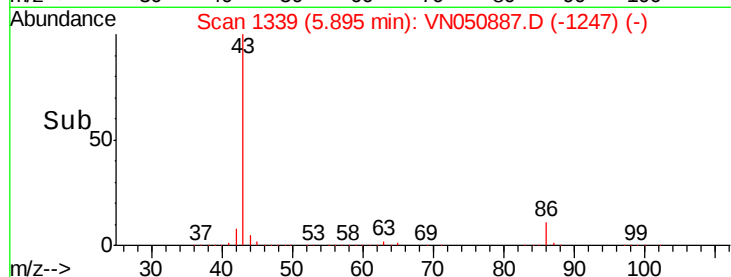
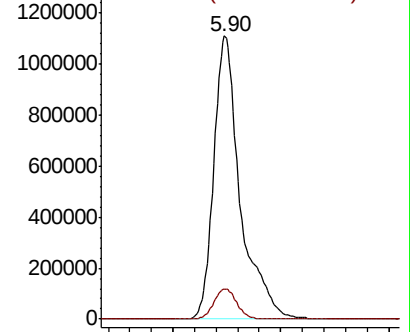
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.77 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

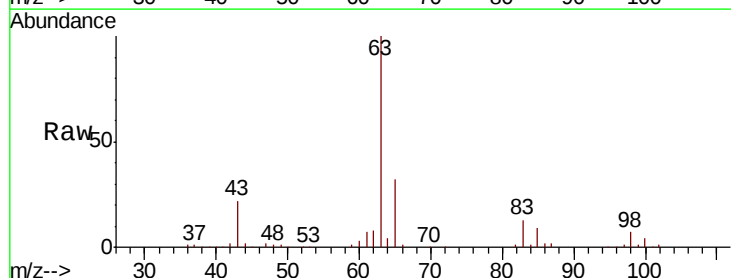
Tgt Ion: 63 Resp: 728259

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

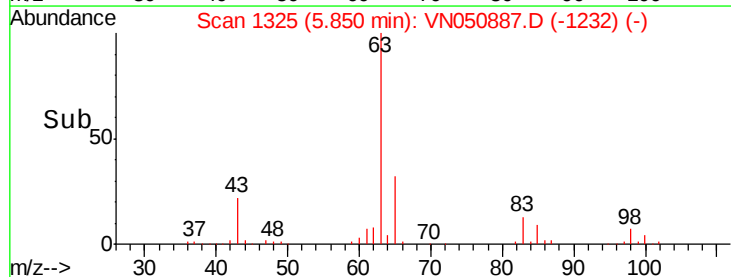
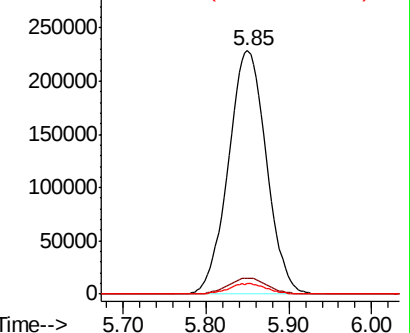
100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 237.41 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 752722

Ion Ratio Lower Upper

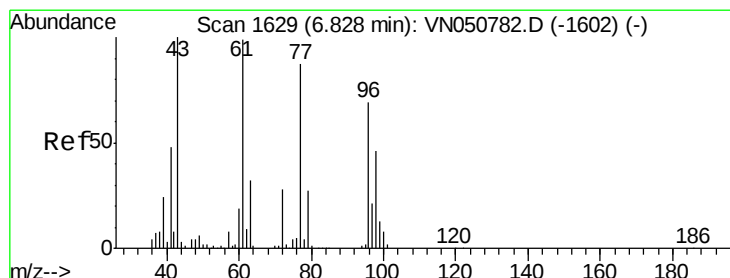
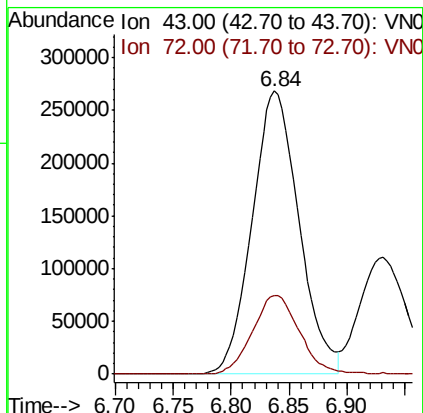
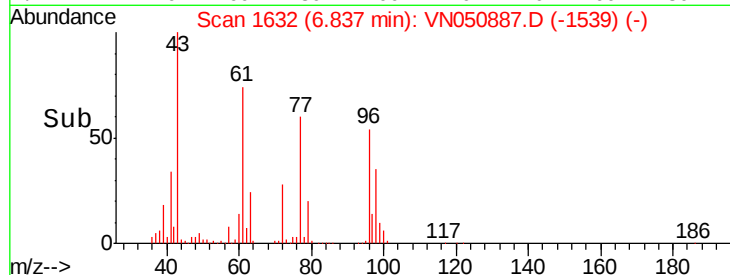
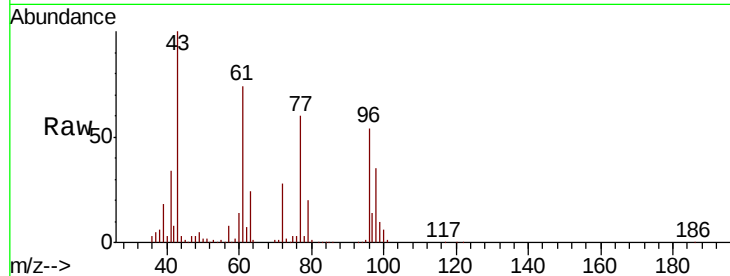
43 100

72 27.9 22.3 33.5

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#26

2,2-Dichloropropane

Concen: 50.96 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN050887.D

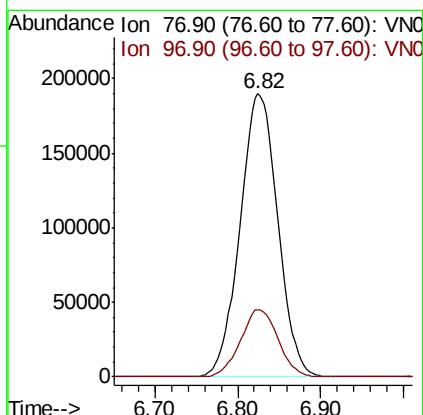
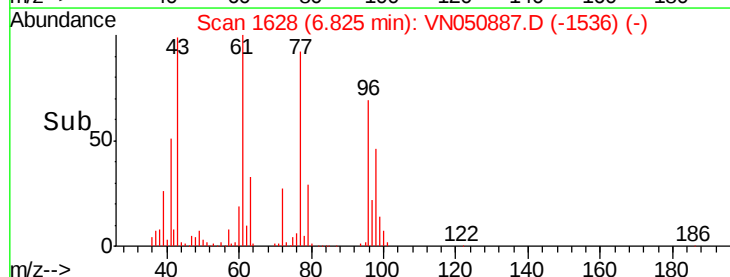
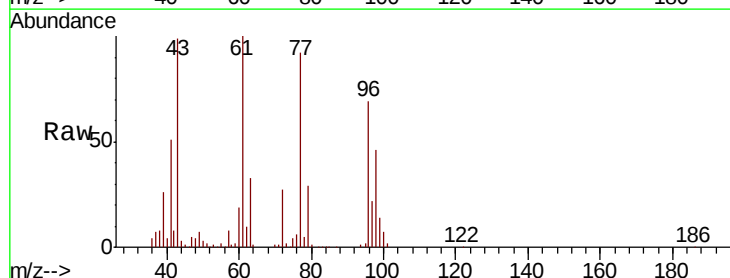
Acq: 27 Aug 2018 10:19

Tgt Ion: 77 Resp: 599157

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 51.28 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

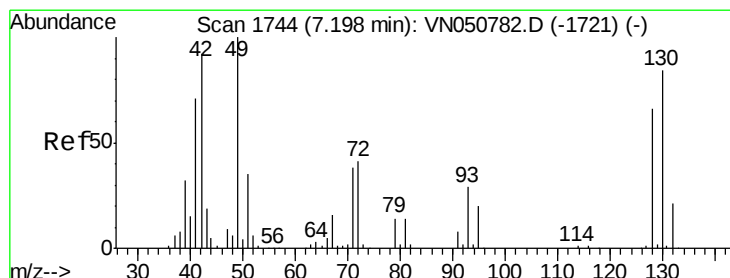
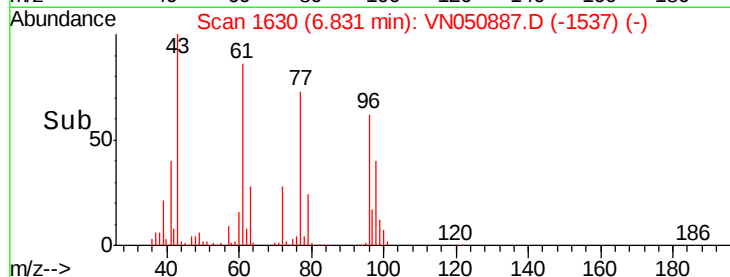
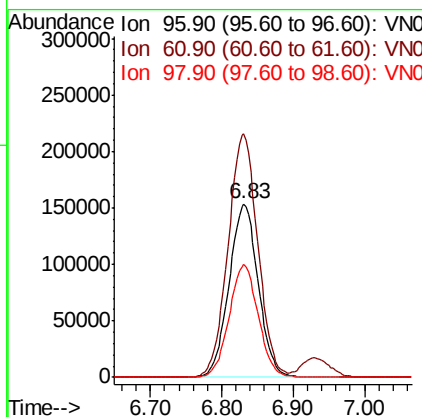
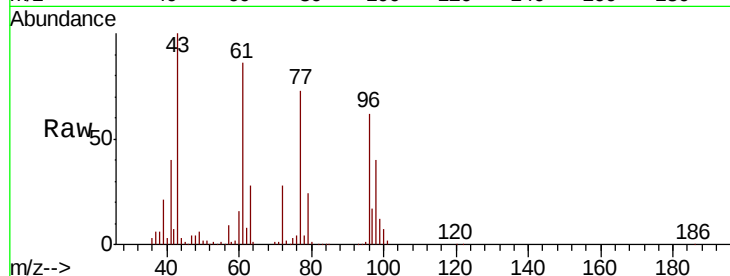
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	438925
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	283.4
98	64.6	0.0	129.8

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#28

Bromochloromethane

Concen: 49.09 ug/l

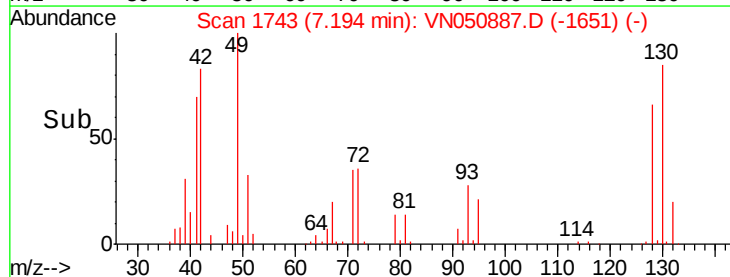
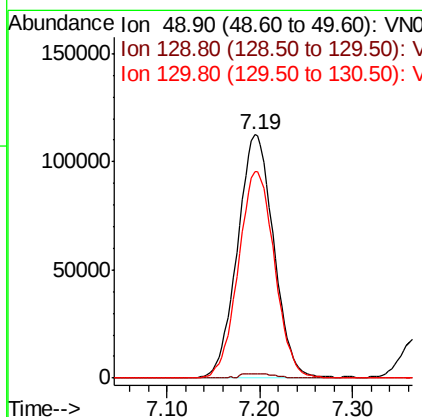
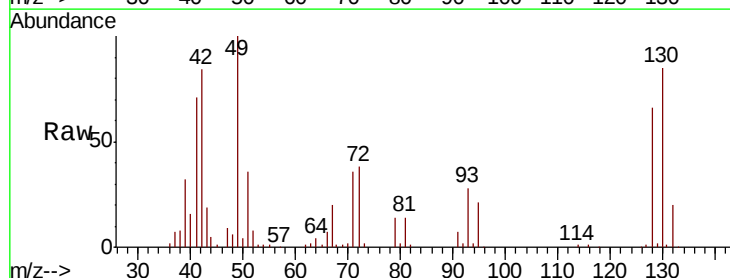
RT: 7.19 min Scan# 1743

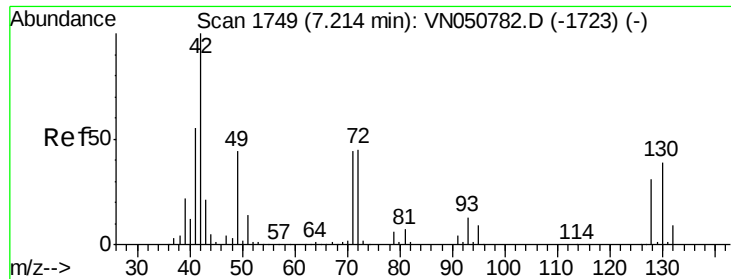
Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	49	Resp:	305267
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.2
130	84.7	67.1	100.7





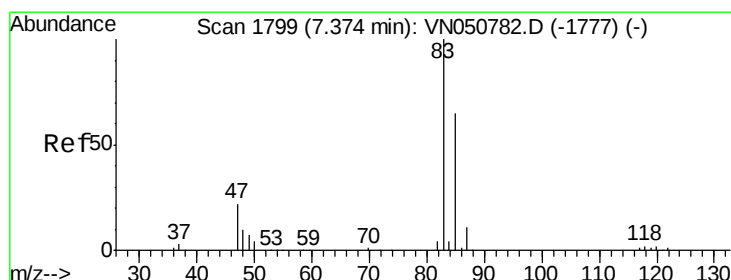
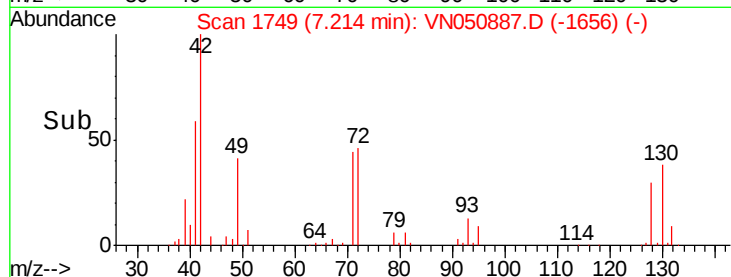
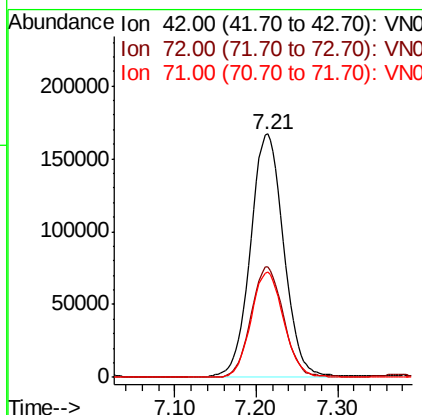
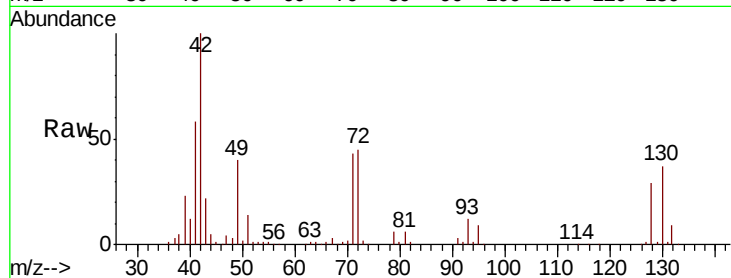
#29
Tetrahydrofuran
Concen: 257.92 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.5	53.3
71	42.7	33.7	50.5

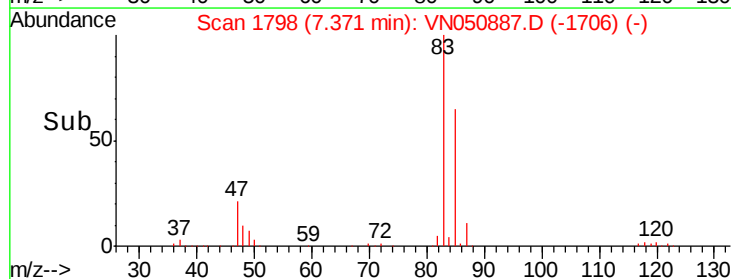
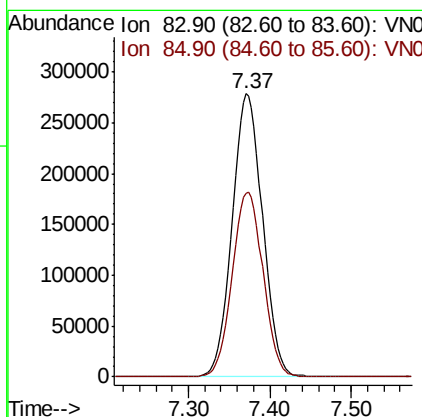
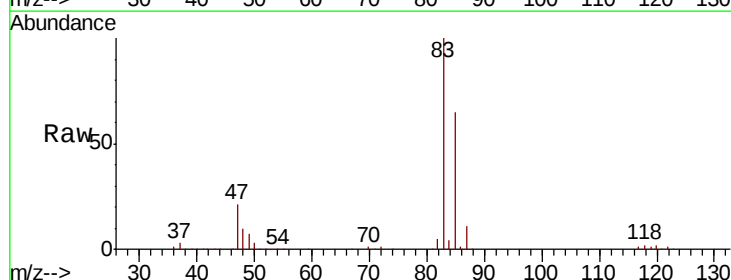
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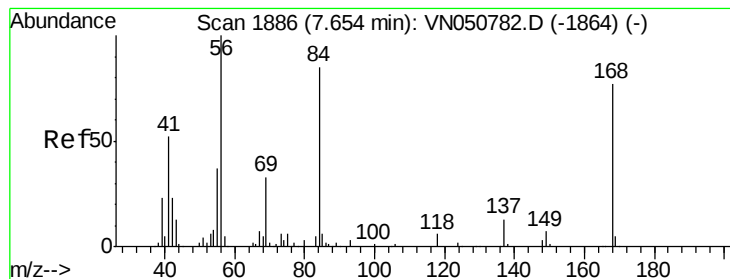
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#30
Chloroform
Concen: 49.93 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.4





#31

Cyclohexane

Concen: 50.14 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 666839

Ion Ratio Lower Upper

56 100

69 31.7 26.2 39.4

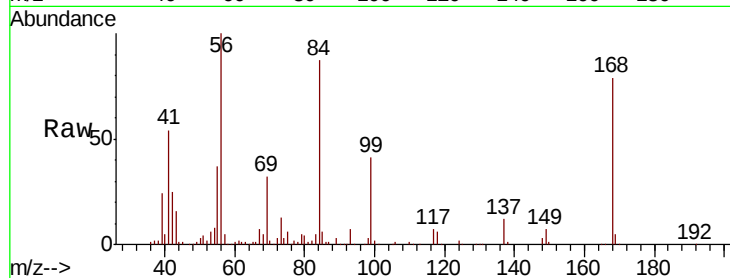
84 86.2 68.3 102.5

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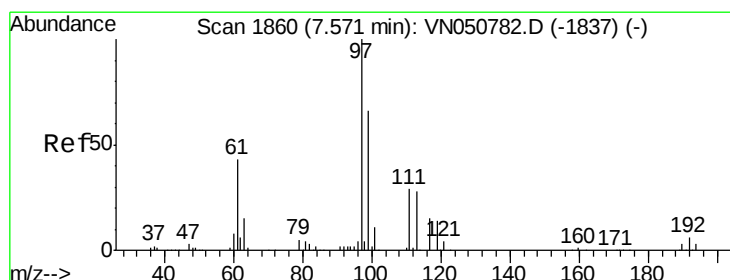
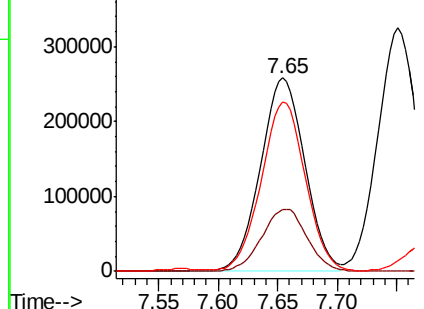
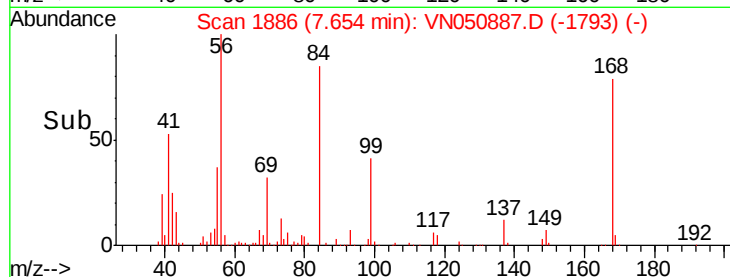
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Abundance Ion 56.00 (55.70 to 56.70): VN050887.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN050887.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN050887.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 50.06 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

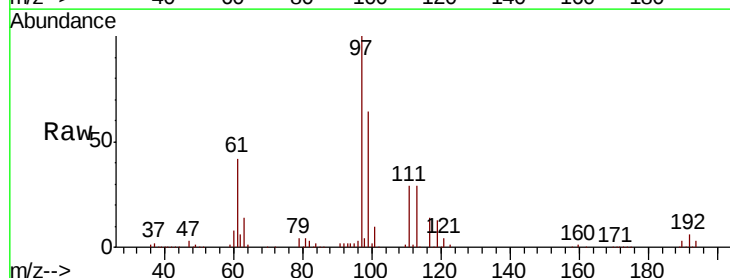
Tgt Ion: 97 Resp: 623056

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

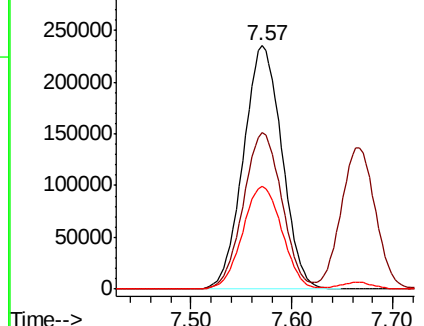
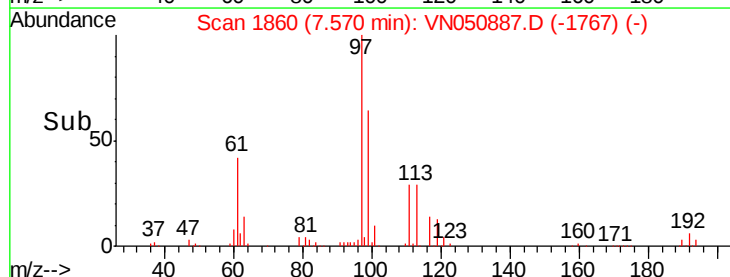
61 43.1 34.9 52.3

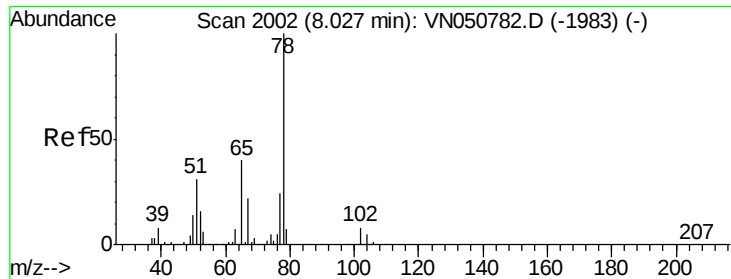


Abundance Ion 96.90 (96.60 to 97.60): VN050887.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN050887.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN050887.D (-1767) (-)





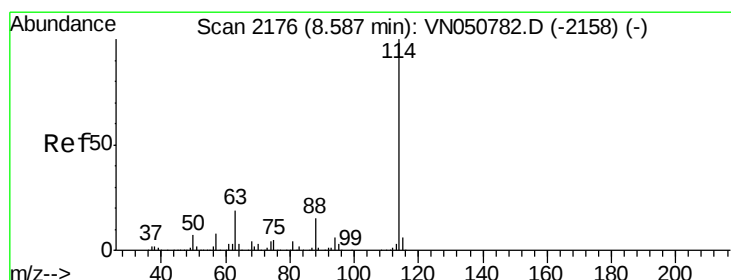
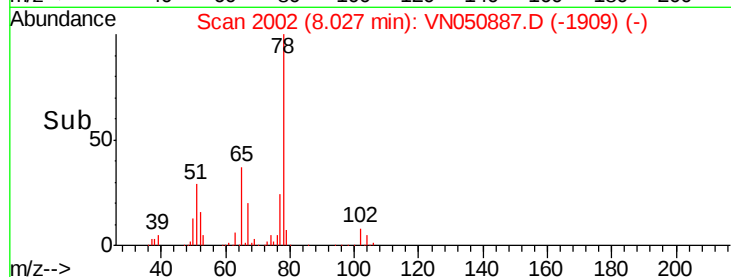
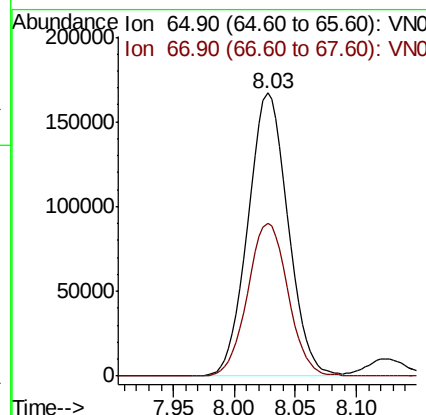
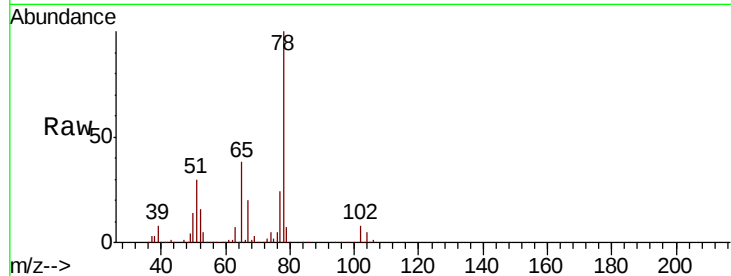
#33
 1,2-Dichloroethane-d4
 Concen: 48.16 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	378866		
67	54.6	0.0	110.4	

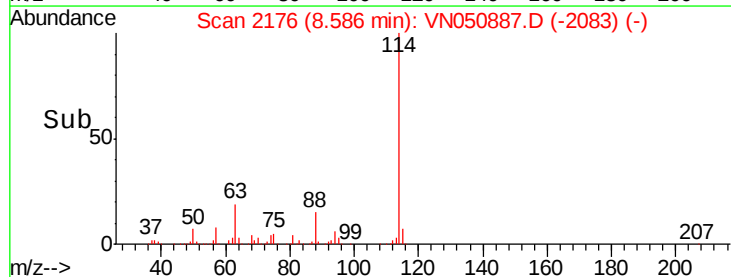
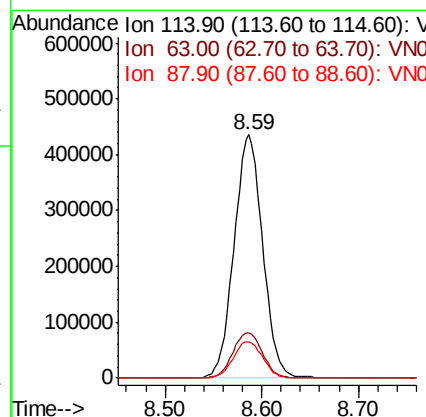
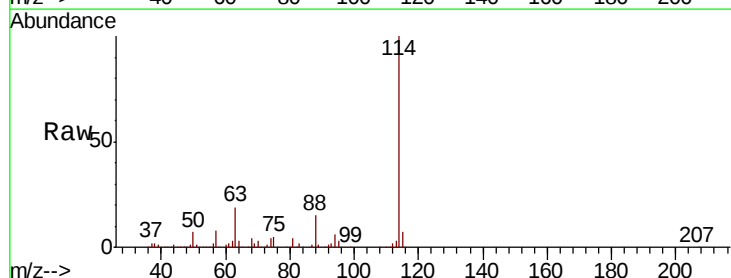
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	894595		
63	18.8	0.0	38.6	
88	15.1	0.0	30.6	





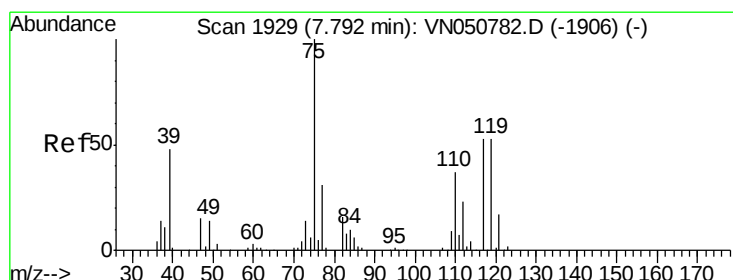
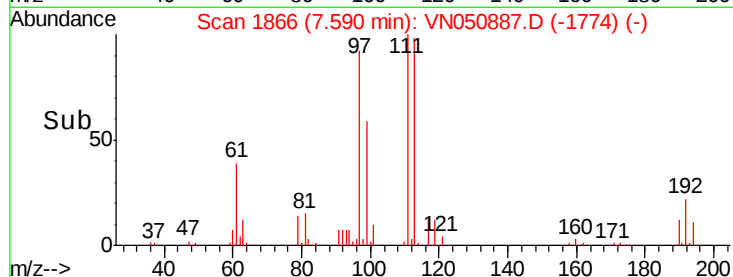
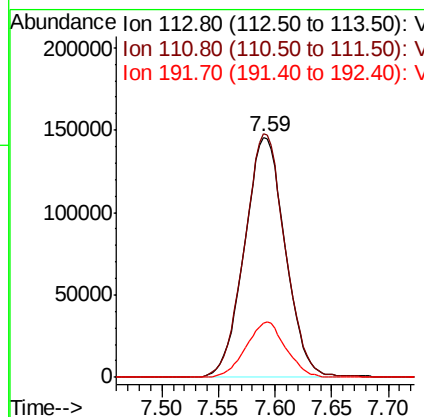
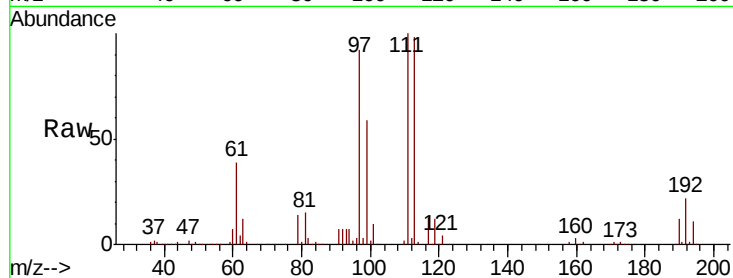
#35
 Dibromofluoromethane
 Concen: 51.27 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.6	123.8	
192	22.6	18.0	27.0	

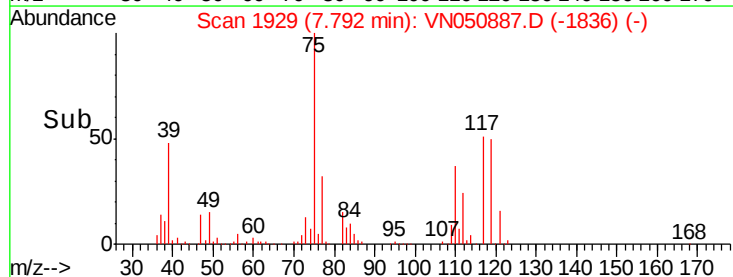
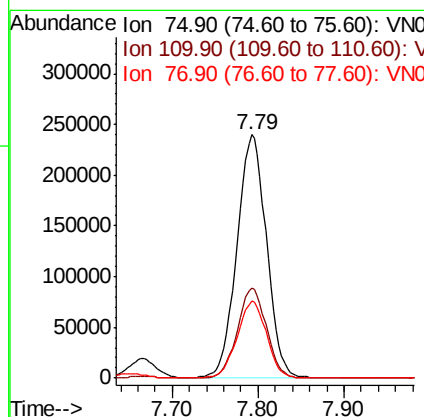
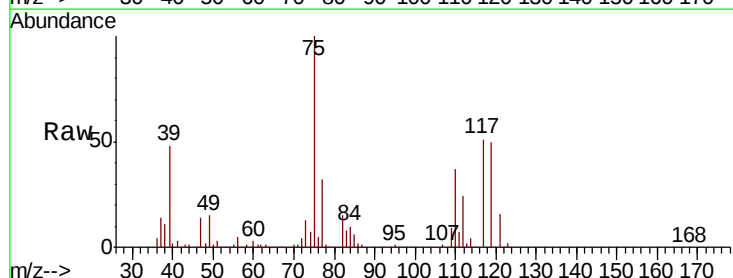
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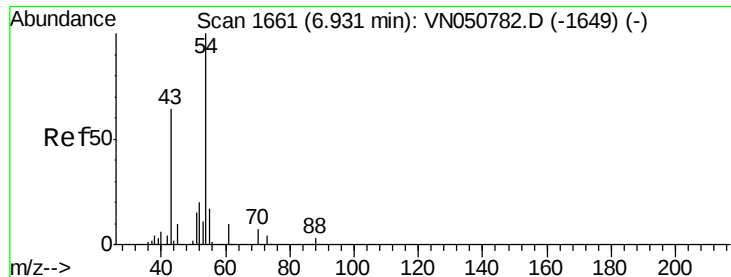
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#36
 1,1-Dichloropropene
 Concen: 54.16 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	18.1	54.4	
77	31.7	24.8	37.2	





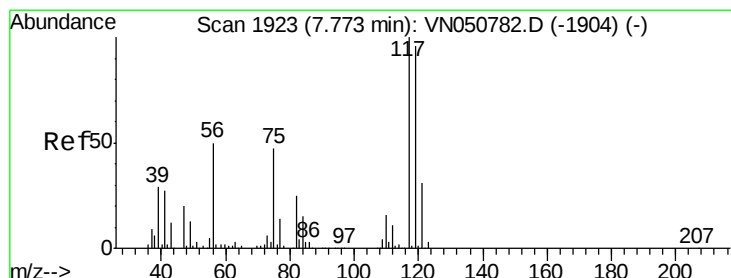
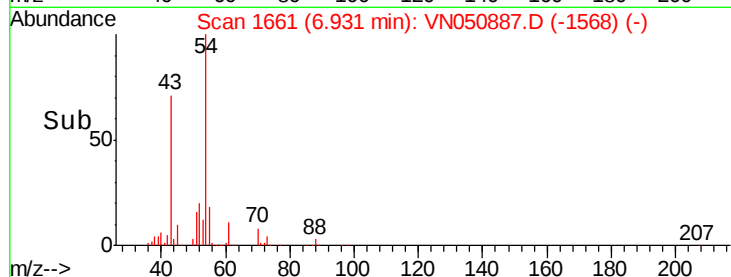
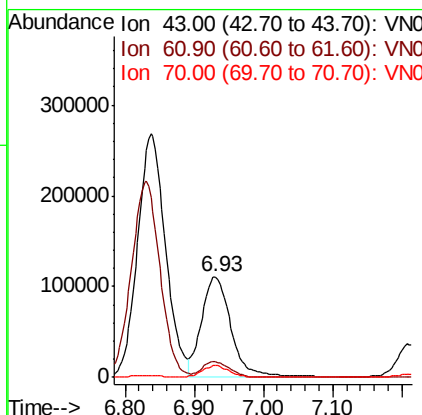
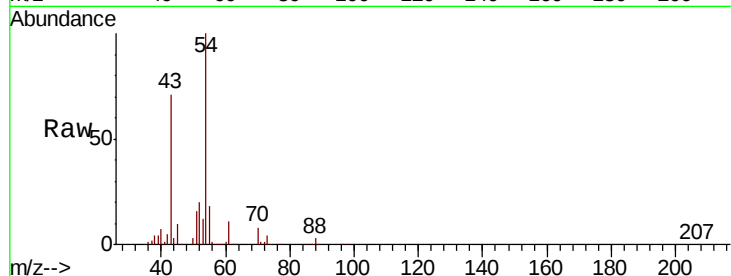
#37
Ethyl Acetate
Concen: 53.23 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.0	18.0
70	10.9	8.6	13.0

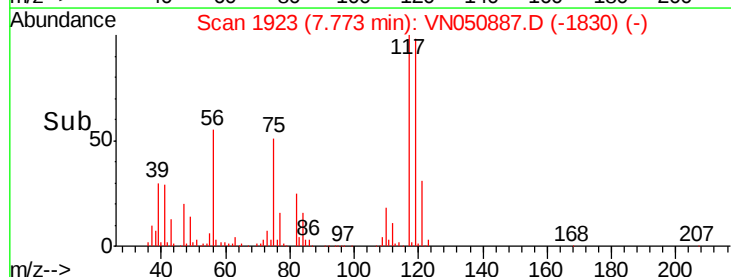
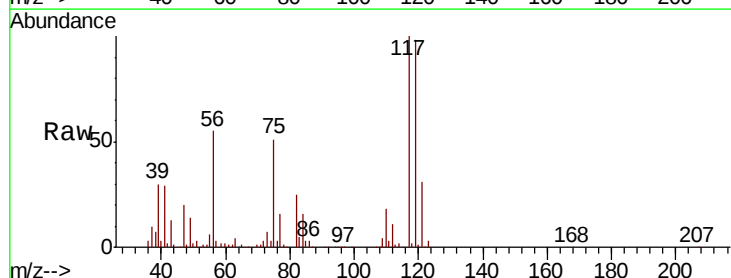
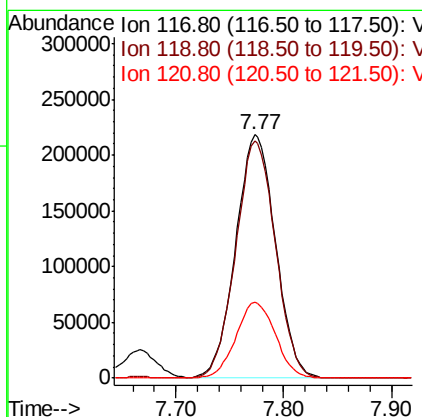
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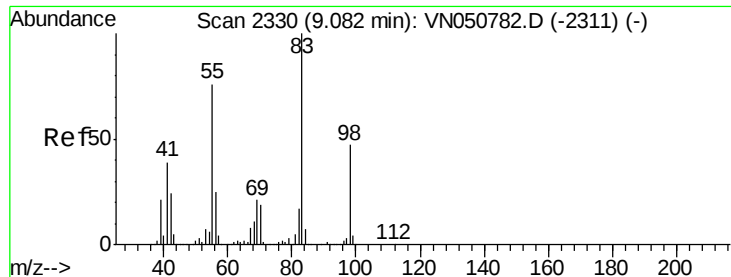
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#38
Carbon Tetrachloride
Concen: 52.35 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	31.4	24.6	36.8





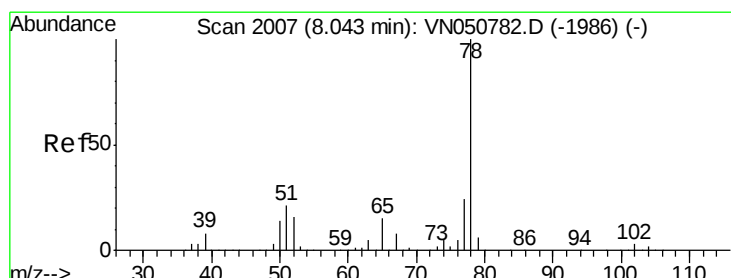
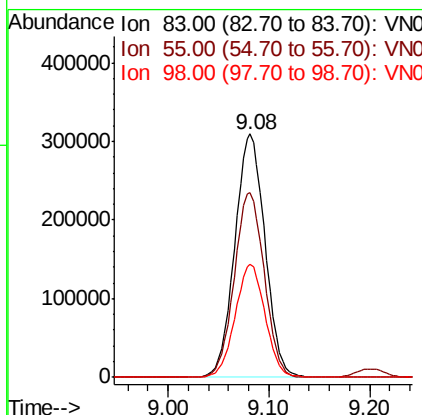
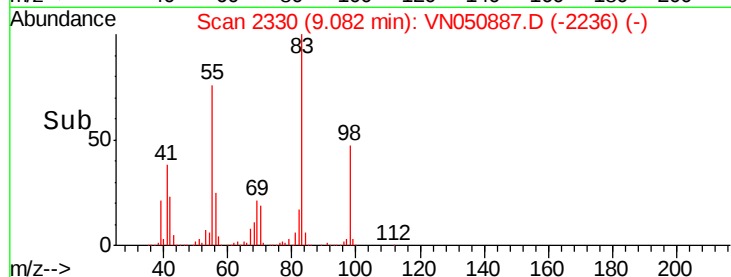
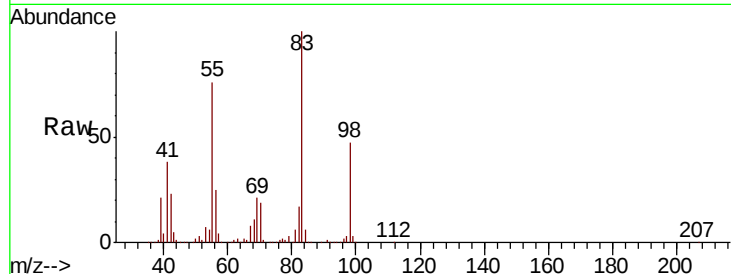
#39
Methvlcvclohexane
Concen: 56.18 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.4
98	46.6	37.5	56.3

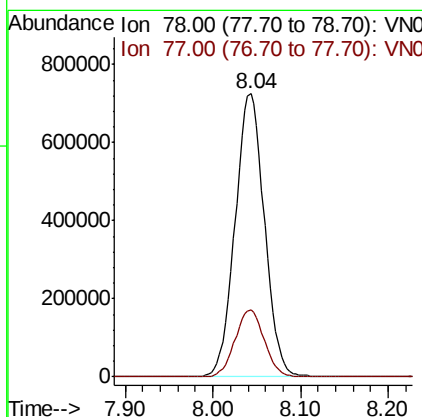
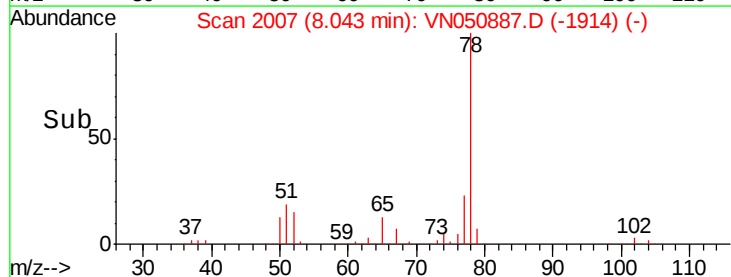
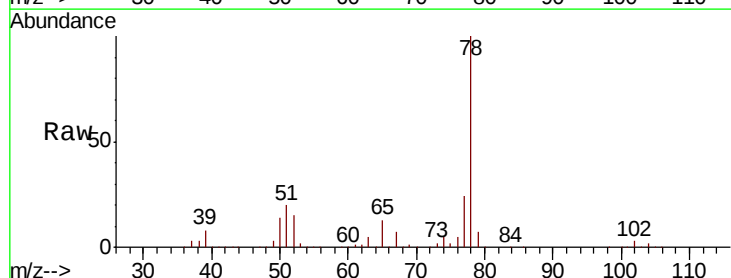
Manual Integrations
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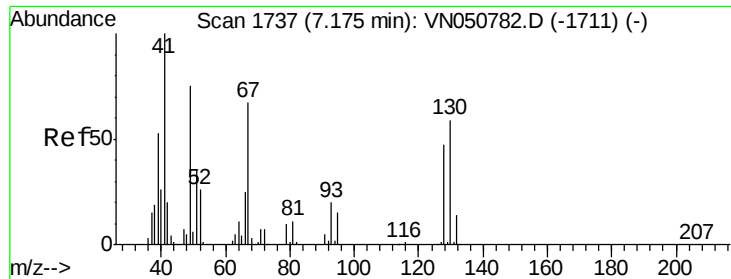
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#40
Benzene
Concen: 53.05 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





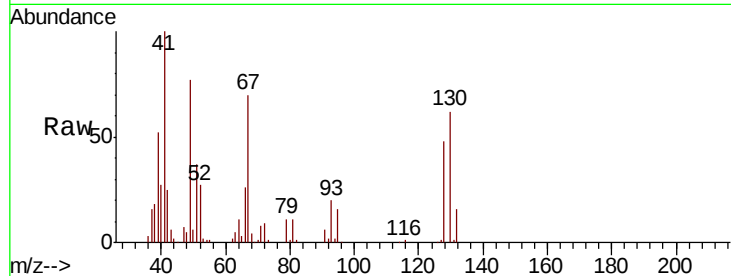
#41
Methacrylonitrile
Concen: 47.17 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

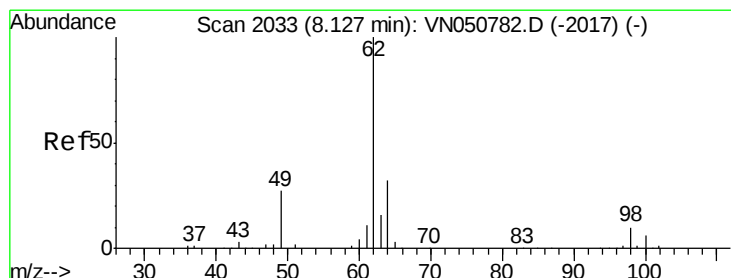
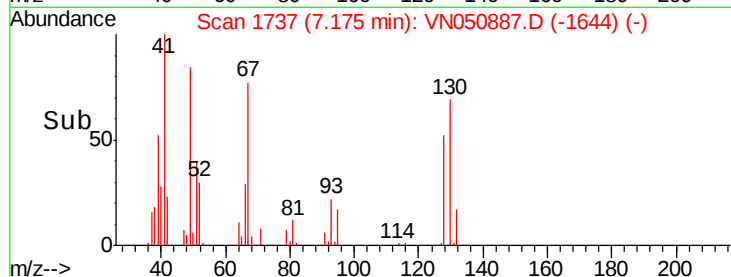
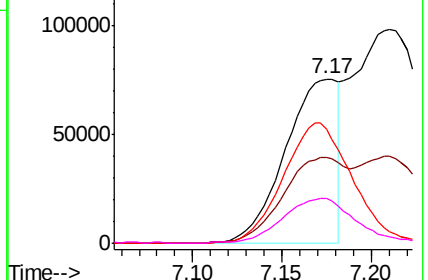
Tot Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.4	68.0
67	96.7	70.6	106.0
52	37.3	27.1	40.7

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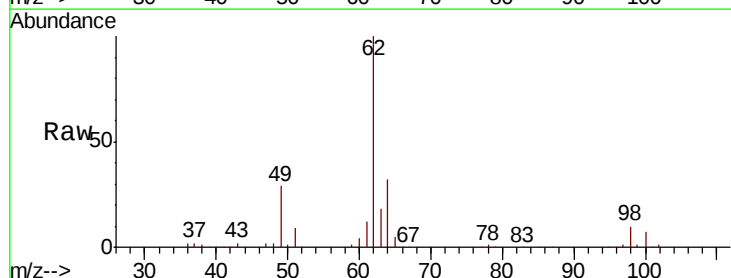


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

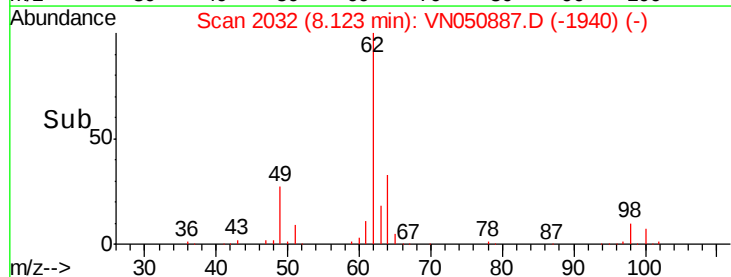
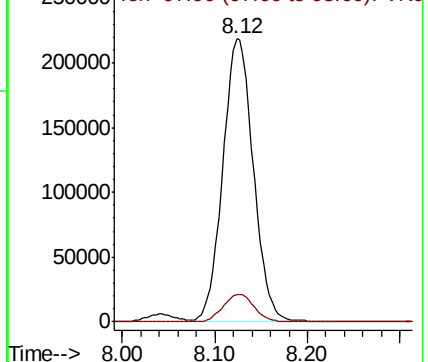


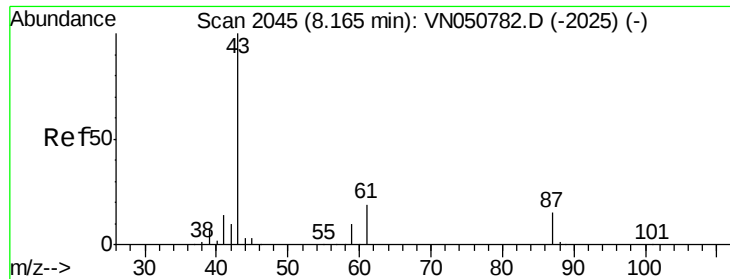
#42
1,2-Dichloroethane
Concen: 52.40 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.88 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

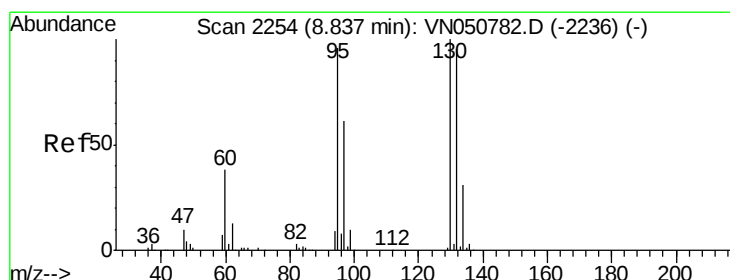
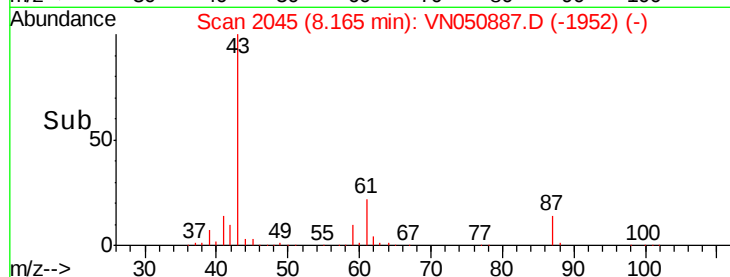
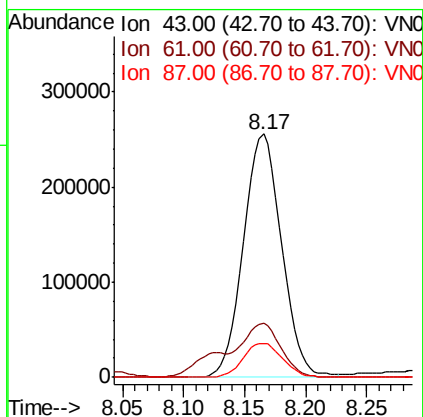
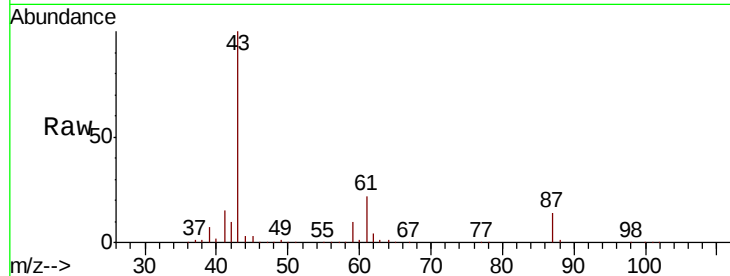
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	551310
Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.5	26.3
87	14.4	11.3	16.9

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#44

Trichloroethene

Concen: 52.97 ug/l

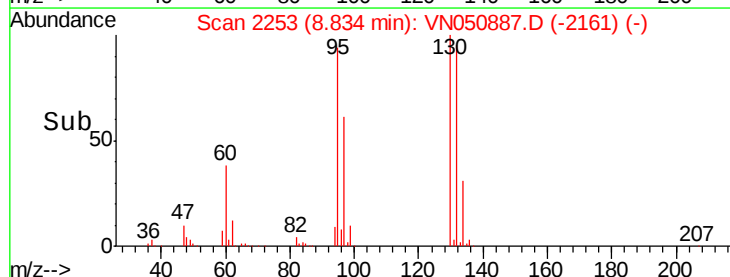
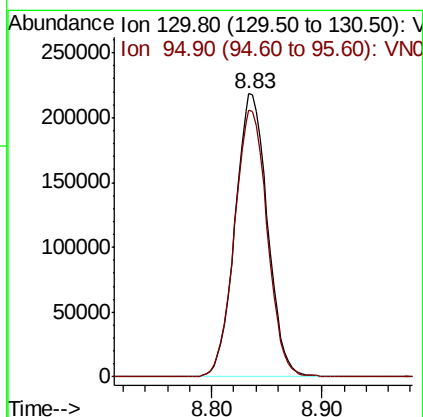
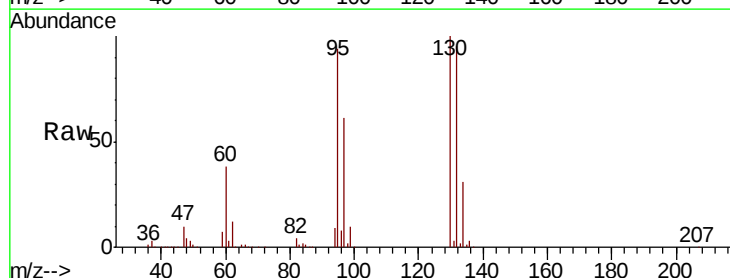
RT: 8.83 min Scan# 2253

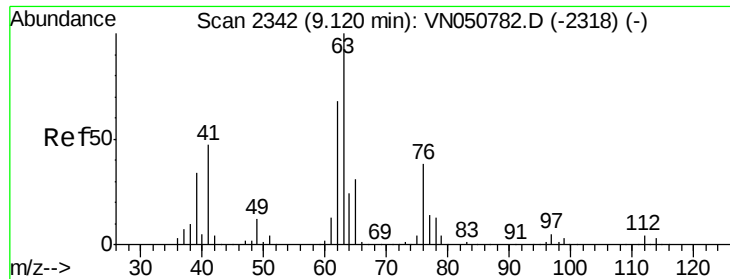
Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	130	Resp:	444727
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	193.0





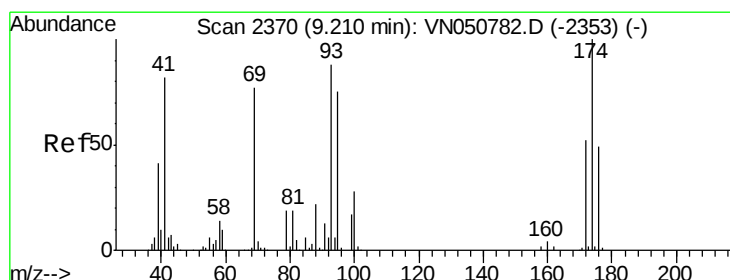
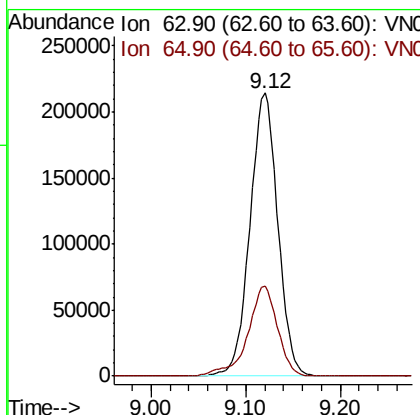
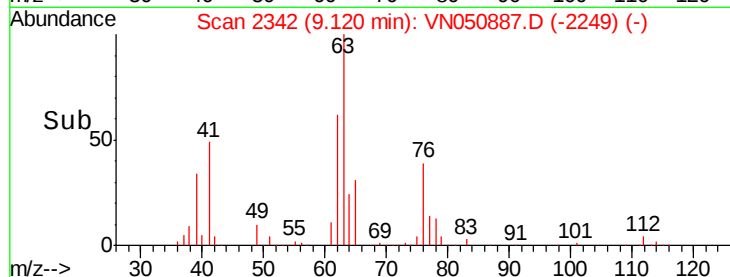
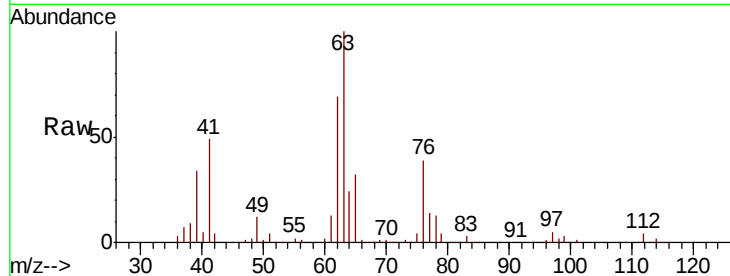
#45
 1,2-Dichloropropane
 Concen: 52.37 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.0	37.6

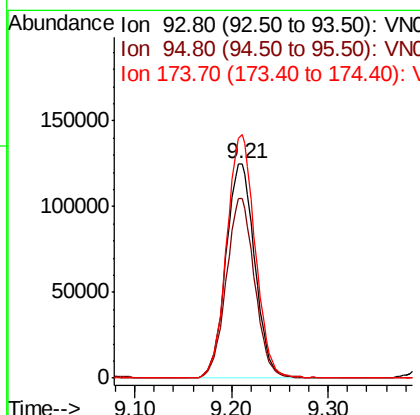
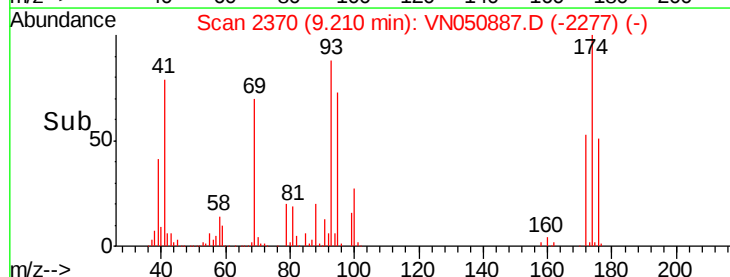
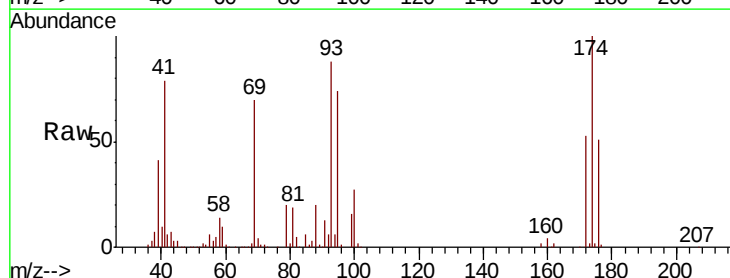
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#46
 Dibromomethane
 Concen: 52.72 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.7	100.1
174	111.8	89.8	134.6





#47

Bromodichloromethane

Concen: 54.30 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

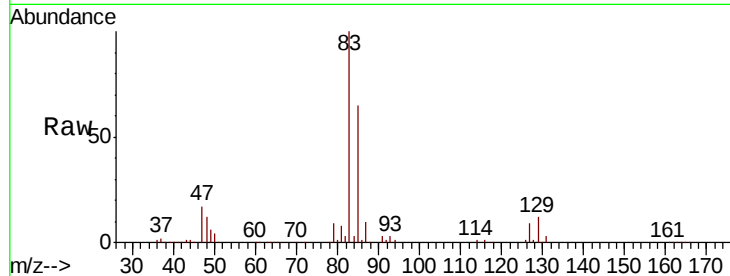
ClientSampleId :

VSTDCCC050

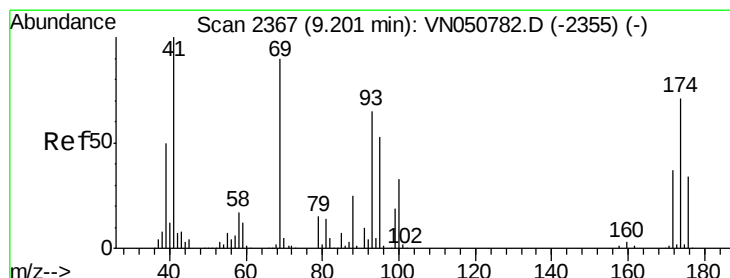
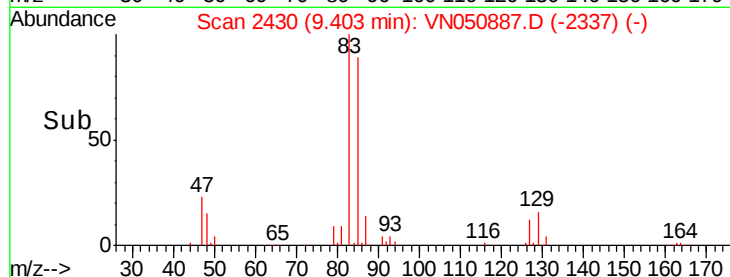
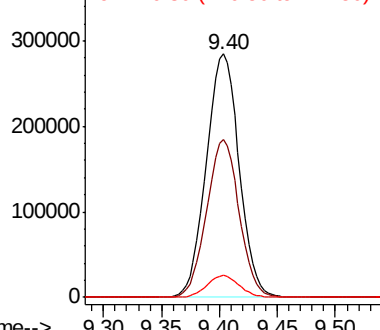
Tot Ion:	83	Resp:	559061
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.6	78.8
127	8.9	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VN050887.D (-2413) (-)



#48

Methyl methacrylate

Concen: 53.92 ug/l

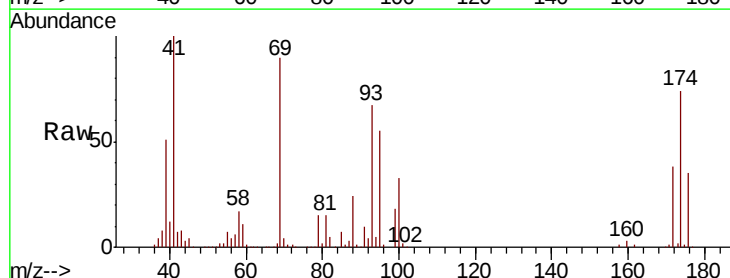
RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

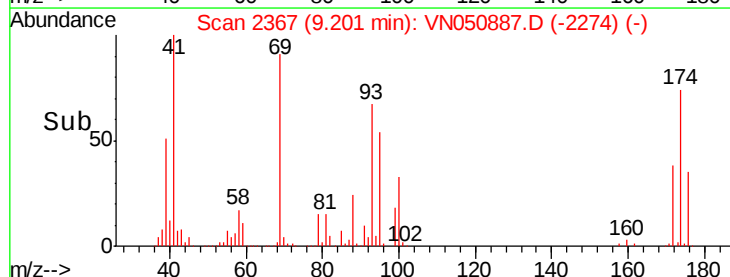
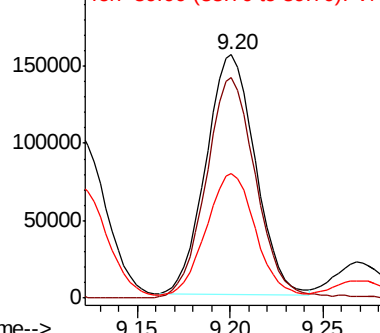
Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	41	Resp:	286519
Ion Ratio	Lower	Upper	
41	100		
69	92.9	74.7	112.1
39	52.9	42.2	63.2



Abundance Ion 41.00 (40.70 to 41.70): VN050887.D (-2355) (-)





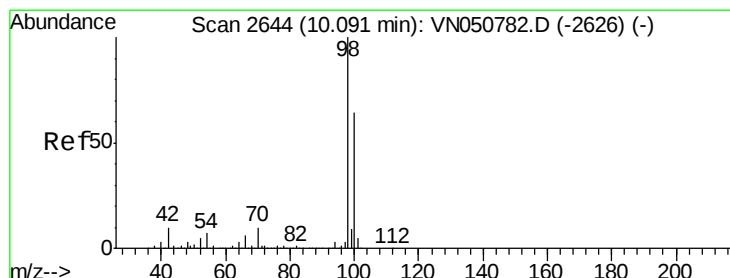
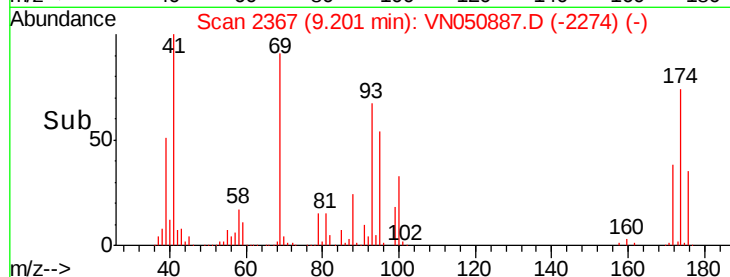
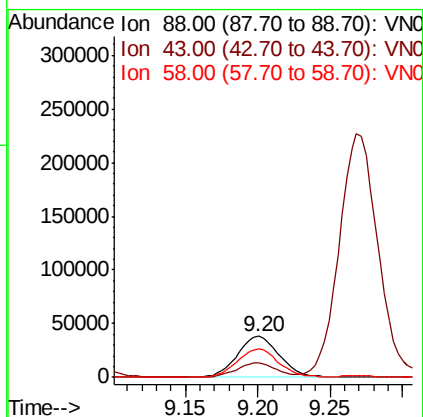
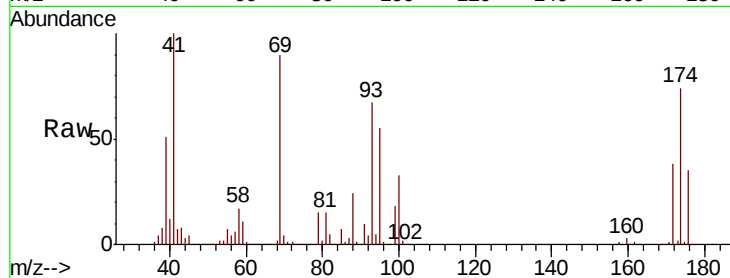
#49
1,4-Dioxane
Concen: 1073.32 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	77749
Ion Ratio	Lower	Upper	
88	100		
43	32.6	25.9	38.9
58	69.8	55.0	82.4

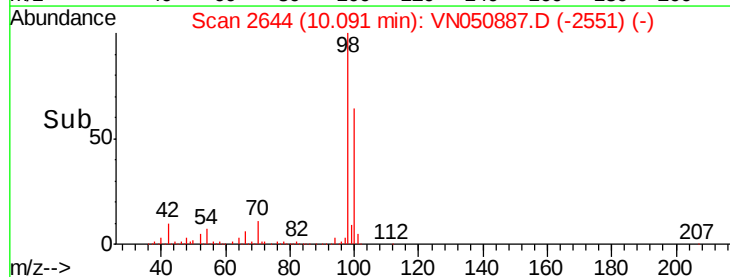
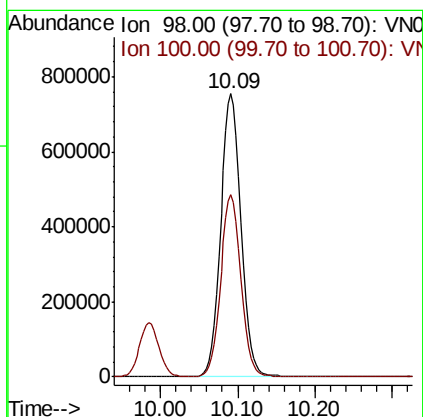
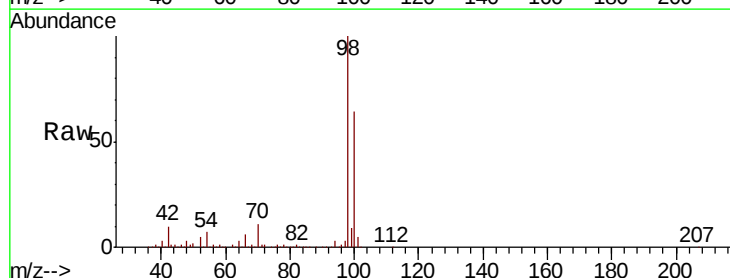
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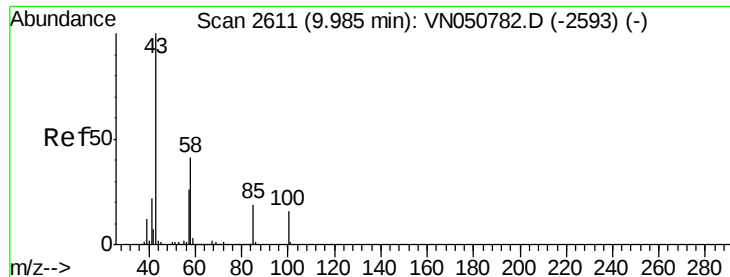
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#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	98	Resp	1383176
Ion Ratio	Lower	Upper	
98	100		
100	63.7	51.5	77.3





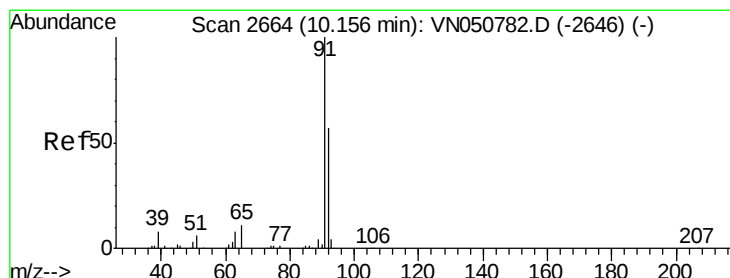
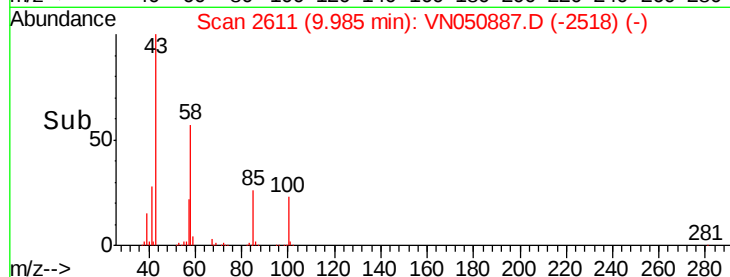
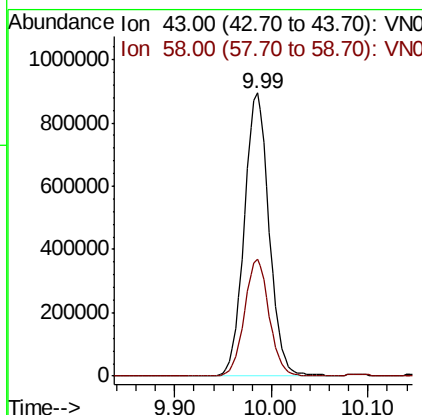
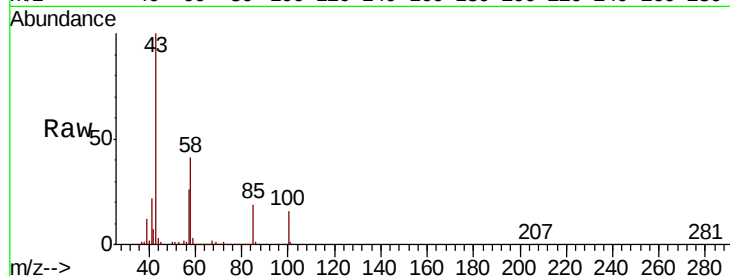
#51
 4-Methyl-2-Pentanone
 Concen: 255.64 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1590604
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.4 48.6

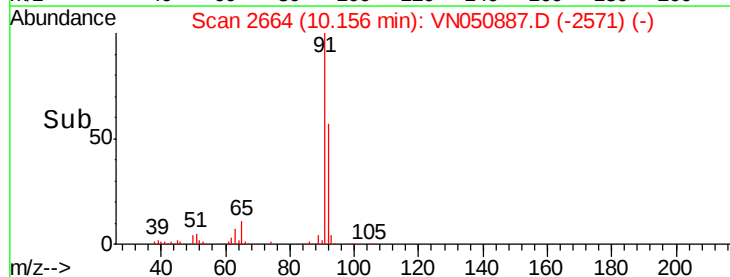
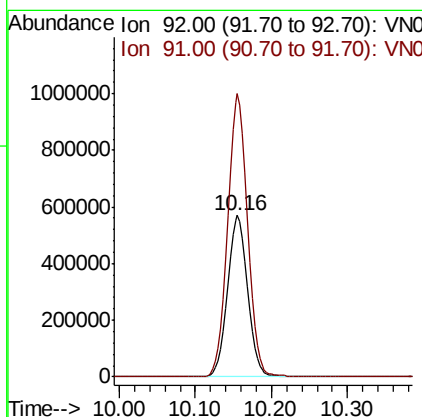
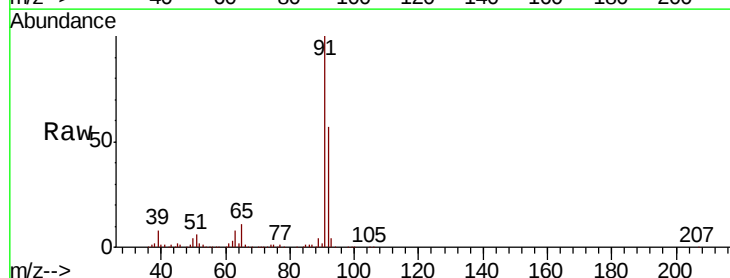
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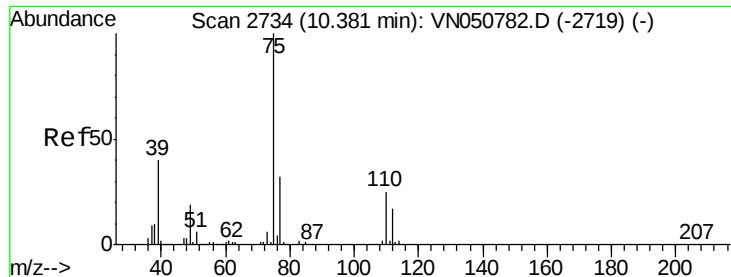
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#52
 Toluene
 Concen: 55.83 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion: 92 Resp: 1052887
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.6 211.0





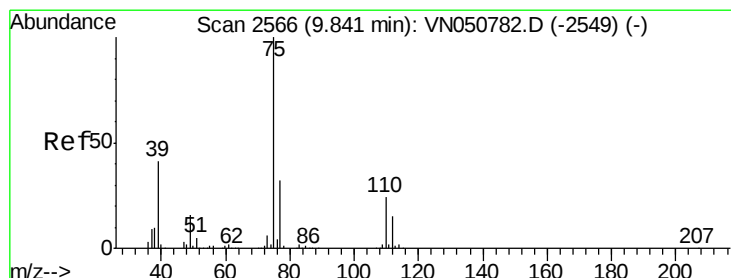
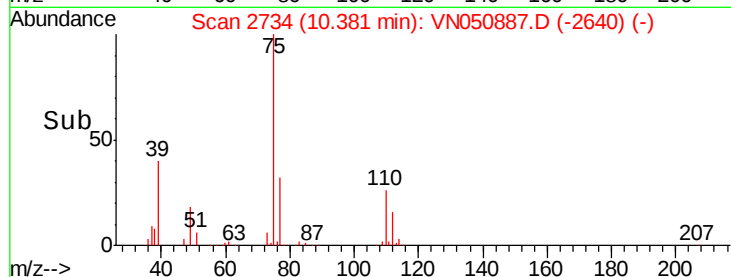
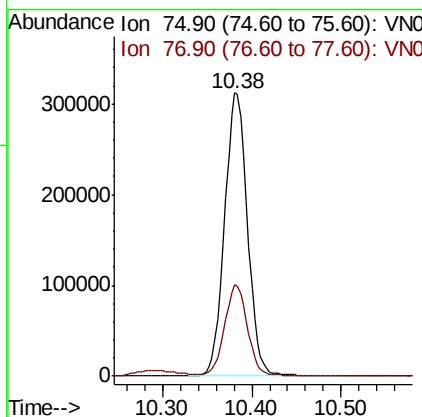
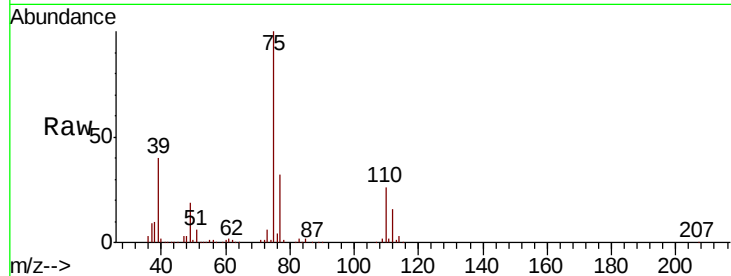
#53
t-1,3-Dichloropropene
Concen: 54.17 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5

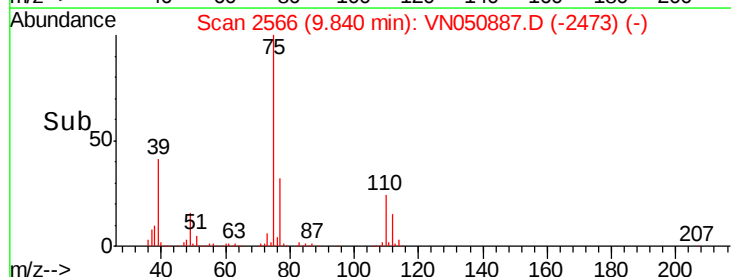
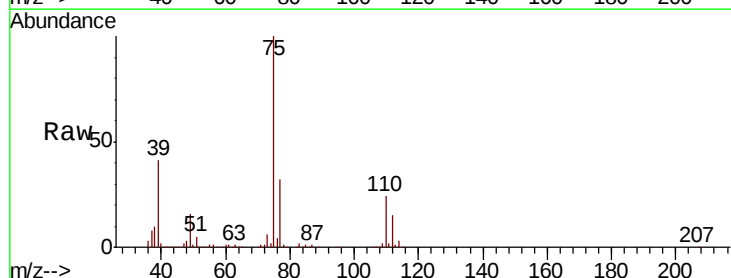
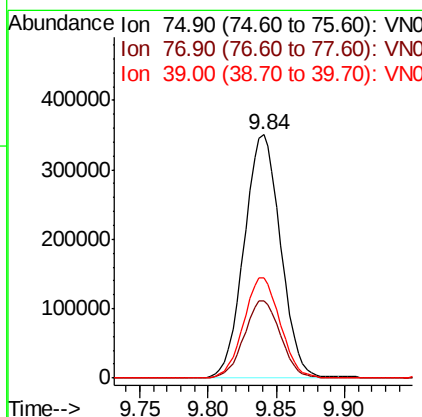
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#54
cis-1,3-Dichloropropene
Concen: 55.42 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
39	41.2	33.0	49.4





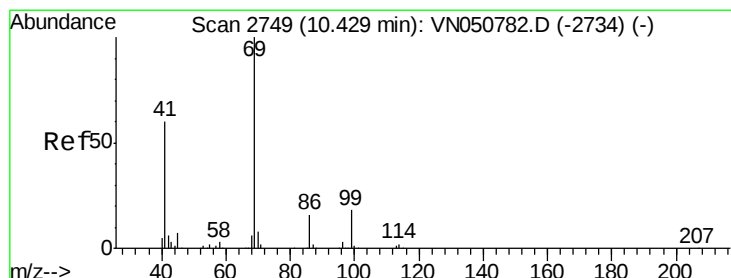
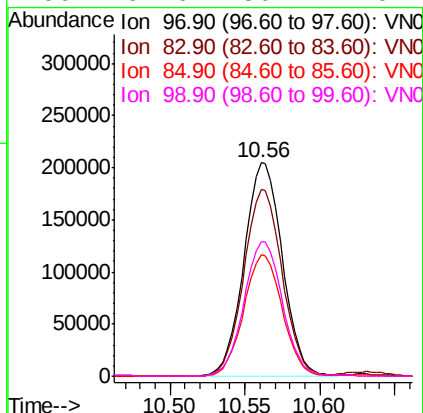
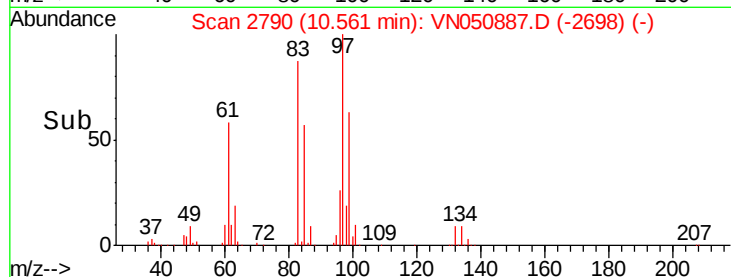
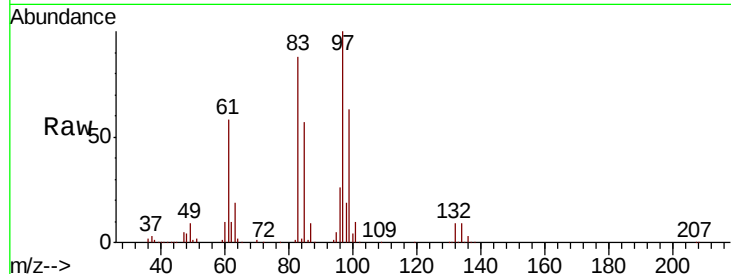
#55
 1,1,2-Trichloroethane
 Concen: 52.37 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		366531		
83	87.5	69.7	104.5		
85	56.7	44.5	66.7		
99	62.6	50.7	76.1		

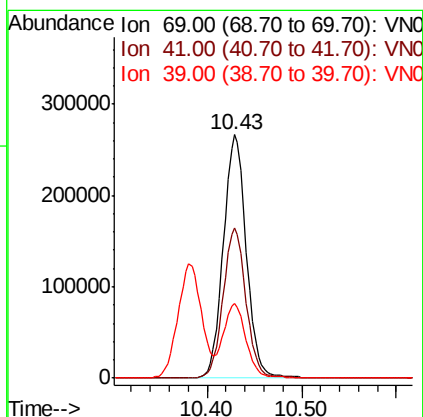
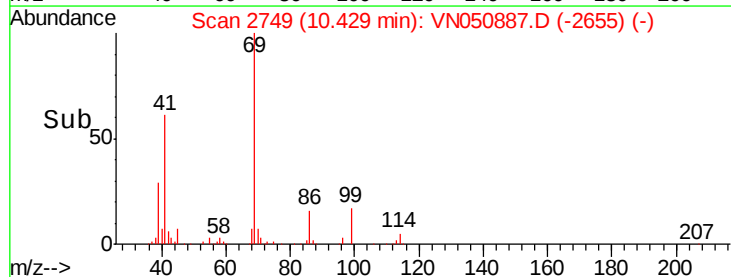
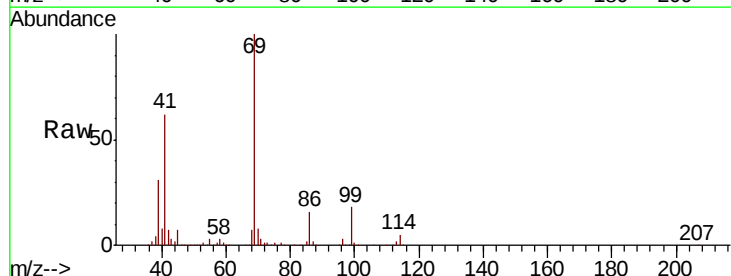
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#56
 Ethyl methacrylate
 Concen: 49.45 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		449998		
41	60.4	48.3	72.5		
39	30.3	24.0	36.0		





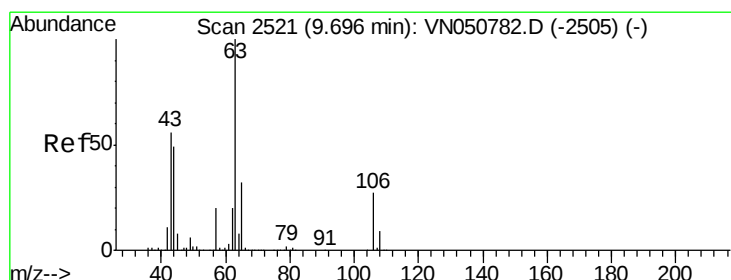
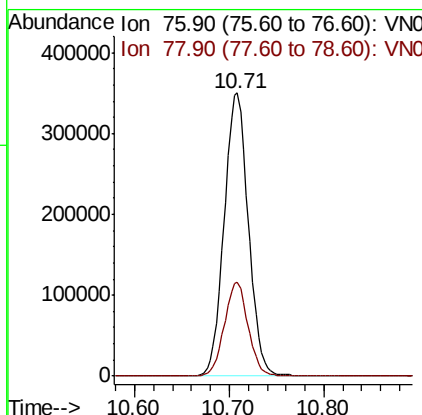
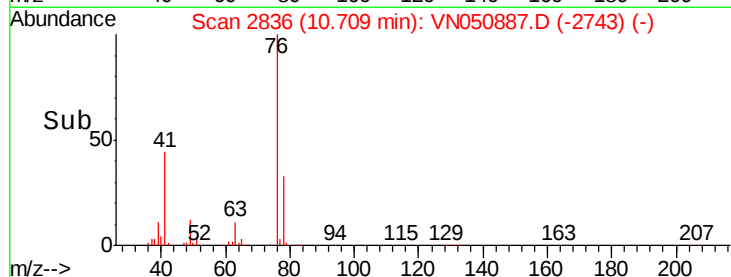
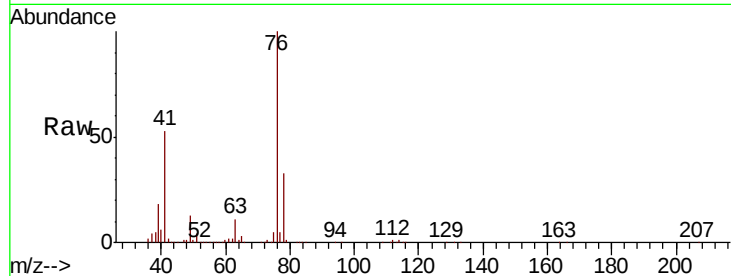
#57
 1,3-Dichloropropane
 Concen: 53.92 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 622910
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3

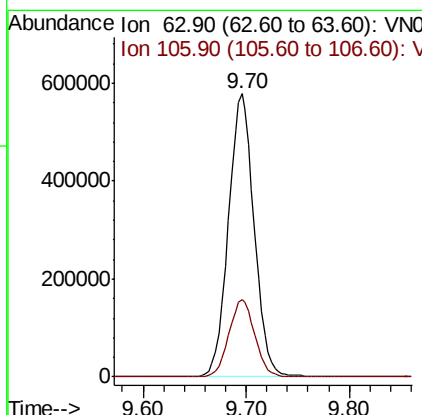
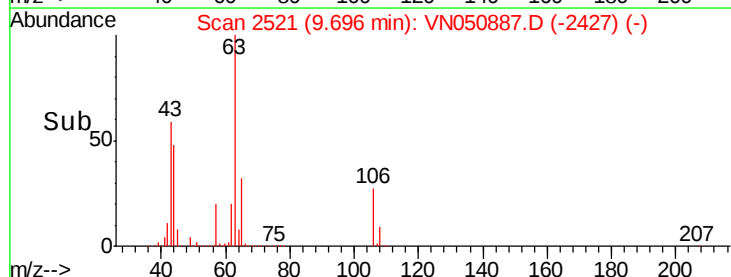
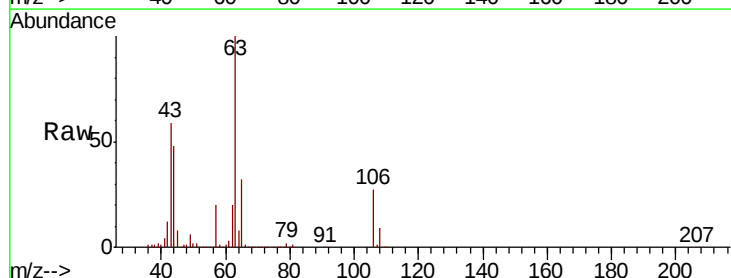
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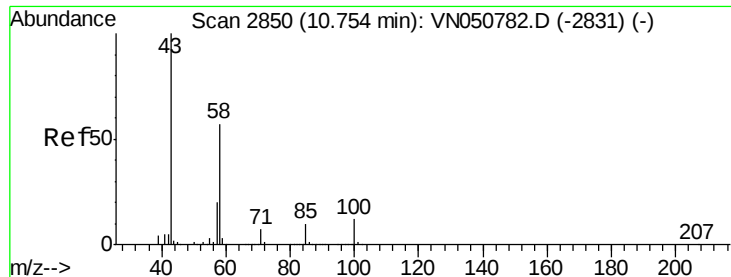
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.68 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion: 63 Resp: 1004456
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.9 32.9





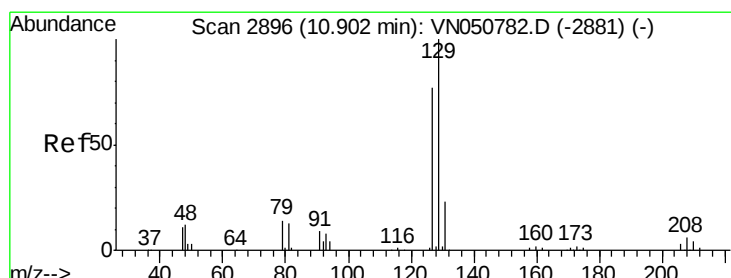
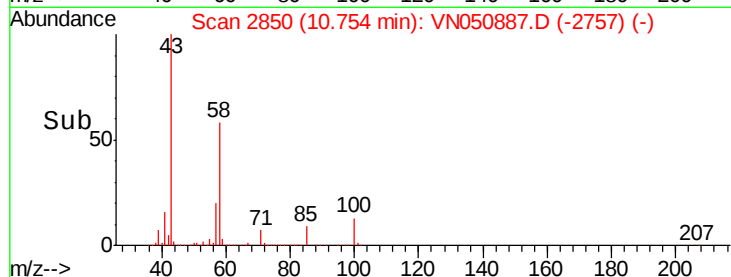
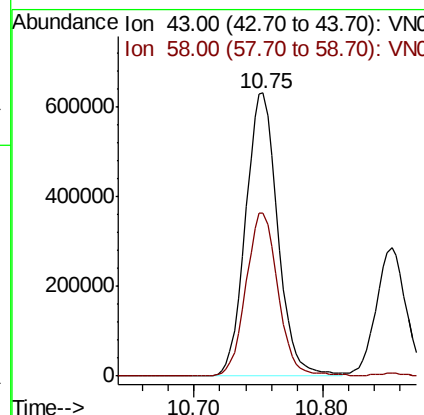
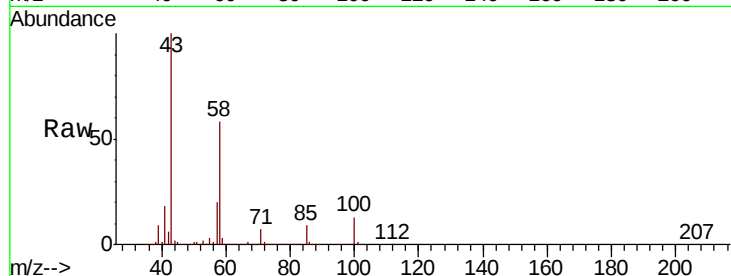
#59
2-Hexanone
Concen: 264.56 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1095833
Ion Ratio Lower Upper
43 100
58 57.7 28.3 85.0

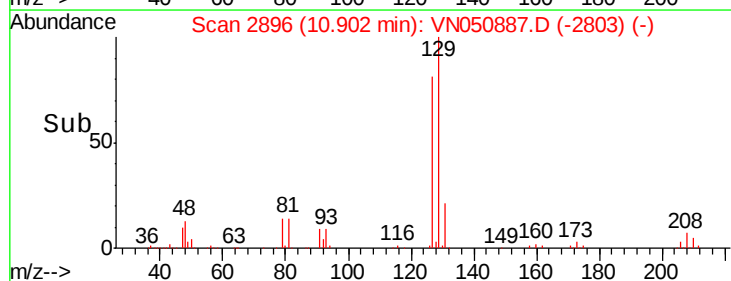
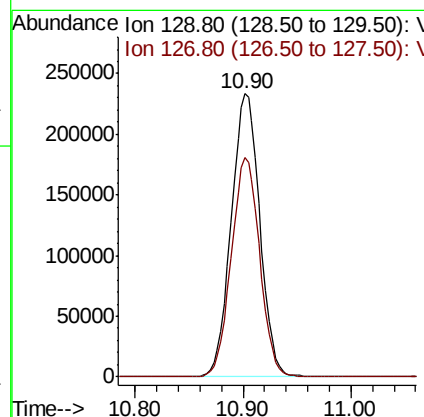
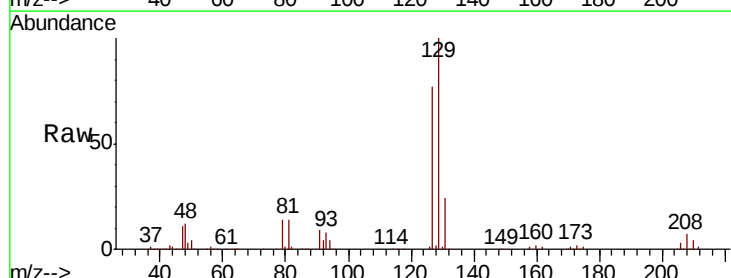
Manual Integrations
APPROVED

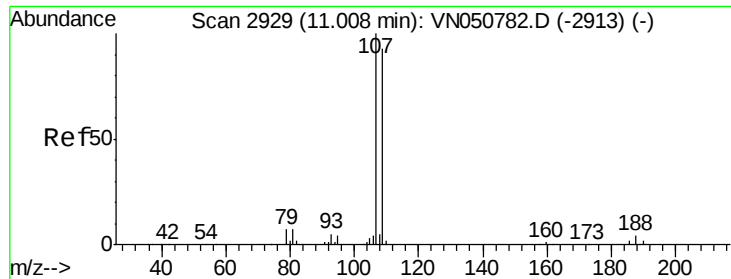
MMDadoda
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#60
Dibromochloromethane
Concen: 54.89 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion: 129 Resp: 430128
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





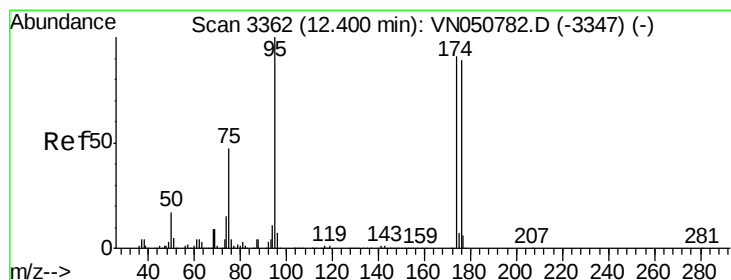
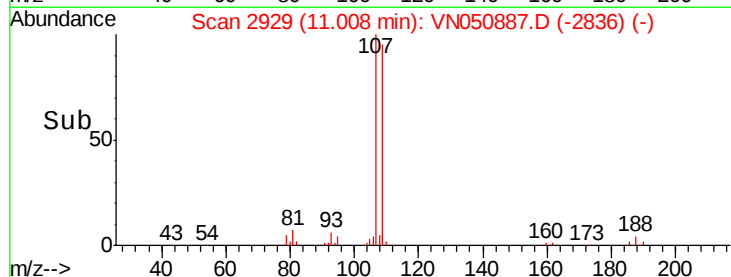
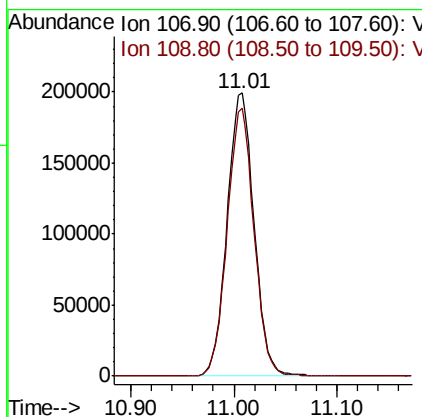
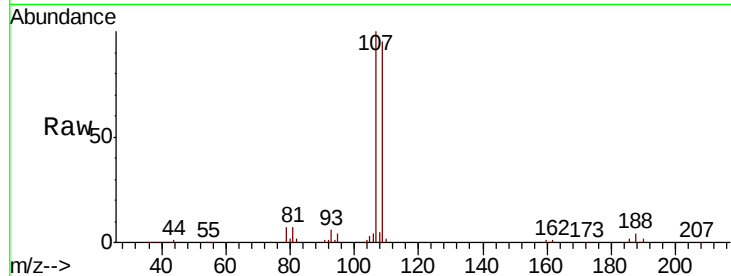
#61
 1,2-Dibromoethane
 Concen: 53.68 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.2

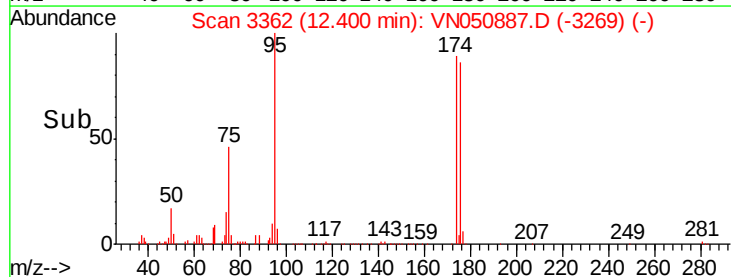
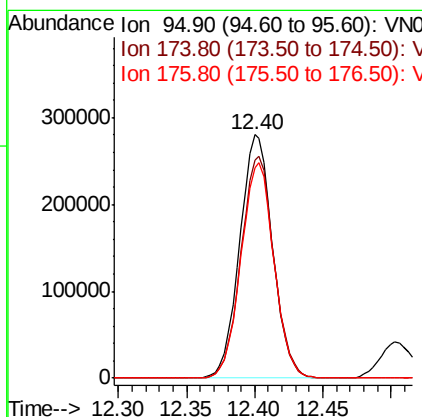
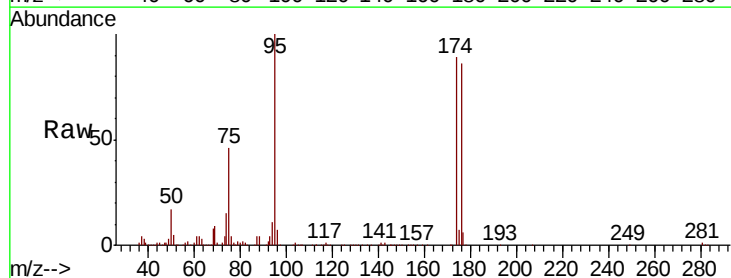
Manual Integrations
 APPROVED

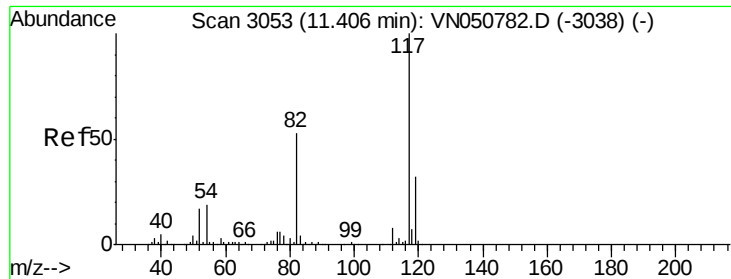
MMDadoda
 8/28/2018 12:20:21 PM



#62
 4-Bromofluorobenzene
 Concen: 52.98 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	183.0
176	88.6	0.0	178.8





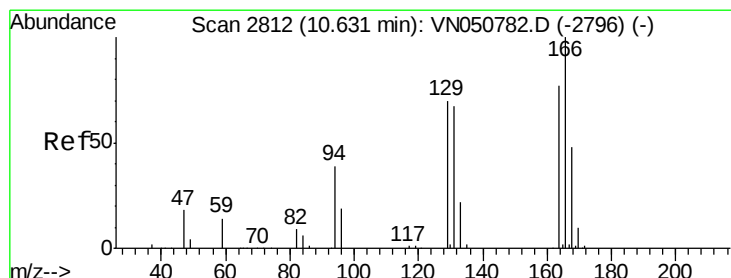
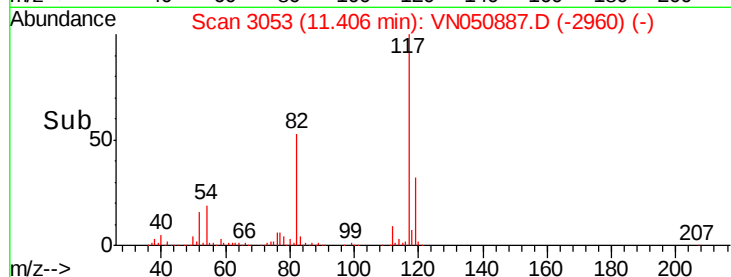
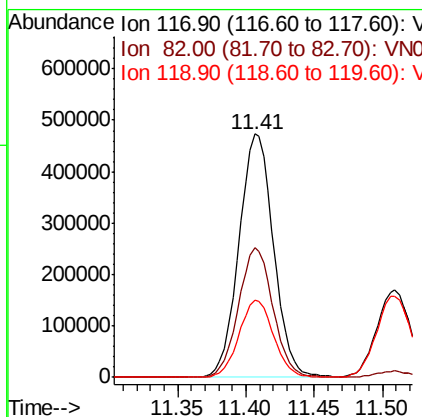
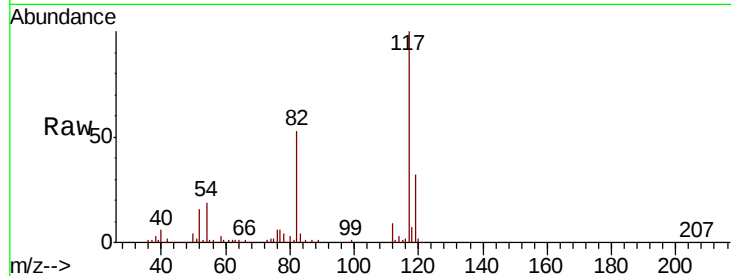
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	64.0
119	31.6	25.8	38.6

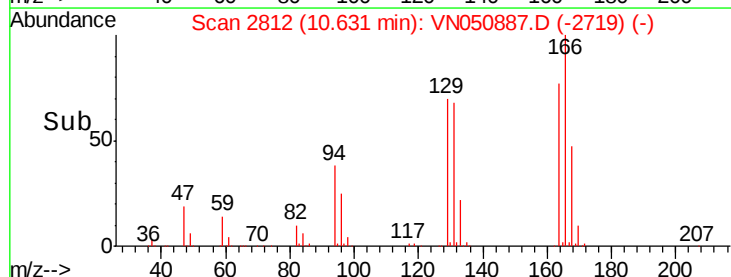
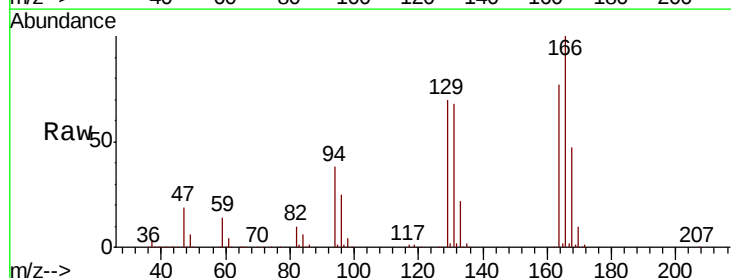
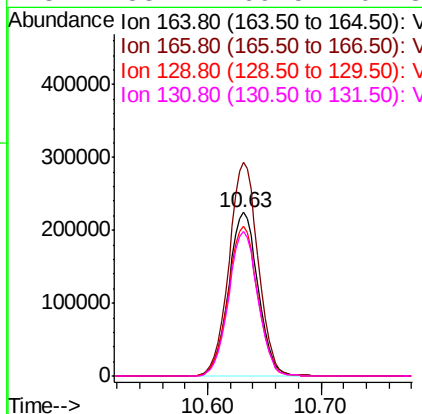
Manual Integrations
APPROVED

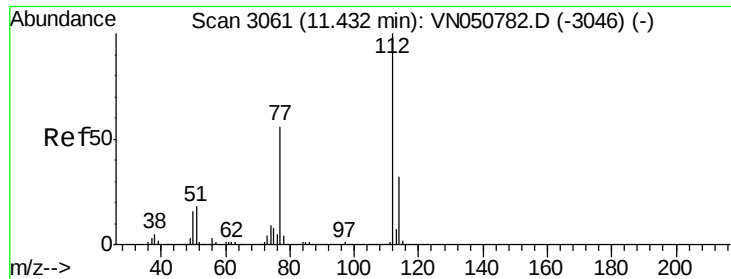
MMDadoda
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#64
Tetrachloroethene
Concen: 51.40 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.5	155.3
129	91.6	72.7	109.1
131	88.2	69.5	104.3





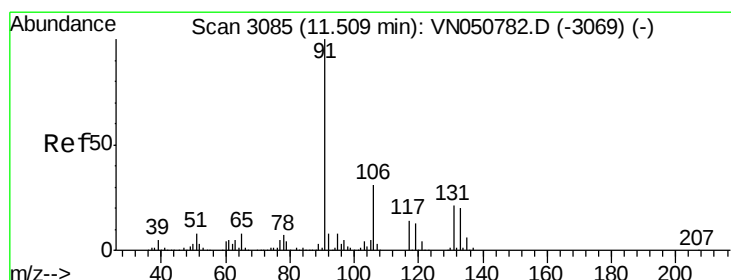
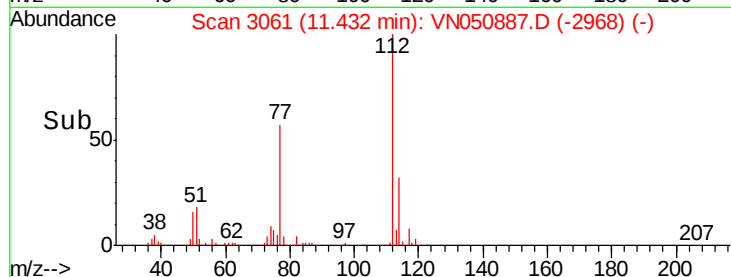
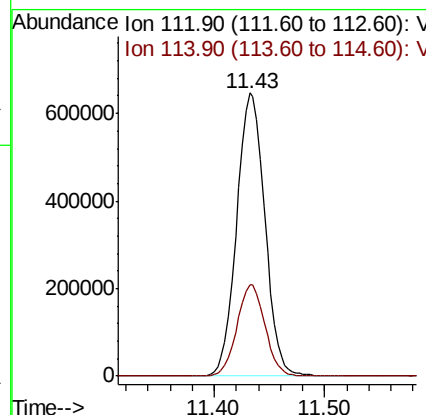
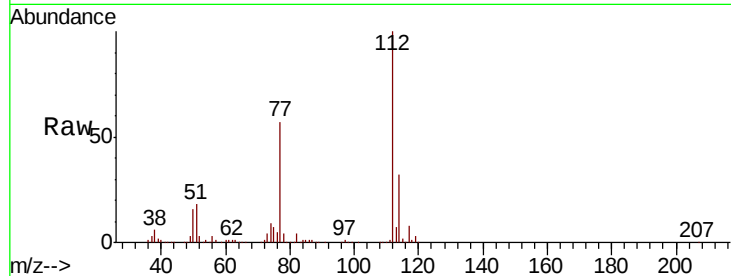
#65
Chlorobenzene
Concen: 52.61 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1145752
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

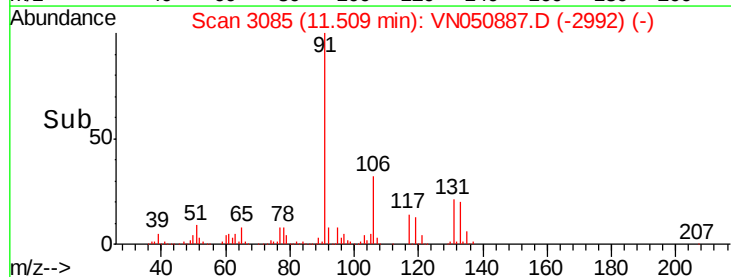
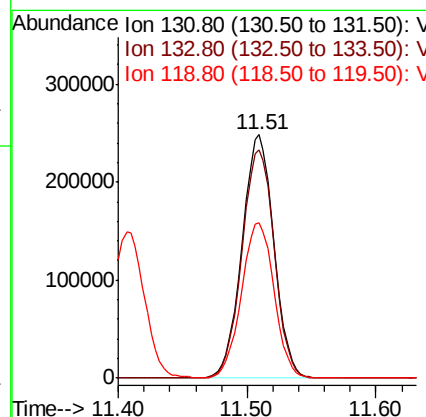
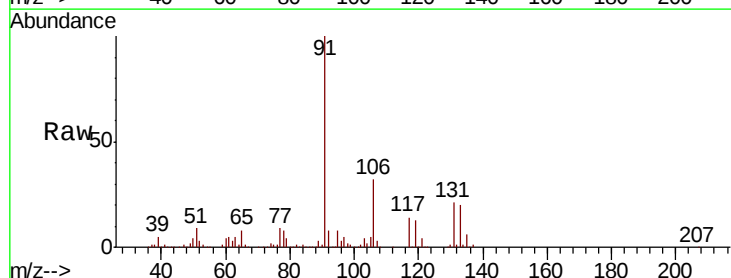
Manual Integrations
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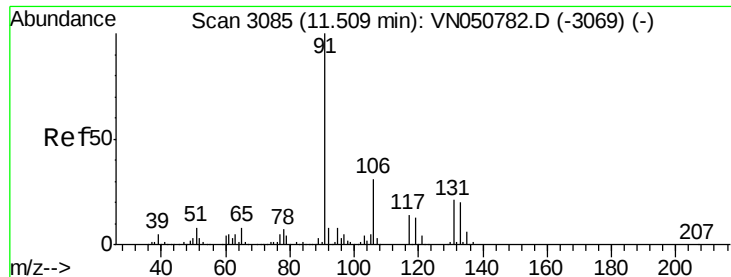
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.54 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion:131 Resp: 426582
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 65.3 32.8 98.4





#67

Ethyl Benzene

Concen: 55.65 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1970212

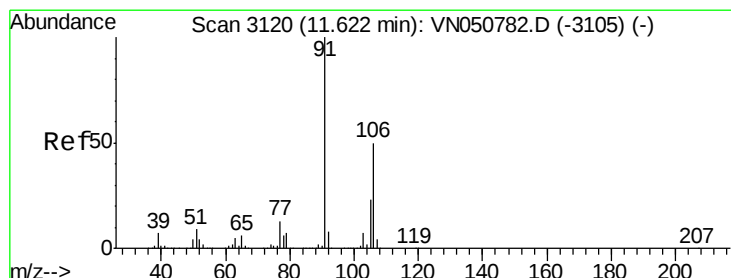
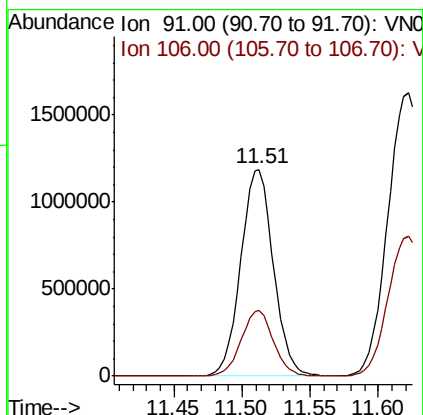
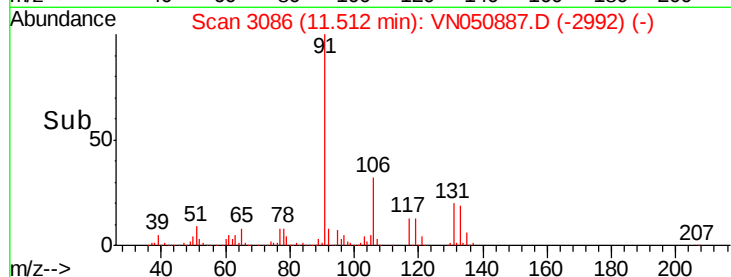
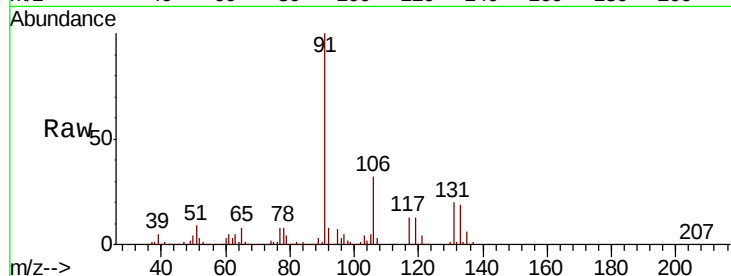
Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 114.27 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050887.D

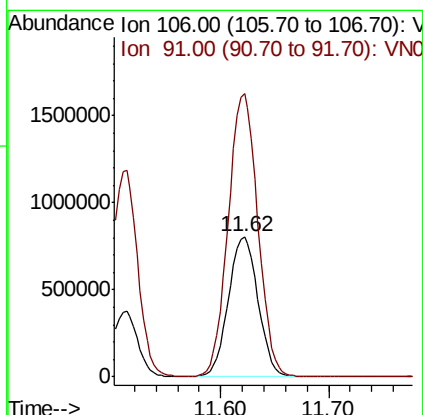
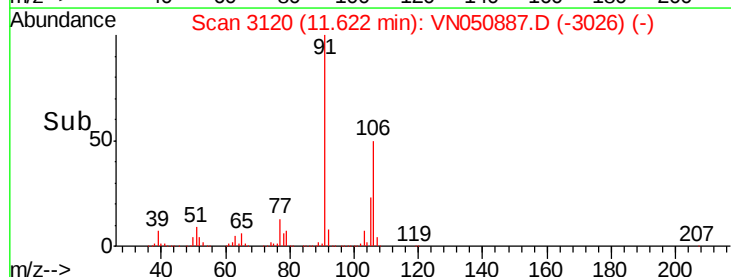
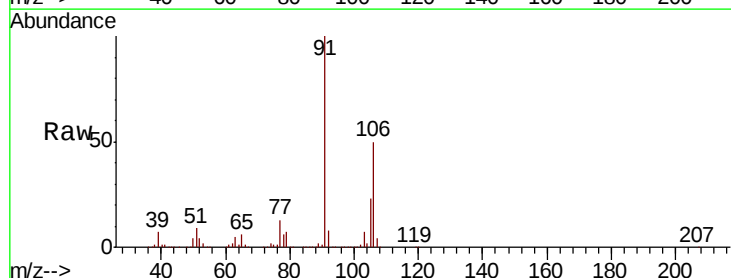
Acq: 27 Aug 2018 10:19

Tgt Ion: 106 Resp: 1535594

Ion Ratio Lower Upper

106 100

91 201.9 161.0 241.6





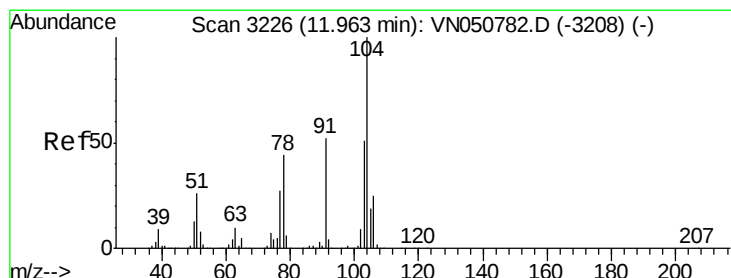
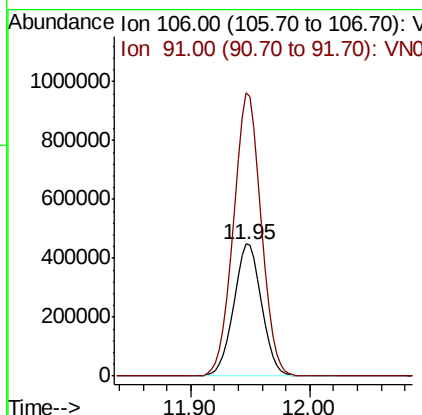
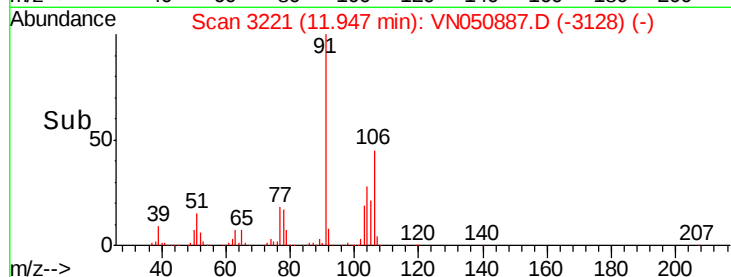
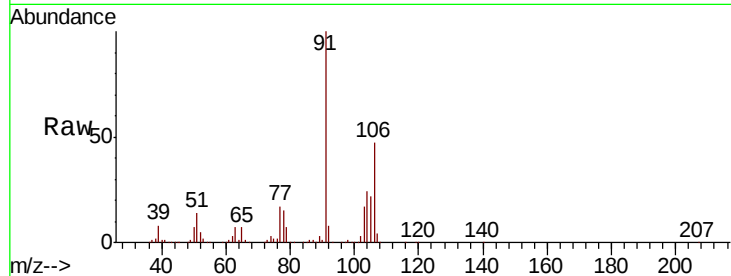
#69
o-Xylene
Concen: 56.44 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.0	106.5	319.5

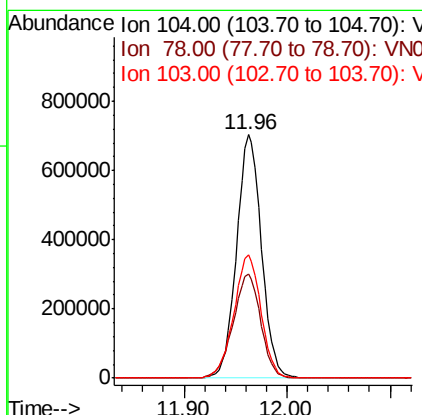
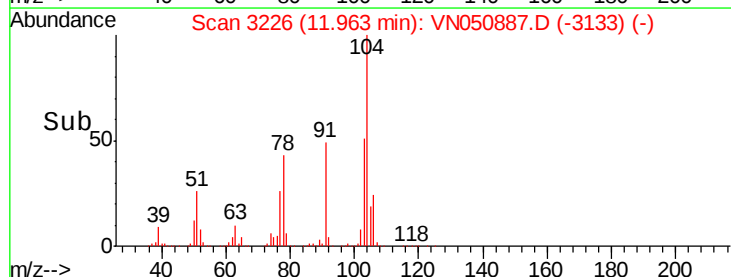
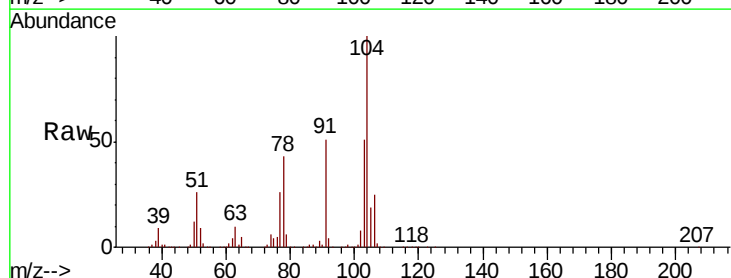
Manual Integrations
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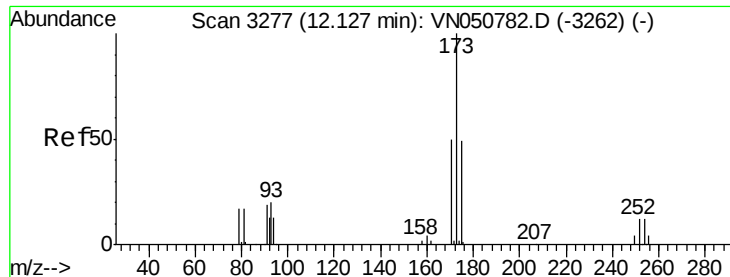
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#70
Styrene
Concen: 51.87 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	38.2	57.4
103	55.1	44.4	66.6





#71

Bromoform

Concen: 54.70 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

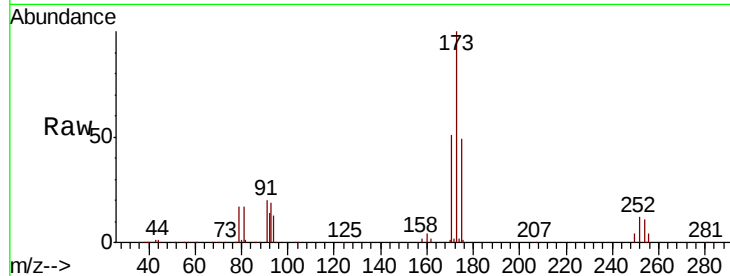
ClientSampleId :

VSTDCCC050

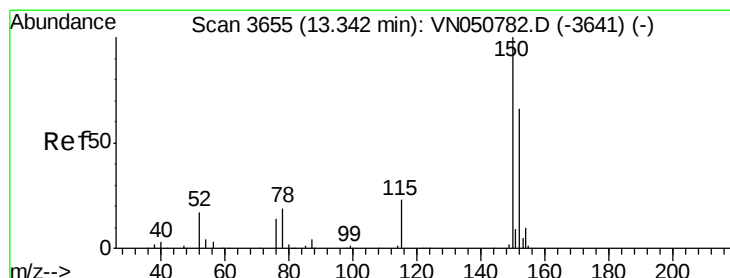
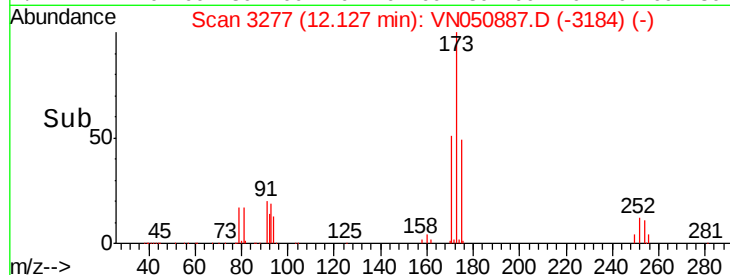
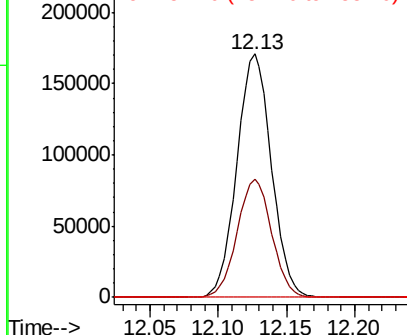
Tot Ion:	173	Resp:	299735
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.4	73.4
254	0.1	0.1	0.1#

Manual Integrations
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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: 50.00 ug/l

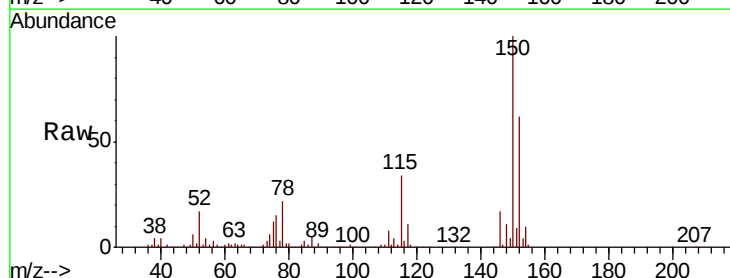
RT: 13.34 min Scan# 3655

Delta R.T. -0.00 min

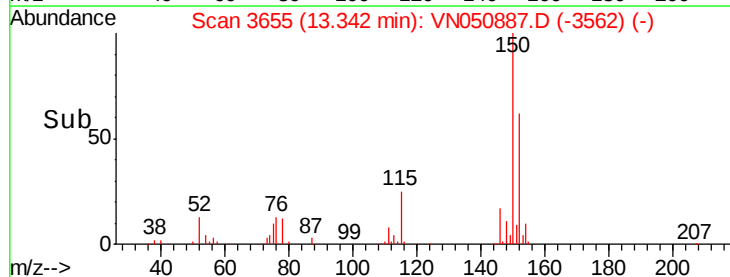
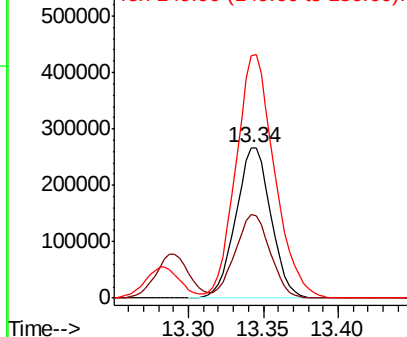
Lab File: VN050887.D

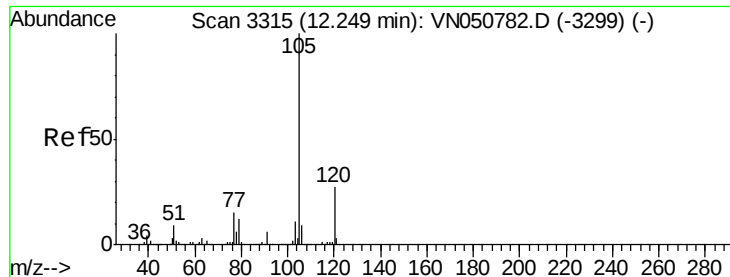
Acq: 27 Aug 2018 10:19

Tgt Ion:	152	Resp:	435466
Ion Ratio	Lower	Upper	
152	100		
115	55.9	27.8	83.4
150	178.3	0.0	351.4



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: 54.23 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 1955545

Ion Ratio Lower Upper

105 100

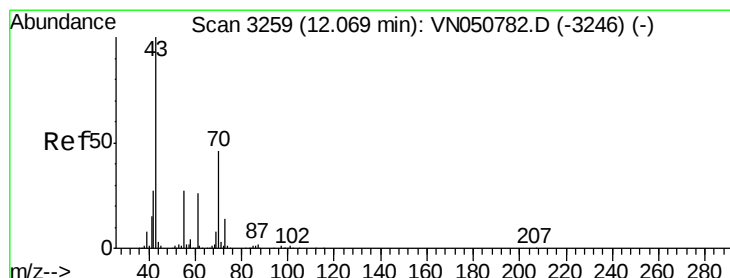
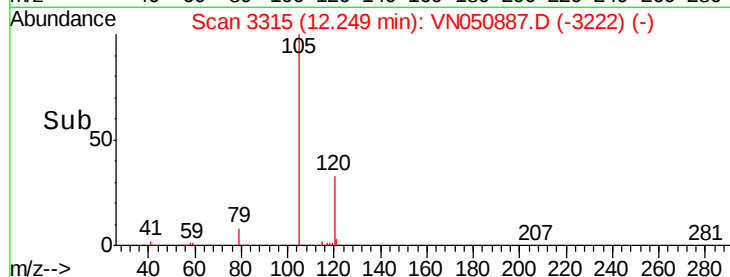
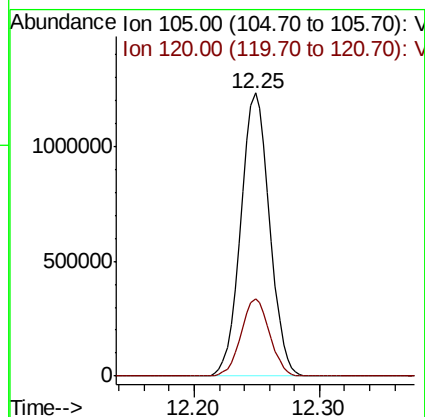
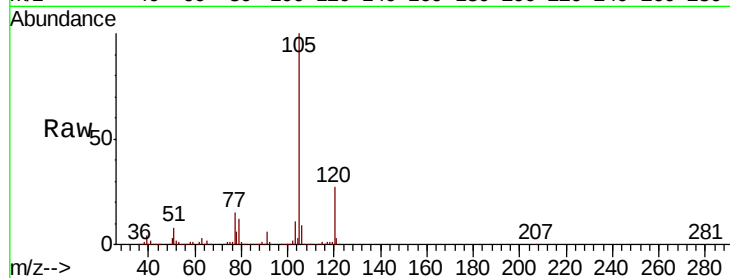
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.58 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion: 43 Resp: 467354

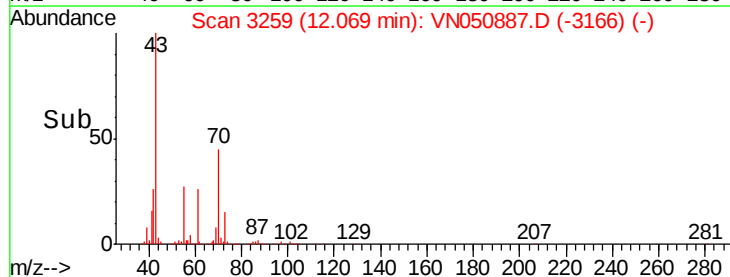
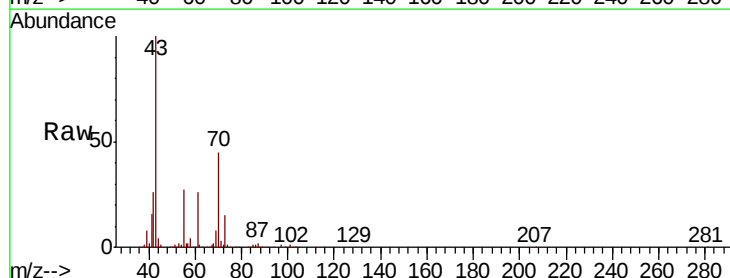
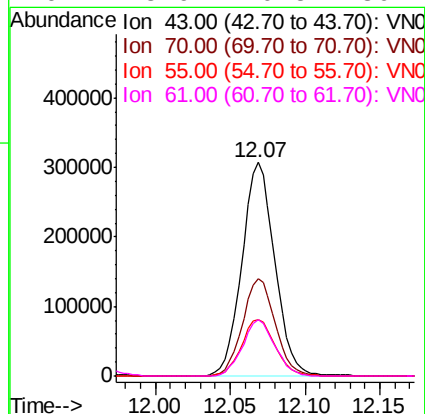
Ion Ratio Lower Upper

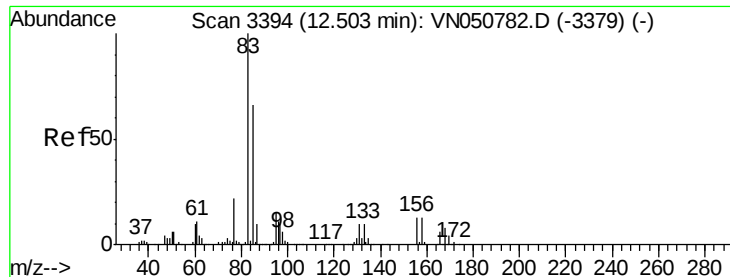
43 100

70 45.4 36.2 54.2

55 27.2 21.8 32.8

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.49 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

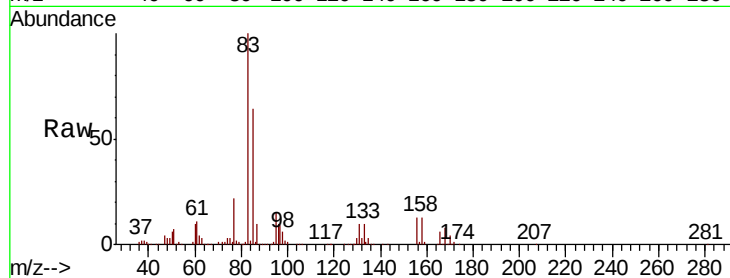
ClientSampled :

VSTDCCC050

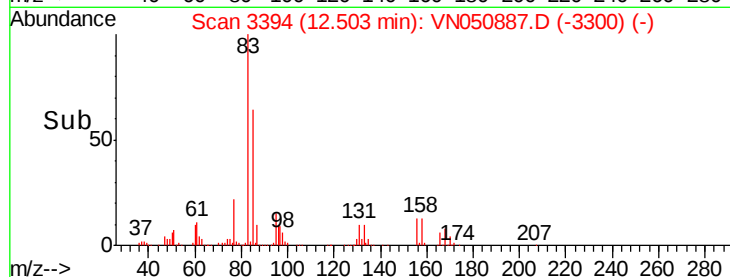
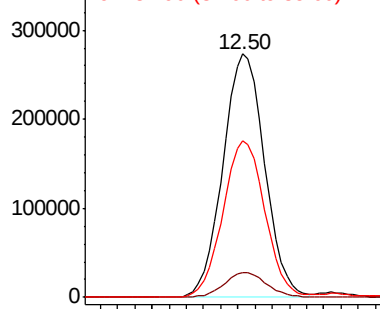
Tot Ion:	83	Resp:	458876
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.9
85	64.7	31.9	95.7

Manual Integrations
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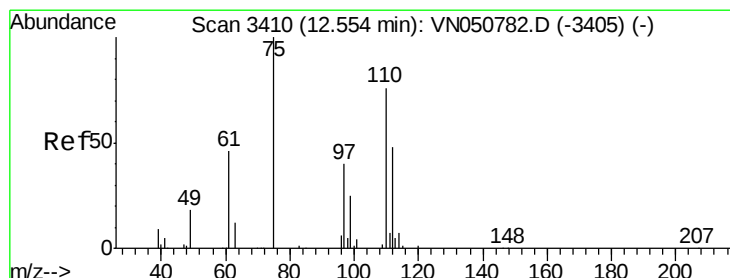
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN050887.D (-3300) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 47.37 ug/l m

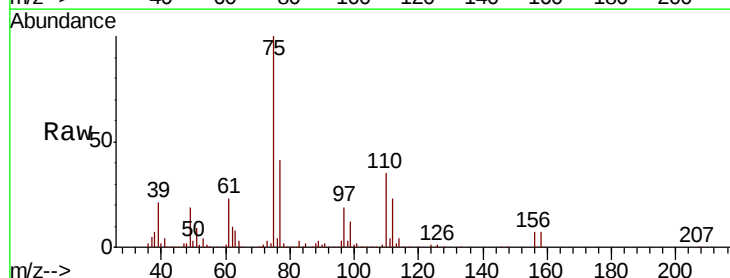
RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

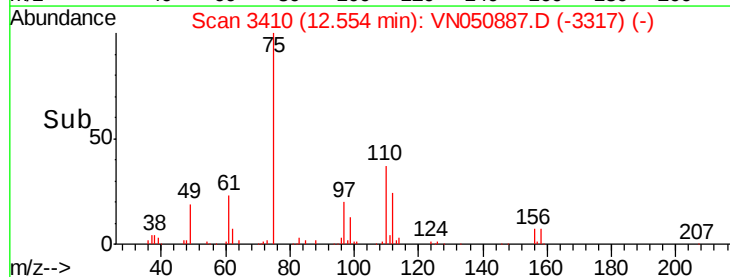
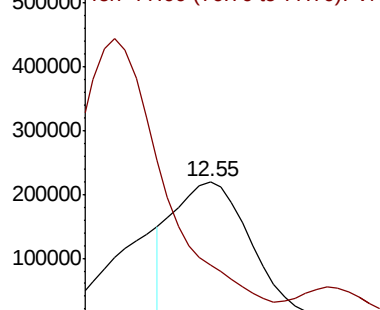
Lab File: VN050887.D

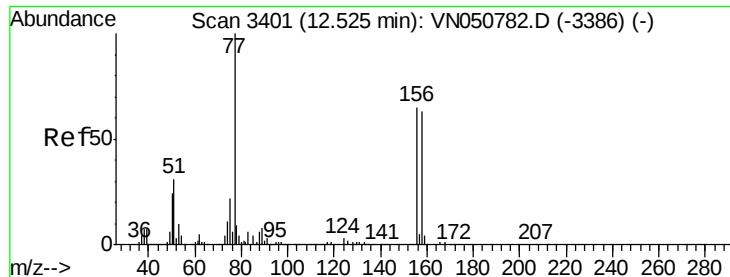
Acq: 27 Aug 2018 10:19

Tgt Ion:	75	Resp:	361312
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050887.D (-3317) (-)





#77

Bromobenzene

Concen: 50.51 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

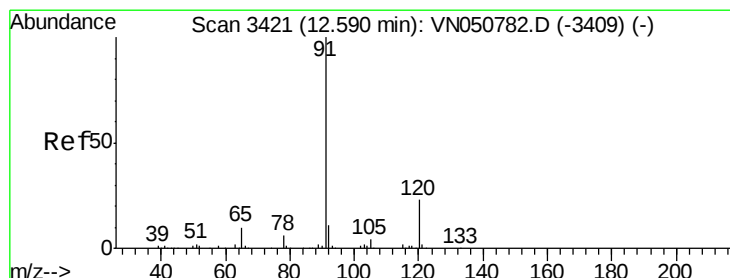
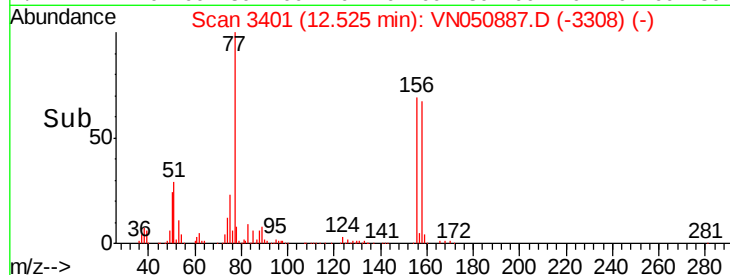
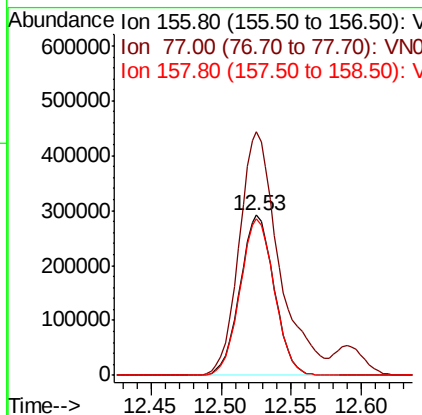
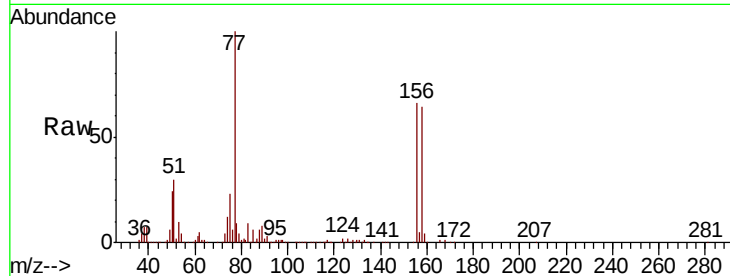
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	494973
Ion Ratio	Lower	Upper	
156	100		
77	176.5	89.9	269.7
158	98.1	49.3	147.9

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#78

n-propylbenzene

Concen: 55.83 ug/l

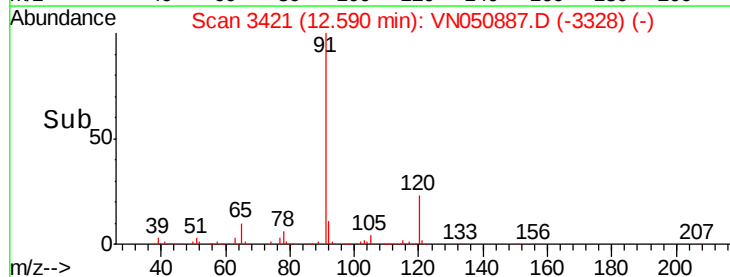
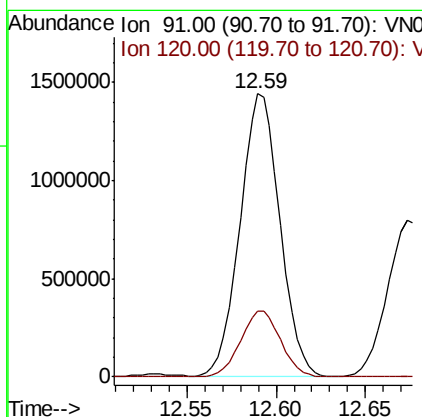
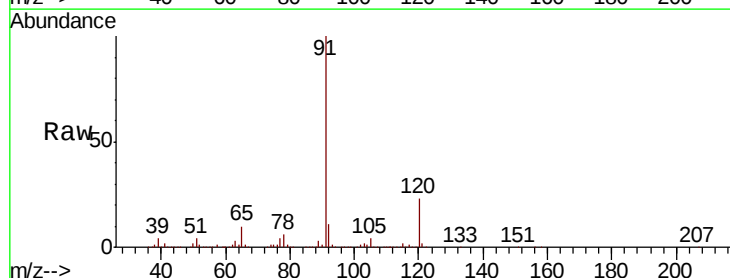
RT: 12.59 min Scan# 3421

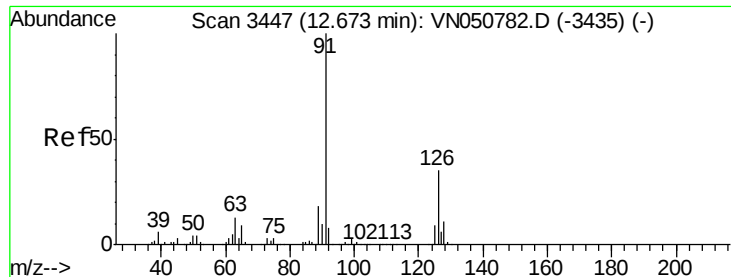
Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	91	Resp:	2248954
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 52.82 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1325239

Ion Ratio Lower Upper

91 100

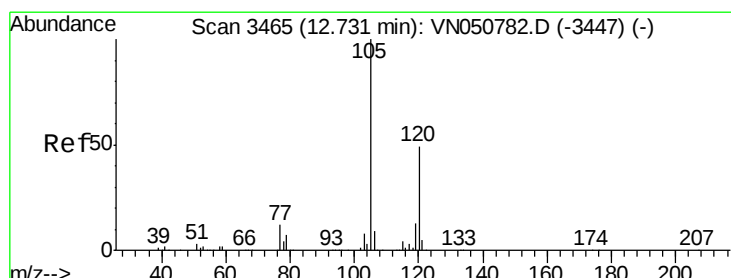
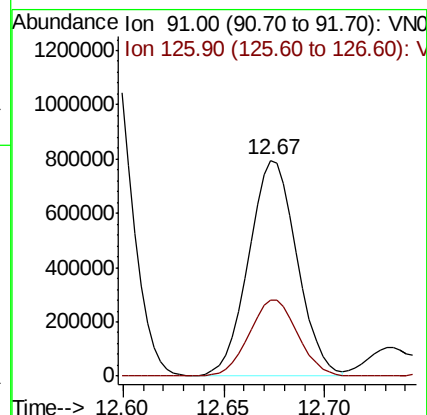
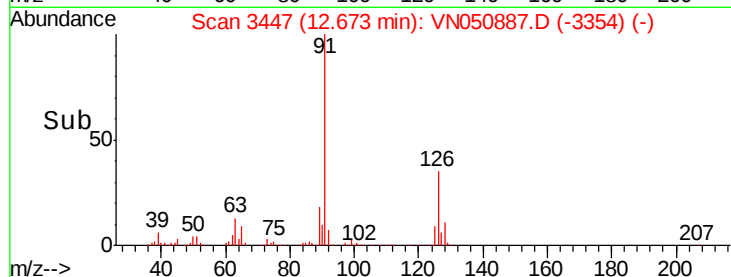
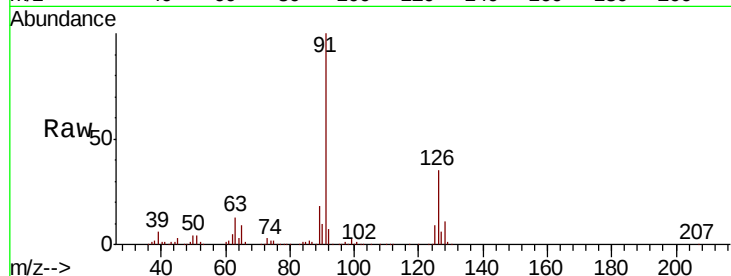
126 35.7 17.8 53.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.07 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050887.D

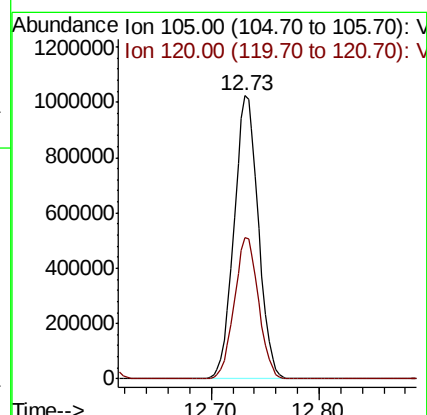
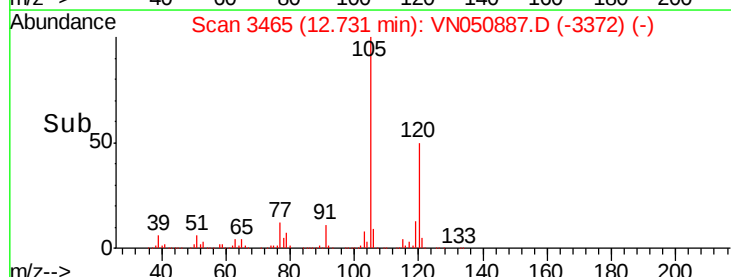
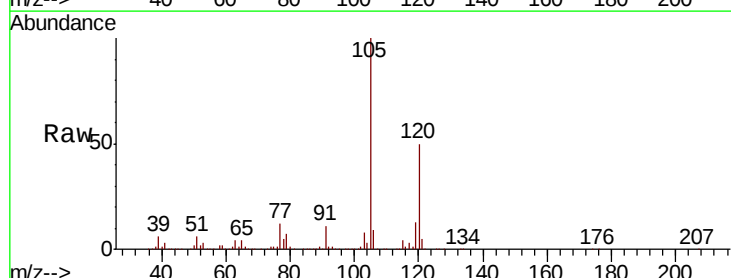
Acq: 27 Aug 2018 10:19

Tgt Ion: 105 Resp: 1602176

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.96 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 119490

Ion Ratio Lower Upper

75 100

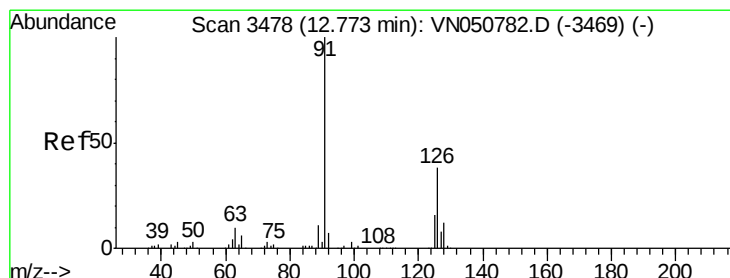
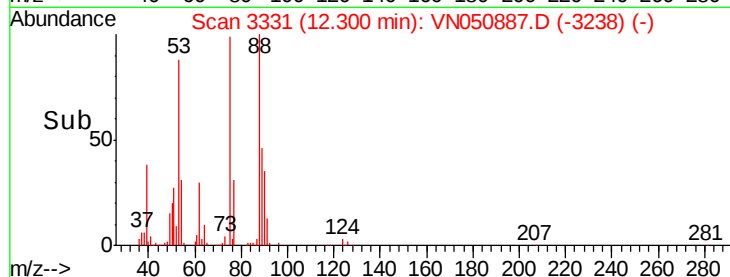
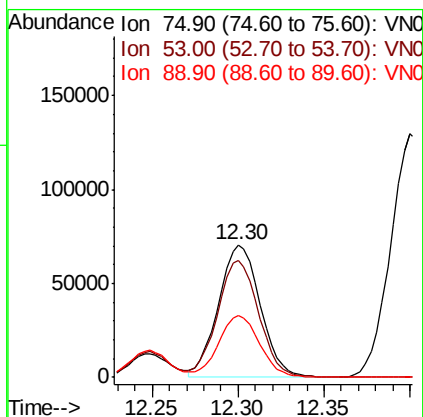
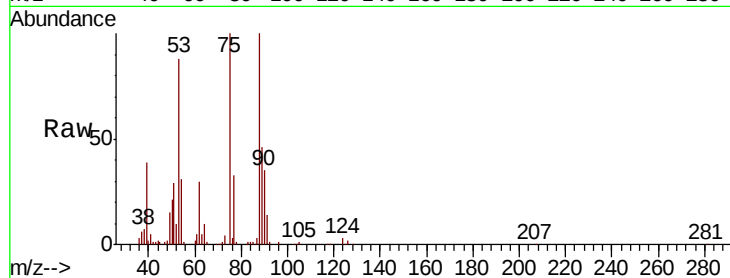
53 87.7 68.9 103.3

89 45.6 36.1 54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.04 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050887.D

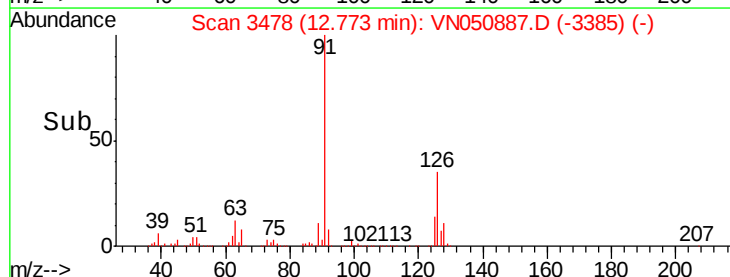
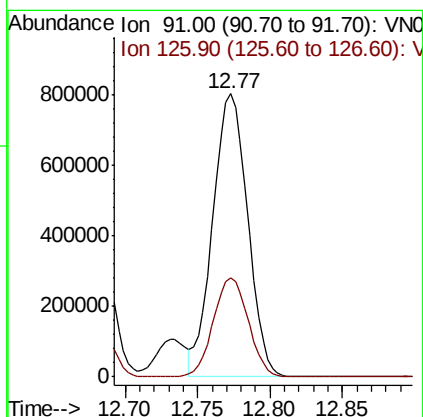
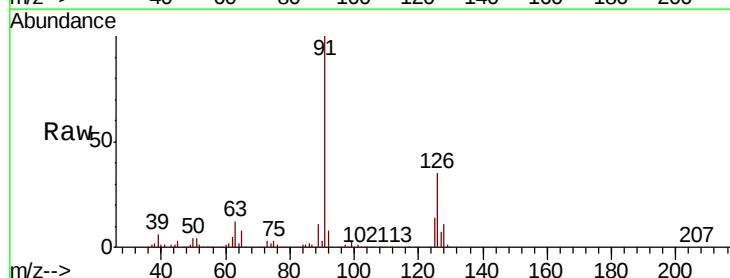
Acq: 27 Aug 2018 10:19

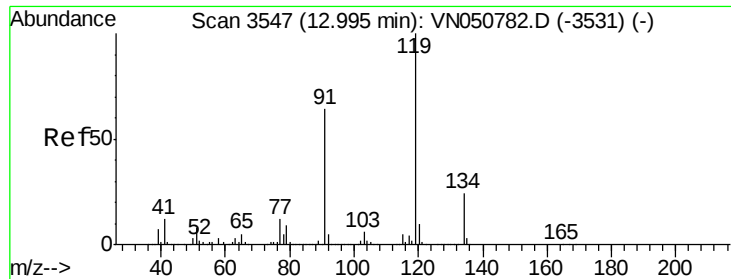
Tgt Ion: 91 Resp: 1338524

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5





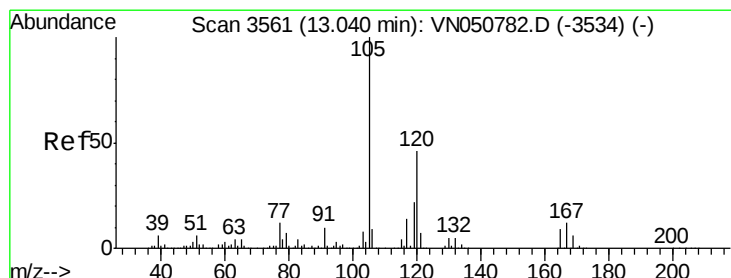
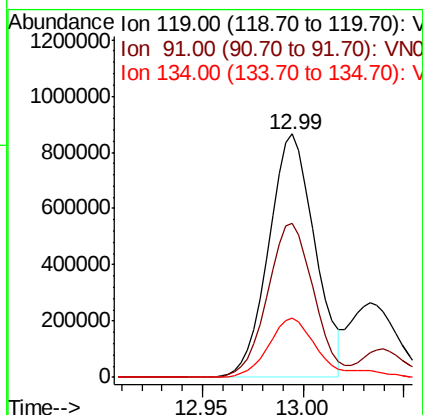
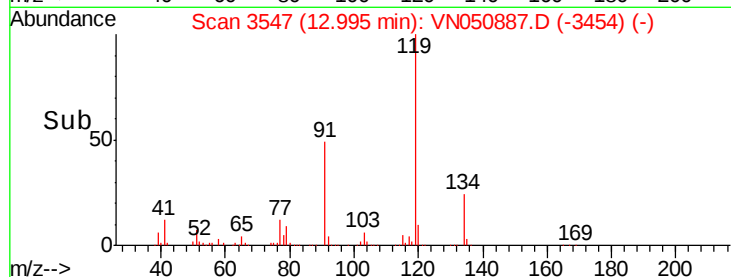
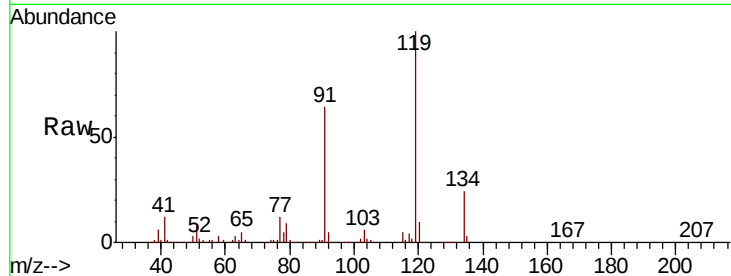
#83
 tert-Butylbenzene
 Concen: 54.47 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.6	94.7
134	24.7	13.4	40.1

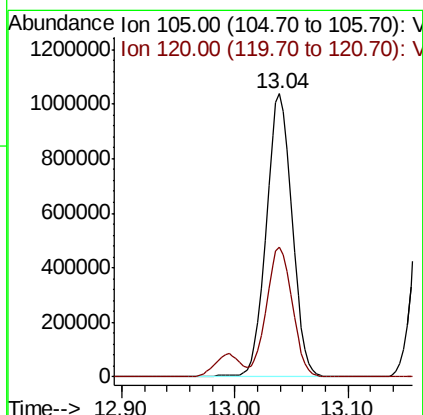
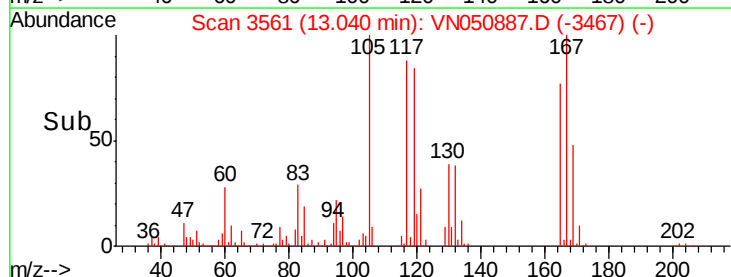
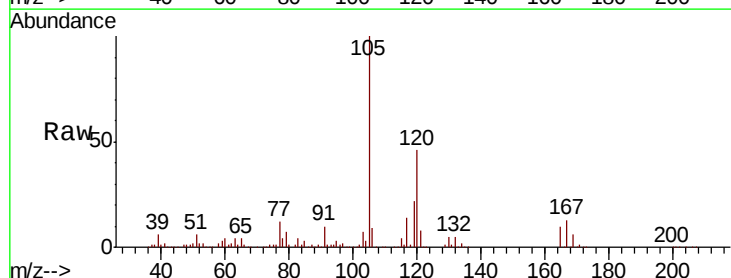
Manual Integrations
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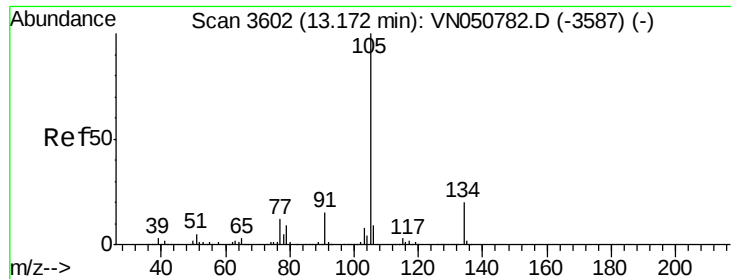
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.98 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.8





#85

sec-Butylbenzene

Concen: 56.08 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1851711

Ion Ratio Lower Upper

105 100

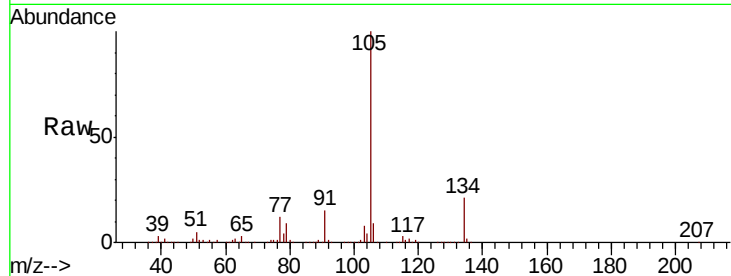
134 20.7 10.3 30.8

Manual Integrations

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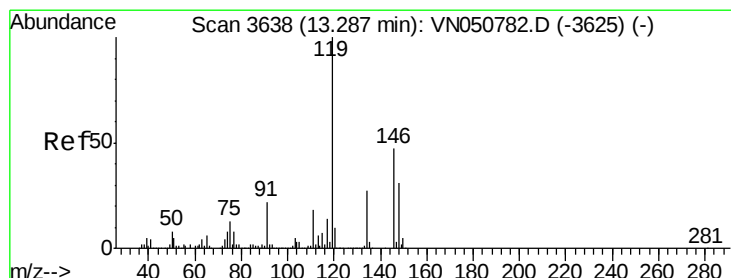
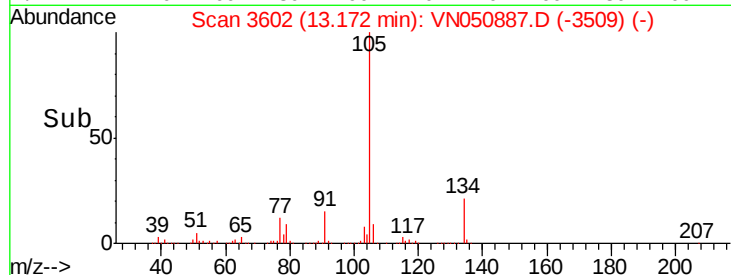
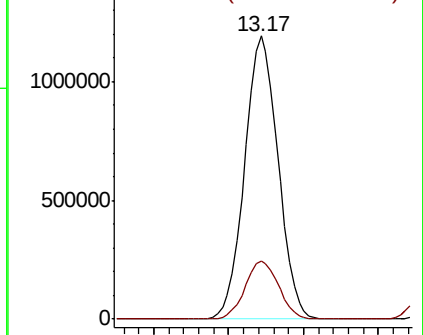
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.24 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

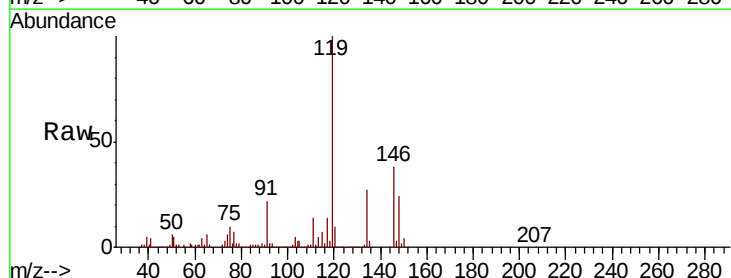
Tgt Ion:119 Resp: 1638565

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

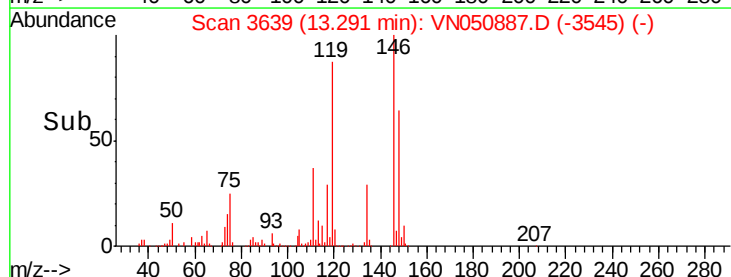
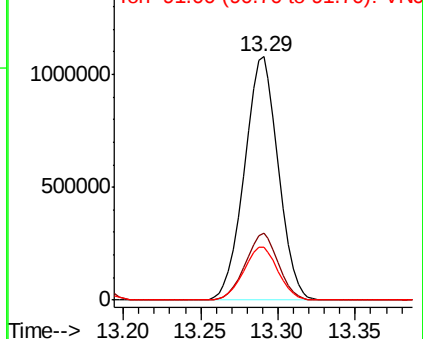
91 22.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.45 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

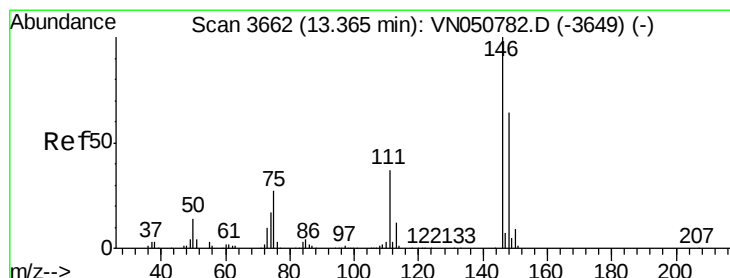
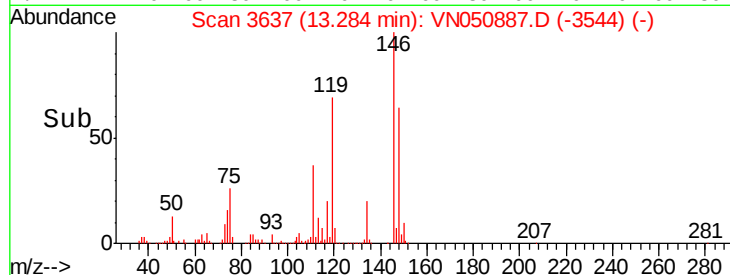
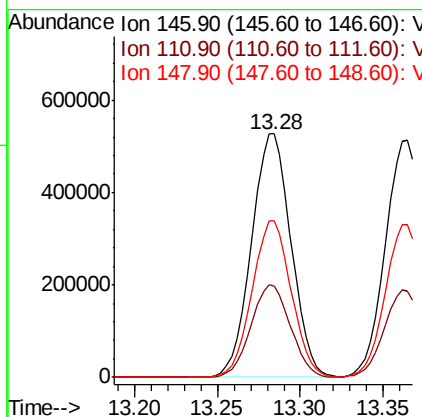
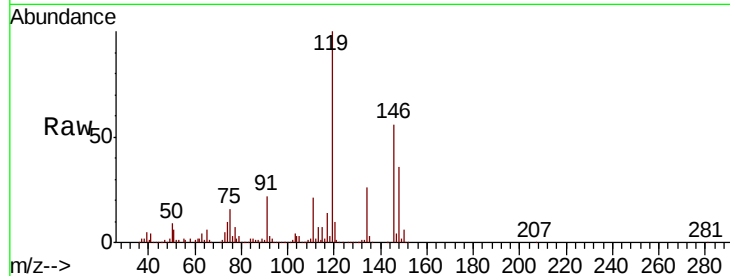
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	872207
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.3
148	63.6	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.56 ug/l

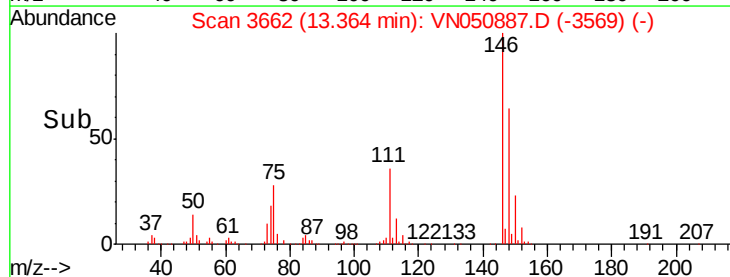
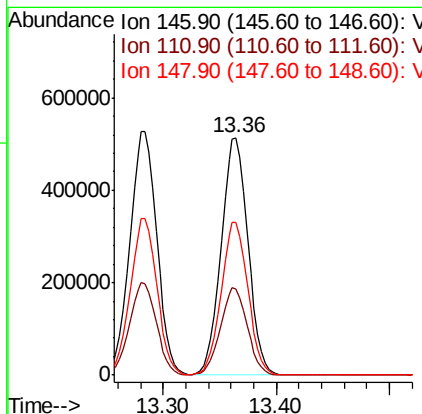
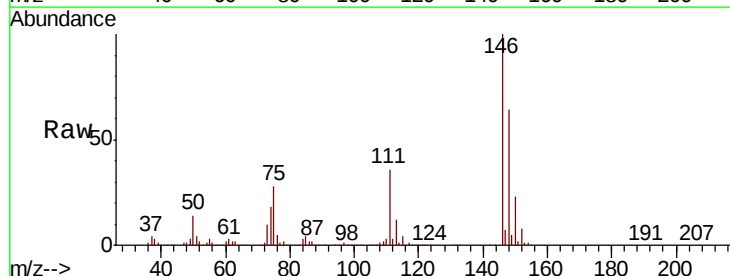
RT: 13.36 min Scan# 3662

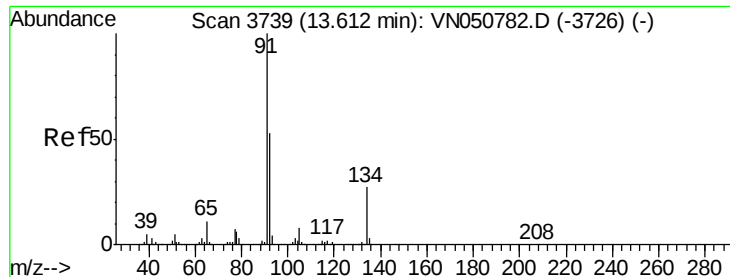
Delta R.T. -0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	146	Resp:	843887
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.8	56.3
148	64.4	32.2	96.6





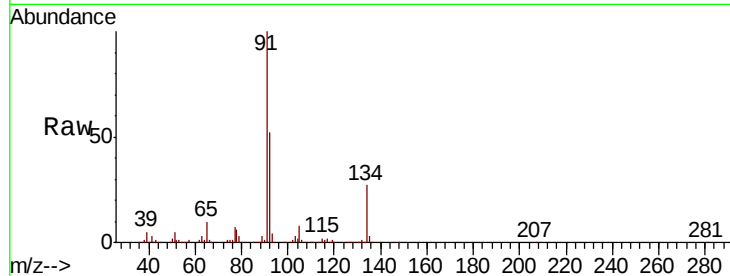
#89
n-Butylbenzene
Concen: 58.52 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.2
134	26.8	13.2	39.6

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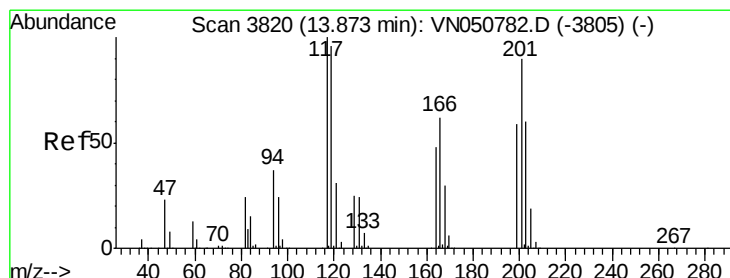
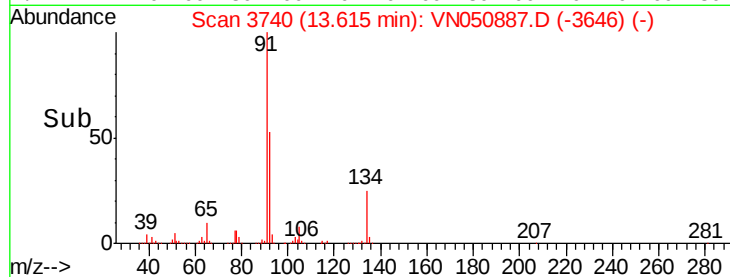
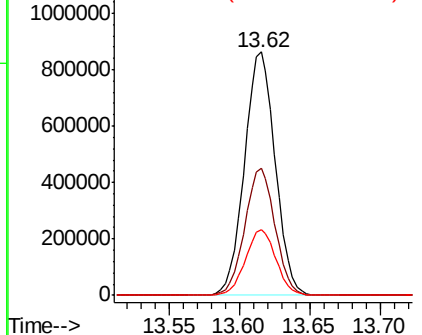


Abundance

Ion 91.00 (90.70 to 91.70): VN050782.D (-3726) (-)

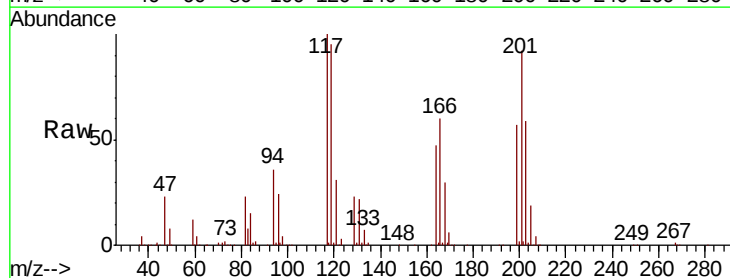
Ion 92.00 (91.70 to 92.70): VN050782.D (-3726) (-)

Ion 134.00 (133.70 to 134.70): VN050782.D (-3726) (-)



#90
Hexachloroethane
Concen: 54.87 ug/l
RT: 13.87 min Scan# 3820
Delta R.T. 0.00 min
Lab File: VN050887.D
Acq: 27 Aug 2018 10:19

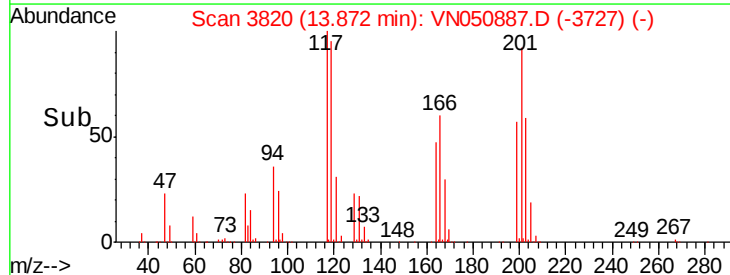
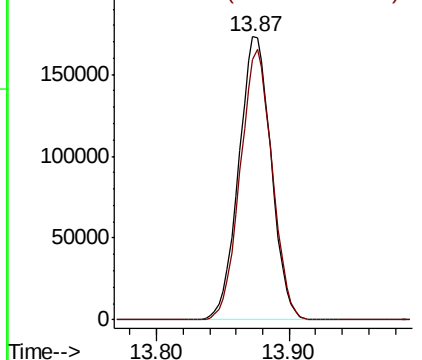
Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	46.0	137.8

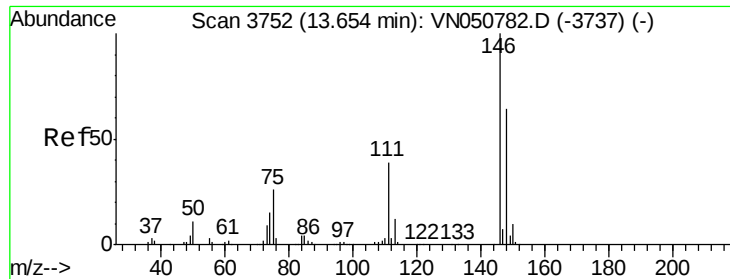


Abundance

Ion 116.80 (116.50 to 117.50): VN050782.D (-3805) (-)

Ion 200.70 (200.40 to 201.40): VN050782.D (-3805) (-)





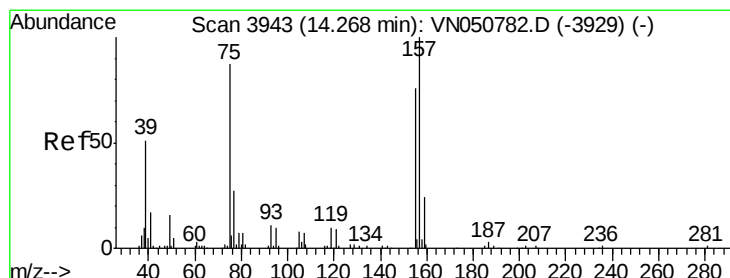
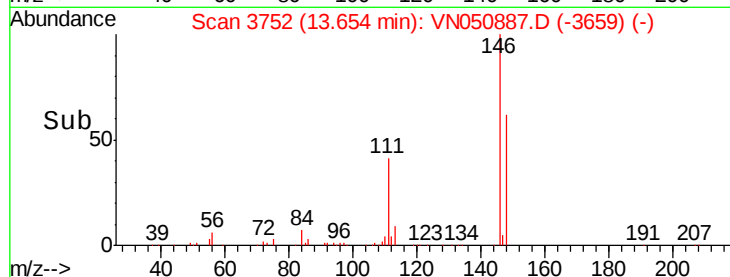
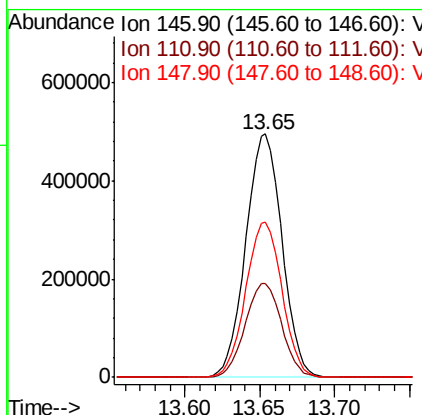
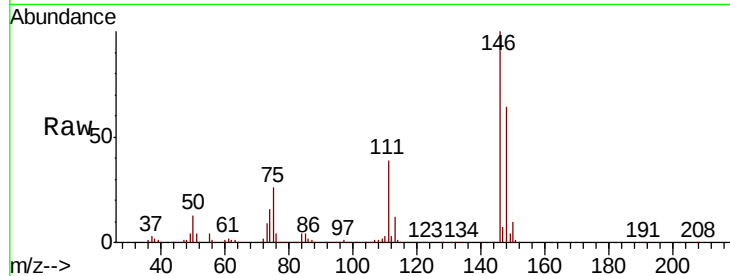
#91
 1,2-Dichlorobenzene
 Concen: 51.95 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.9	32.3	96.8

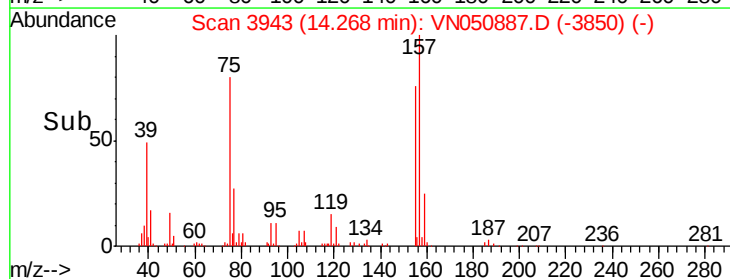
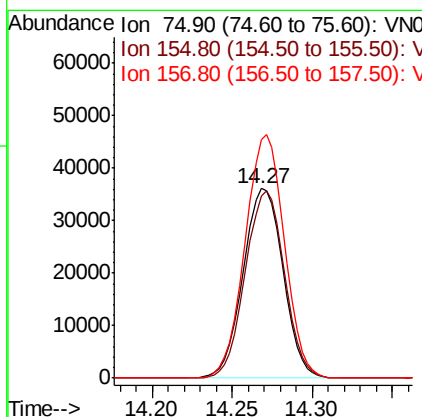
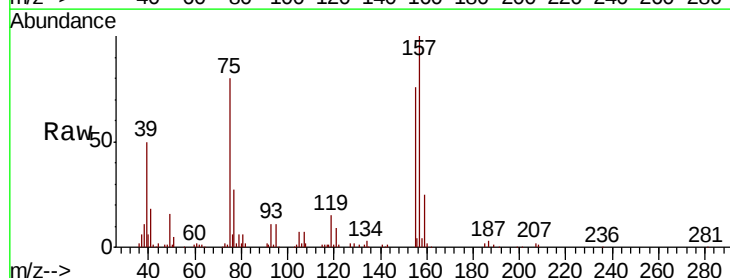
Manual Integrations
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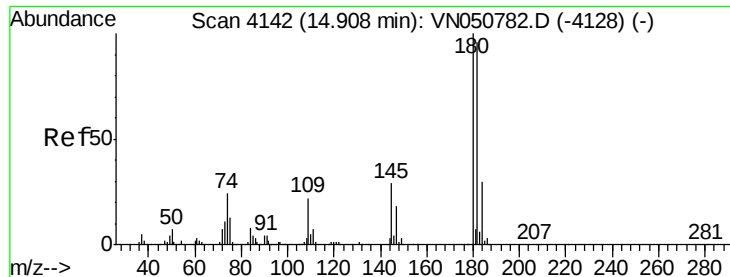
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.81 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.4	139.1
157	125.8	60.7	182.0





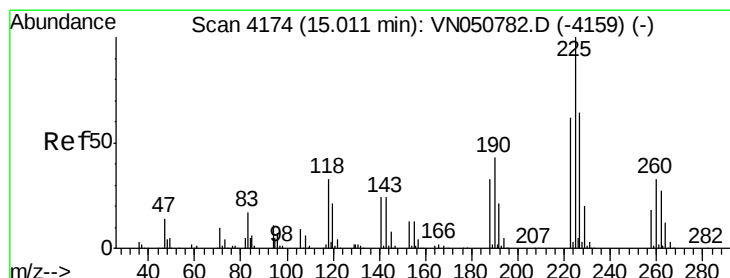
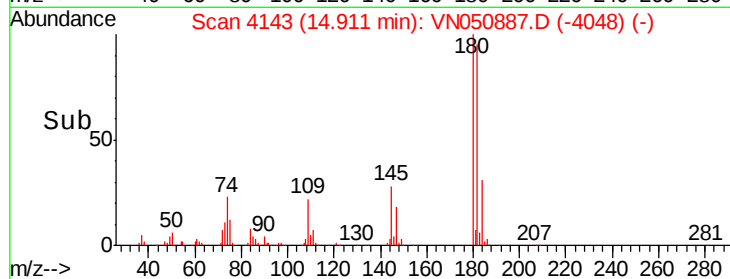
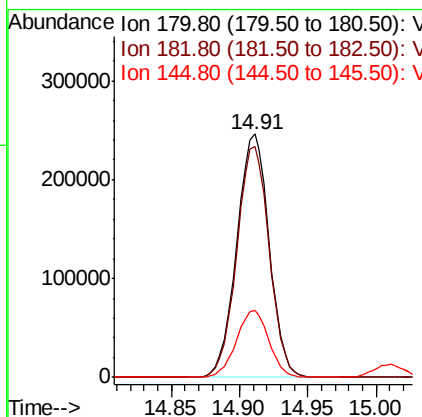
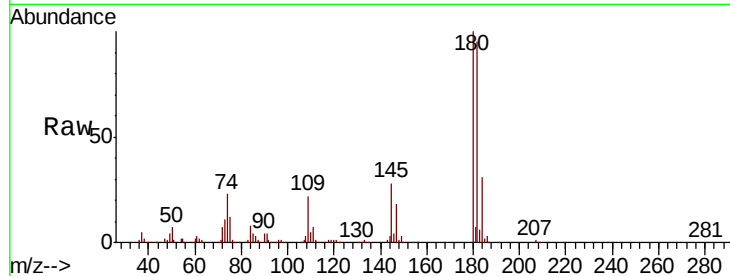
#93
 1,2,4-Trichlorobenzene
 Concen: 48.65 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	48.2	144.6	
145	27.6	14.1	42.2	

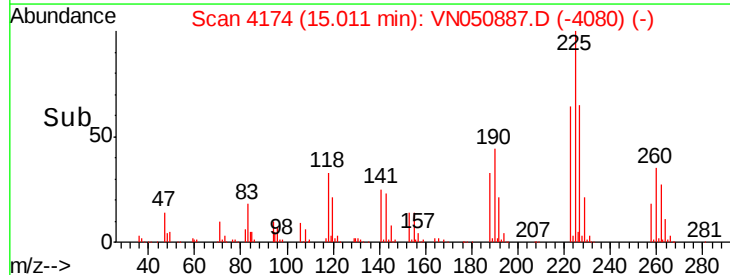
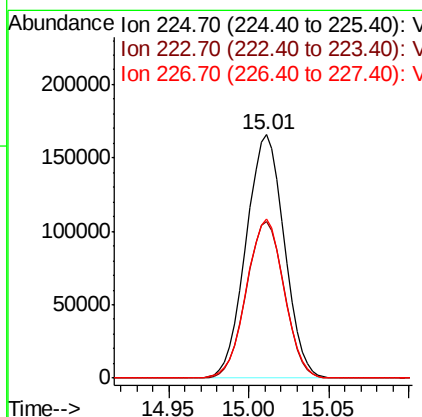
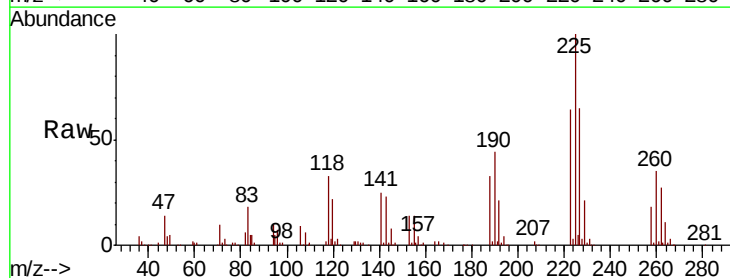
Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 12:20:21 PM



#94
 Hexachlorobutadiene
 Concen: 57.20 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050887.D
 Acq: 27 Aug 2018 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	31.3	93.8	
227	64.3	32.0	96.2	





#95

Naphthalene

Concen: 44.03 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Instrument :

MSVOA_N

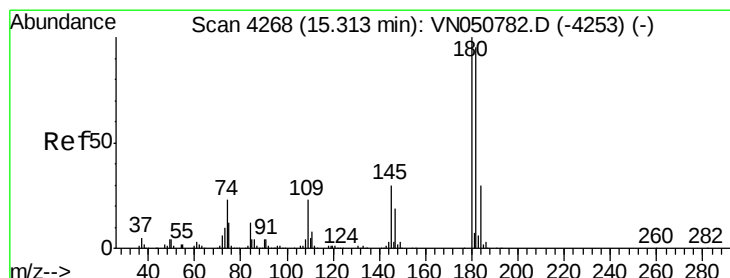
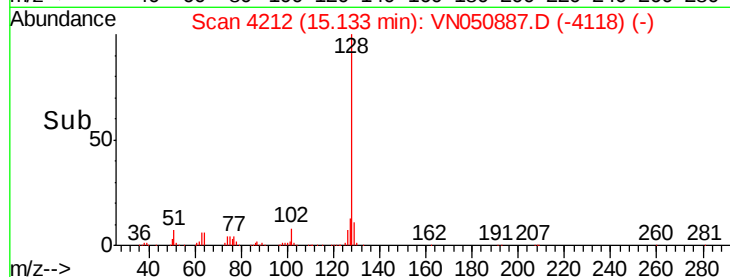
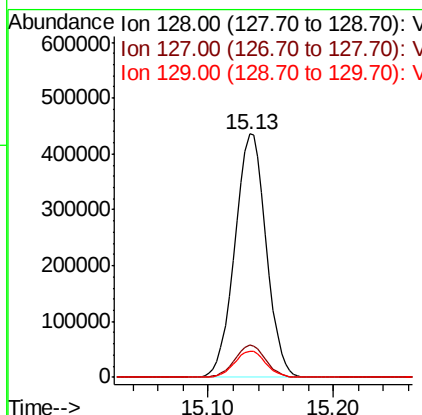
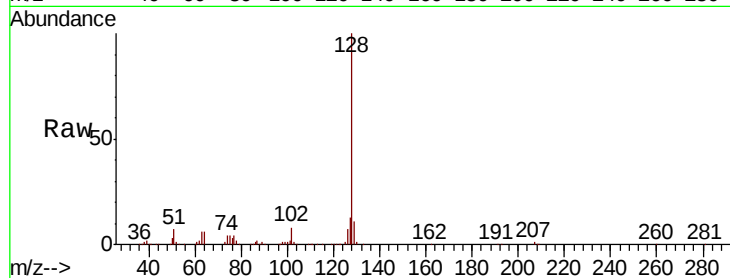
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	753469
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2018 12:20:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.44 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050887.D

Acq: 27 Aug 2018 10:19

Tgt Ion:	180	Resp:	394862
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.0	144.2
145	29.3	15.2	45.6

