

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056370.D
 Acq On : 18 Jun 2019 17:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2019 12:19:56 PM

Quant Time: Jun 19 03:49:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	548041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196397	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	173562	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.09	98	669911	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	235497	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	156066	49.323	ug/l	99
3) Chloromethane	2.06	50	202741	47.786	ug/l	99
4) Vinyl Chloride	2.18	62	198957	47.715	ug/l	99
5) Bromomethane	2.53	94	120827m	49.817	ug/l	
6) Chloroethane	2.68	64	115753	47.930	ug/l	97
7) Trichlorofluoromethane	3.00	101	249204	46.797	ug/l	100
8) Diethyl Ether	3.40	74	101344	47.981	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	162456	47.169	ug/l	99
10) Methyl Iodide	3.94	142	229211	52.004	ug/l	99
11) Tert butyl alcohol	4.82	59	146047	229.354	ug/l	98
12) 1,1-Dichloroethene	3.72	96	153816	46.054	ug/l	98
13) Acrolein	3.60	56	37690	207.362	ug/l	97
14) Allyl chloride	4.31	41	265341	47.372	ug/l	98
15) Acrylonitrile	4.99	53	448740	246.572	ug/l	99
16) Acetone	3.82	43	406635	181.852	ug/l	99
17) Carbon Disulfide	4.04	76	358452	40.109	ug/l	98
18) Methyl Acetate	4.32	43	189072	48.453	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	510391	50.107	ug/l	100
20) Methylene Chloride	4.54	84	185610	47.008	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	166021	46.732	ug/l	97
22) Diisopropyl ether	5.95	45	542430	49.263	ug/l	99
23) Vinyl Acetate	5.89	43	2271193	253.530	ug/l	100
24) 1,1-Dichloroethane	5.84	63	311180	48.204	ug/l	99
25) 2-Butanone	6.84	43	609472	224.872	ug/l	99
26) 2,2-Dichloropropane	6.82	77	205196	43.957	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	198448	48.228	ug/l	100
28) Bromochloromethane	7.19	49	161606	49.991	ug/l	99
29) Tetrahydrofuran	7.21	42	398239	247.365	ug/l	99
30) Chloroform	7.37	83	306050	47.593	ug/l	99
31) Cyclohexane	7.65	56	294942	47.289	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	246551	46.287	ug/l	100
36) 1,1-Dichloropropene	7.79	75	241032	48.874	ug/l	98
37) Ethyl Acetate	6.93	43	238811	51.097	ug/l	99
38) Carbon Tetrachloride	7.77	117	207763	43.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	295964	49.200	ug/l	99
40) Benzene	8.04	78	728051	48.666	ug/l	98
41) Methacrylonitrile	7.17	41	115968	54.037	ug/l	98
42) 1,2-Dichloroethane	8.12	62	237424	48.393	ug/l	100
43) Isopropyl Acetate	8.17	43	365677	48.912	ug/l	99
44) Trichloroethene	8.83	130	196517	48.304	ug/l	99
45) 1,2-Dichloropropane	9.12	63	193954	49.055	ug/l	100
46) Dibromomethane	9.21	93	124315	47.314	ug/l	99
47) Bromodichloromethane	9.40	83	225911	45.005	ug/l	99
48) Methyl methacrylate	9.20	41	183736	48.711	ug/l	99
49) 1,4-Dioxane	9.20	88	72709	955.554	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1180735	247.798	ug/l	100
52) Toluene	10.15	92	453022	49.612	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	234477	47.044	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	275585	47.937	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	179135	47.734	ug/l	99
56) Ethyl methacrylate	10.43	69	275237	50.998	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305479	48.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	513947	254.449	ug/l	99
59) 2-Hexanone	10.75	43	850511	240.675	ug/l	100
60) Dibromochloromethane	10.90	129	174145	44.243	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188502	48.865	ug/l	99
64) Tetrachloroethene	10.63	164	191180	47.244	ug/l	97
65) Chlorobenzene	11.43	112	486674	48.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	169984	45.449	ug/l	100
67) Ethyl Benzene	11.51	91	862757	50.030	ug/l	99
68) m/p-Xylenes	11.62	106	654711	102.007	ug/l	100
69) o-Xylene	11.95	106	317795	50.230	ug/l	99
70) Styrene	11.96	104	538458	52.715	ug/l	99
71) Bromoform	12.13	173	122042	41.988	ug/l #	99
73) Isopropylbenzene	12.25	105	841643	50.136	ug/l	99
74) N-amyl acetate	12.07	43	318032	44.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	260503	49.527	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	206494m	42.695	ug/l	
77) Bromobenzene	12.53	156	221205	49.207	ug/l	99
78) n-propylbenzene	12.59	91	934532	45.992	ug/l	100
79) 2-Chlorotoluene	12.67	91	565379	50.526	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	710308	44.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59684	38.341	ug/l	89
82) 4-Chlorotoluene	12.77	91	549173	46.042	ug/l	99
83) tert-Butylbenzene	12.99	119	615720	50.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	704733	47.921	ug/l	99
85) sec-Butylbenzene	13.17	105	812541	45.593	ug/l	99
86) p-Isopropyltoluene	13.29	119	732544	48.019	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	368863	47.874	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	356738	48.184	ug/l	99
89) n-Butylbenzene	13.61	91	590861	51.805	ug/l	99
90) Hexachloroethane	13.87	117	106986	41.049	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	369709	49.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42122	43.064	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179867	46.280	ug/l	99
94) Hexachlorobutadiene	15.01	225	130636	50.522	ug/l	99
95) Naphthalene	15.13	128	477813	46.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	195978	47.889	ug/l	99

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

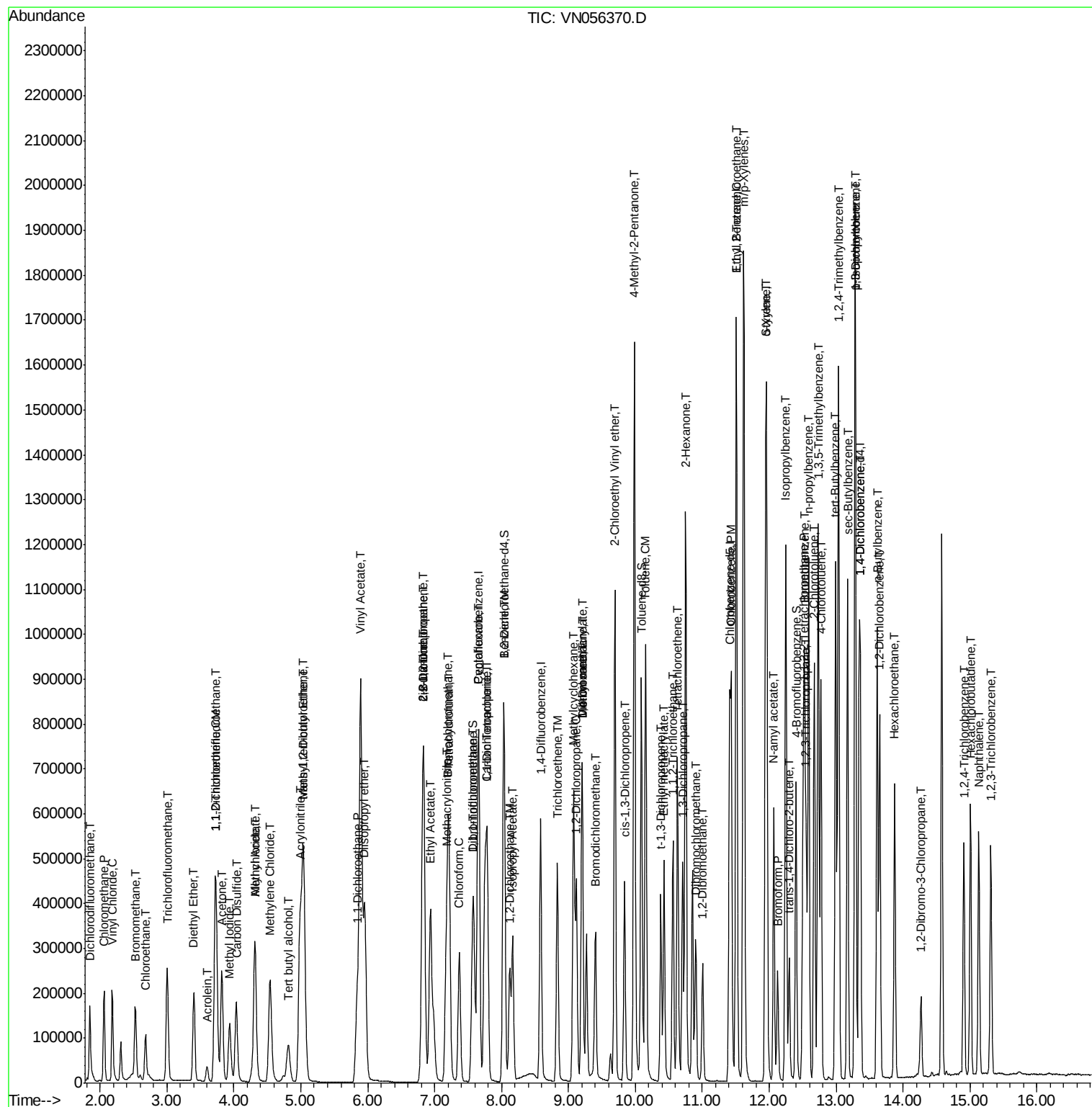
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
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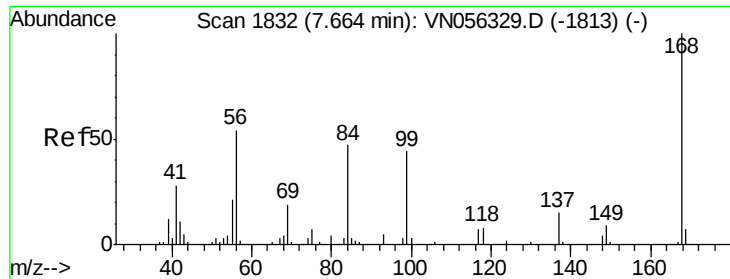
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 359899

Ion Ratio Lower Upper

168 100

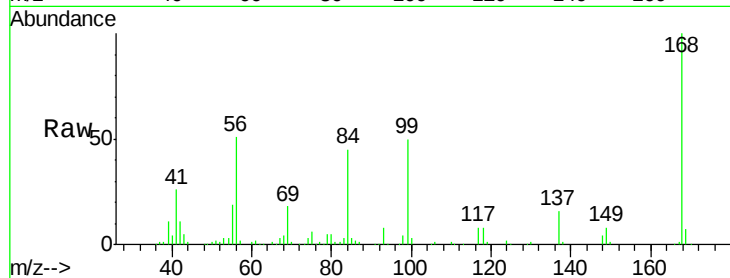
99 48.9 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN056370.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056370.D (-1739) (-)

7.66

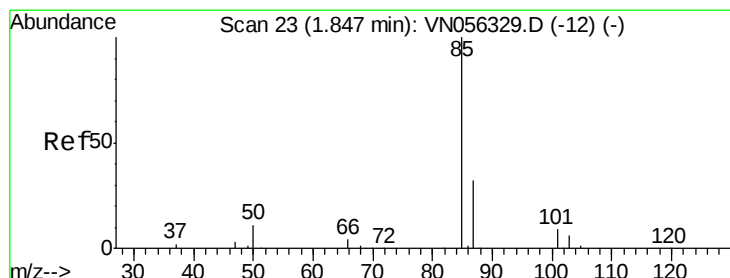
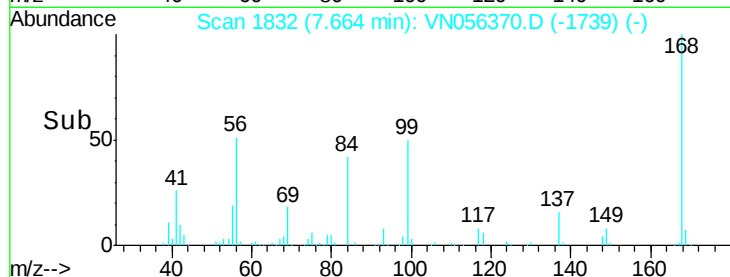
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.323 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056370.D

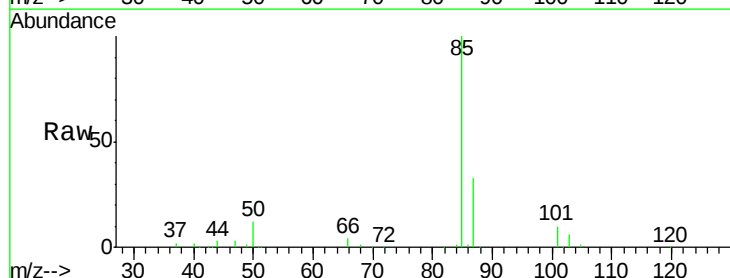
Acq: 18 Jun 2019 17:01

Tgt Ion: 85 Resp: 156066

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056370.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN056370.D (-1) (-)

1.85

100000

80000

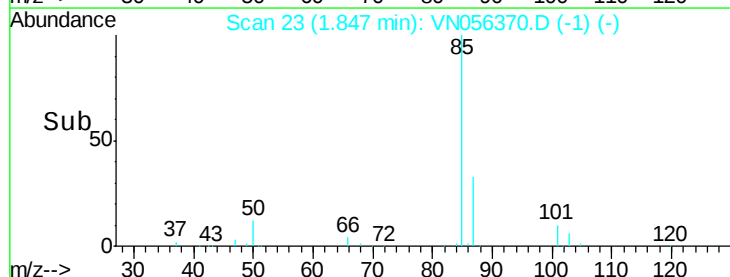
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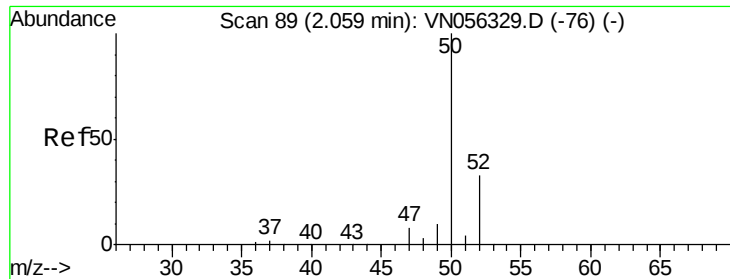
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20000

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Time-->





#3

Chloromethane

Concen: 47.786 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 50 Resp: 202741

Ion Ratio Lower Upper

50 100

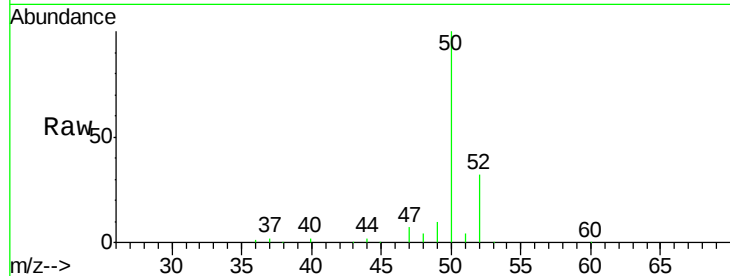
52 32.5 26.3 39.5

Manual Integrations

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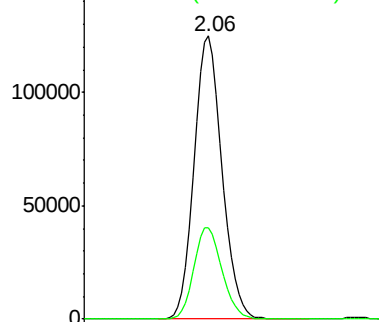
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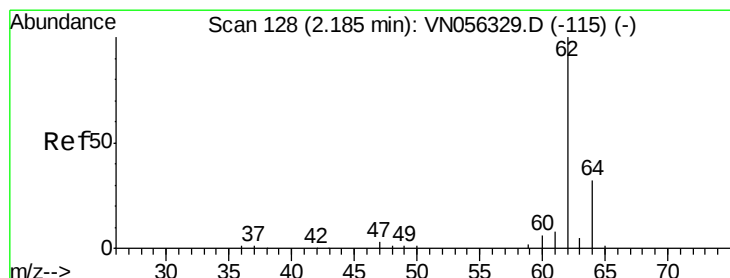
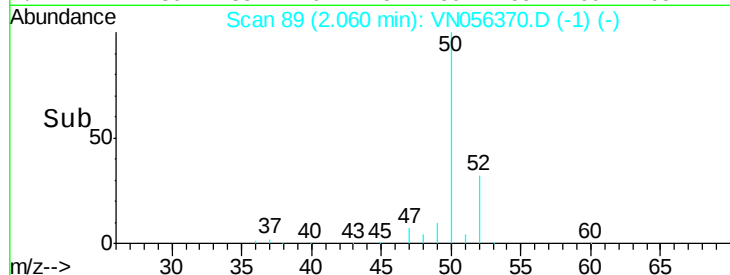


Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



Time-->



#4

Vinyl Chloride

Concen: 47.715 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056370.D

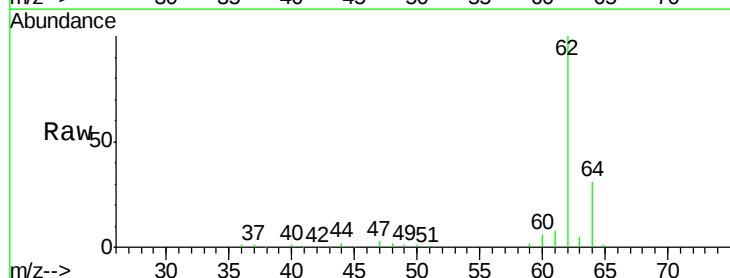
Acq: 18 Jun 2019 17:01

Tgt Ion: 62 Resp: 198957

Ion Ratio Lower Upper

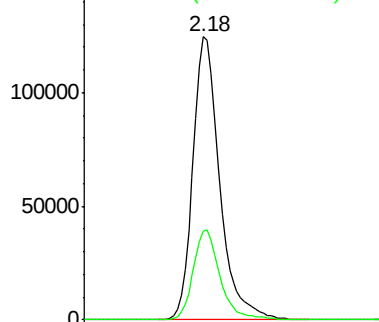
62 100

64 31.4 25.7 38.5

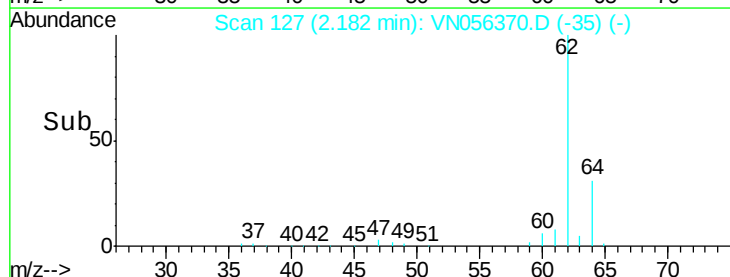


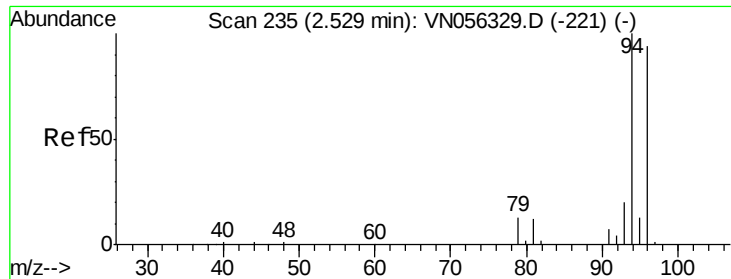
Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



Time-->





#5

Bromomethane

Concen: 49.817 ug/l m

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

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VSTDCCC050EC

Tot Ion: 94 Resp: 120827

Ion Ratio Lower Upper

94 100

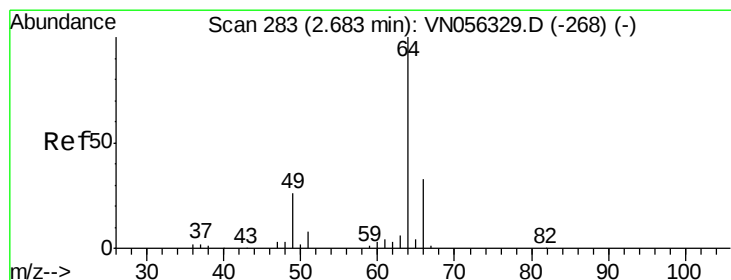
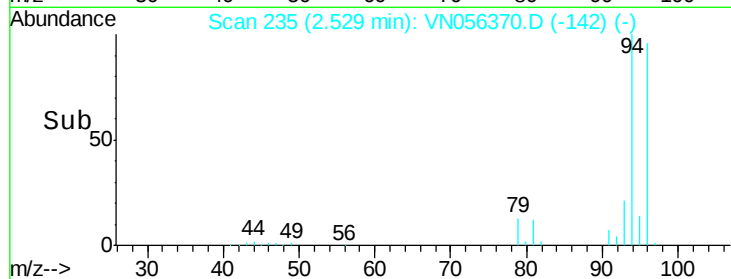
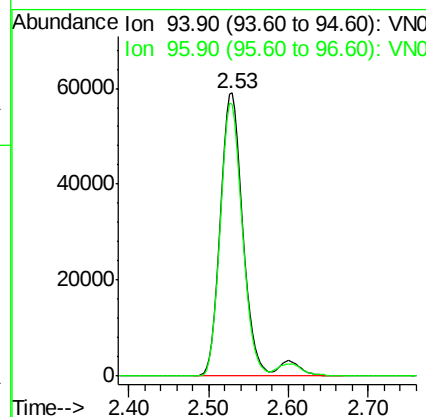
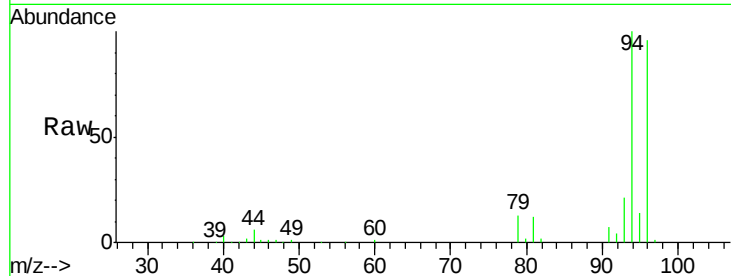
96 96.1 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 47.930 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN056370.D

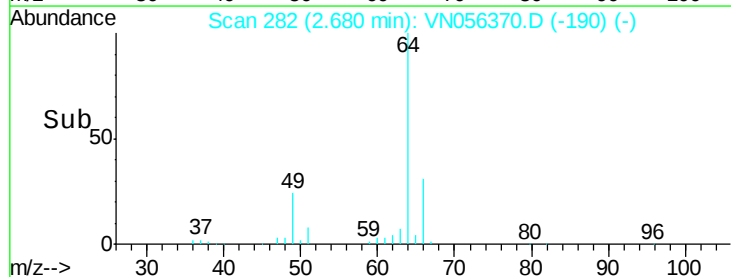
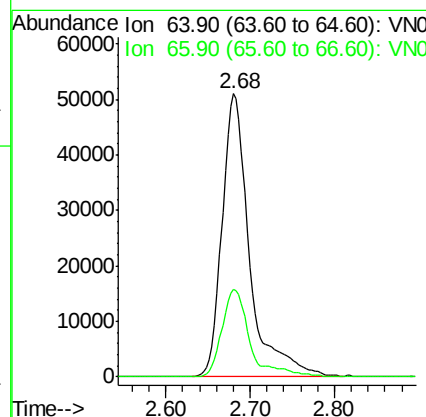
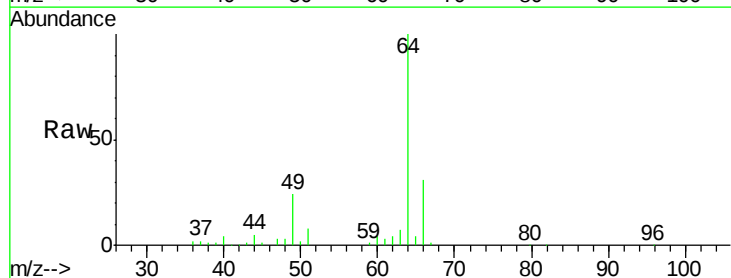
Acq: 18 Jun 2019 17:01

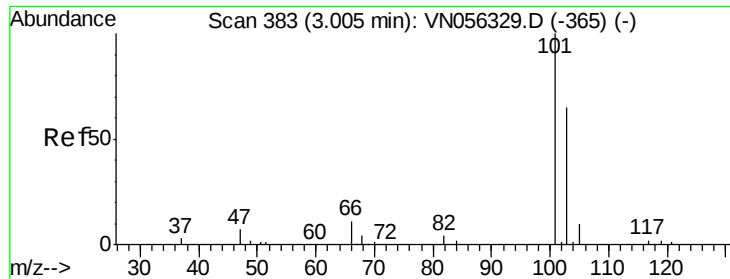
Tgt Ion: 64 Resp: 115753

Ion Ratio Lower Upper

64 100

66 31.1 26.3 39.5





#7

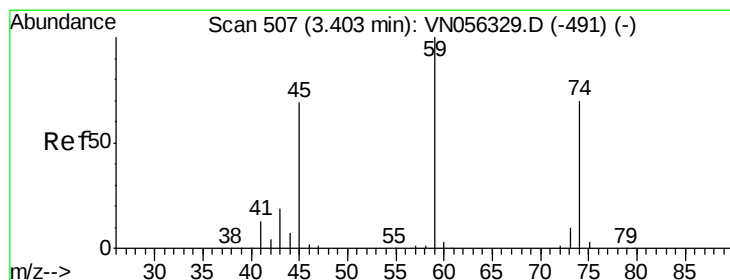
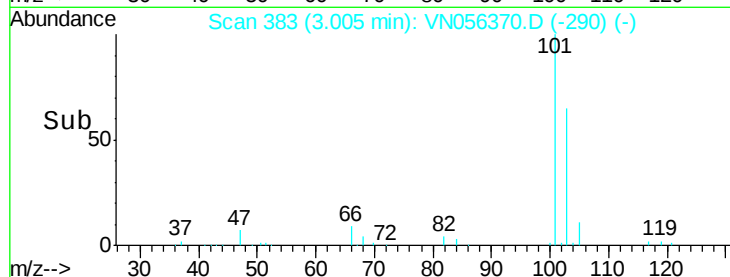
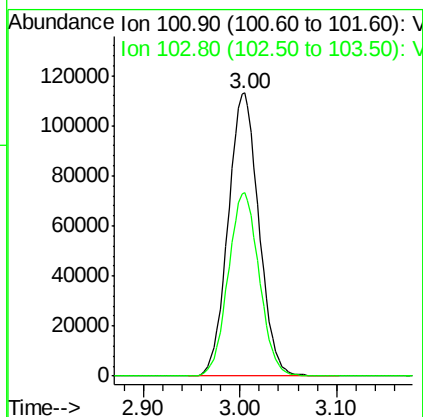
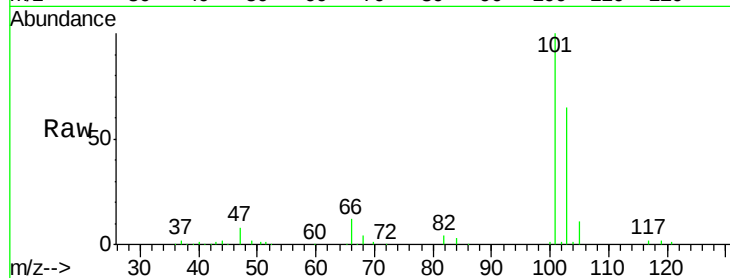
Trichlorofluoromethane
Concen: 46.797 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.1	78.1

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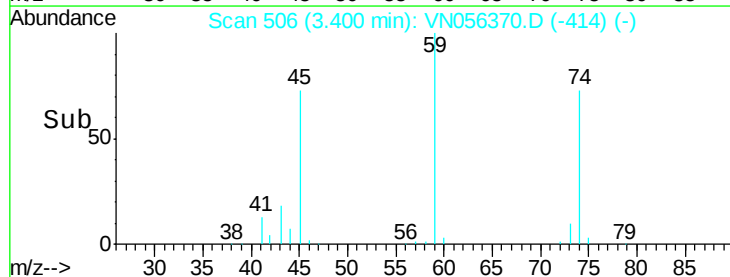
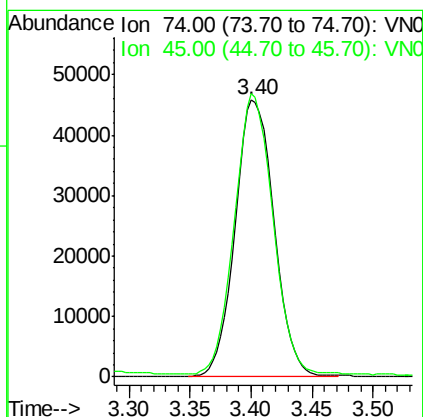
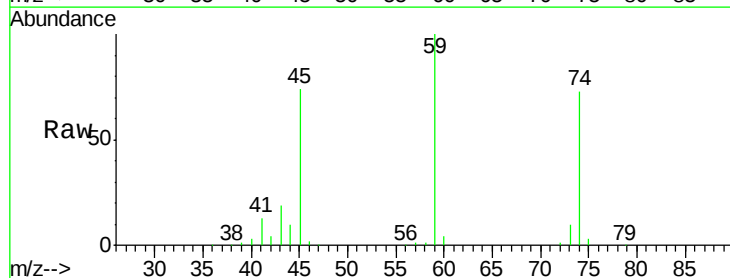
MMDadoda
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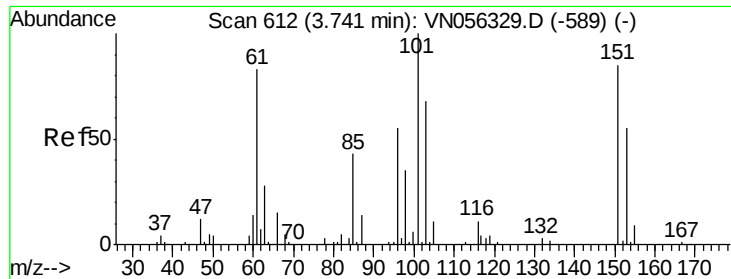


#8

Diethyl Ether
Concen: 47.981 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	49.0	147.0





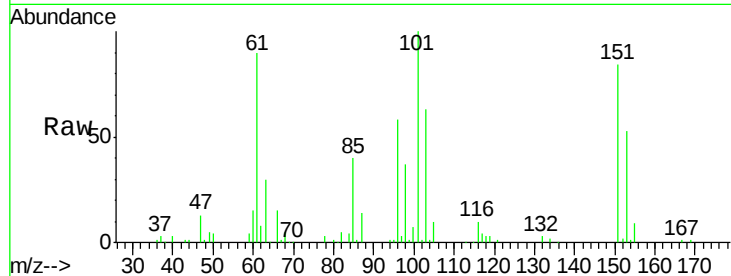
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.169 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

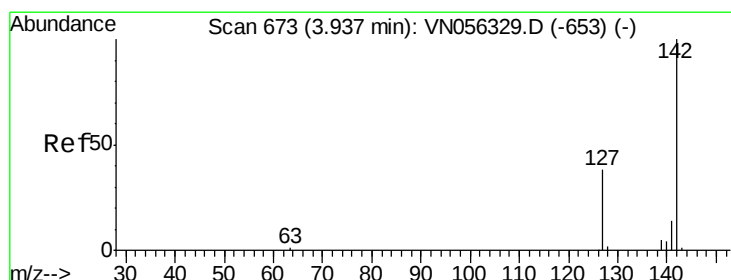
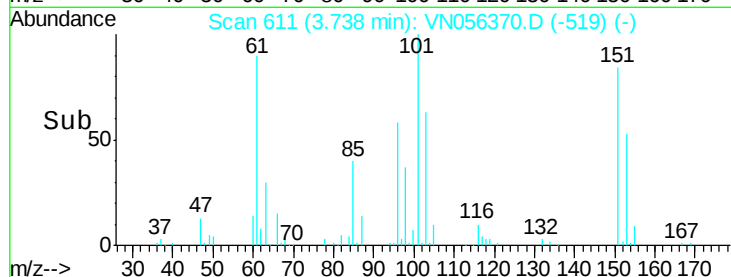
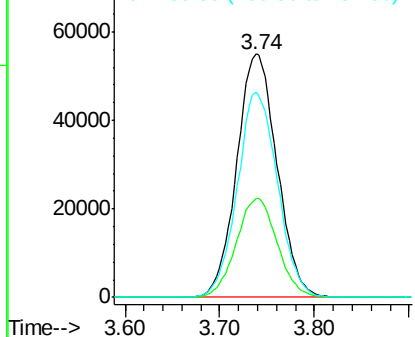
Tot Ion	Ratio	Lower	Upper
101	100		
85	41.3	33.8	50.8
151	84.2	67.4	101.0

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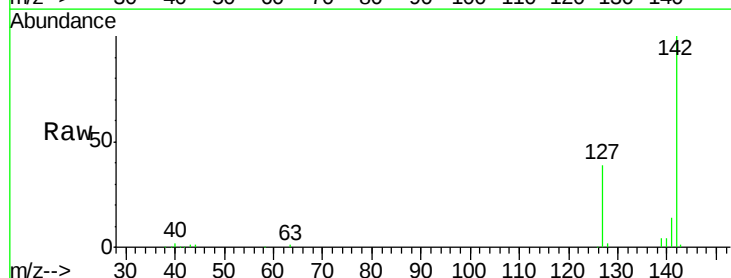


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

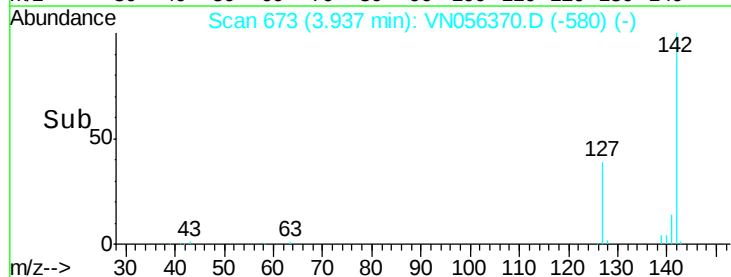
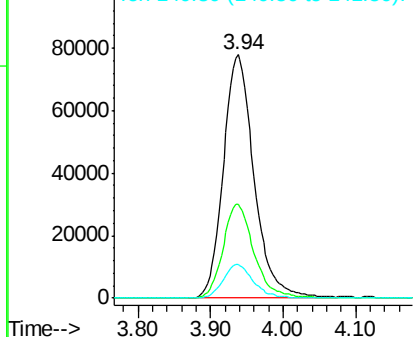


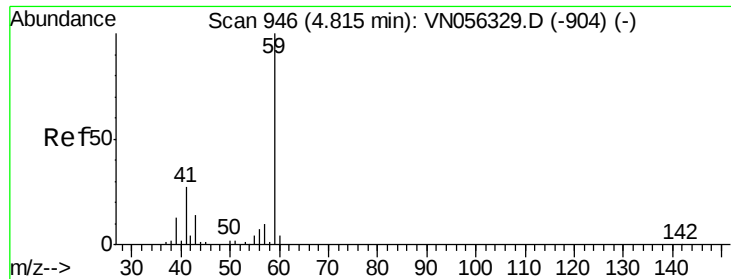
#10
 Methyl Iodide
 Concen: 52.004 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.7	30.8	46.2
141	13.6	11.4	17.2



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

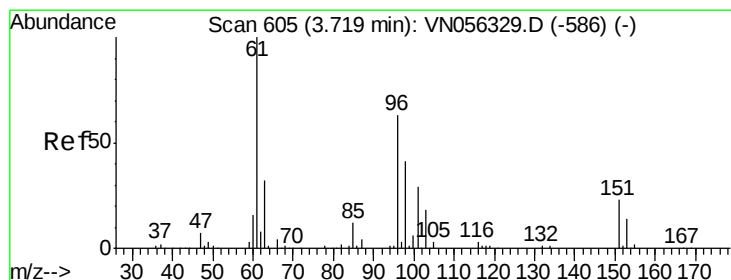
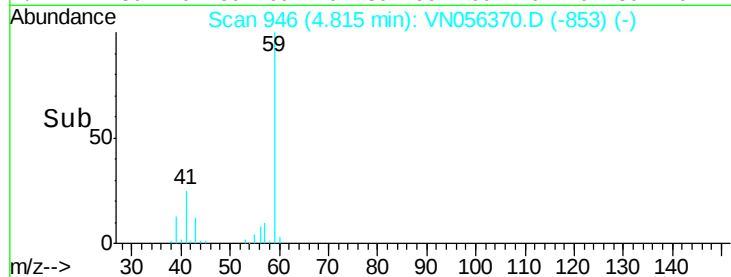
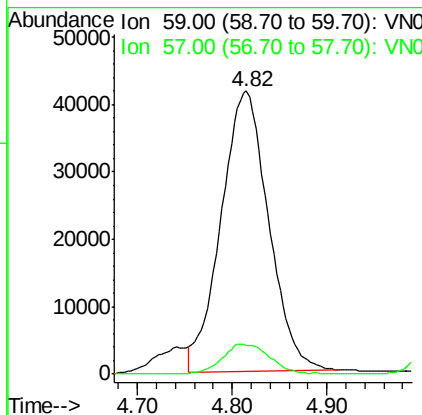
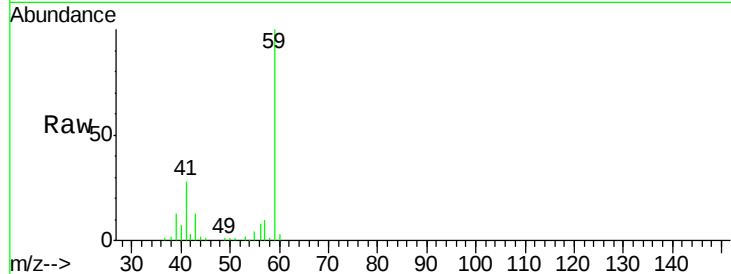
Tert butyl alcohol
Concen: 229.354 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	146047
Ion Ratio	100	Lower	Upper
57	10.7	7.8	11.8

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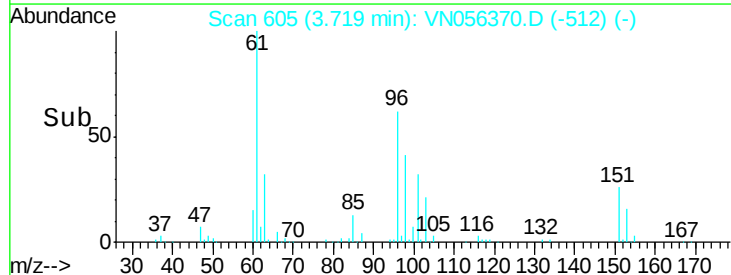
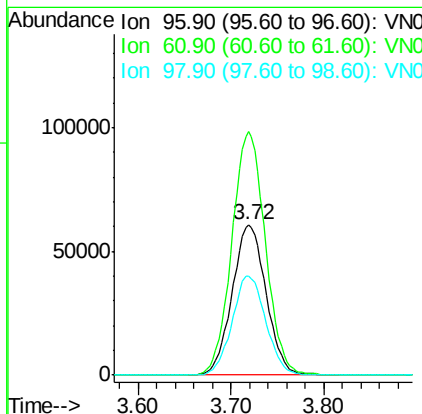
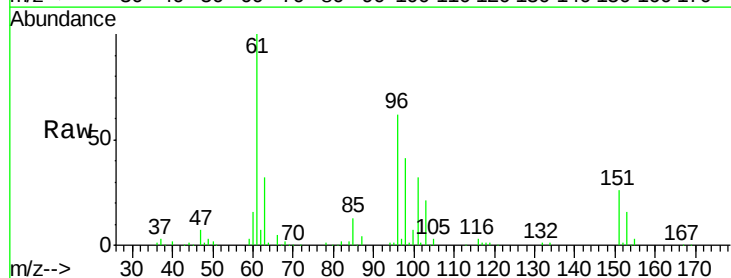
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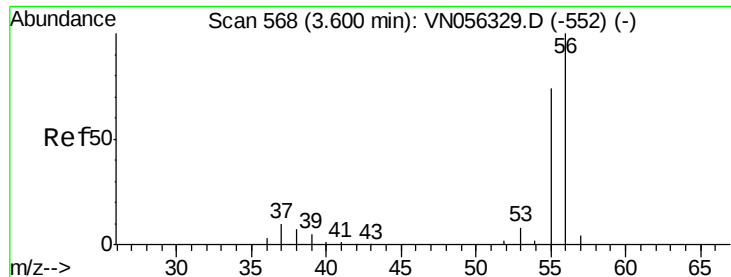


#12

1,1-Dichloroethene
Concen: 46.054 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	96	Resp	153816
Ion Ratio	100	Lower	Upper
61	161.9	127.4	191.2
98	66.0	51.7	77.5





#13

Acrolein

Concen: 207.362 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 37690

Ion Ratio Lower Upper

56 100

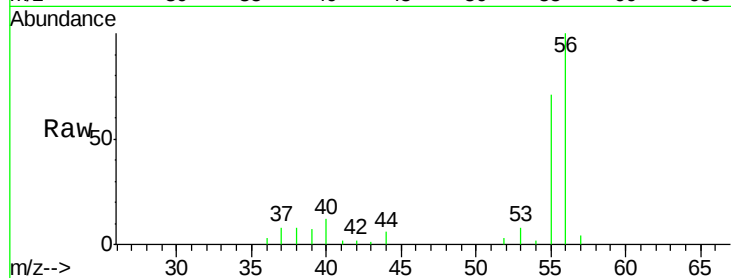
55 73.0 56.4 84.6

Manual Integrations

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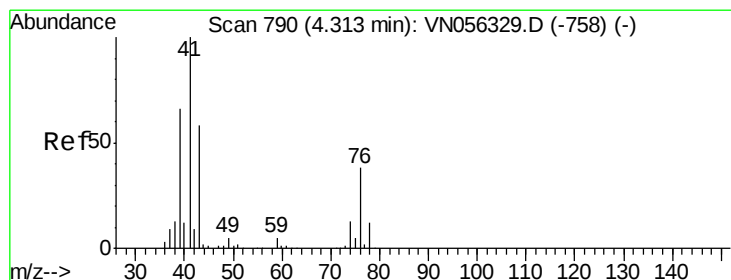
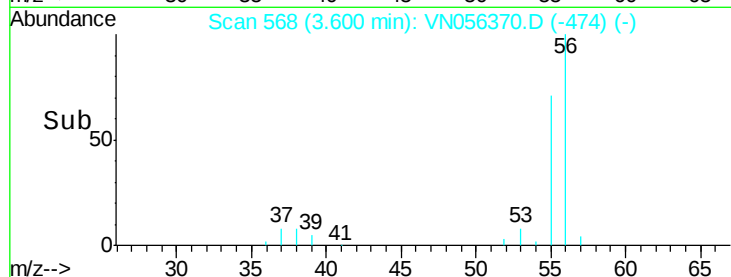
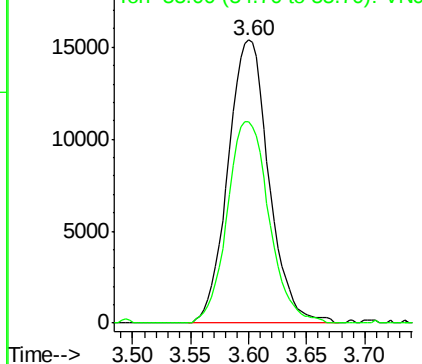
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.372 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

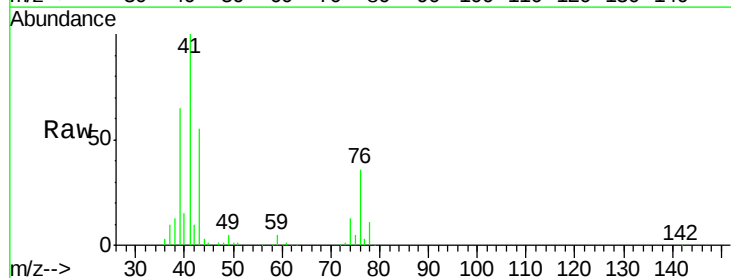
Tgt Ion: 41 Resp: 265341

Ion Ratio Lower Upper

41 100

39 60.3 48.9 73.3

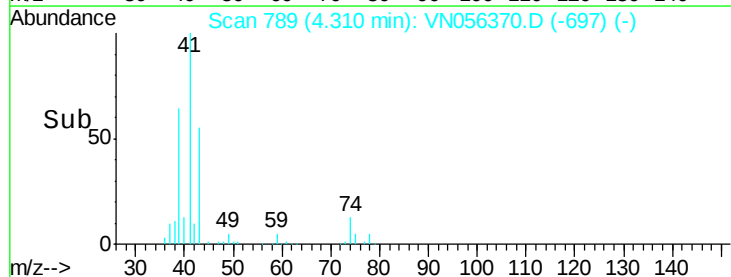
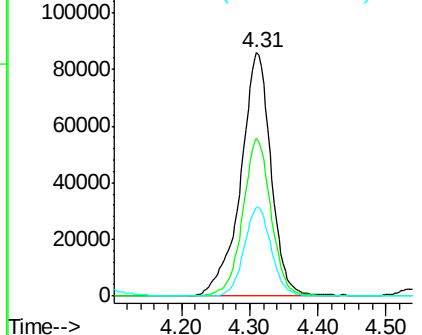
76 32.7 27.2 40.8

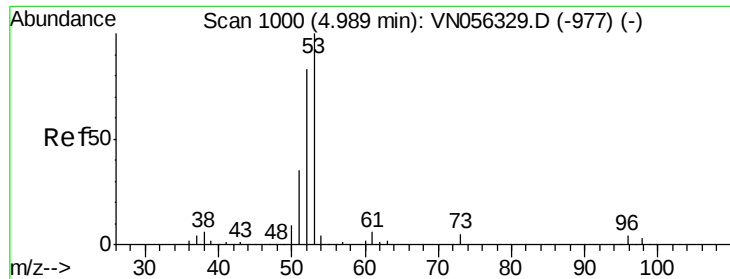


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 246.572 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

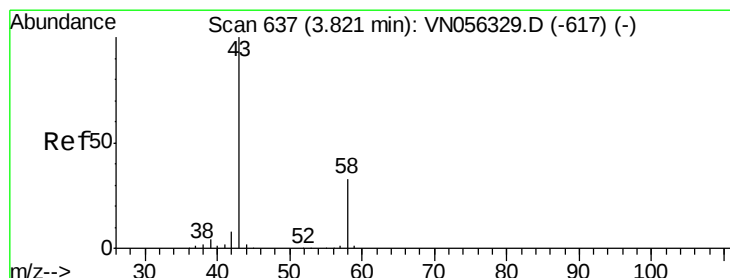
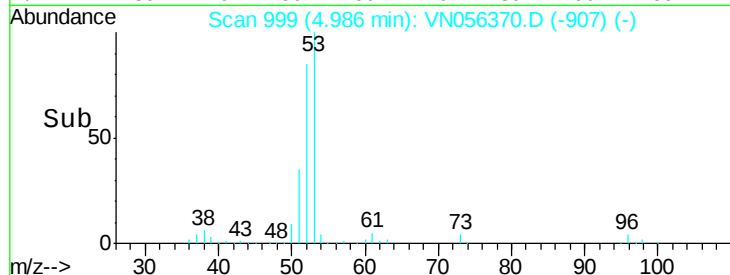
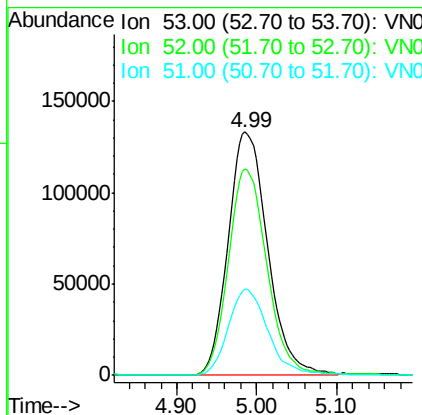
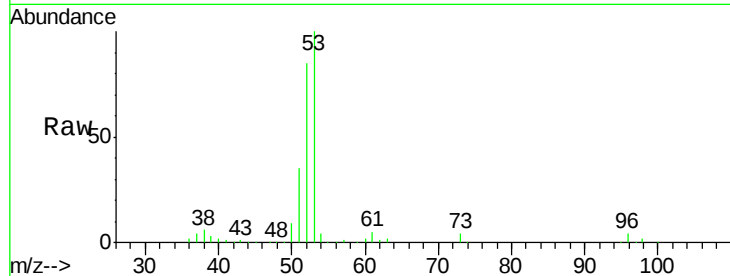
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	448740
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.4	98.2
51	35.6	28.5	42.7

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#16

Acetone

Concen: 181.852 ug/l

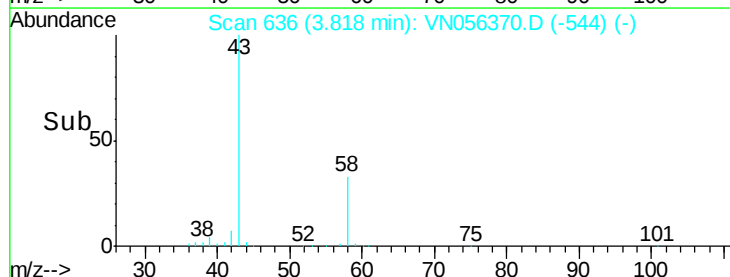
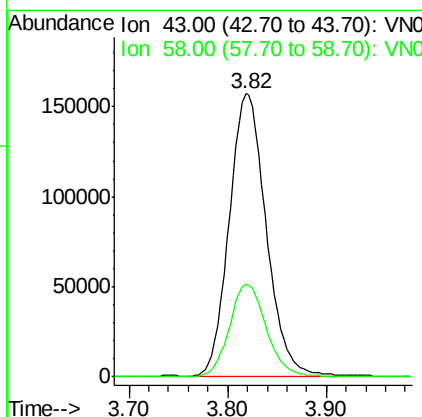
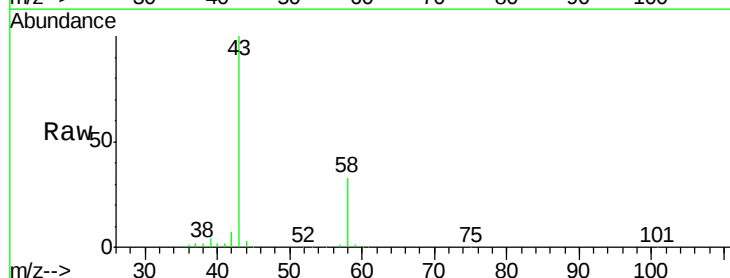
RT: 3.82 min Scan# 636

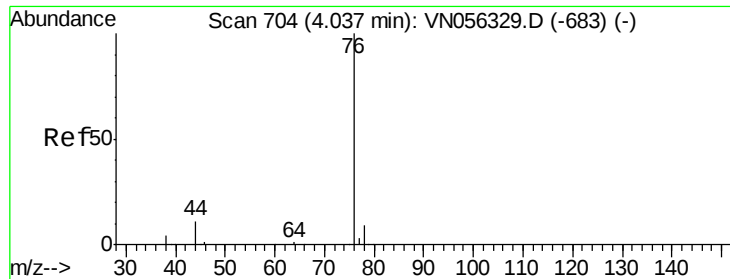
Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	43	Resp:	406635
Ion Ratio	Lower	Upper	
43	100		
58	32.8	26.5	39.7





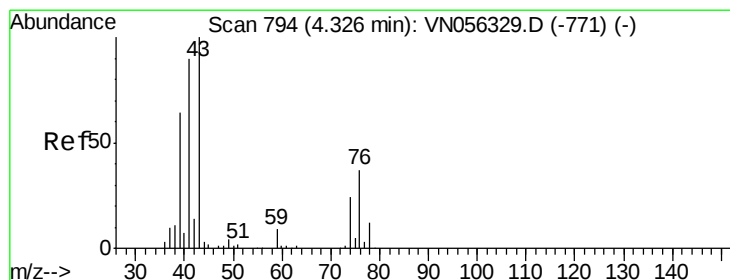
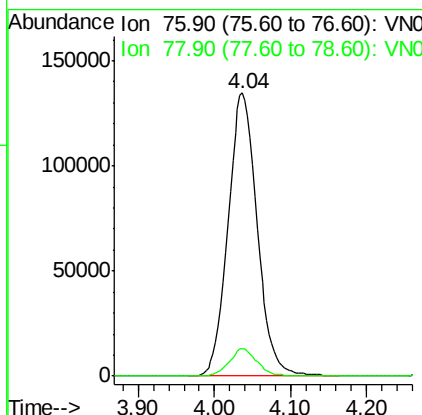
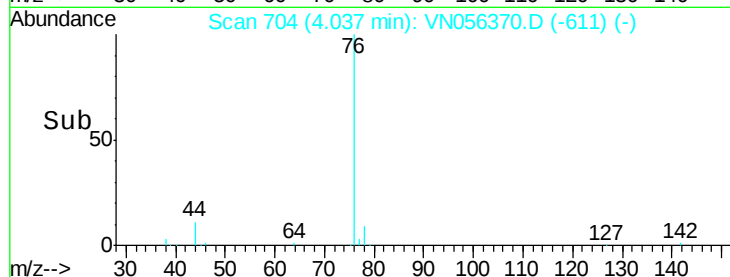
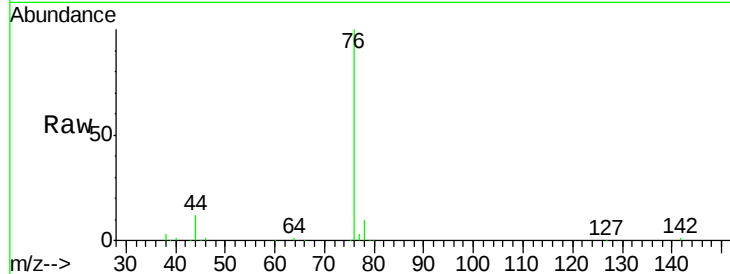
#17
Carbon Disulfide
Concen: 40.109 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 358452
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9

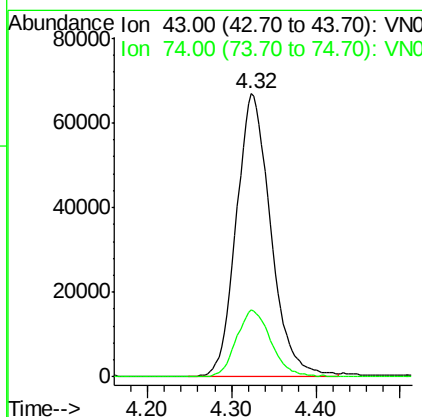
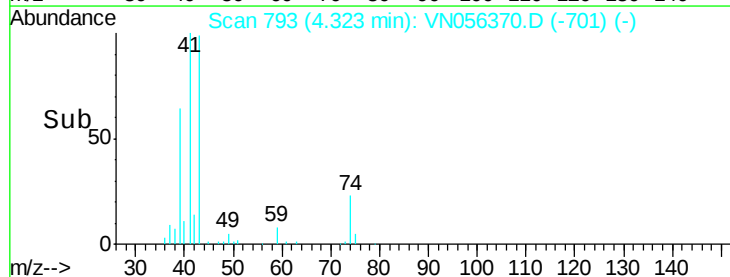
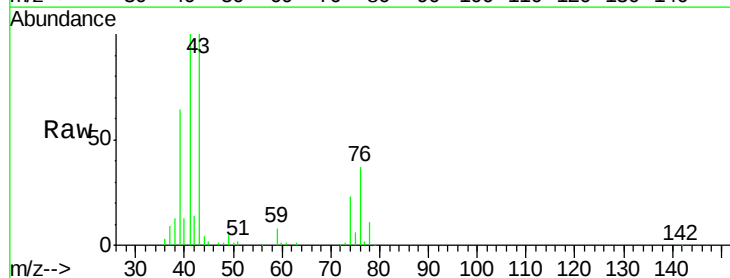
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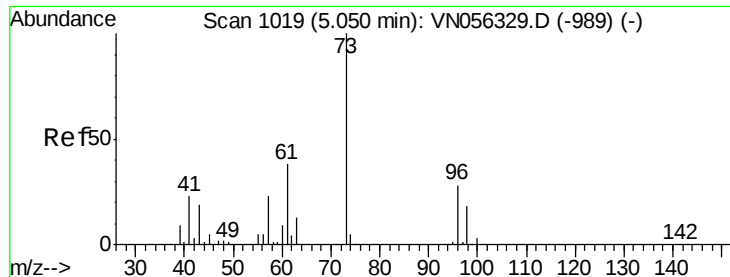
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#18
Methyl Acetate
Concen: 48.453 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 43 Resp: 189072
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





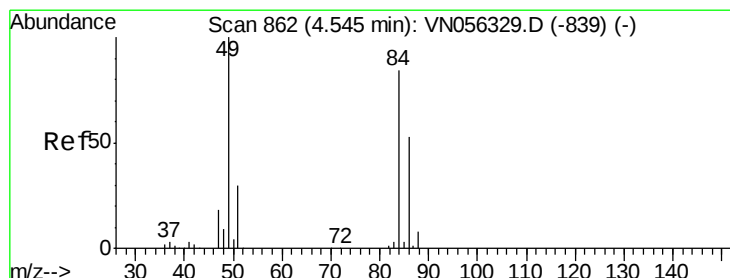
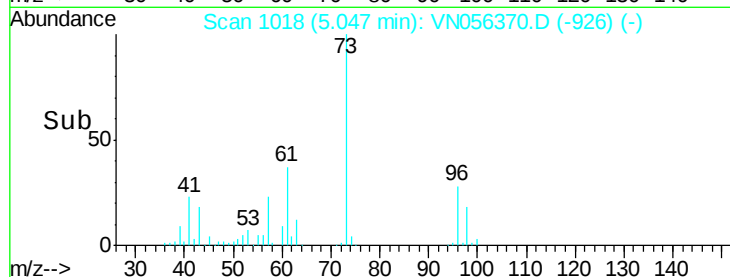
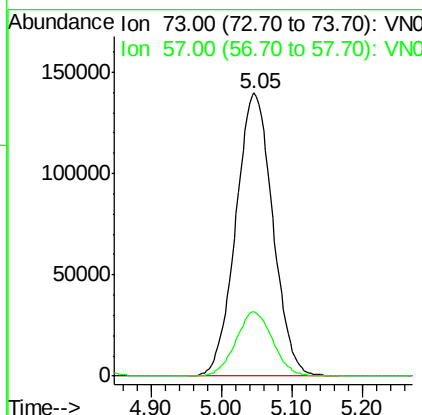
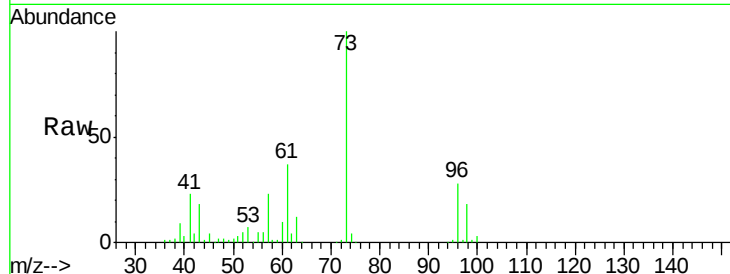
#19
Methvl tert-butvl Ether
Concen: 50.107 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 510391
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

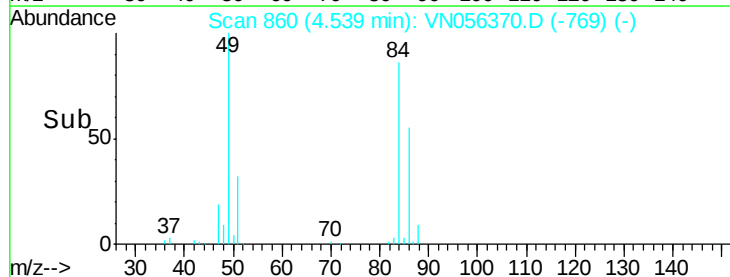
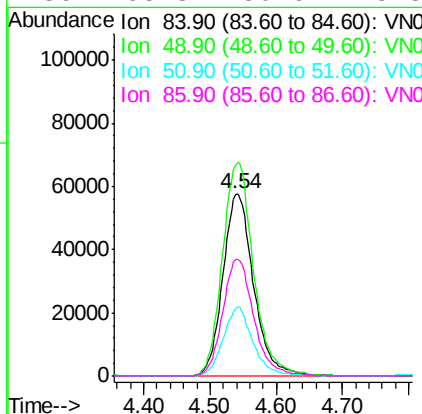
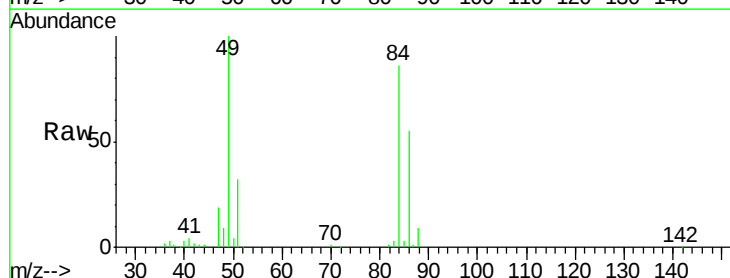
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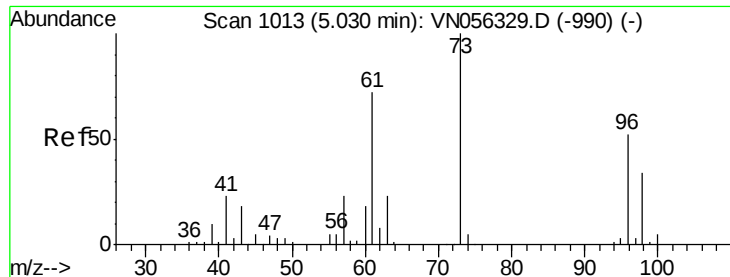
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#20
Methylene Chloride
Concen: 47.008 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 84 Resp: 185610
Ion Ratio Lower Upper
84 100
49 115.7 95.0 142.6
51 37.2 28.2 42.4
86 63.8 50.6 75.8





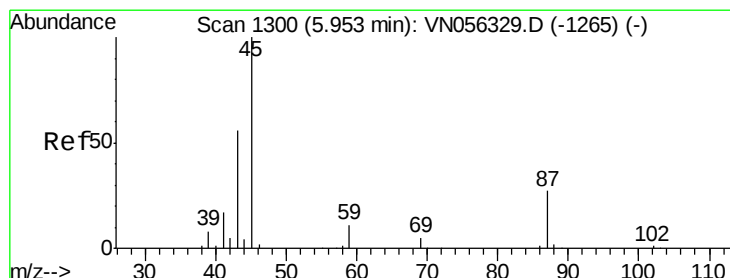
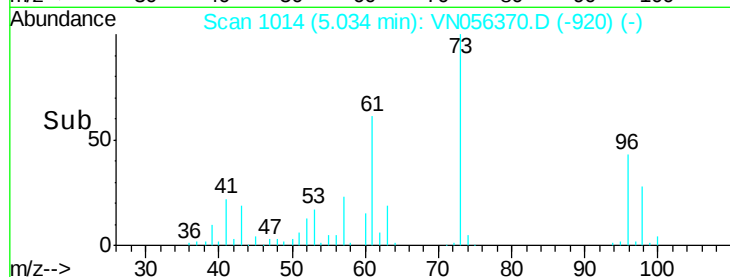
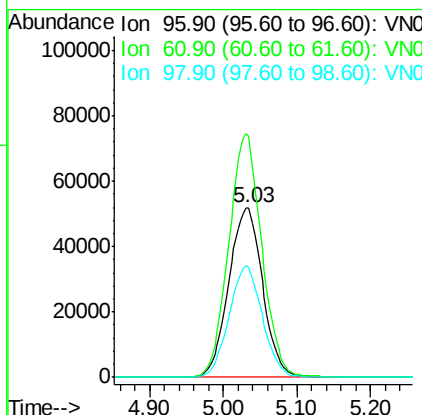
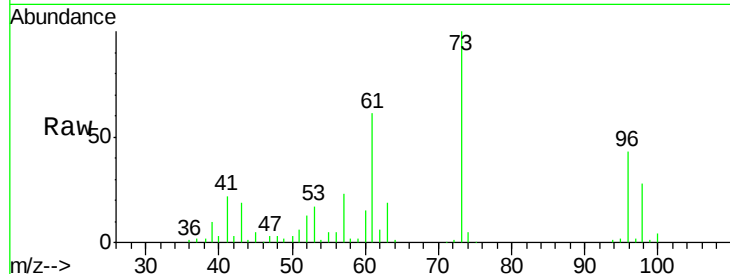
#21
trans-1,2-Dichloroethene
Concen: 46.732 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	109.8	164.6
98	65.0	52.0	78.0

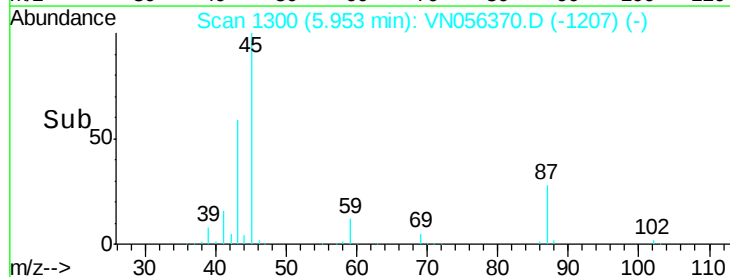
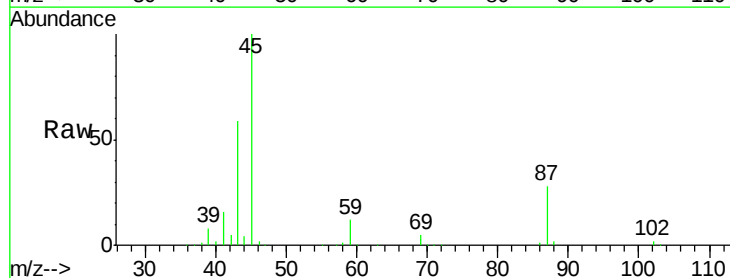
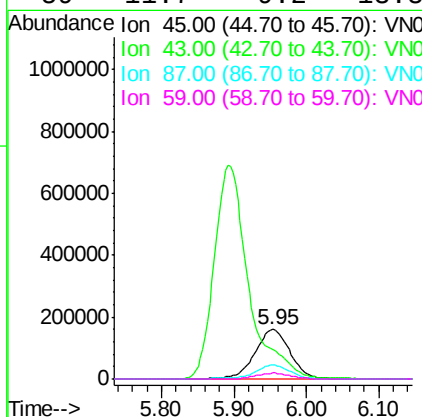
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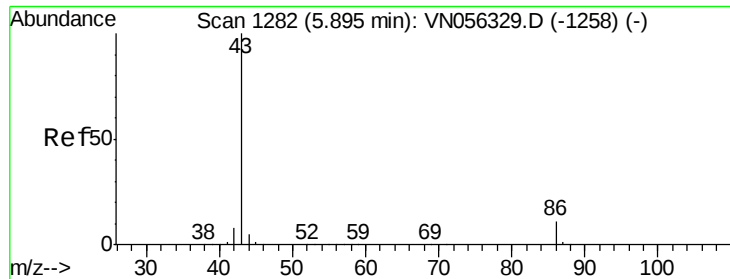
MMDadoda
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#22
Diisopropyl ether
Concen: 49.263 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.0	70.6
87	28.1	22.4	33.6
59	11.7	9.2	13.8





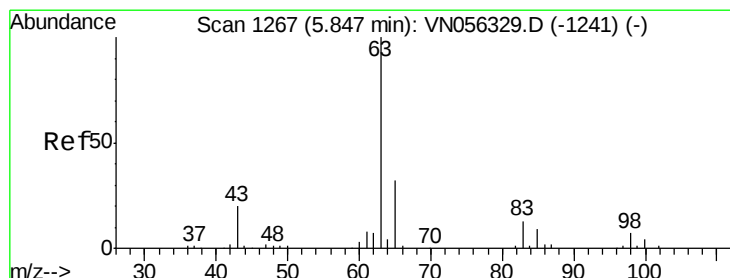
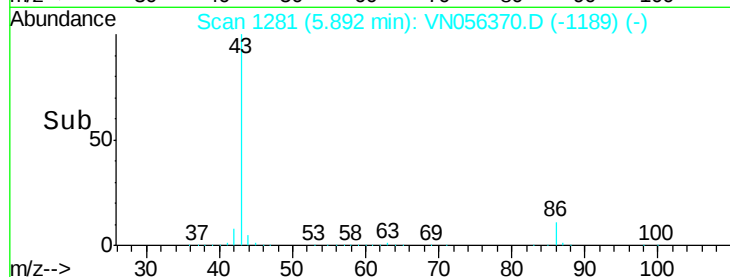
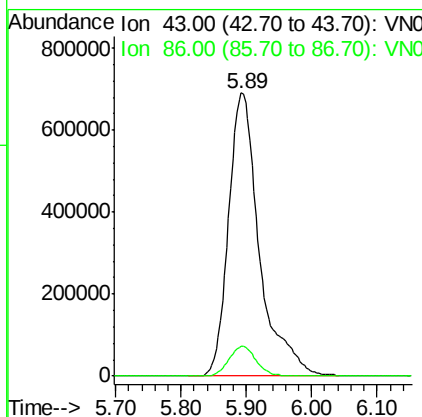
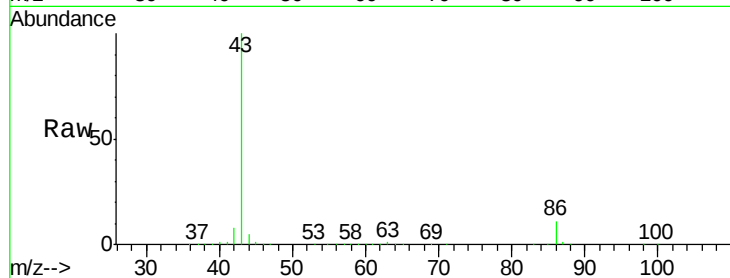
#23
 Vinyl Acetate
 Concen: 253.530 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2271193
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7

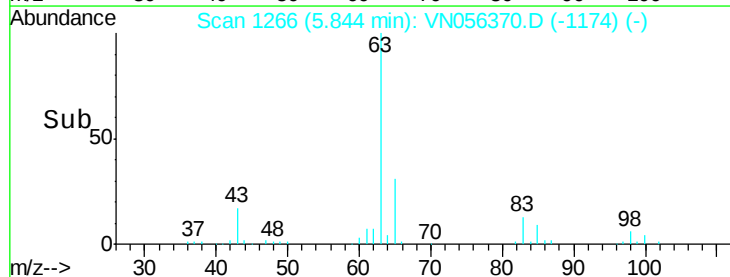
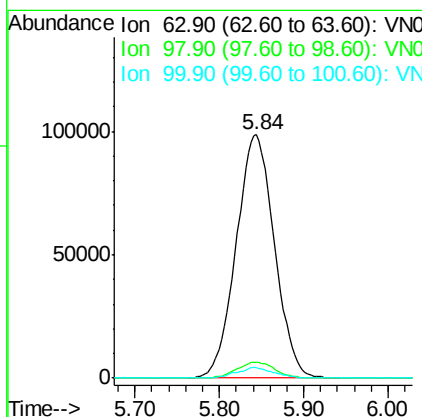
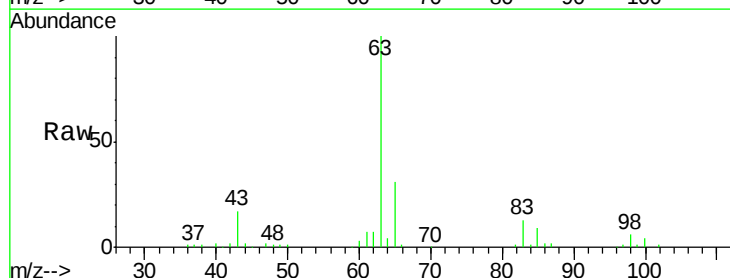
Manual Integrations
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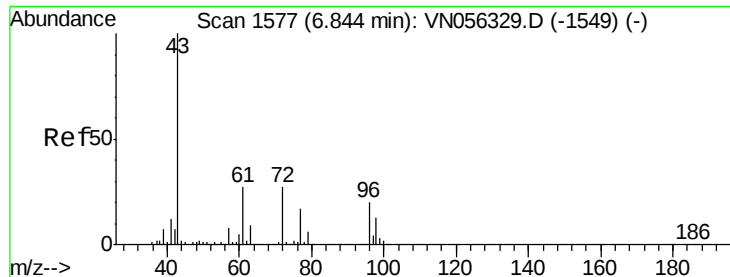
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 6/19/2019 12:19:56 PM



#24
 1,1-Dichloroethane
 Concen: 48.204 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion: 63 Resp: 311180
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 224.872 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 609472

Ion Ratio Lower Upper

43 100

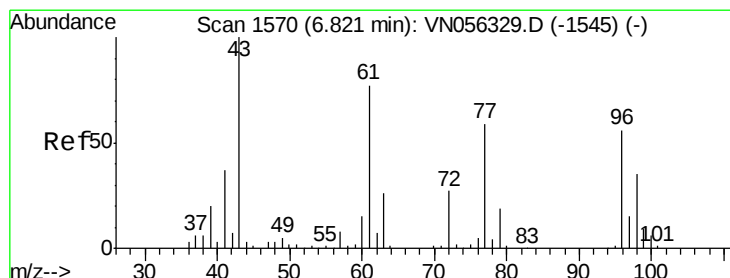
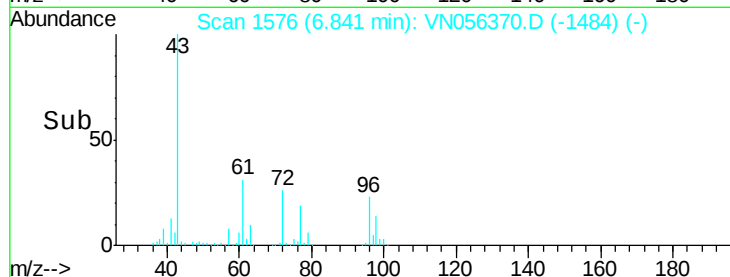
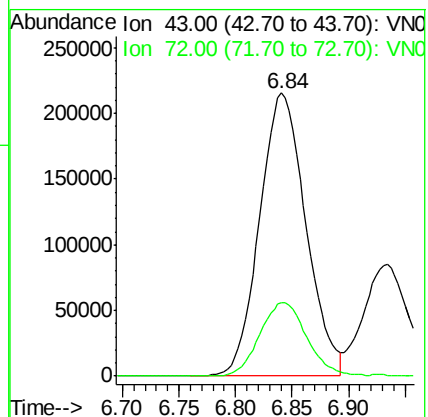
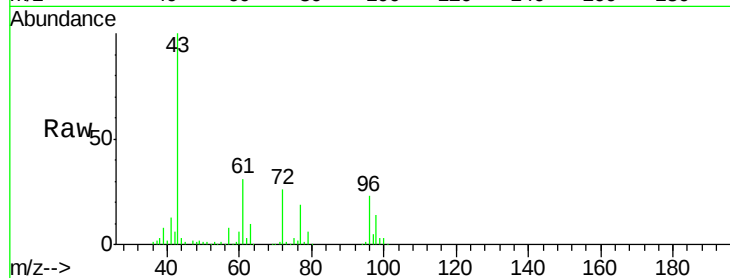
72 26.1 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.957 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056370.D

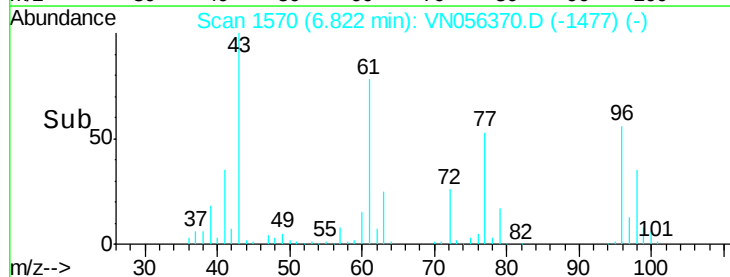
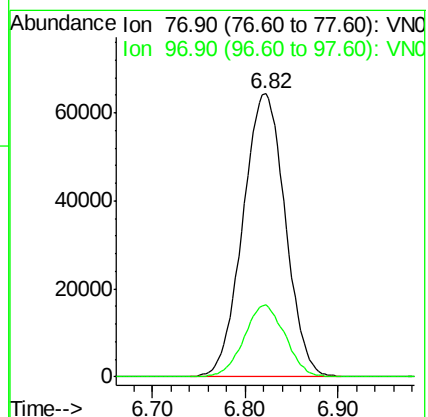
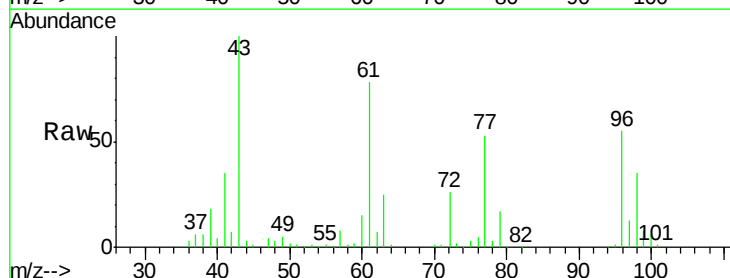
Acq: 18 Jun 2019 17:01

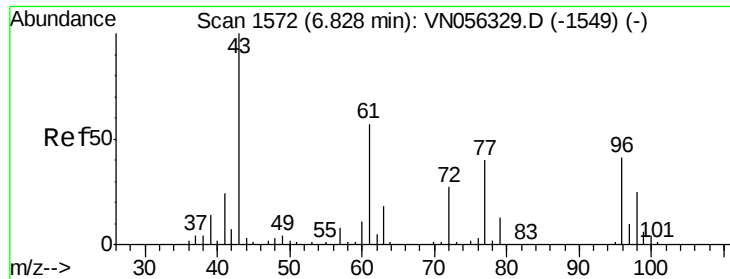
Tgt Ion: 77 Resp: 205196

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.228 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 198448

Ion Ratio Lower Upper

96 100

61 139.7 0.0 278.6

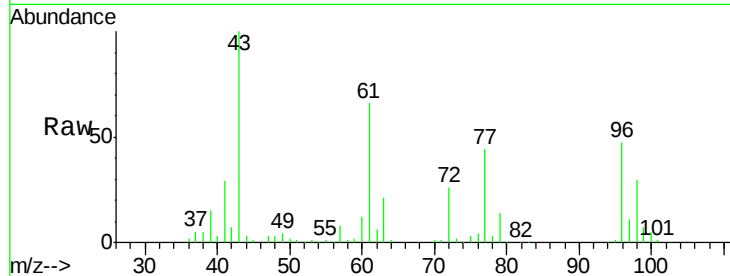
98 63.1 0.0 127.0

Manual Integrations

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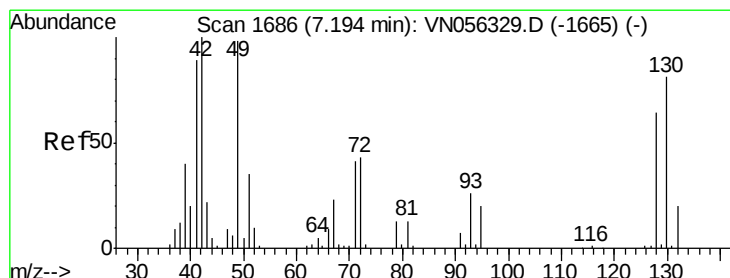
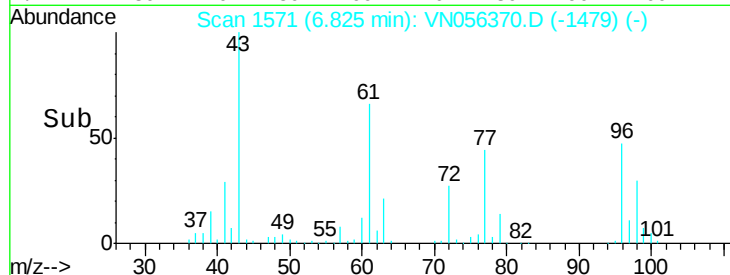
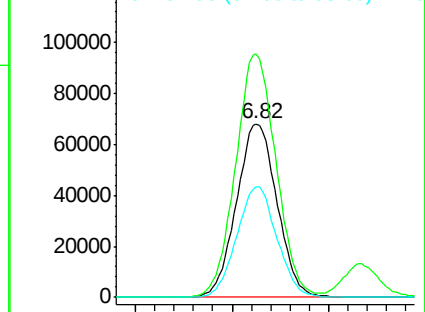
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.991 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

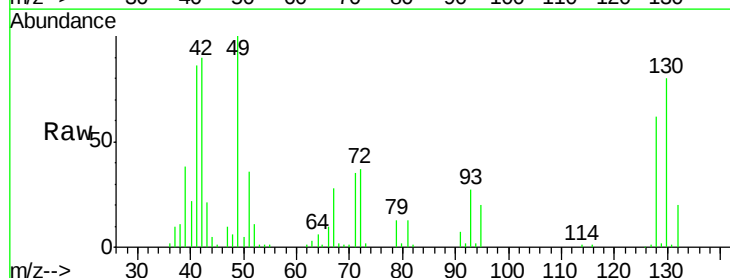
Tgt Ion: 49 Resp: 161606

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

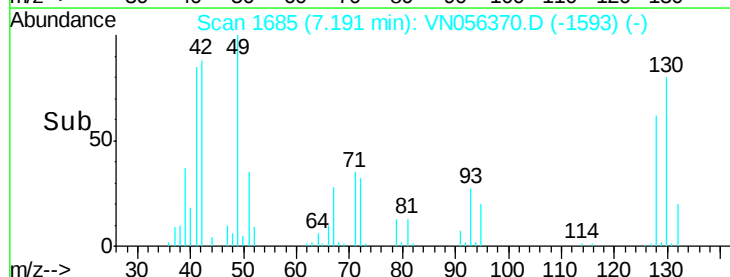
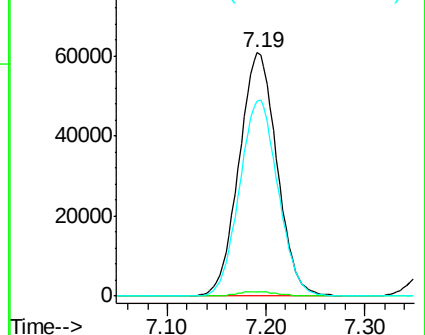
130 81.7 66.4 99.6

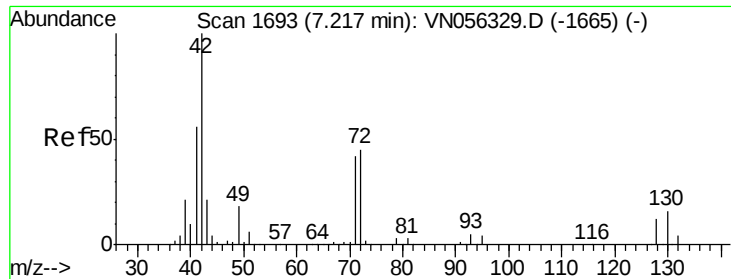


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





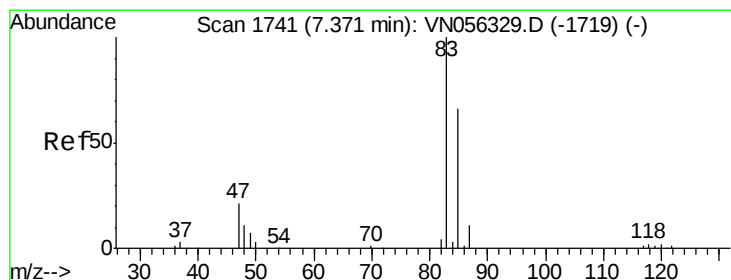
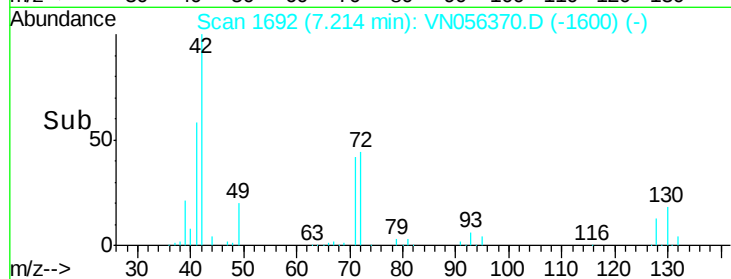
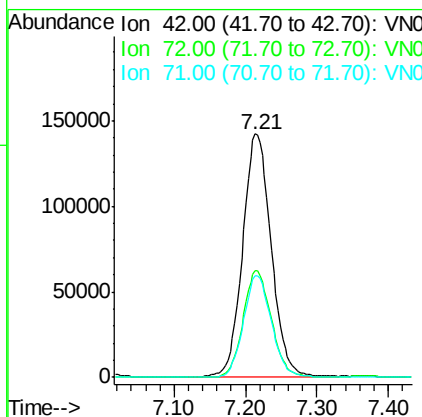
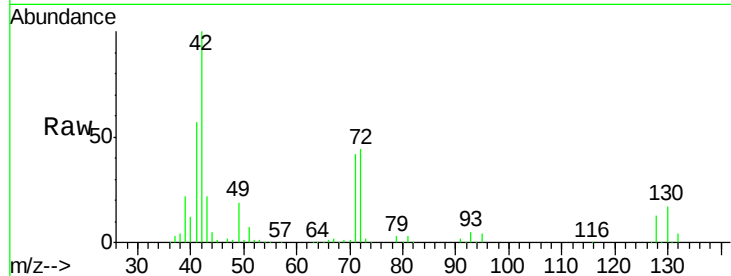
#29
Tetrahydrofuran
Concen: 247.365 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.3	52.9
71	40.7	32.7	49.1

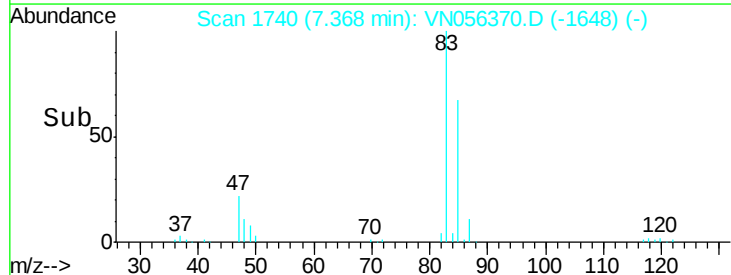
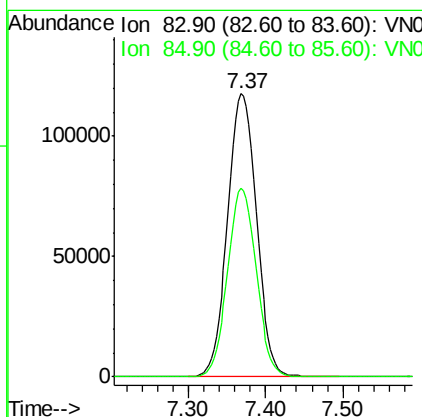
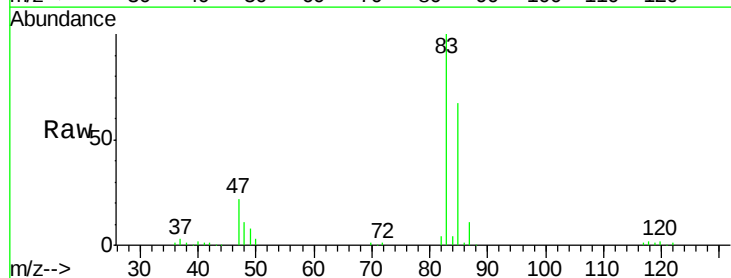
Manual Integrations
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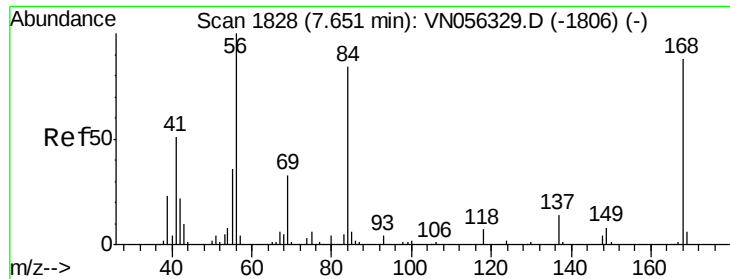
MMDadoda
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#30
Chloroform
Concen: 47.593 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.6	78.8





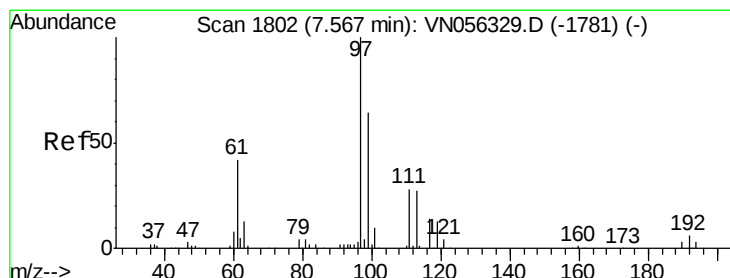
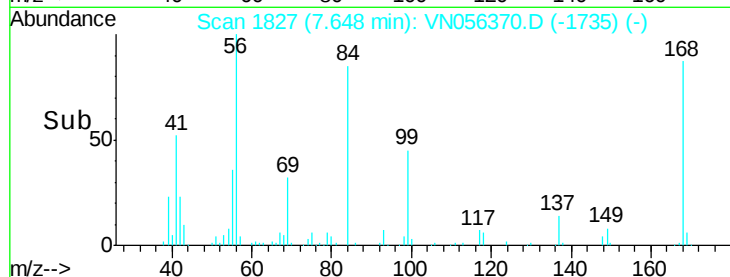
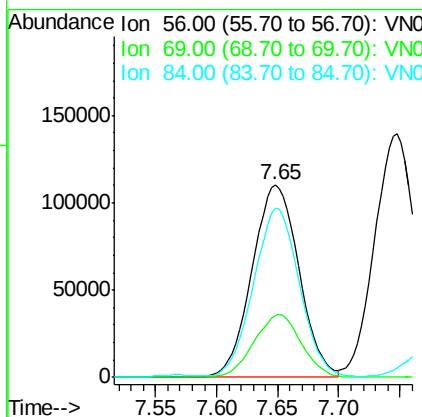
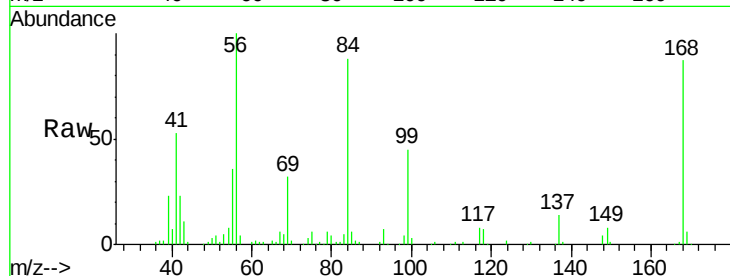
#31
Cyclohexane
Concen: 47.289 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.0	39.0
84	86.9	67.4	101.0

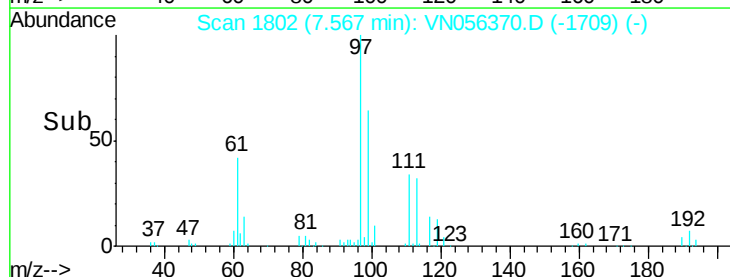
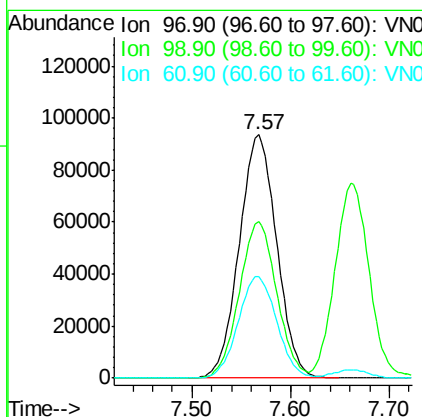
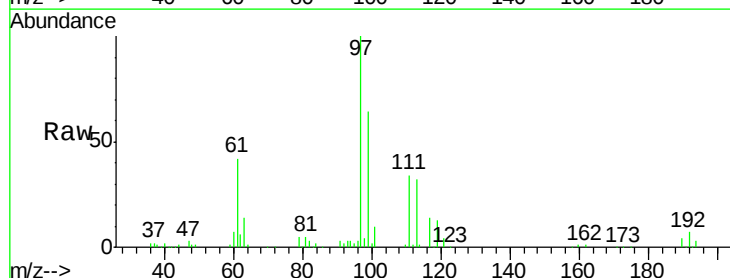
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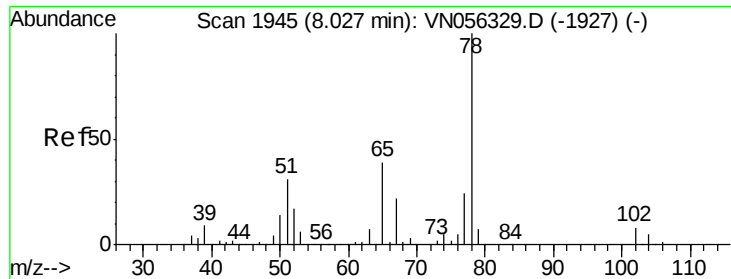
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#32
1,1,1-Trichloroethane
Concen: 46.287 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	42.9	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 48.532 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 196397

Ion Ratio Lower Upper

65 100

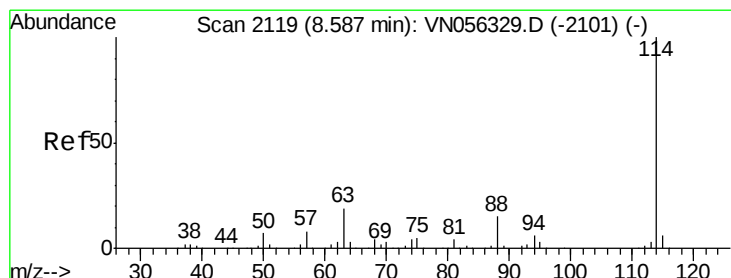
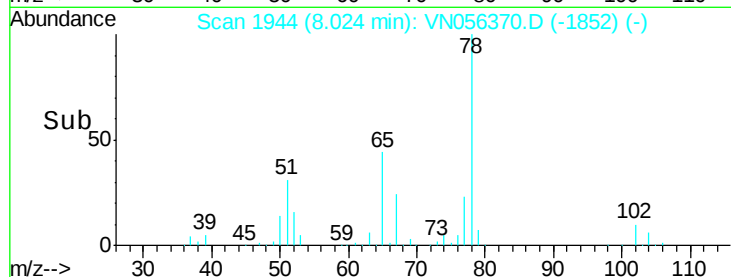
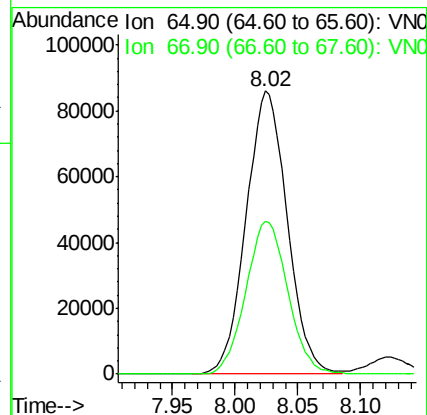
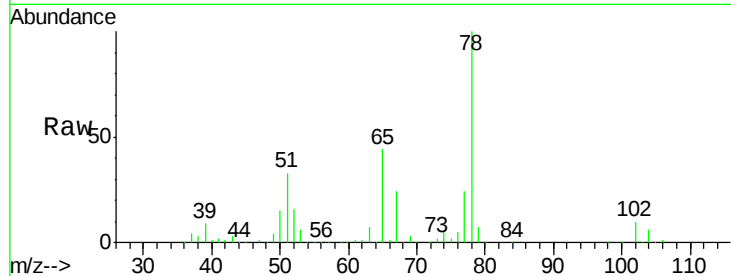
67 55.2 0.0 110.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

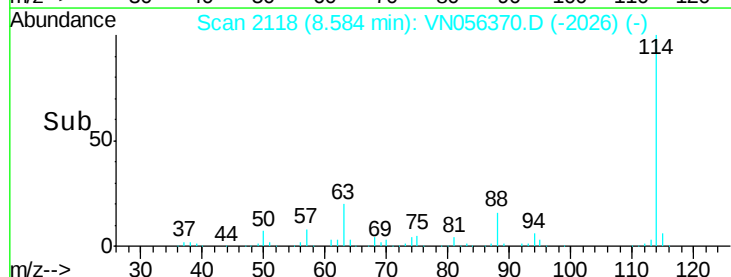
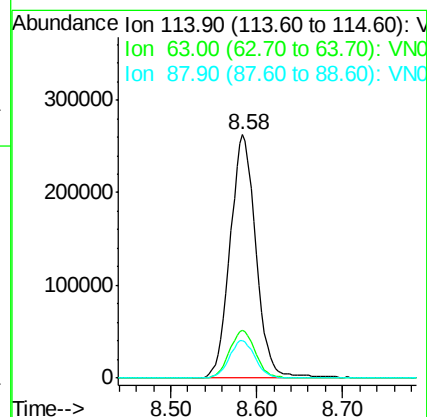
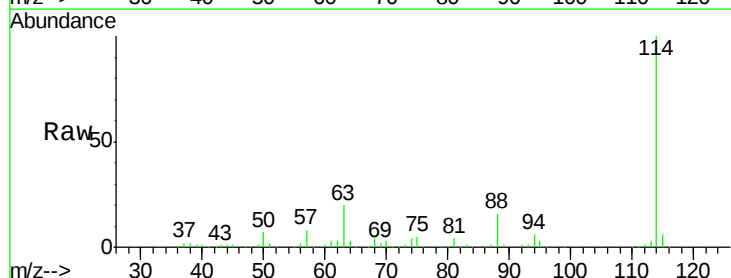
Tgt Ion: 114 Resp: 548041

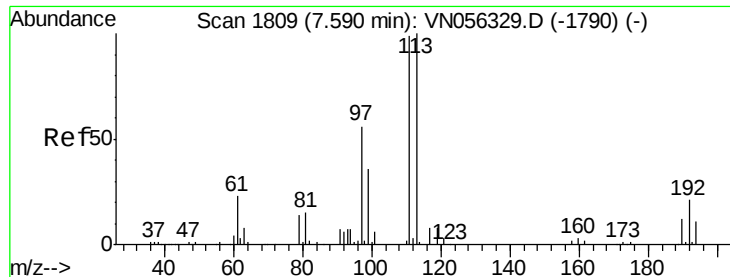
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

88 15.6 0.0 30.6





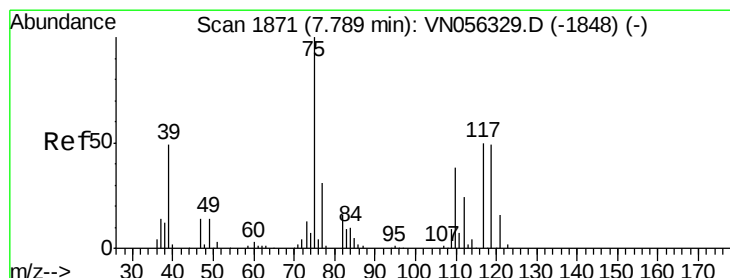
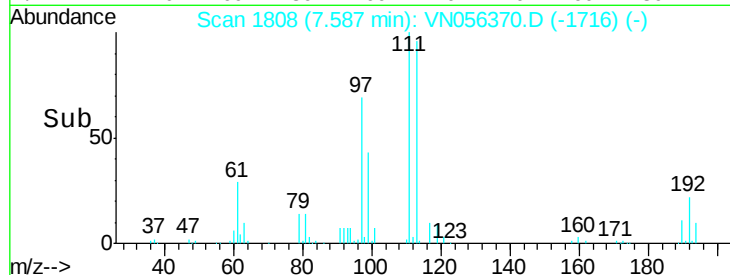
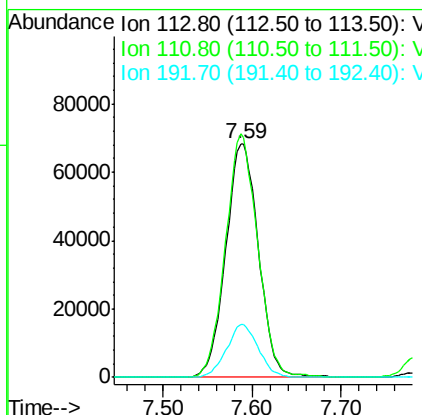
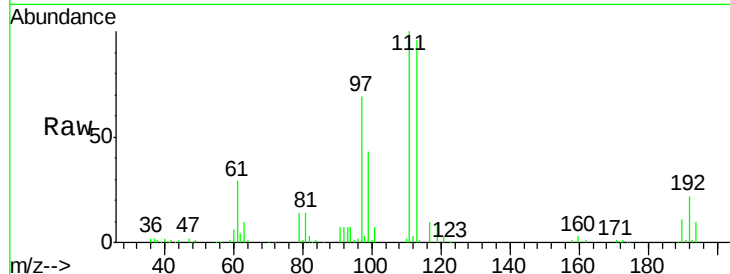
#35
 Dibromofluoromethane
 Concen: 49.385 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173562		
111	102.6	82.1	123.1	
192	22.0	17.6	26.4	

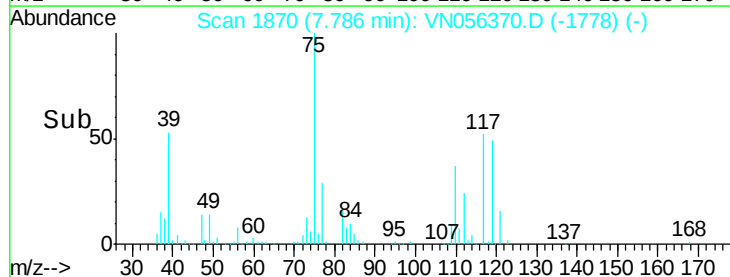
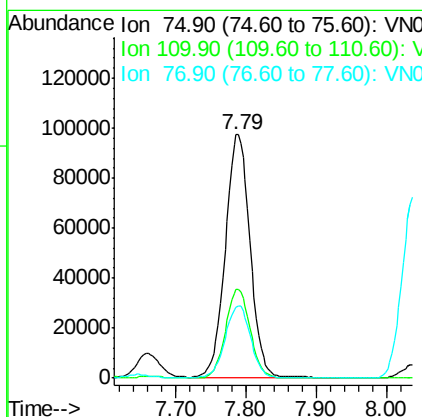
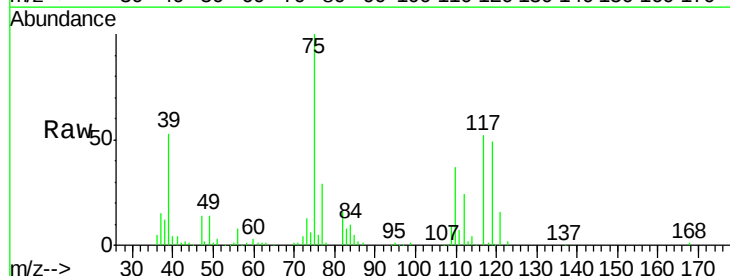
Manual Integrations
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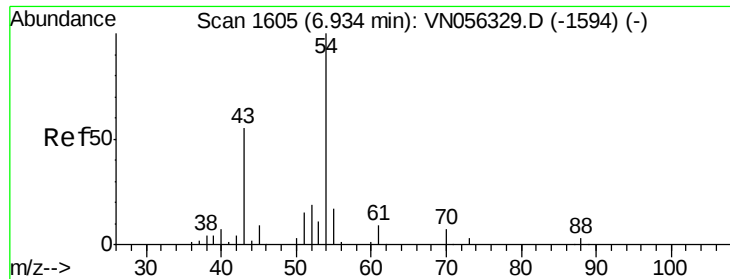
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#36
 1,1-Dichloropropene
 Concen: 48.874 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241032		
110	35.8	18.6	56.0	
77	30.5	25.0	37.6	





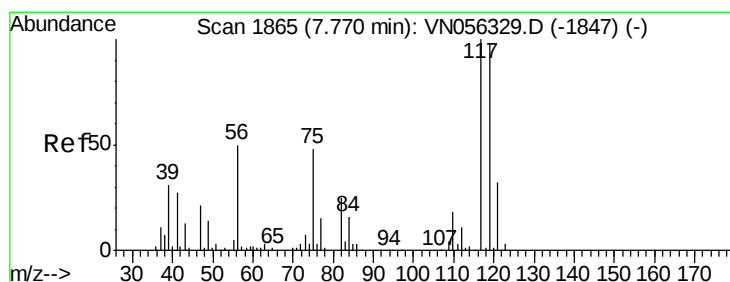
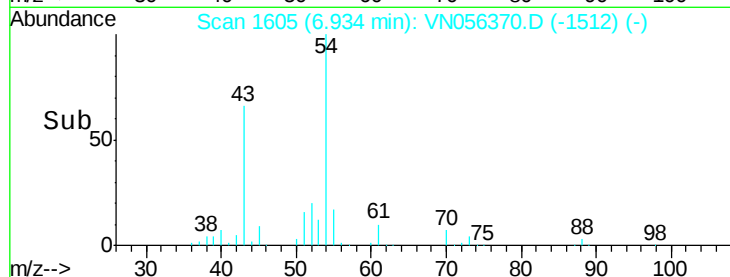
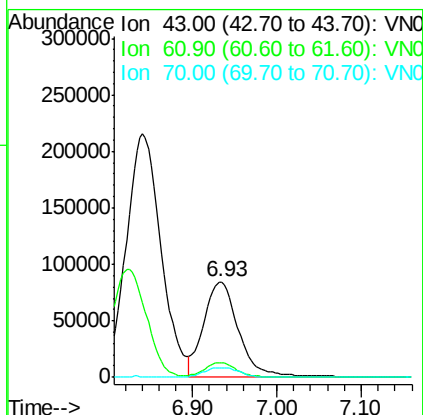
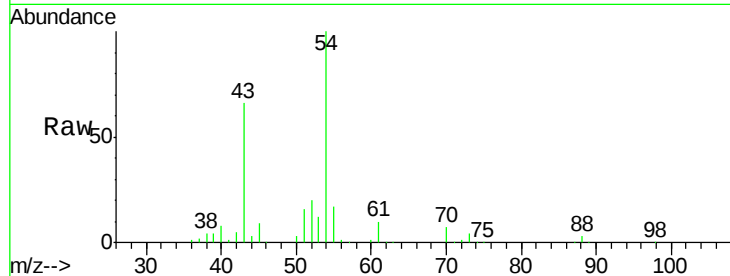
#37
Ethyl Acetate
Concen: 51.097 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.7	17.5
70	10.6	8.3	12.5

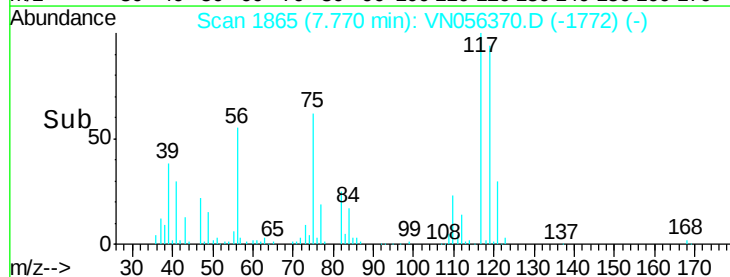
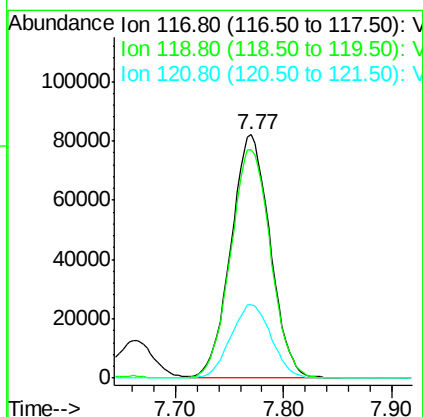
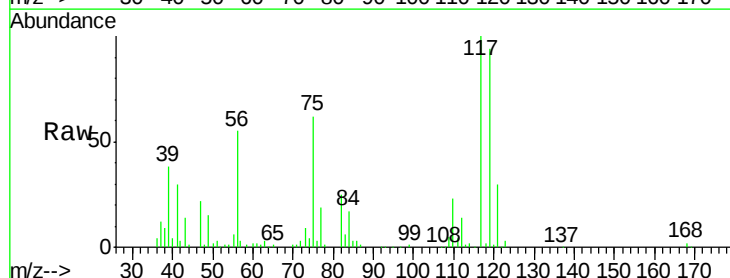
Manual Integrations
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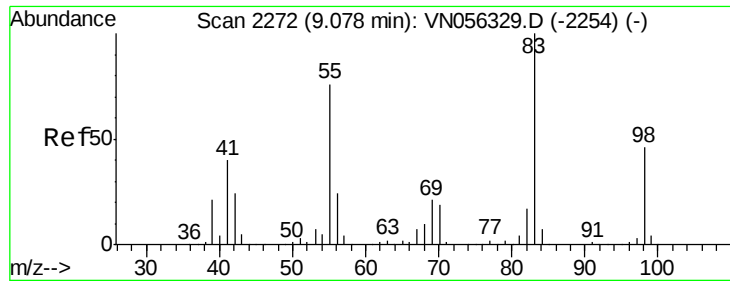
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#38
Carbon Tetrachloride
Concen: 43.892 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.8	116.8
121	30.3	25.3	37.9





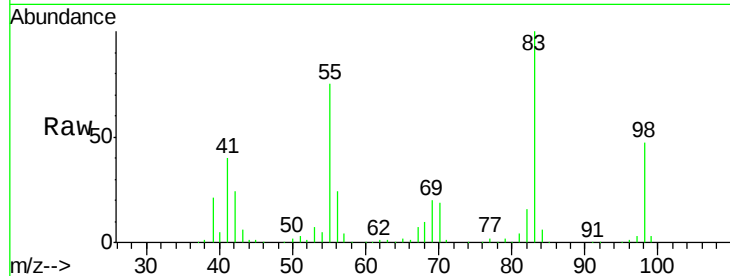
#39
Methvlcvclohexane
Concen: 49.200 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	295964		
55	75.2		60.8	91.2
98	46.8		36.8	55.2

Manual Integrations
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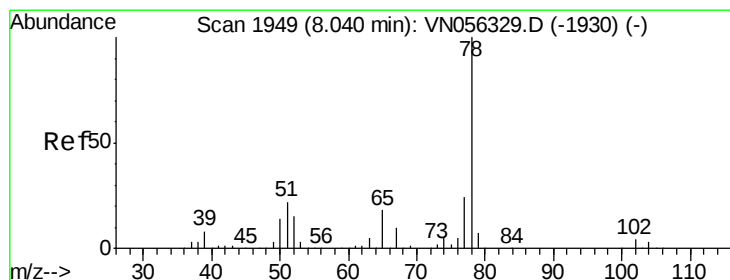
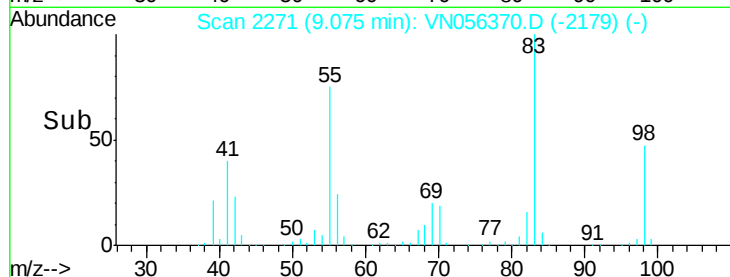
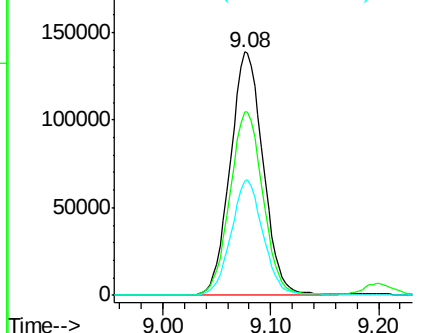
MMDadoda
6/19/2019 12:19:56 PM



Abundance Ion 83.00 (82.70 to 83.70): VN056370.D (-2179) (-)

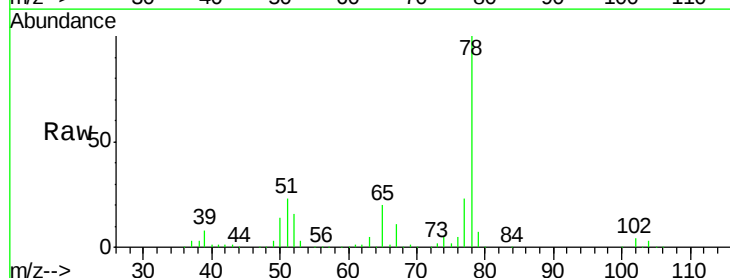
Ion 55.00 (54.70 to 55.70): VN056370.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN056370.D (-2179) (-)



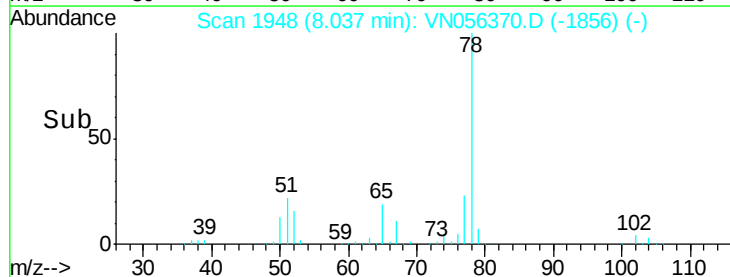
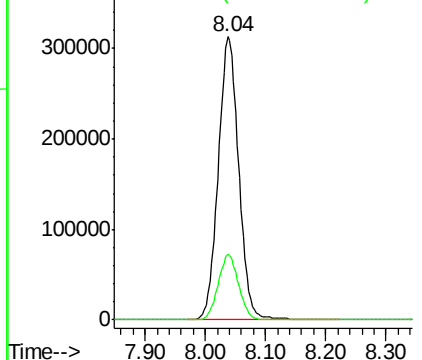
#40
Benzene
Concen: 48.666 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

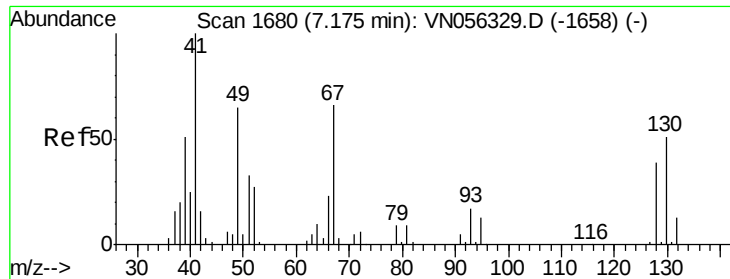
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	728051		
77	23.1		19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VN056370.D (-1856) (-)

Ion 77.00 (76.70 to 77.70): VN056370.D (-1856) (-)





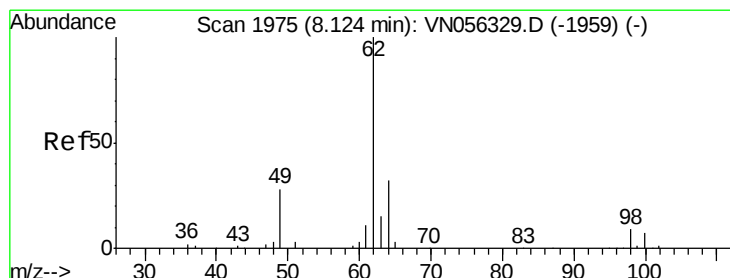
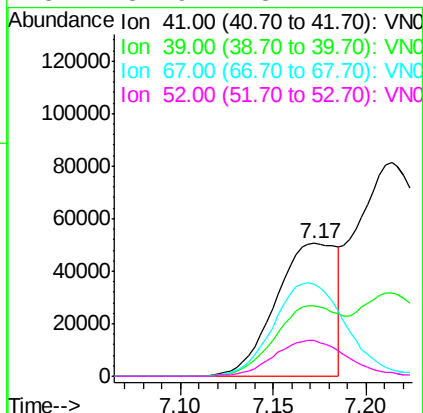
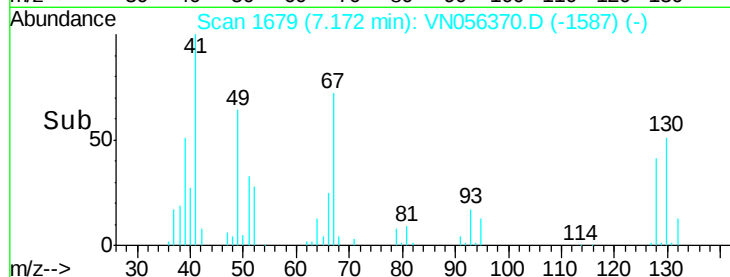
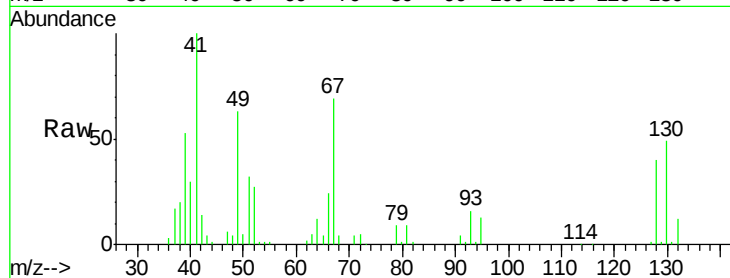
#41
Methacrylonitrile
Concen: 54.037 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		115968		
39	56.1	44.5	66.7		
67	84.2	69.0	103.4		
52	32.9	28.1	42.1		

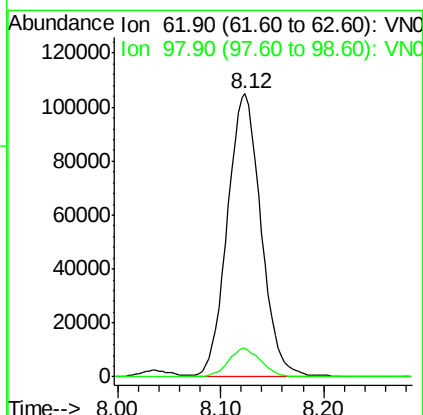
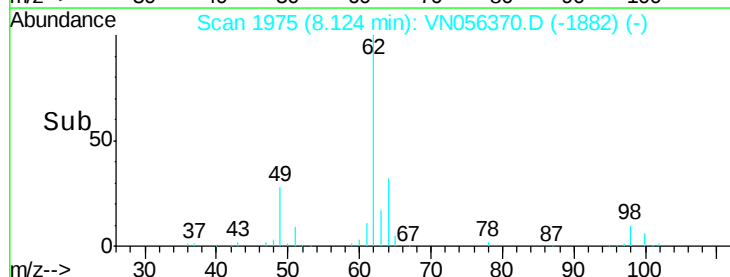
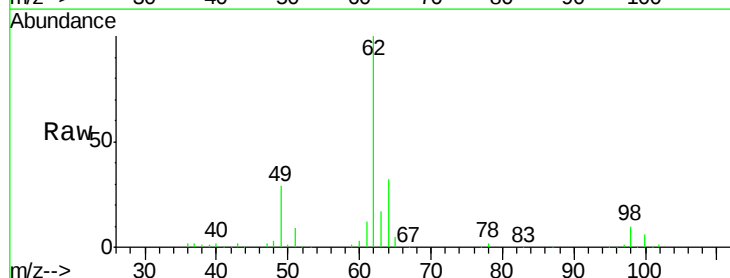
Manual Integrations
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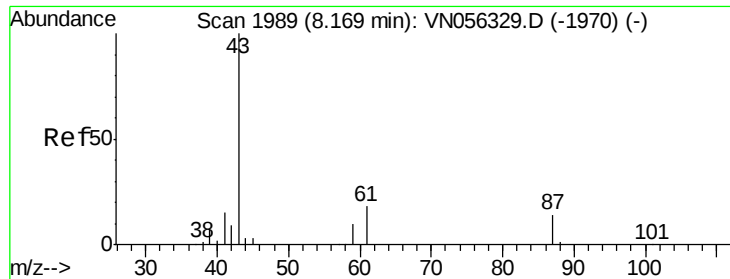
MMDadoda
6/19/2019 12:19:56 PM



#42
1,2-Dichloroethane
Concen: 48.393 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		237424		
98	9.8	0.0	19.4		





#43

Isopropyl Acetate

Concen: 48.912 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

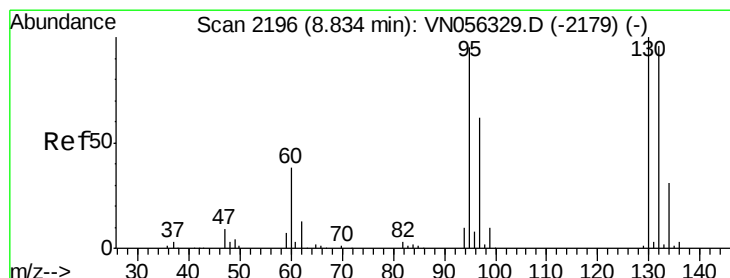
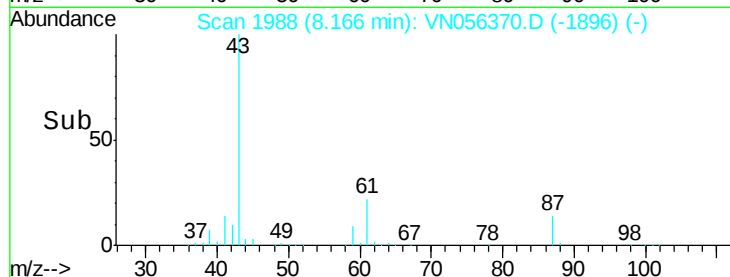
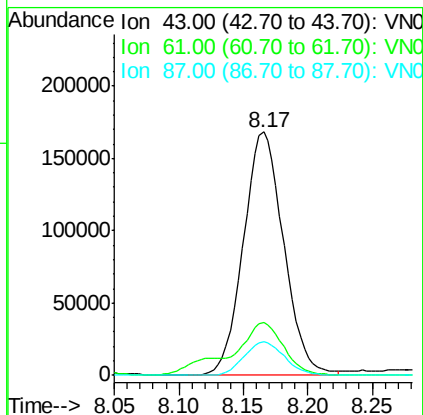
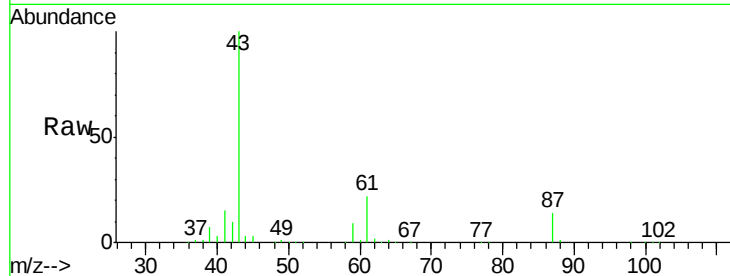
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	365677
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.6	25.0
87	13.9	11.0	16.4

Manual Integrations
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6/19/2019 12:19:56 PM



#44

Trichloroethene

Concen: 48.304 ug/l

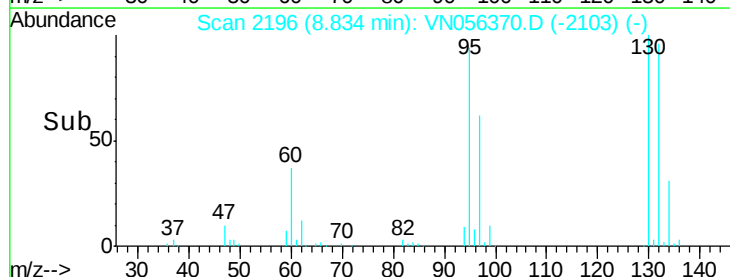
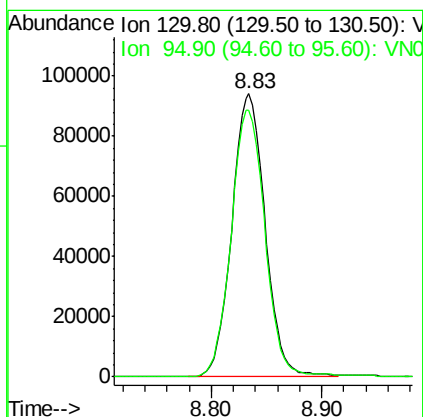
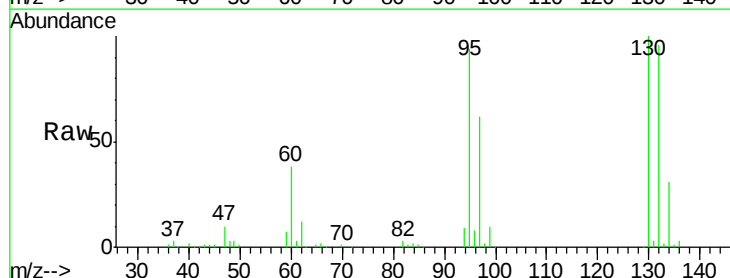
RT: 8.83 min Scan# 2196

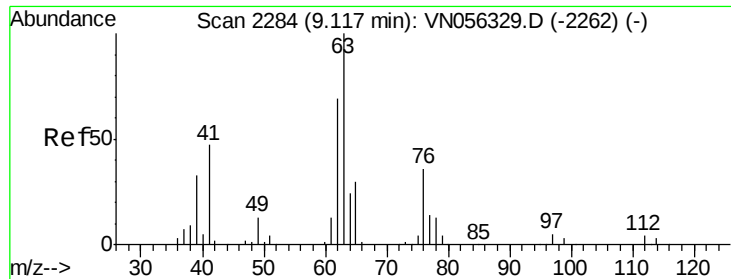
Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	130	Resp:	196517
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	190.4





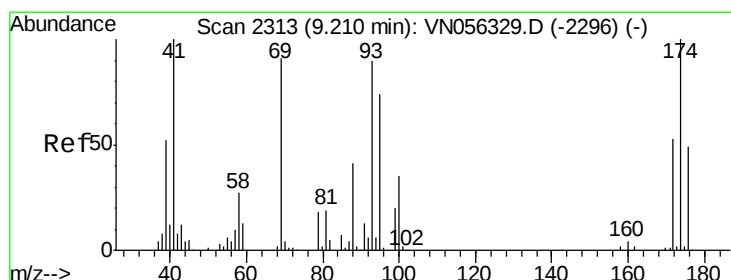
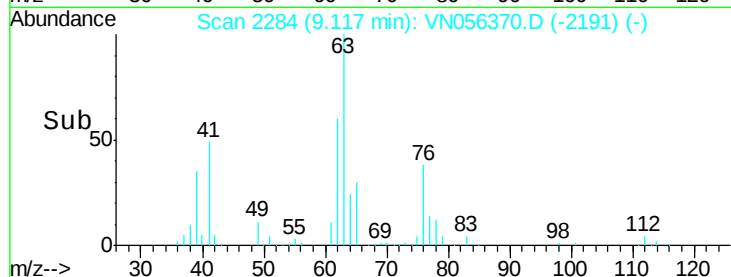
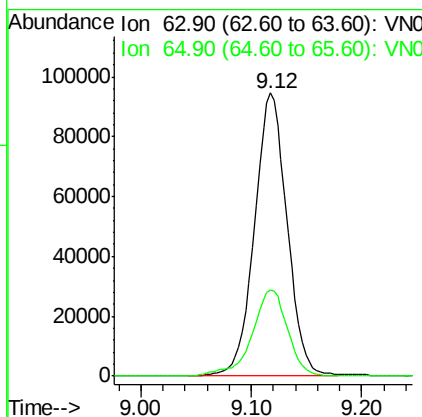
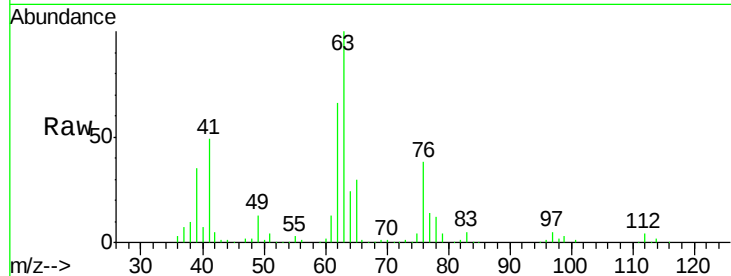
#45
1,2-Dichloropropane
Concen: 49.055 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 63 Resp: 193954
Ion Ratio Lower Upper
63 100
65 30.5 24.4 36.6

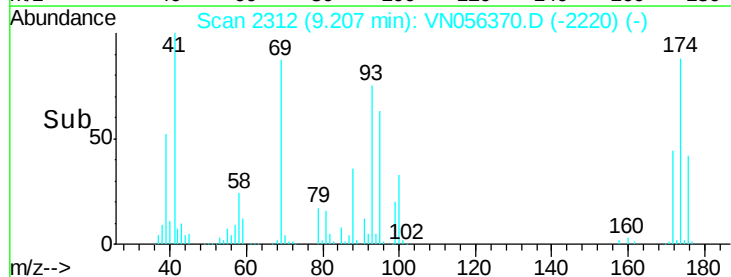
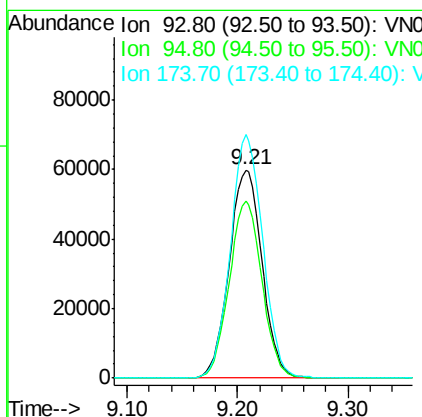
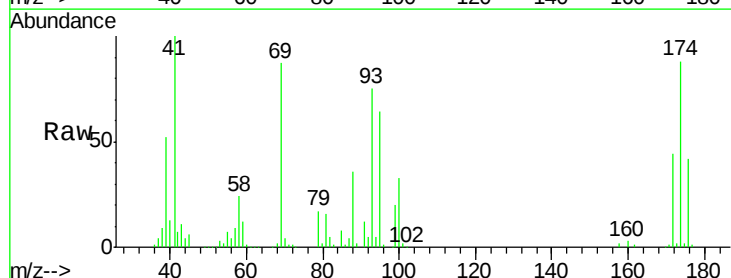
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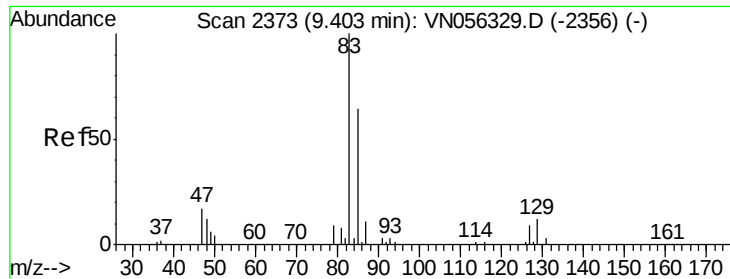
MMDadoda
6/19/2019 12:19:56 PM



#46
Dibromomethane
Concen: 47.314 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 93 Resp: 124315
Ion Ratio Lower Upper
93 100
95 84.1 67.2 100.8
174 114.3 90.3 135.5





#47

Bromodichloromethane

Concen: 45.005 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

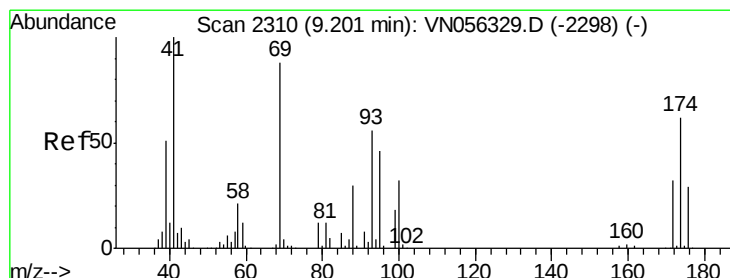
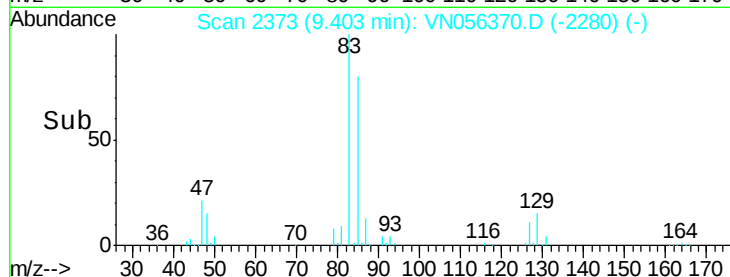
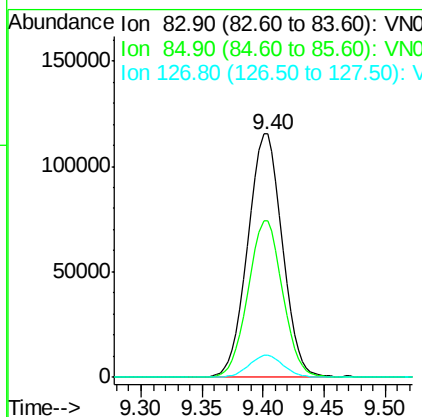
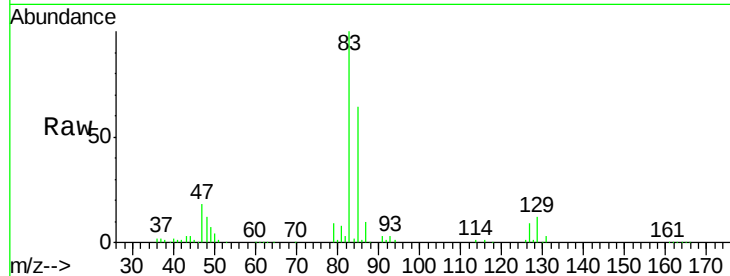
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	225911
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.1	76.7
127	9.0	7.1	10.7

Manual Integrations
APPROVED

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6/19/2019 12:19:56 PM



#48

Methyl methacrylate

Concen: 48.711 ug/l

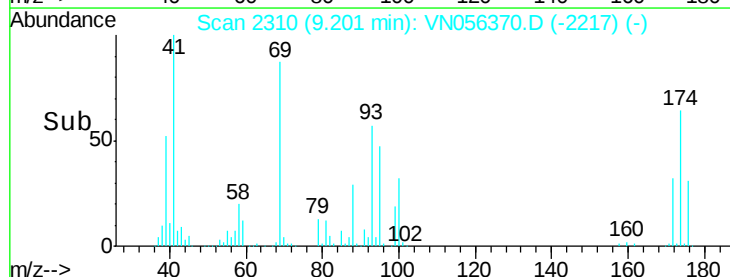
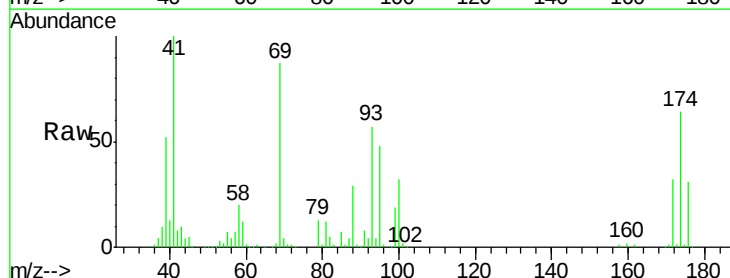
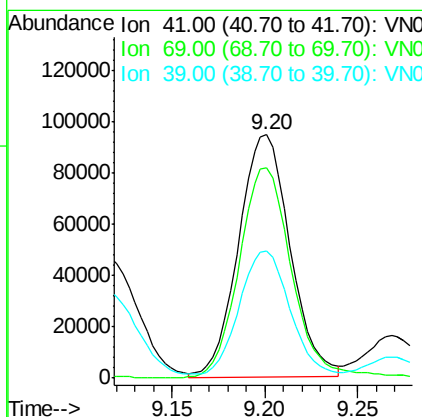
RT: 9.20 min Scan# 2310

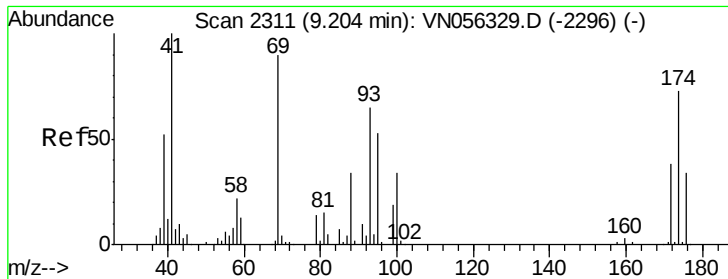
Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	41	Resp:	183736
Ion Ratio	Lower	Upper	
41	100		
69	88.3	71.0	106.6
39	52.4	41.7	62.5





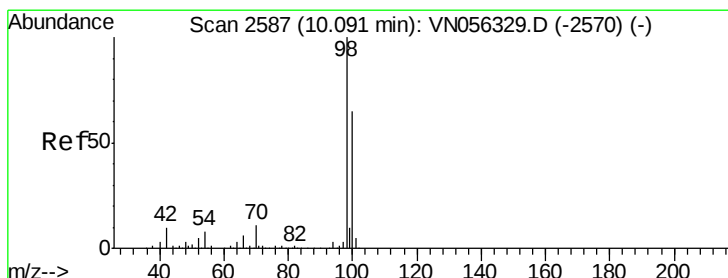
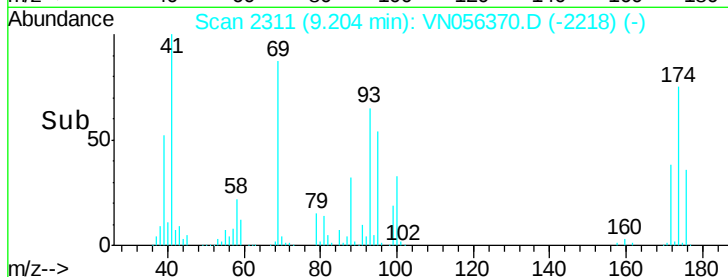
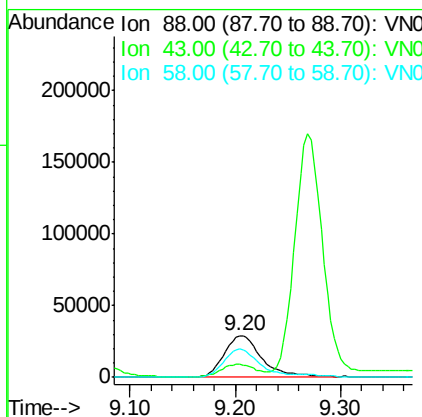
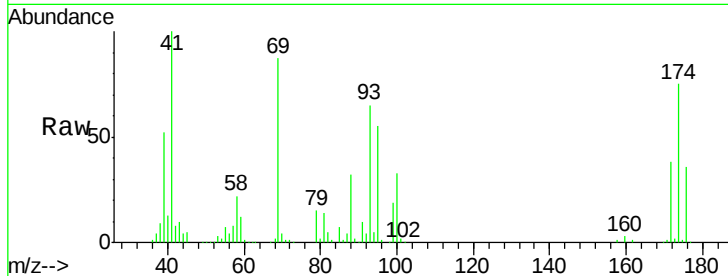
#49
1,4-Dioxane
Concen: 955.554 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	72709
Ion	Ratio	Lower	Upper
88	100		
43	26.5	21.9	32.9
58	64.6	57.3	85.9

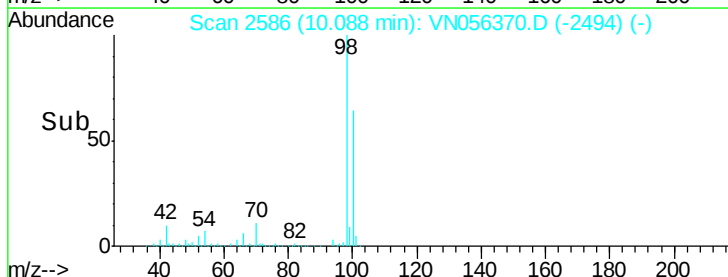
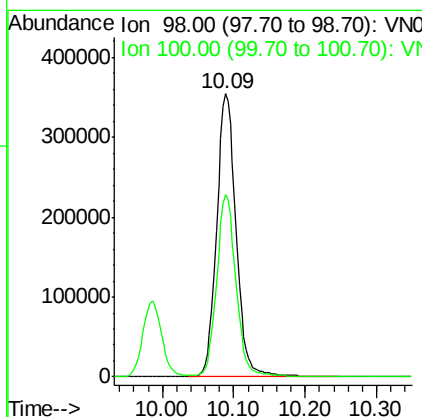
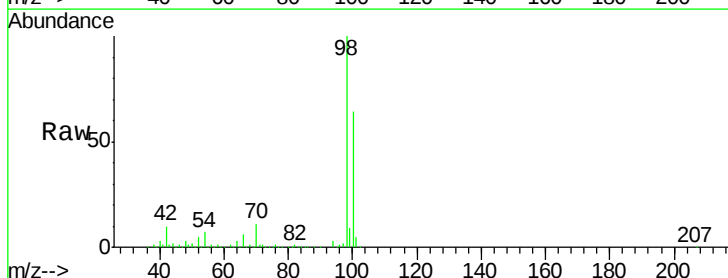
Manual Integrations
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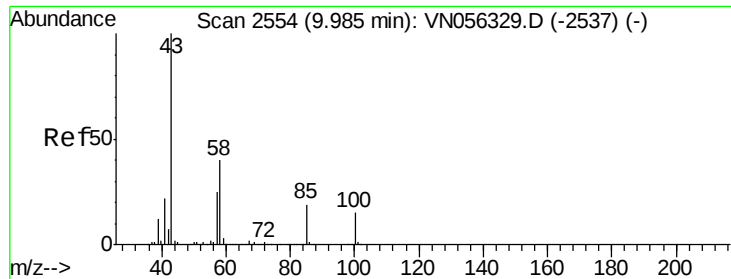
MMDadoda
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#50
Toluene-d8
Concen: 49.896 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	98	Resp	669911
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 247.798 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1180735

Ion Ratio Lower Upper

43 100

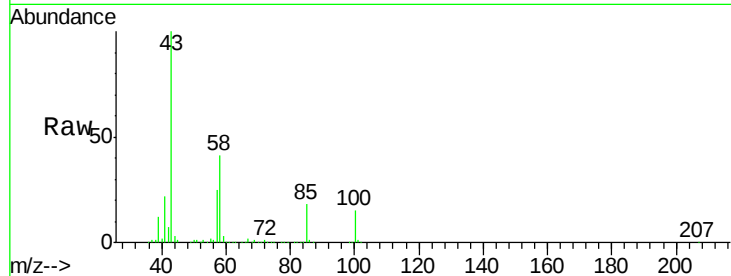
58 39.8 31.8 47.6

Manual Integrations

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MMDadoda

6/19/2019 12:19:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

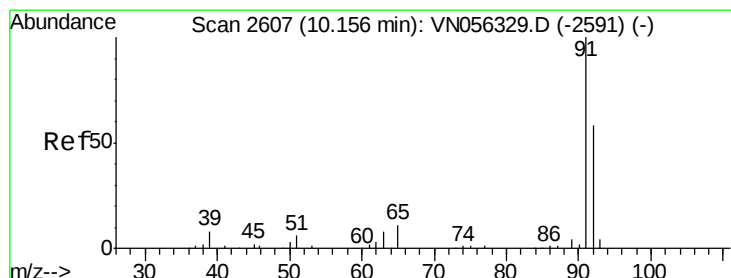
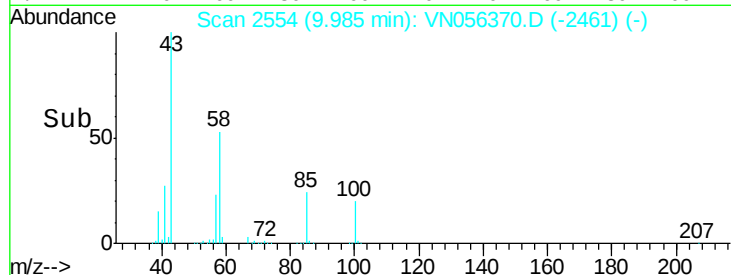
400000

200000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 49.612 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056370.D

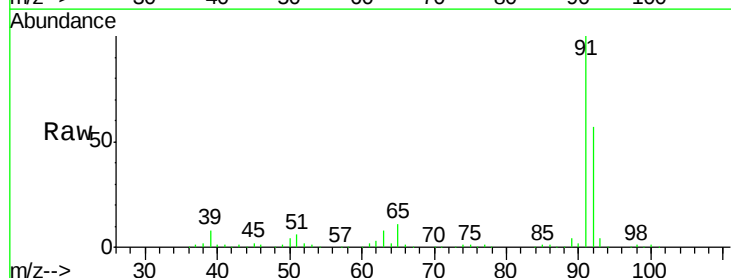
Acq: 18 Jun 2019 17:01

Tgt Ion: 92 Resp: 453022

Ion Ratio Lower Upper

92 100

91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

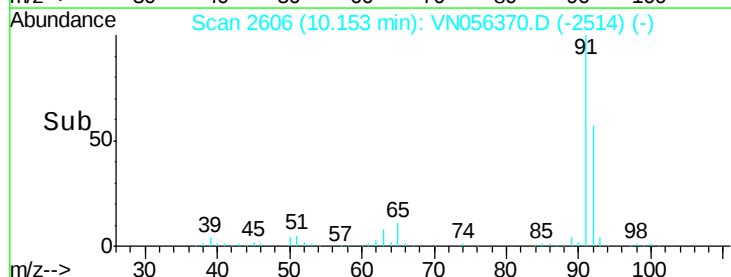
200000

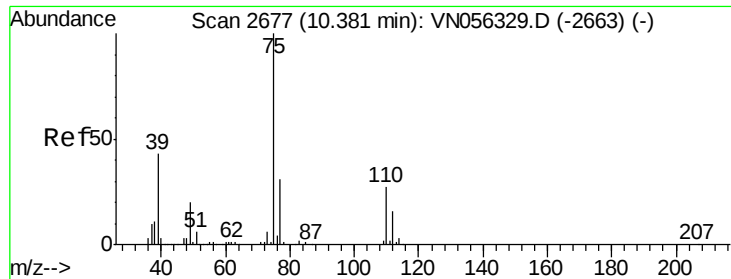
100000

0

10.10 10.20 10.30

Time-->





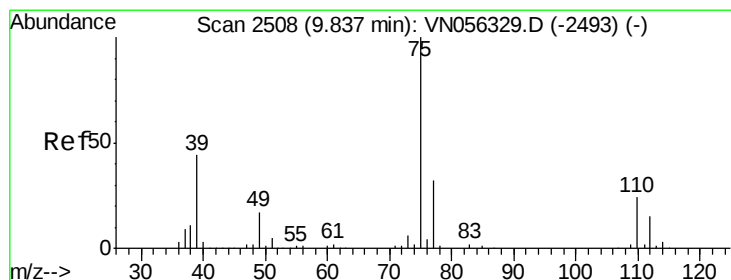
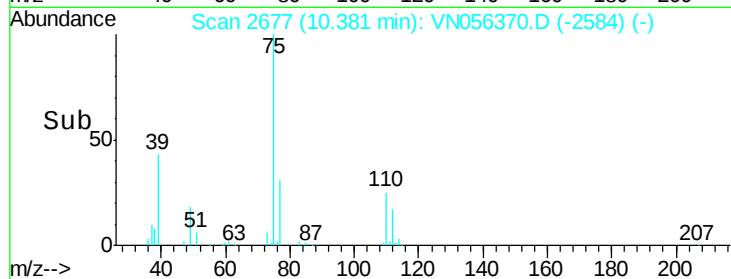
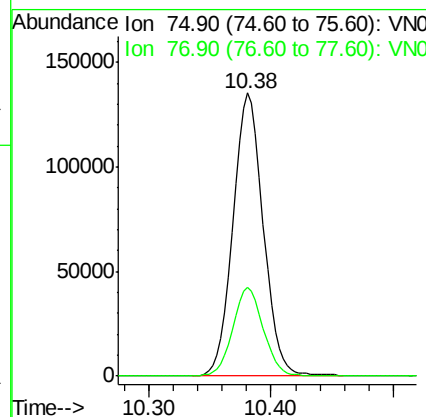
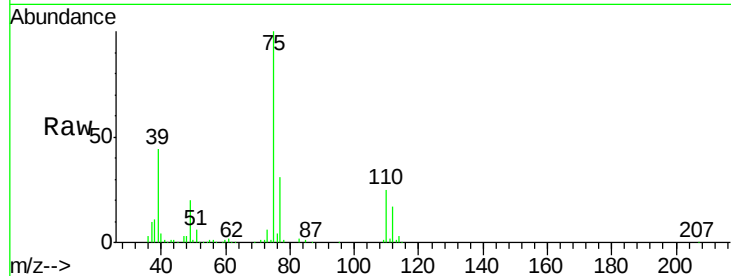
#53
t-1,3-Dichloropropene
Concen: 47.044 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 234477
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7

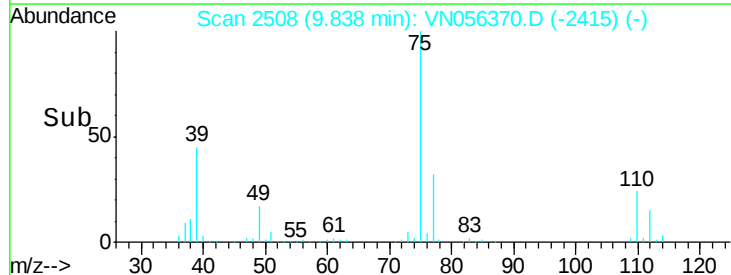
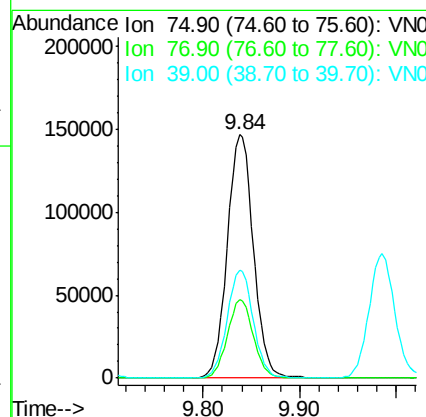
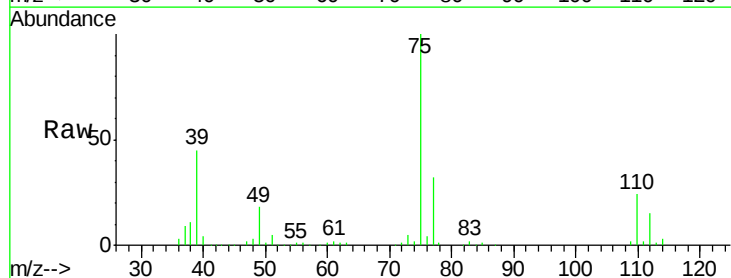
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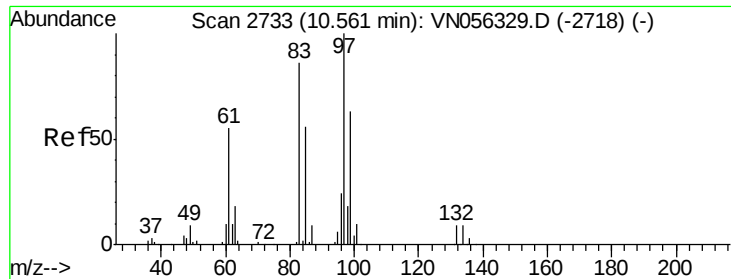
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.937 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 75 Resp: 275585
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 44.4 35.4 53.0





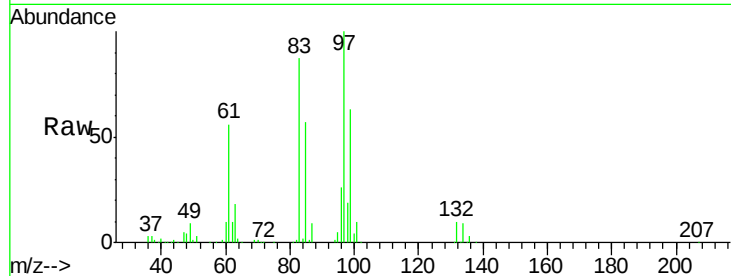
#55
 1,1,2-Trichloroethane
 Concen: 47.734 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	179135
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.4
85	56.5	44.6	67.0
99	62.4	50.5	75.7

Manual Integrations
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MMDadoda
 6/19/2019 12:19:56 PM



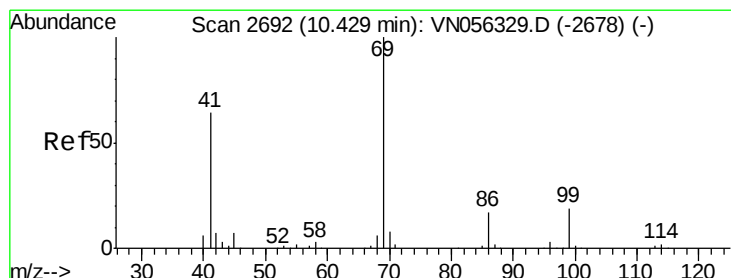
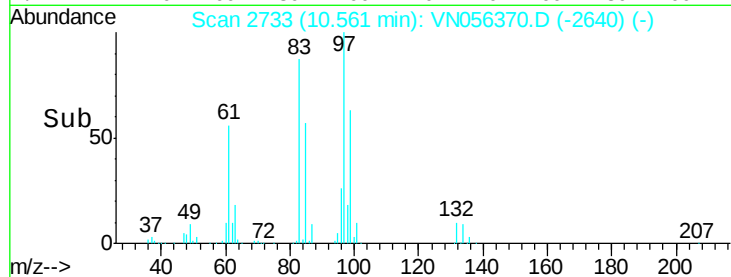
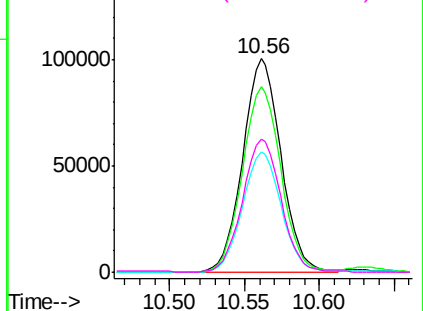
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

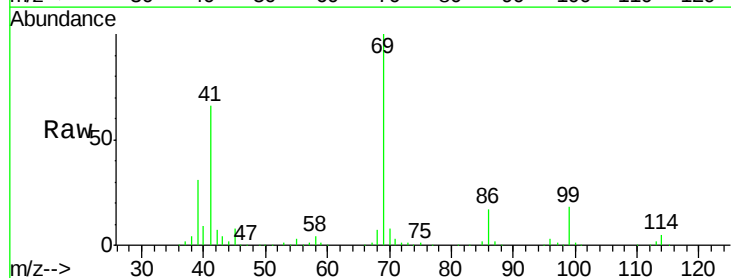
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 50.998 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion:	69	Resp:	275237
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.0	78.0
39	30.5	24.4	36.6

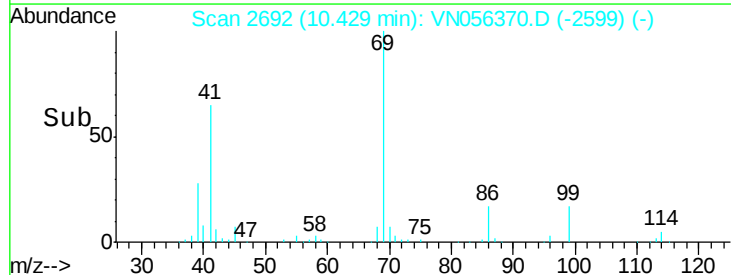
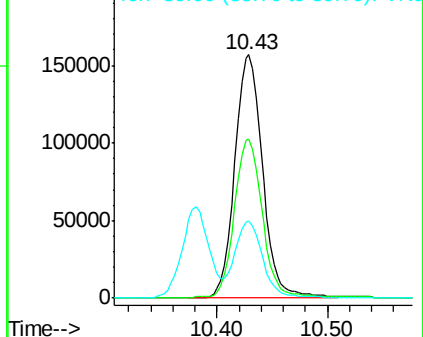


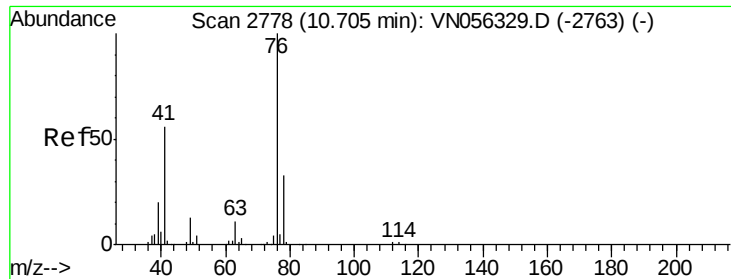
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.327 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 305479

Ion Ratio Lower Upper

76 100

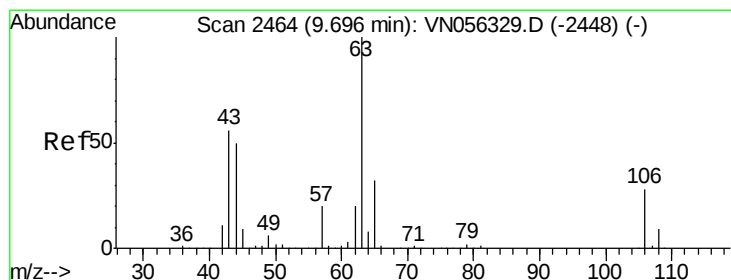
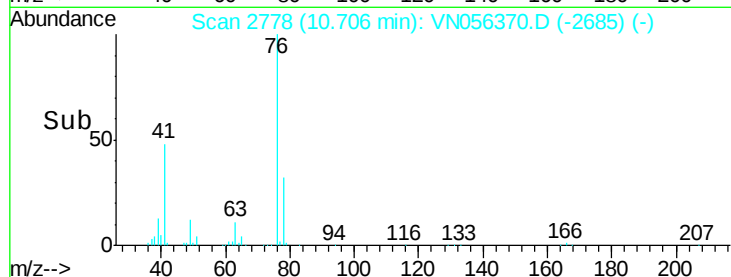
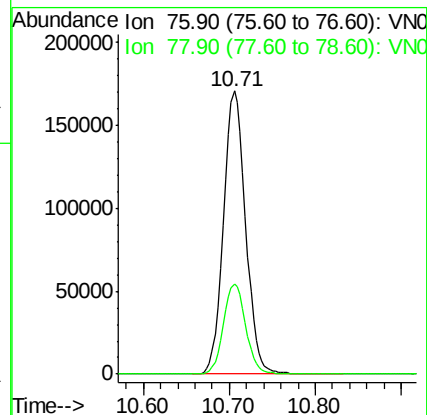
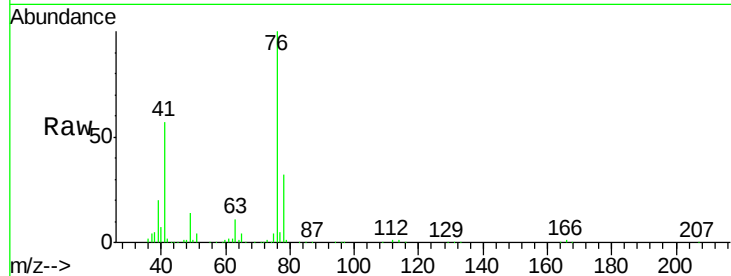
78 32.1 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 254.449 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056370.D

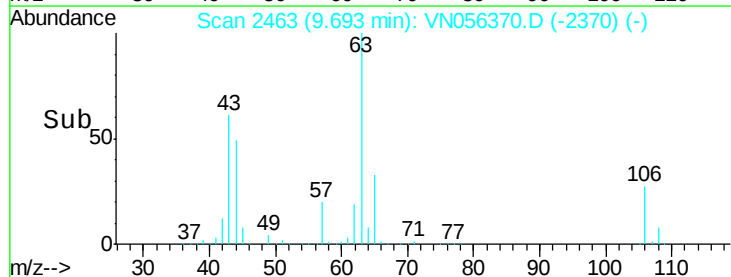
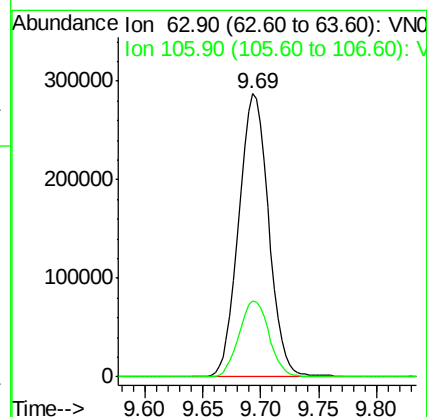
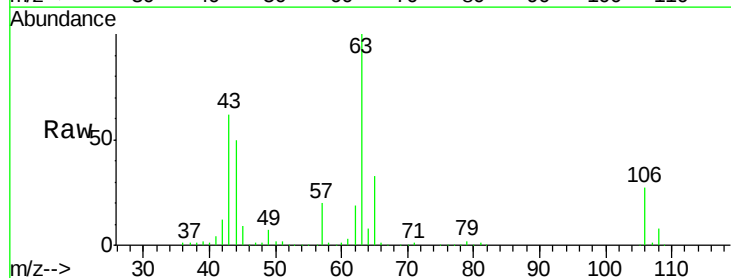
Acq: 18 Jun 2019 17:01

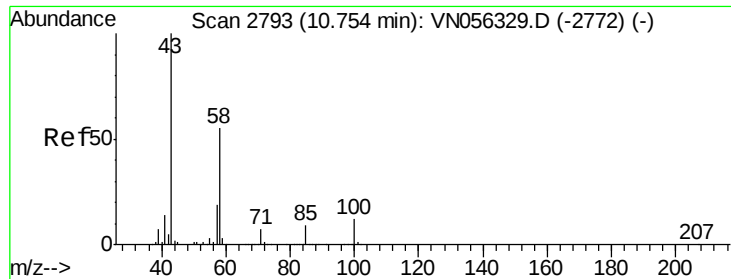
Tgt Ion: 63 Resp: 513947

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2





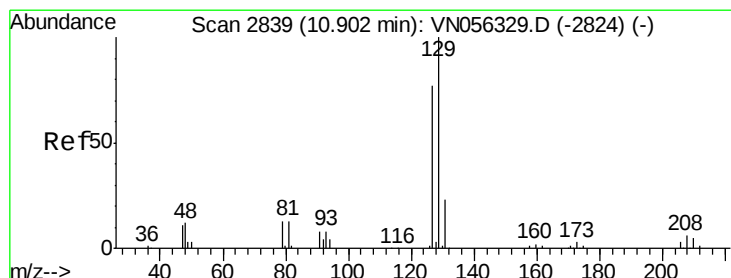
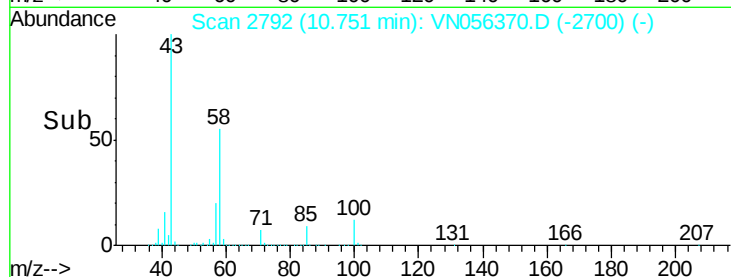
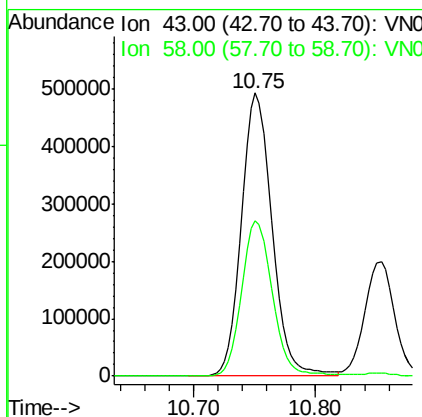
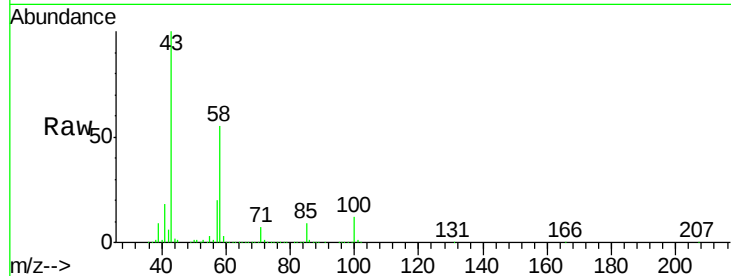
#59
2-Hexanone
Concen: 240.675 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 850511
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4

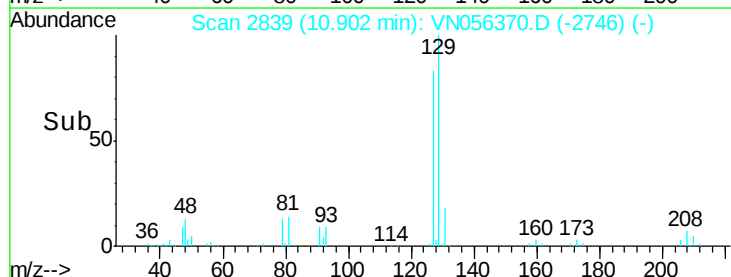
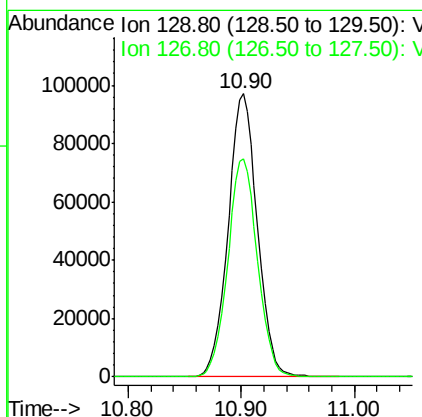
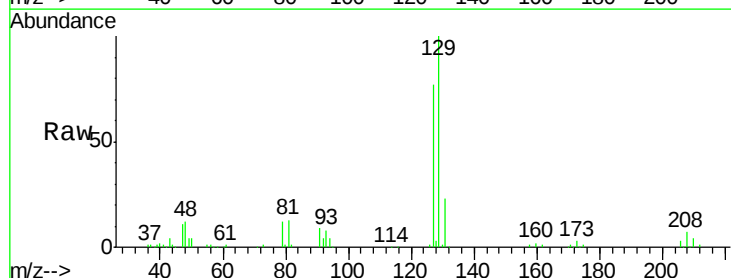
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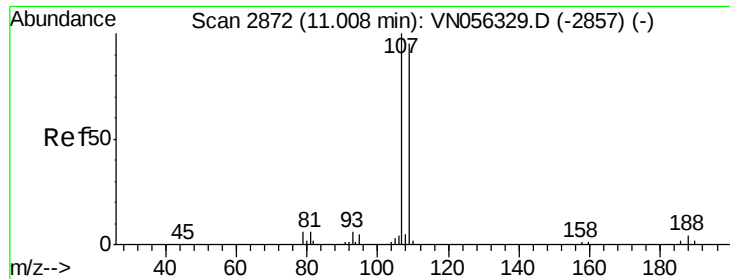
MMDadoda
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#60
Dibromochloromethane
Concen: 44.243 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 129 Resp: 174145
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





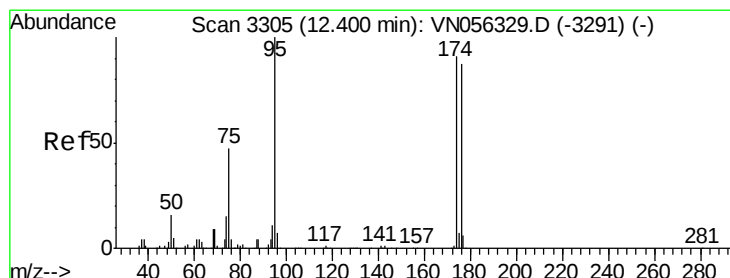
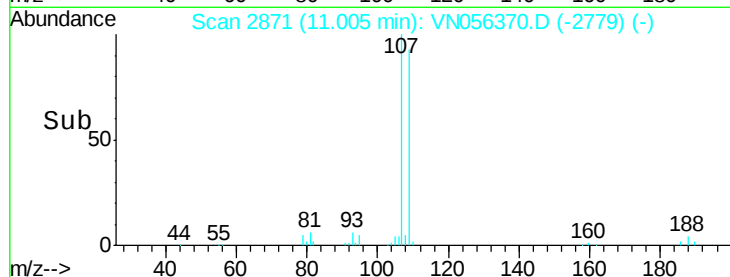
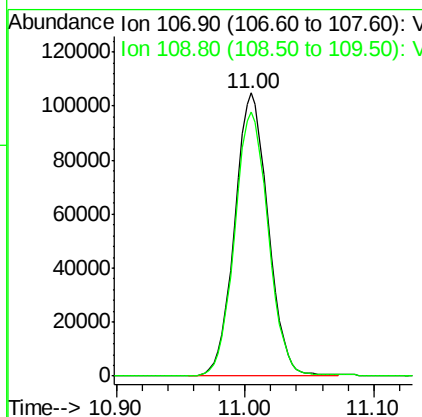
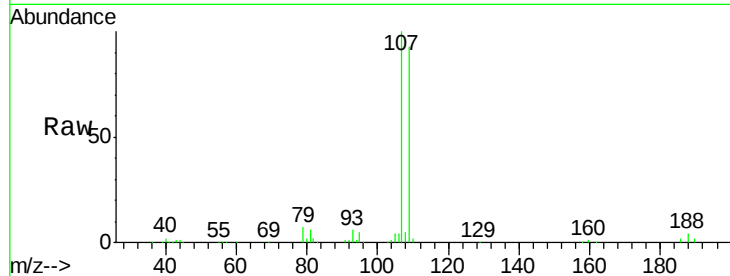
#61
 1,2-Dibromoethane
 Concen: 48.865 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	188502		
109	93.8	75.4	113.2	

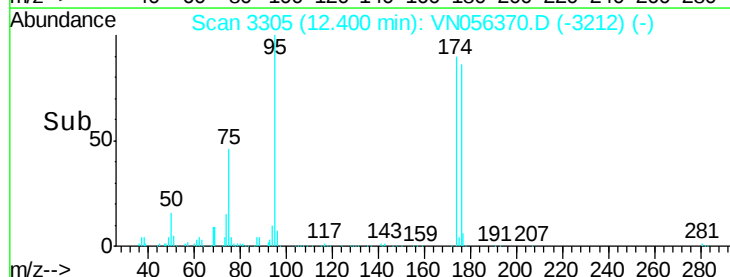
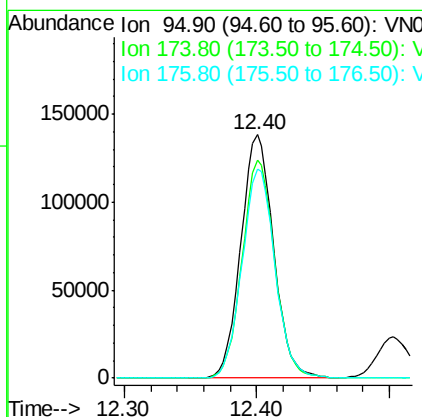
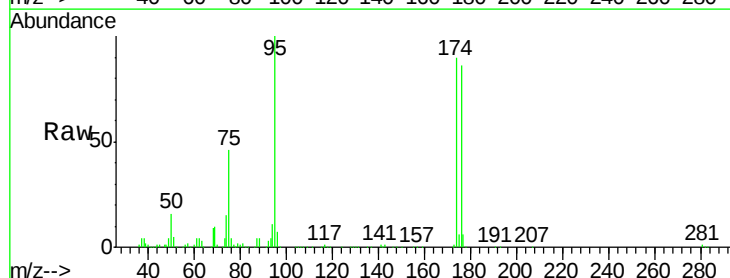
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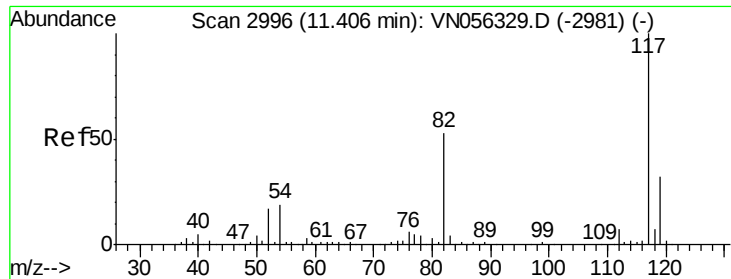
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 52.932 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	235497		
174	89.5	0.0	182.6	
176	87.1	0.0	176.8	





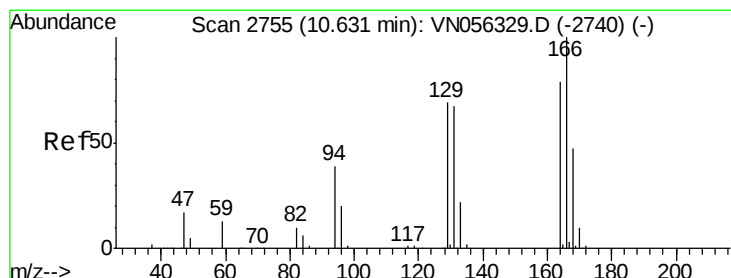
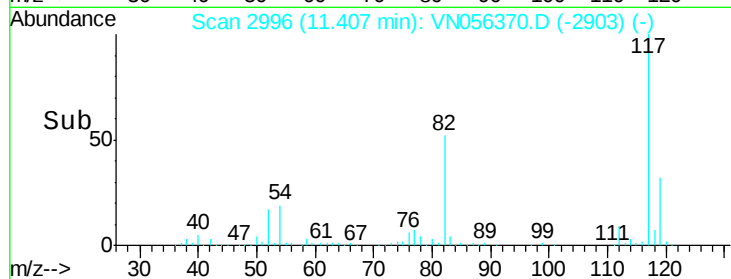
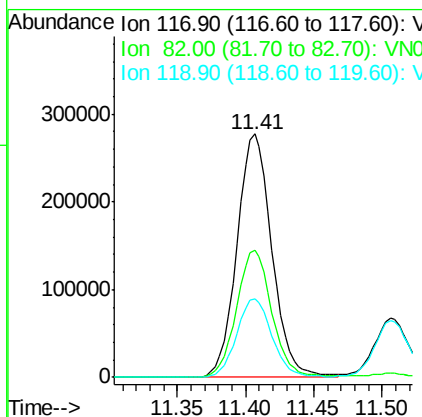
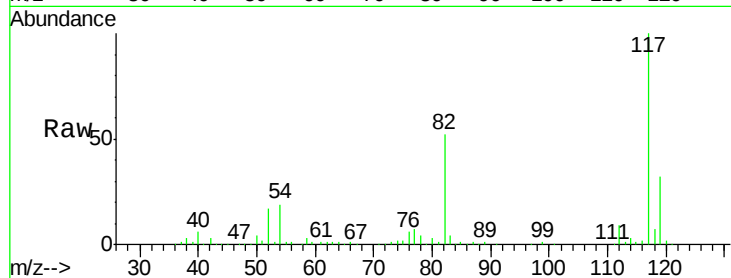
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.4	63.6
119	32.2	26.0	39.0

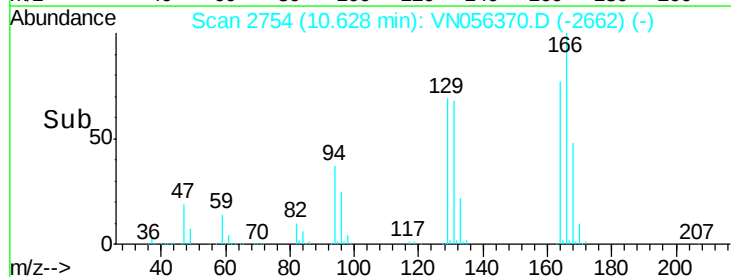
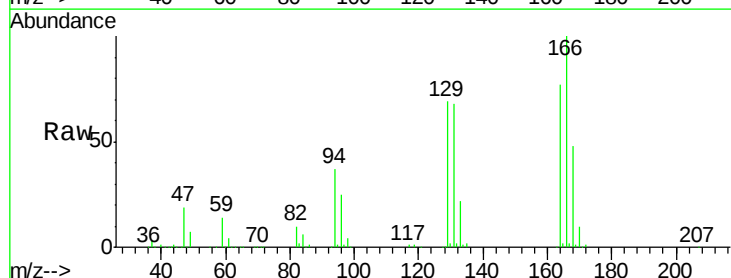
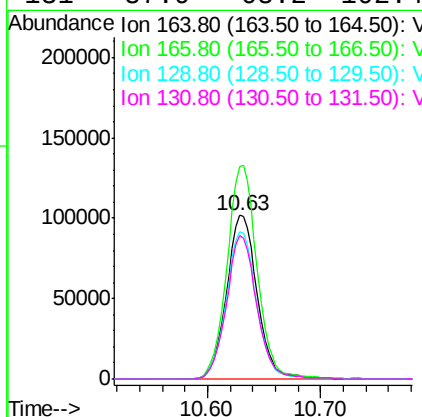
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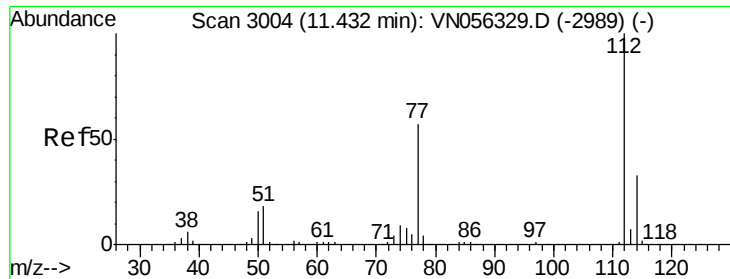
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#64
Tetrachloroethene
Concen: 47.244 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.8	152.6
129	90.1	70.3	105.5
131	87.9	68.2	102.4





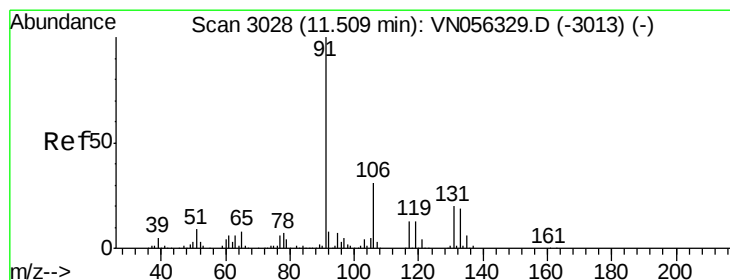
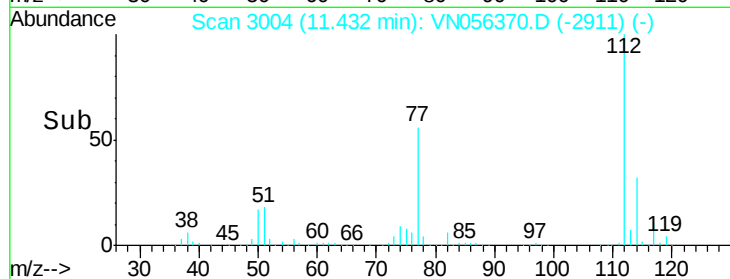
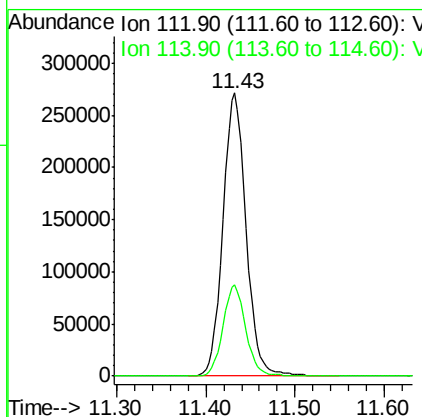
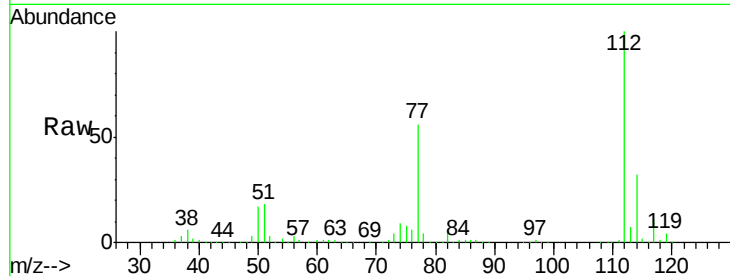
#65
Chlorobenzene
Concen: 48.578 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 486674
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1

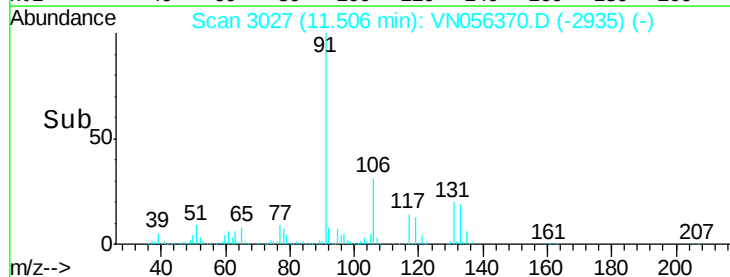
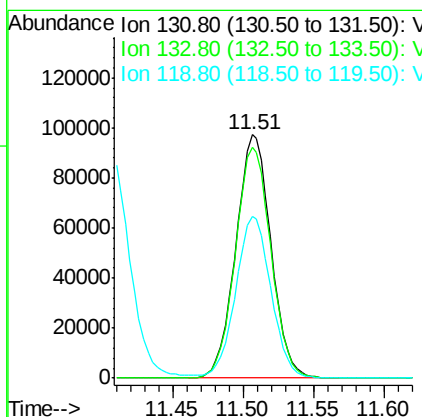
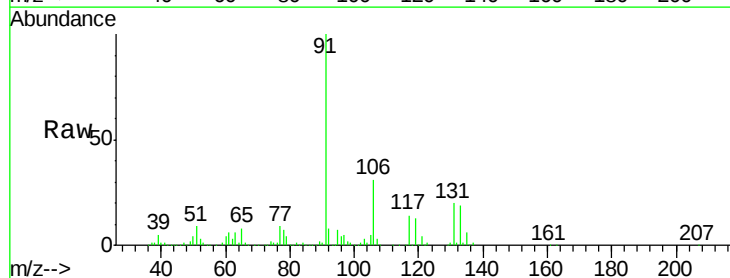
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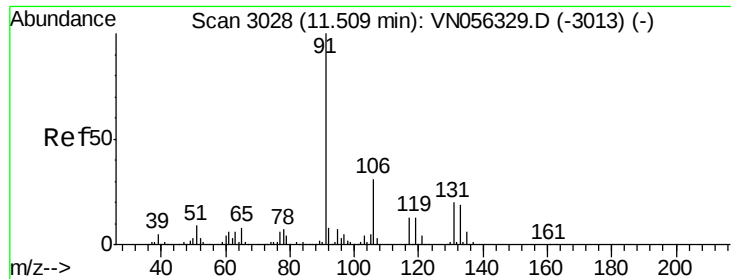
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.449 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:131 Resp: 169984
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 67.0 33.5 100.5





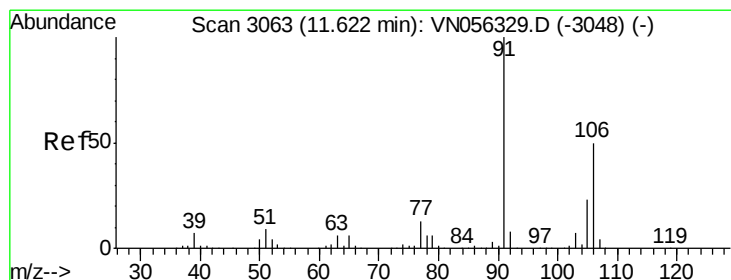
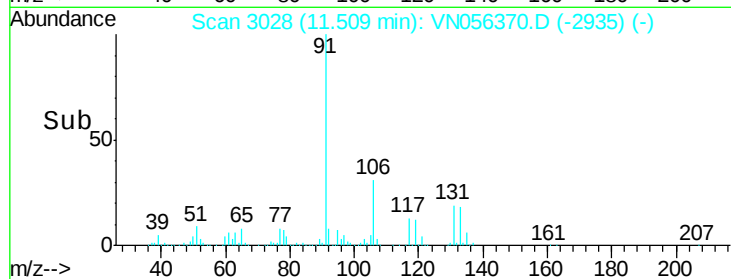
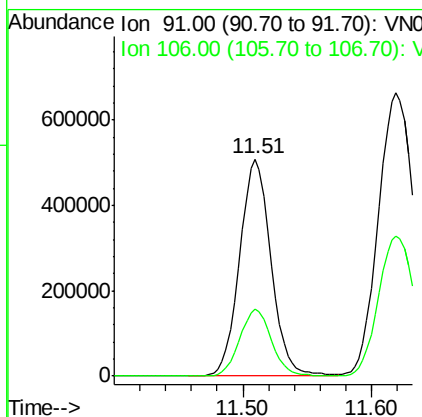
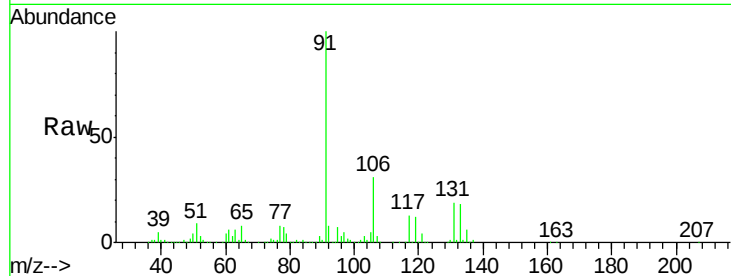
#67
Ethyl Benzene
Concen: 50.030 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 862757
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6

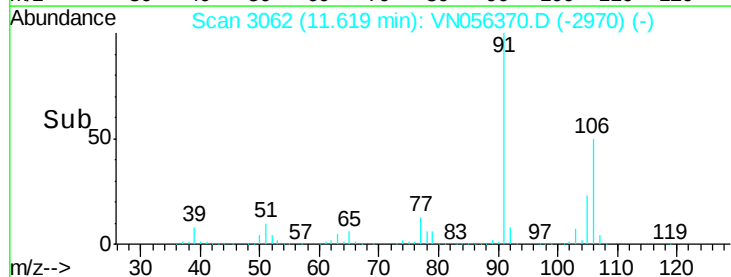
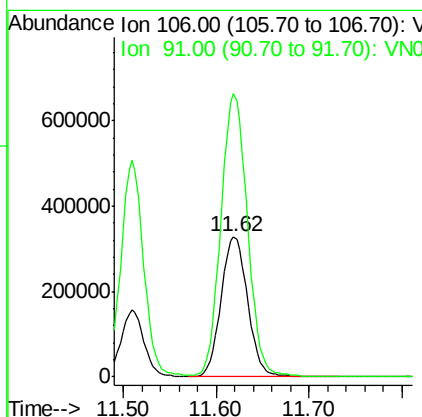
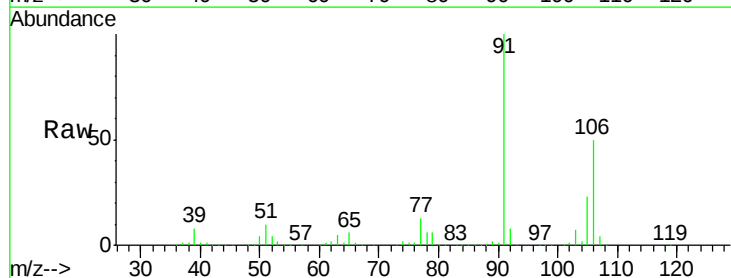
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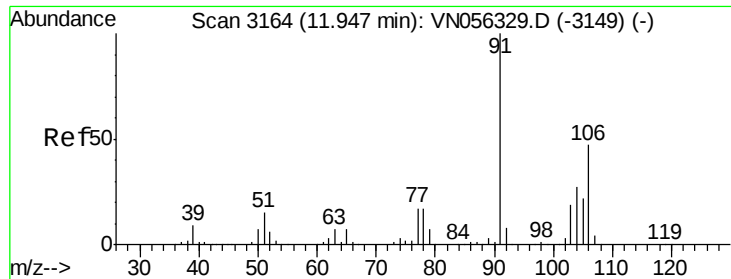
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#68
m/p-Xylenes
Concen: 102.007 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion: 106 Resp: 654711
Ion Ratio Lower Upper
106 100
91 201.1 160.7 241.1





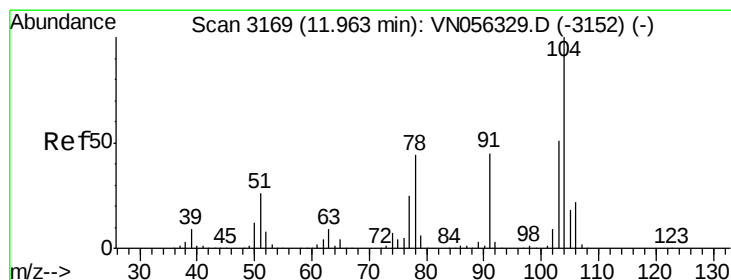
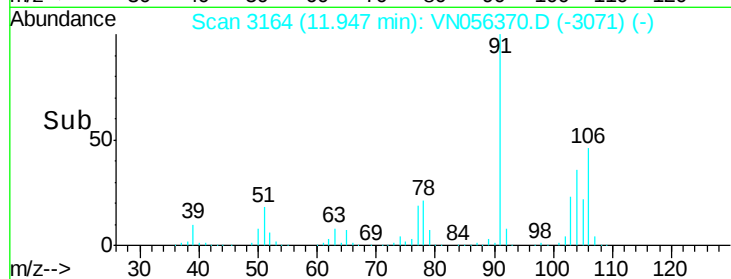
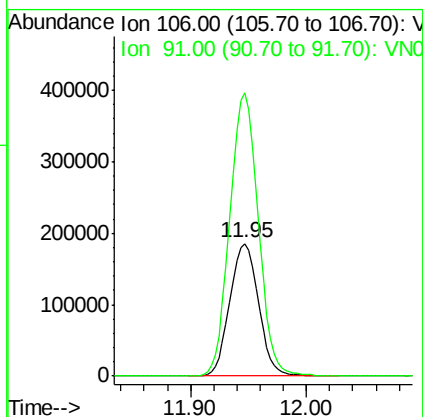
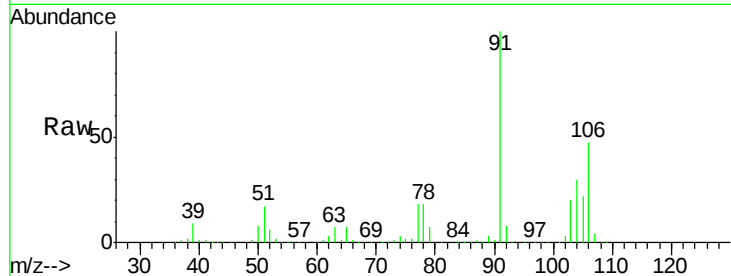
#69
o-Xylene
Concen: 50.230 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 317795
Ion Ratio Lower Upper
106 100
91 212.0 105.6 316.7

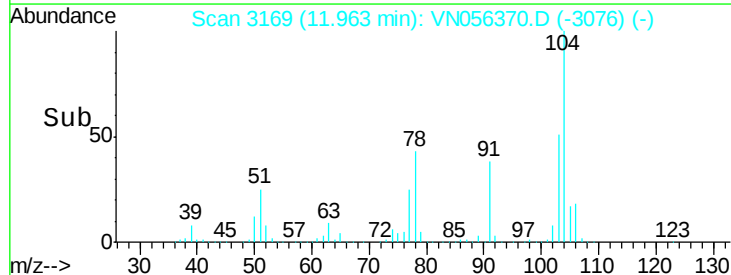
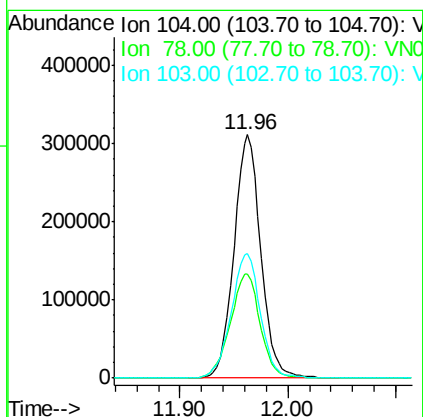
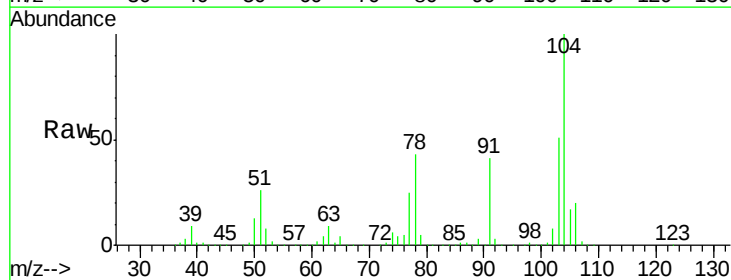
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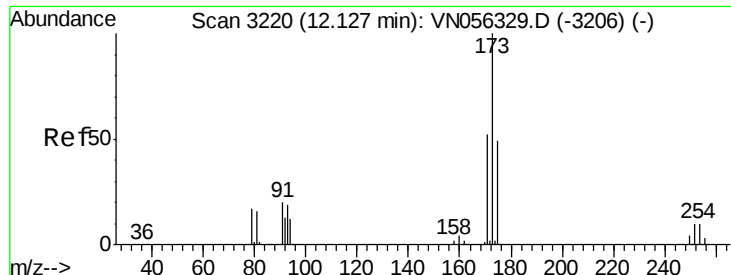
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#70
Styrene
Concen: 52.715 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion:104 Resp: 538458
Ion Ratio Lower Upper
104 100
78 47.9 38.4 57.6
103 55.8 44.0 66.0





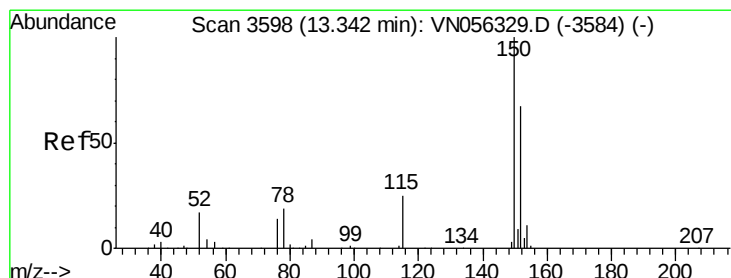
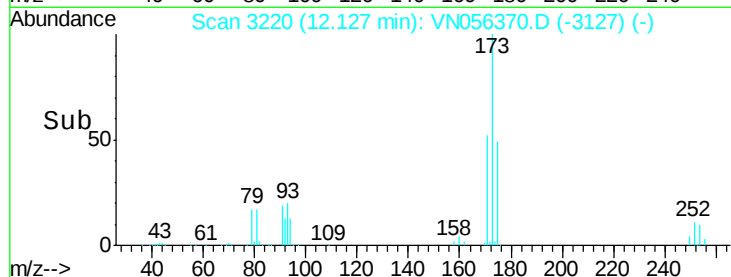
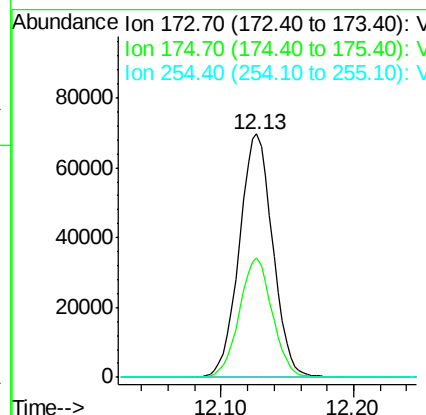
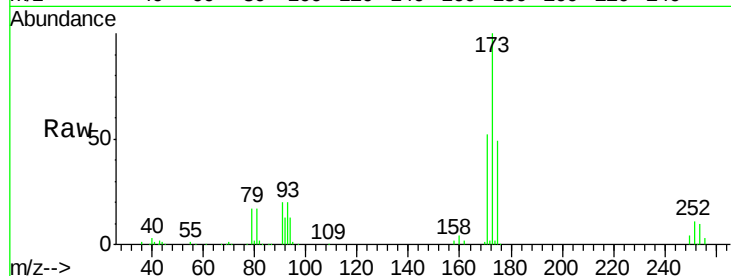
#71
Bromoform
Concen: 41.988 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	73.0
254	0.0	0.0	0.0

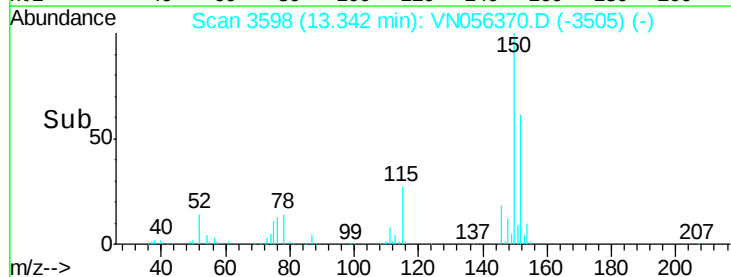
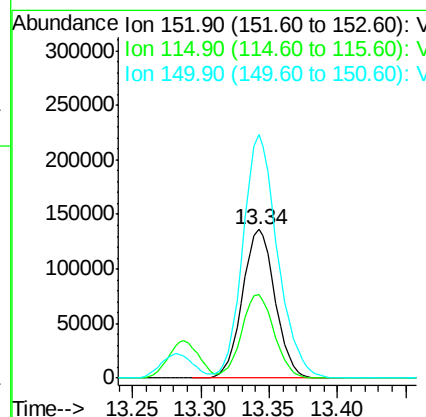
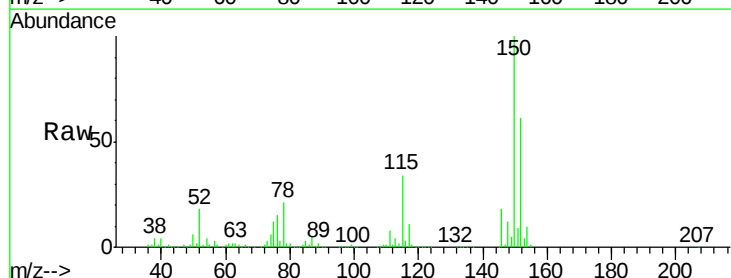
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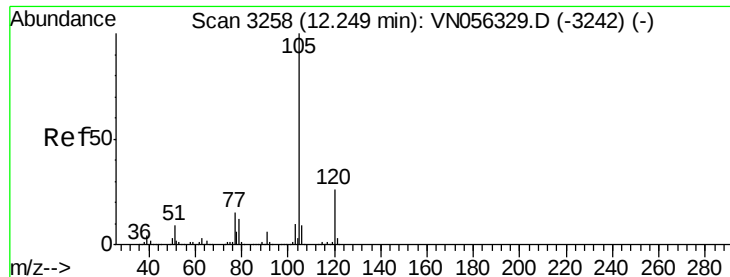
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.3
150	173.7	0.0	345.8





#73

Isopropylbenzene

Concen: 50.136 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 841643

Ion Ratio Lower Upper

105 100

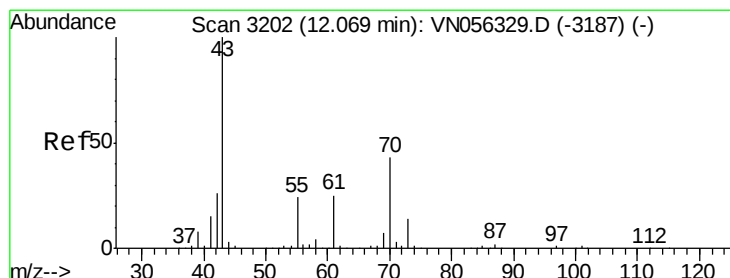
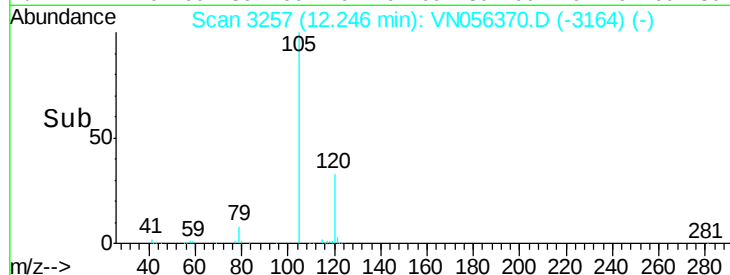
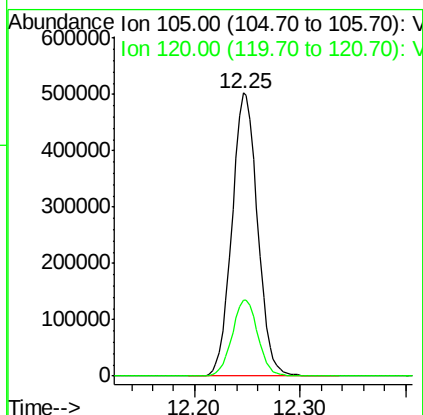
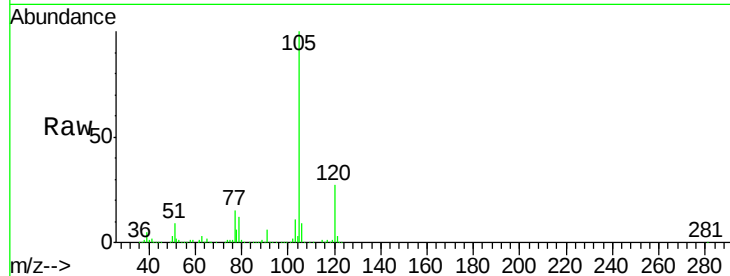
120 27.0 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.707 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion: 43 Resp: 318032

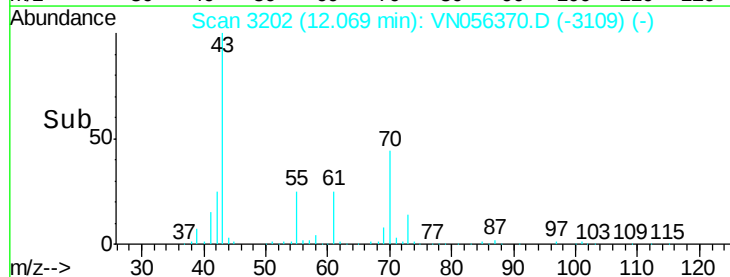
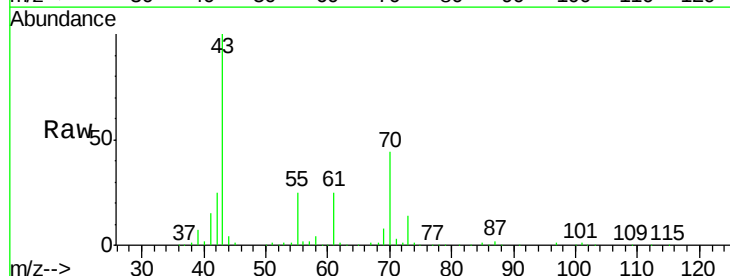
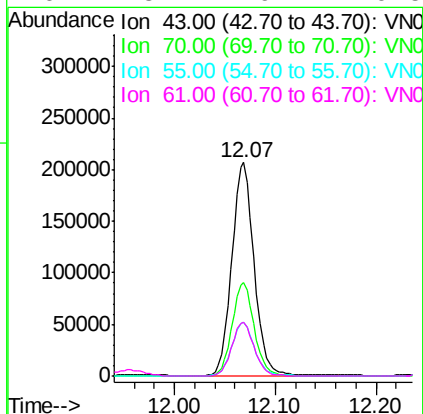
Ion Ratio Lower Upper

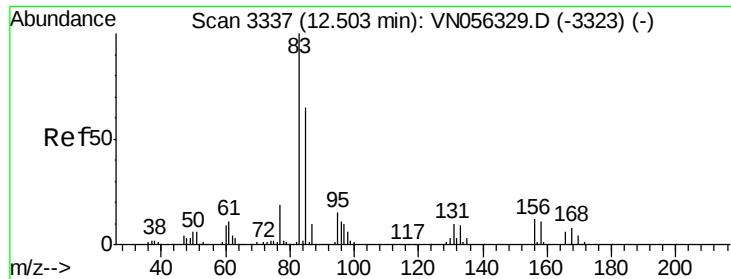
43 100

70 43.7 34.2 51.2

55 25.4 19.9 29.9

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.527 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

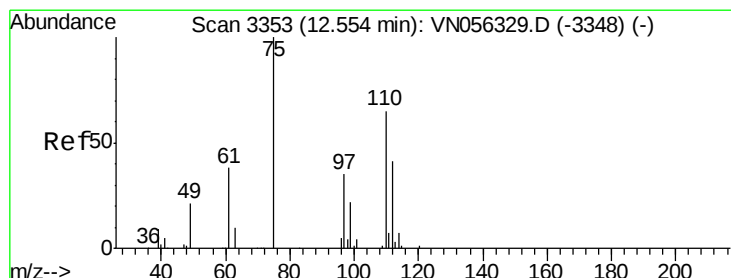
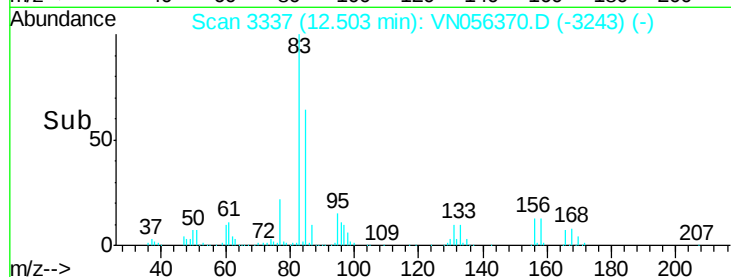
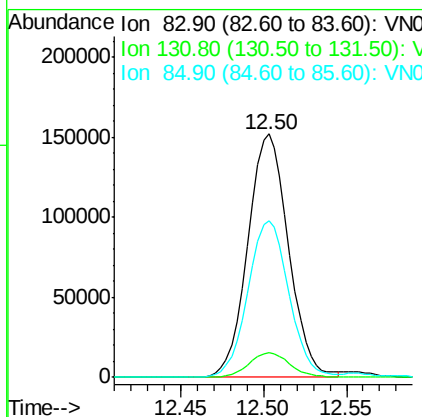
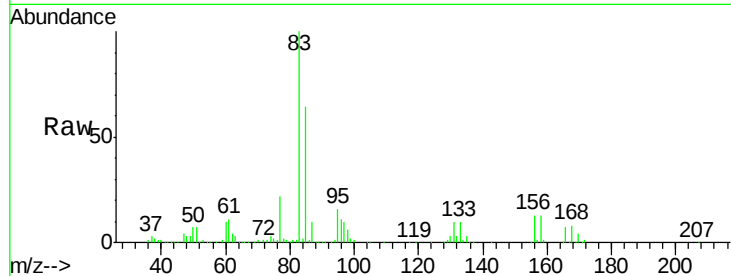
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	260503
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.695 ug/l m

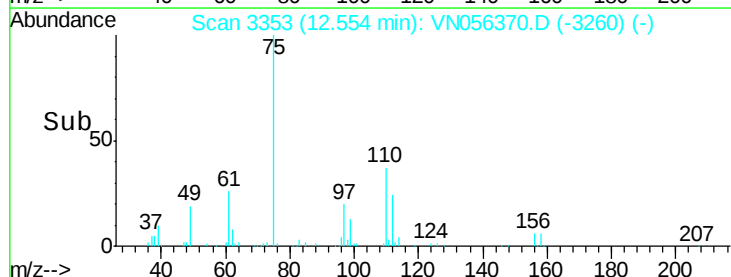
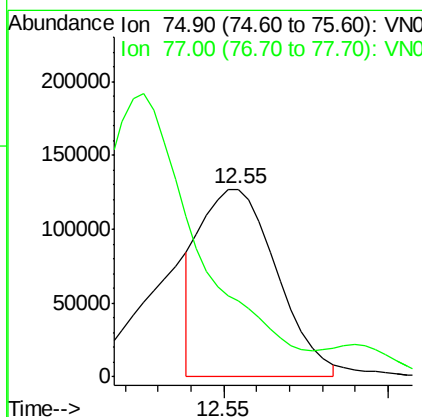
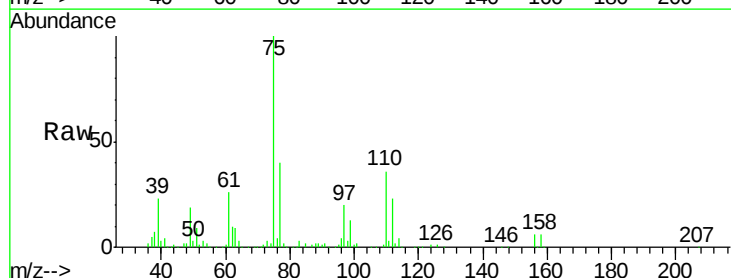
RT: 12.55 min Scan# 3353

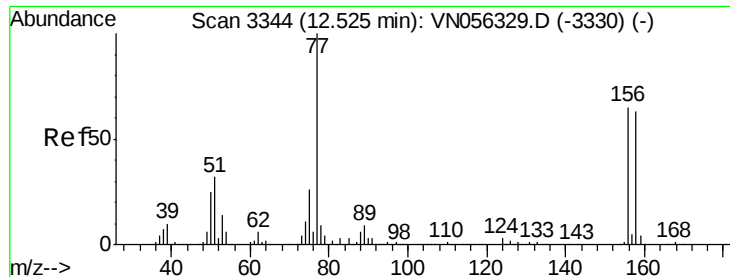
Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	75	Resp:	206494
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.207 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

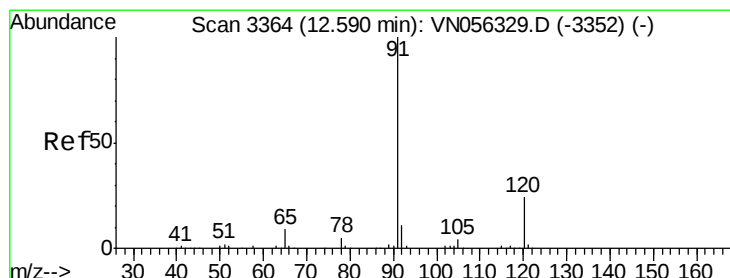
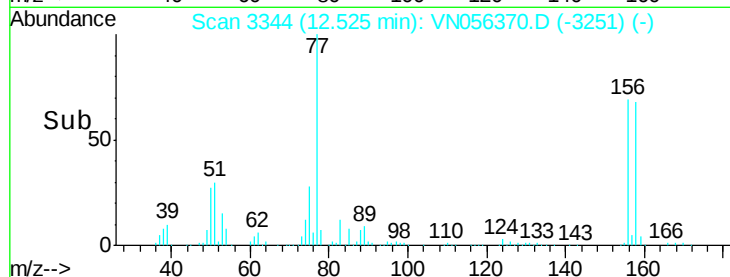
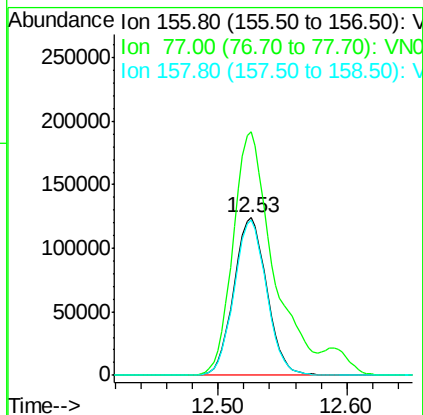
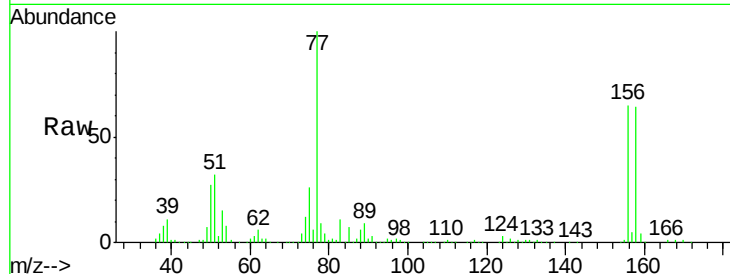
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		221205		
77	186.8	92.9	278.7		
158	97.0	49.0	147.2		

Manual Integrations
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#78

n-propylbenzene

Concen: 45.992 ug/l

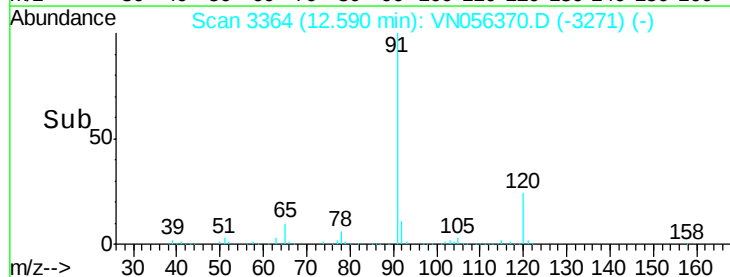
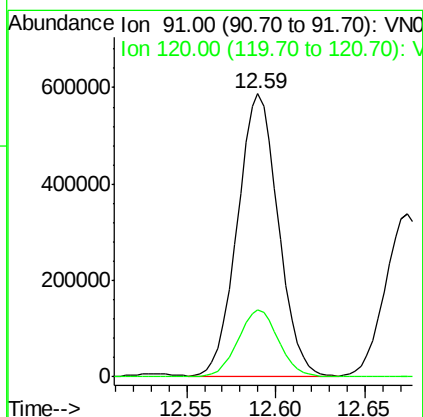
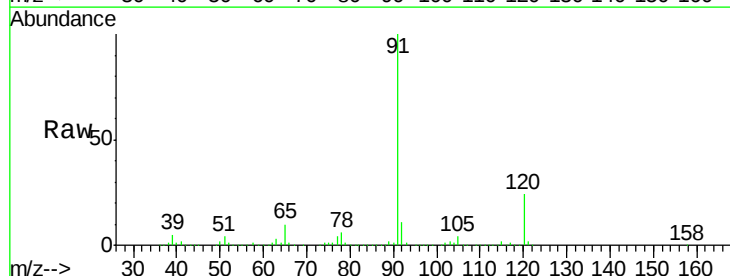
RT: 12.59 min Scan# 3364

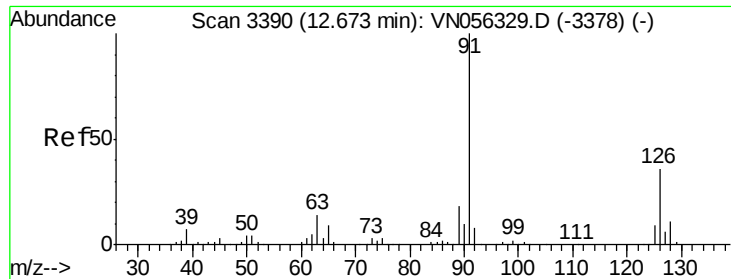
Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		934532		
120	23.7	11.9	35.5		





#79

2-Chlorotoluene

Concen: 50.526 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 565379

Ion Ratio Lower Upper

91 100

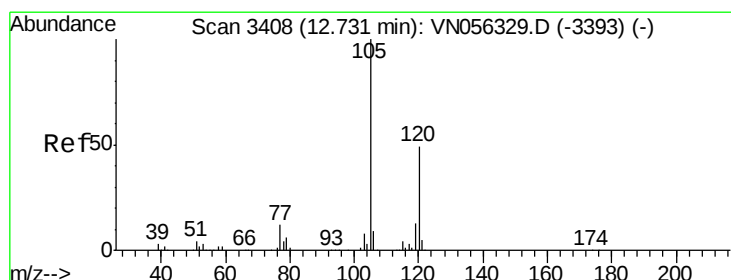
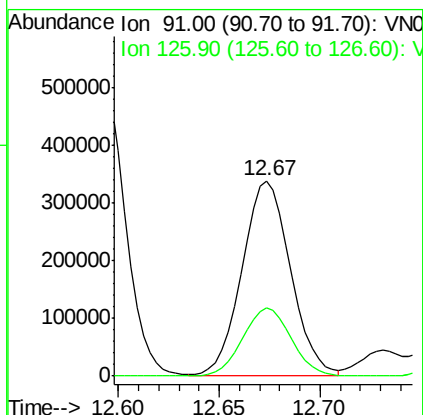
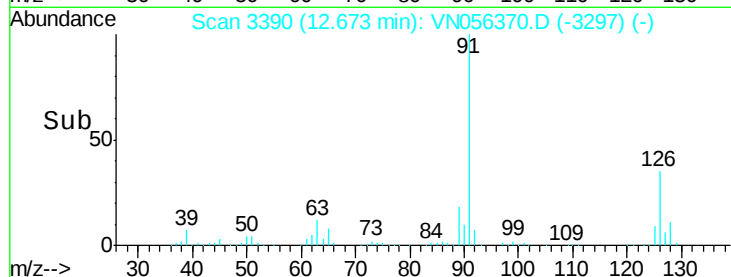
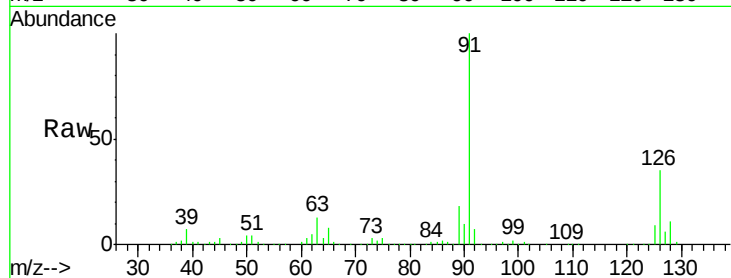
126 35.5 18.0 54.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 44.977 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056370.D

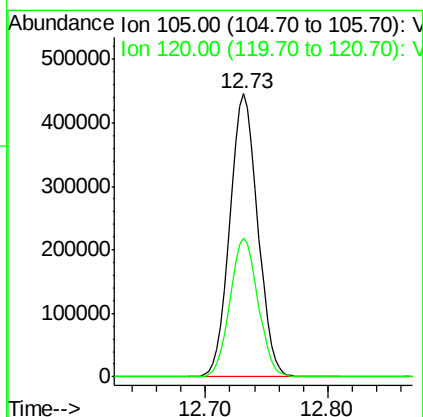
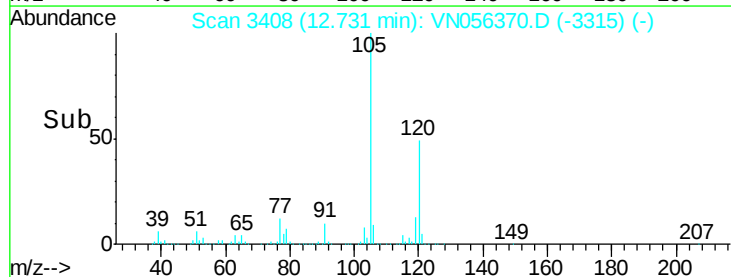
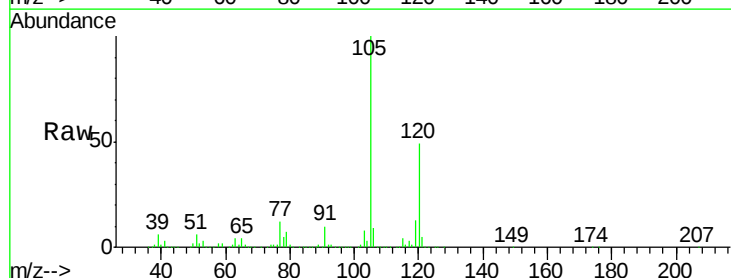
Acq: 18 Jun 2019 17:01

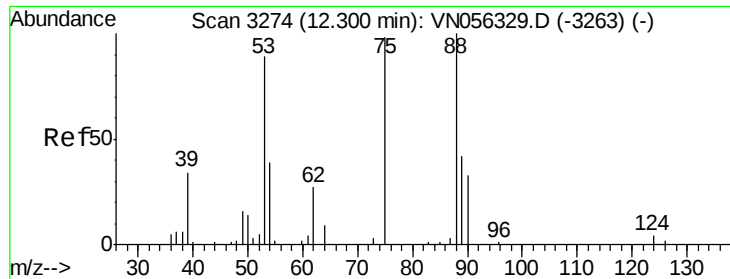
Tgt Ion: 105 Resp: 710308

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 38.341 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

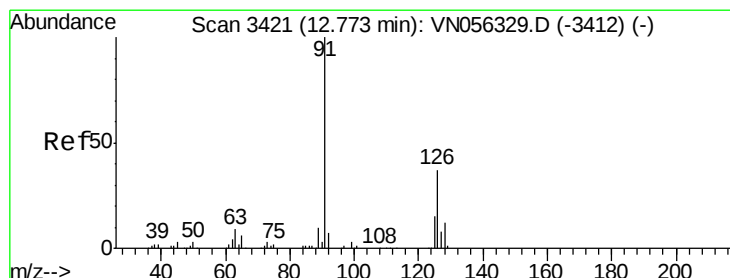
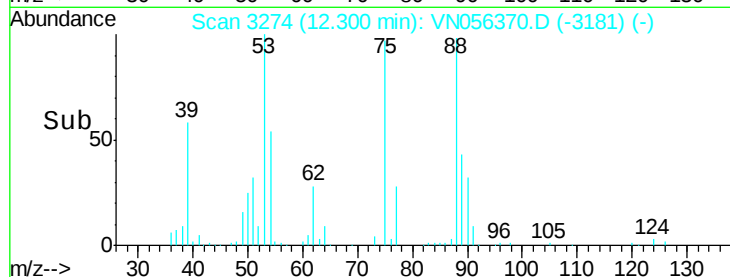
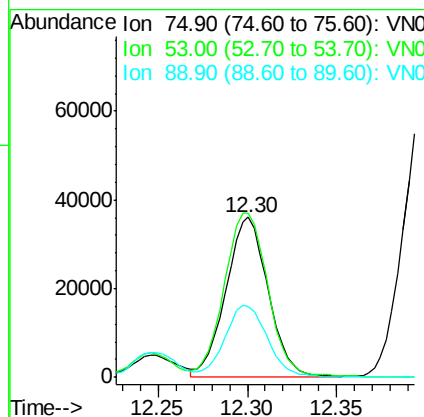
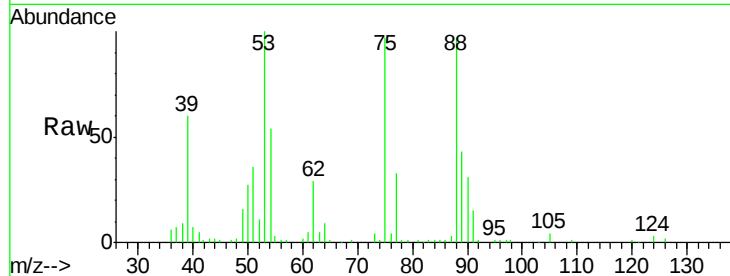
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	59684
Ion Ratio	Lower	Upper	
75	100		
53	106.5	73.5	110.3
89	45.2	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.042 ug/l

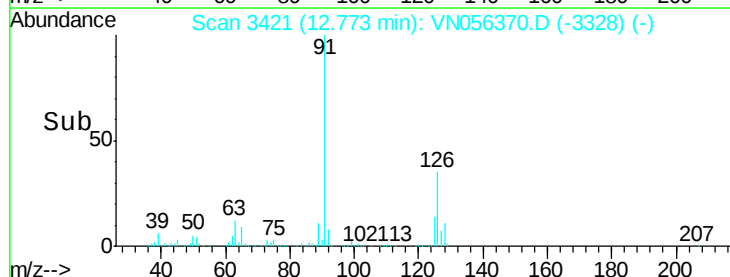
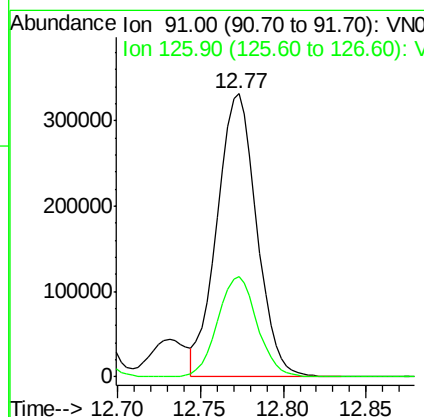
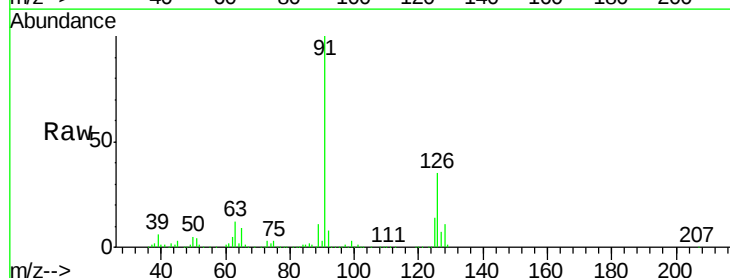
RT: 12.77 min Scan# 3421

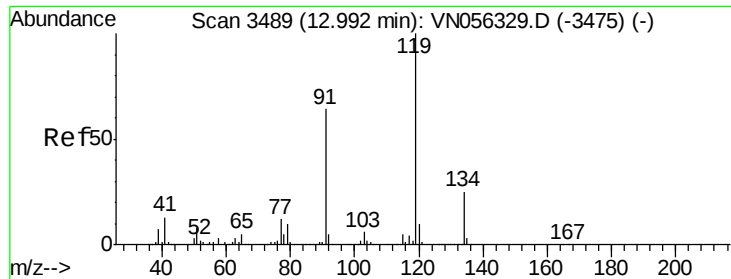
Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	91	Resp:	549173
Ion Ratio	Lower	Upper	
91	100		
126	35.6	17.6	52.8





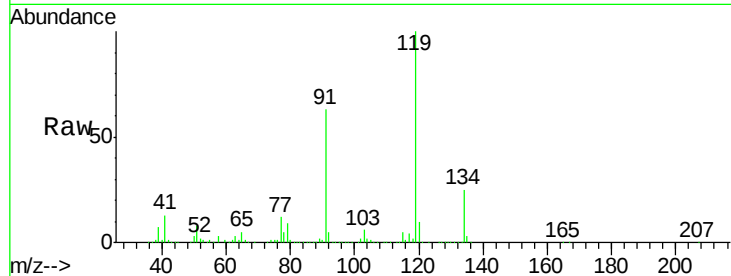
#83
tert-Butylbenzene
Concen: 50.668 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.5	94.5
134	26.7	13.6	40.7

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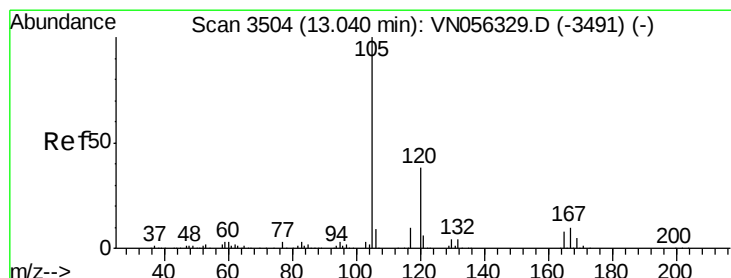
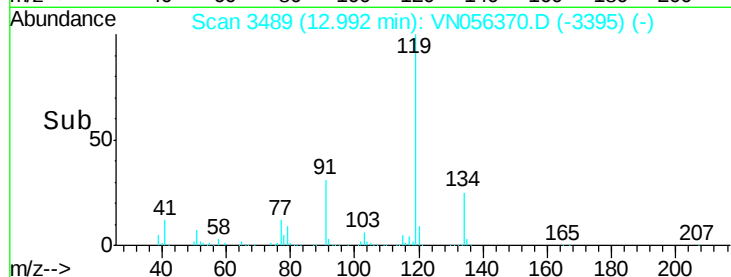
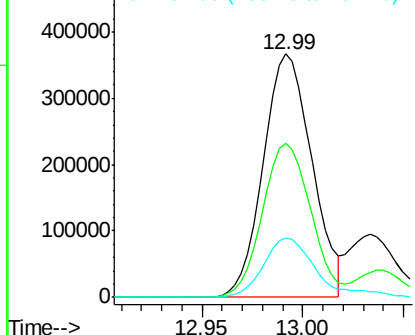


Abundance

Ion 119.00 (118.70 to 119.70): V

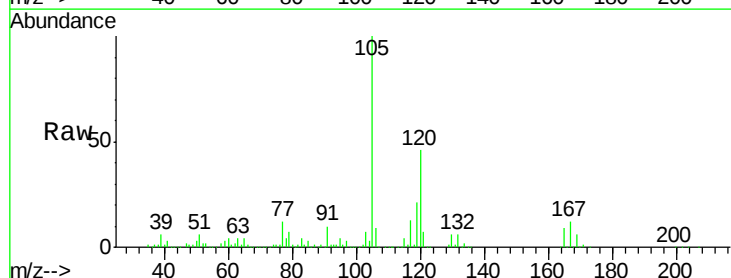
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 47.921 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

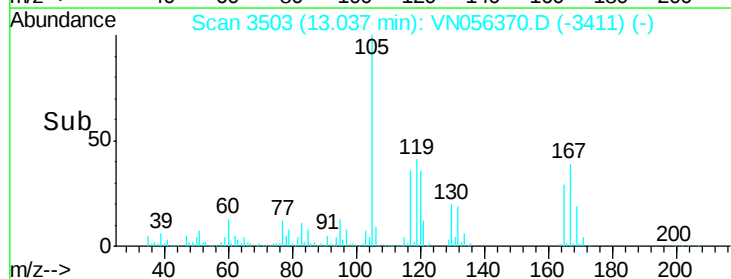
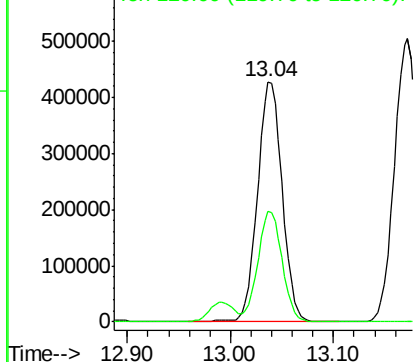
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2

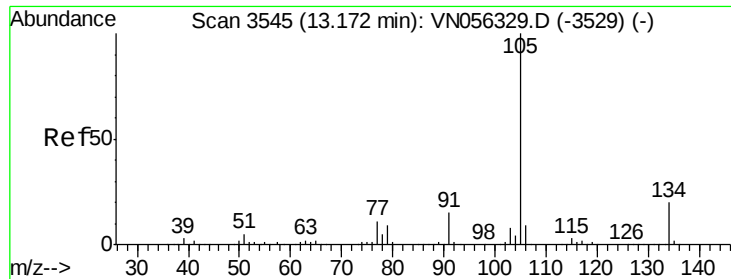


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





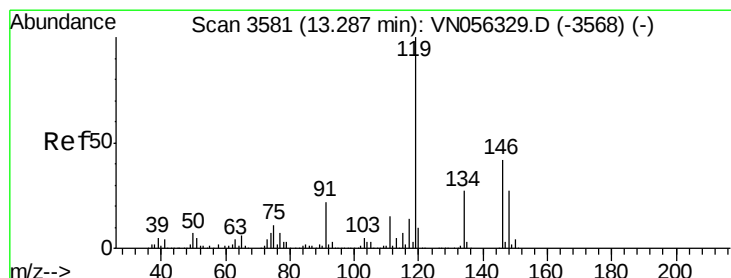
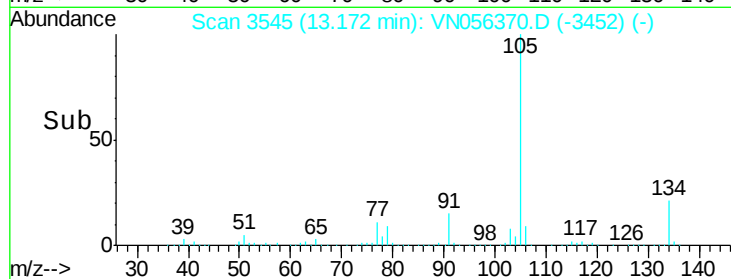
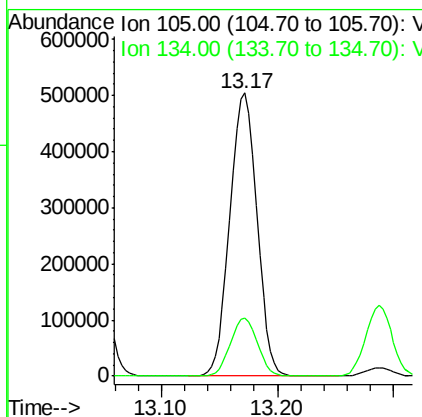
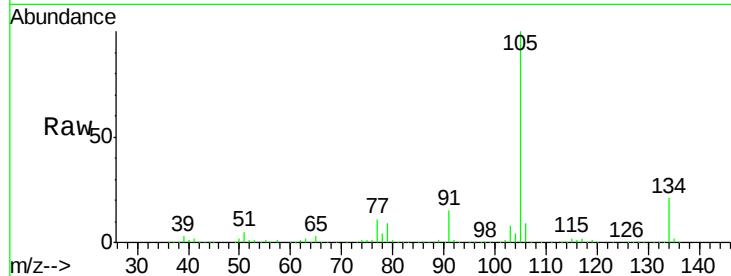
#85
 sec-Butylbenzene
 Concen: 45.593 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.2	30.4

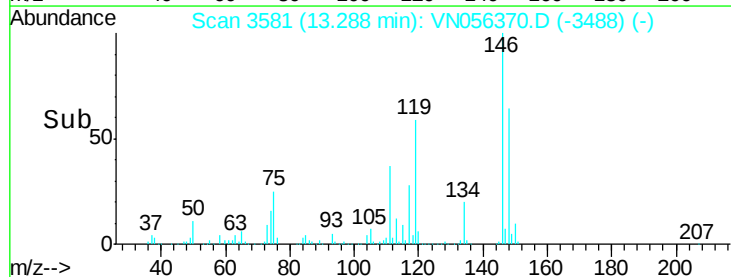
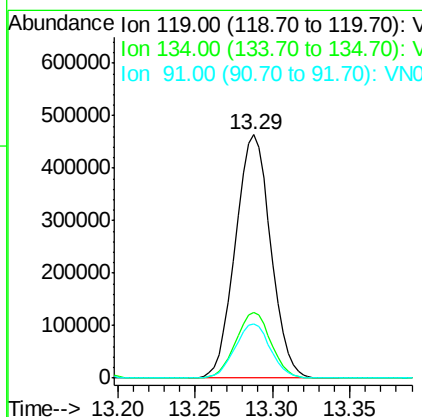
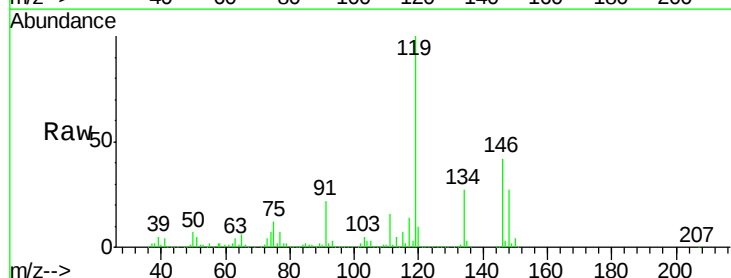
Manual Integrations
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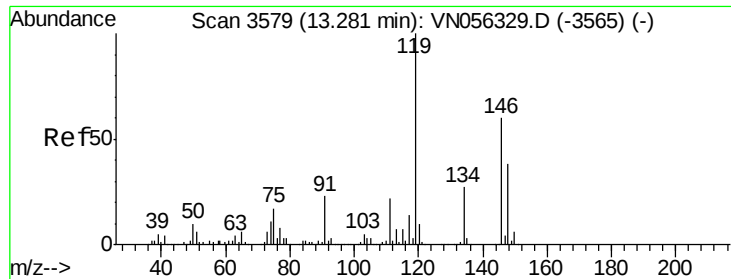
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#86
 p-Isopropyltoluene
 Concen: 48.019 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	22.3	11.0	33.0





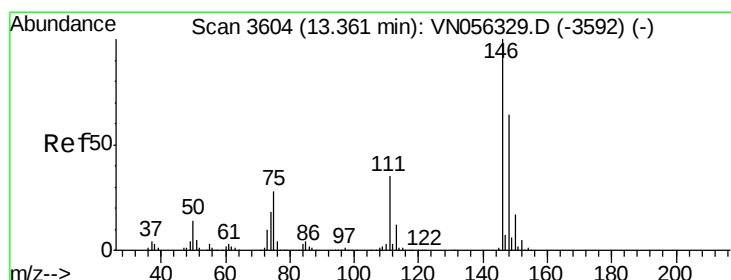
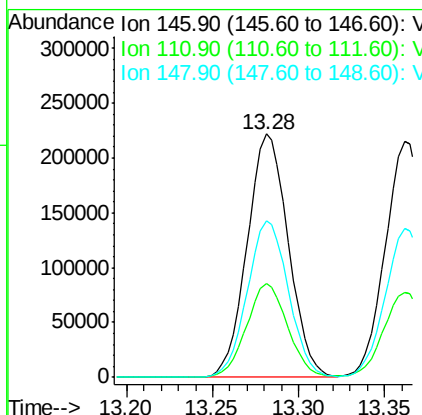
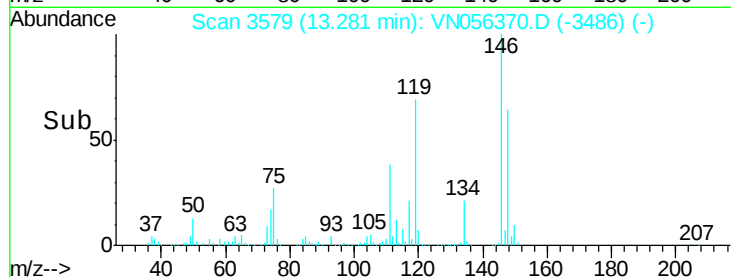
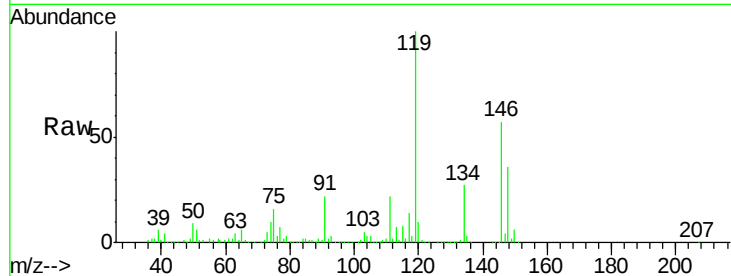
#87
 1,3-Dichlorobenzene
 Concen: 47.874 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	368863		
111	38.1	18.9	56.7	
148	64.3	31.9	95.5	

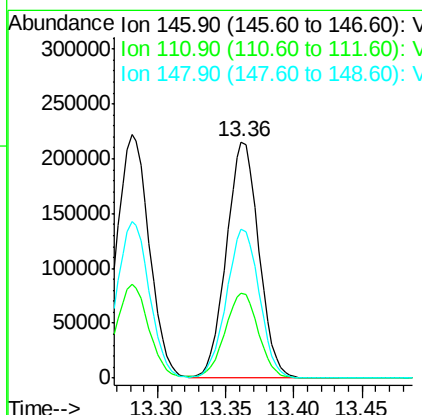
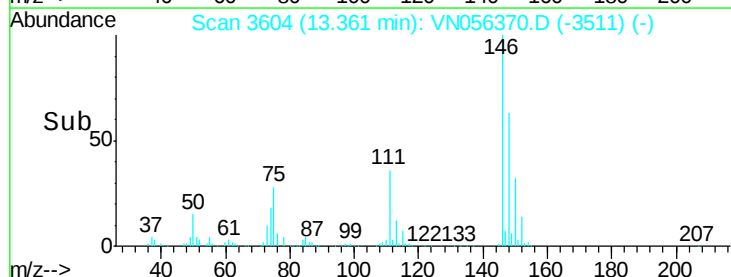
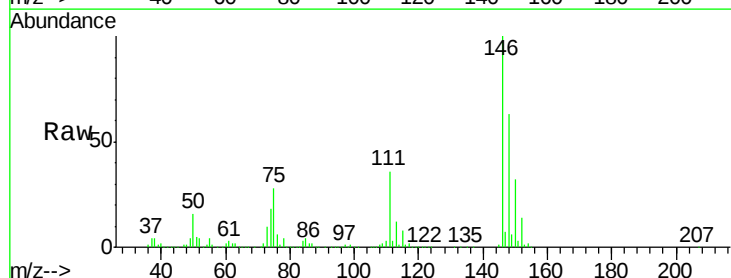
Manual Integrations
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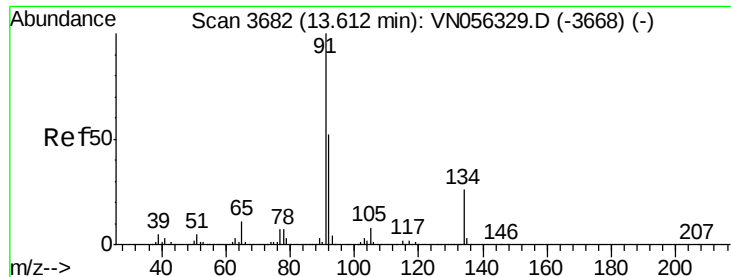
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#88
 1,4-Dichlorobenzene
 Concen: 48.184 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	356738		
111	36.6	18.1	54.1	
148	64.0	32.1	96.5	





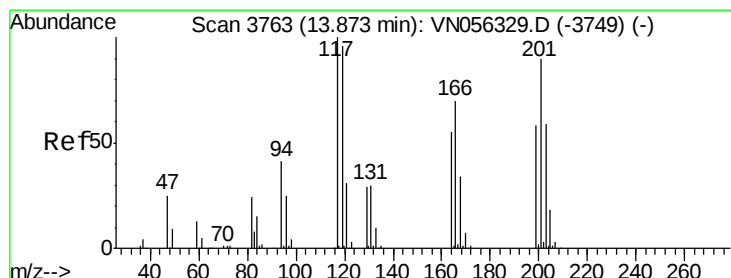
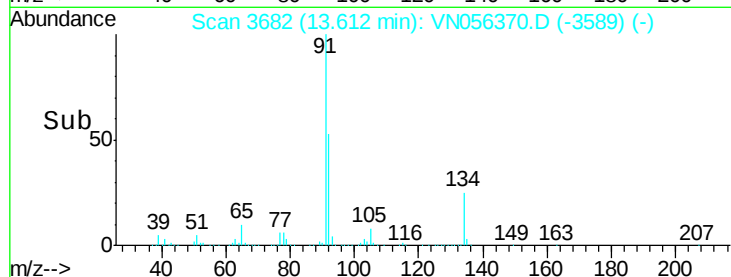
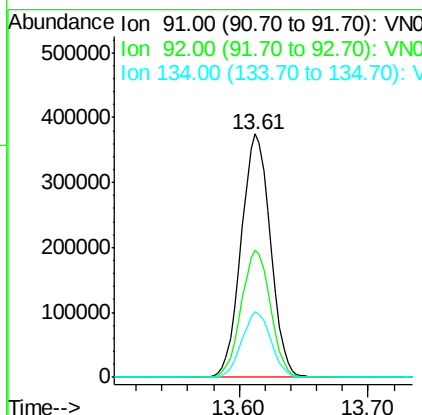
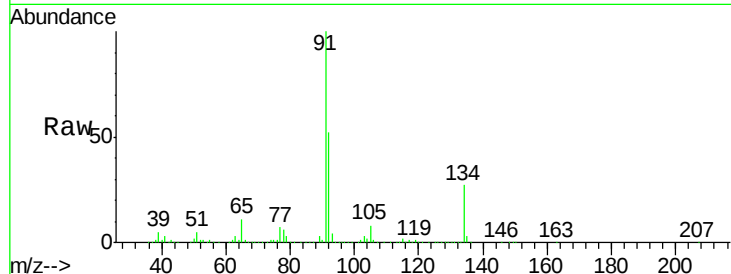
#89
n-Butylbenzene
Concen: 51.805 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	26.9	13.2	39.5

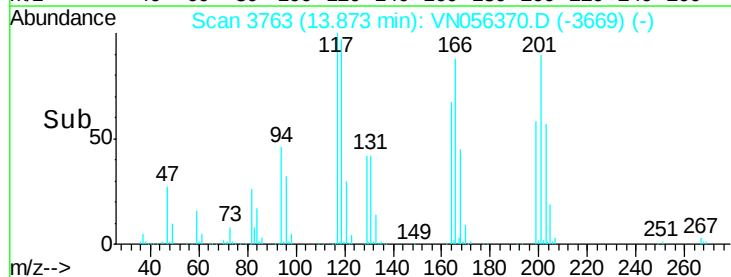
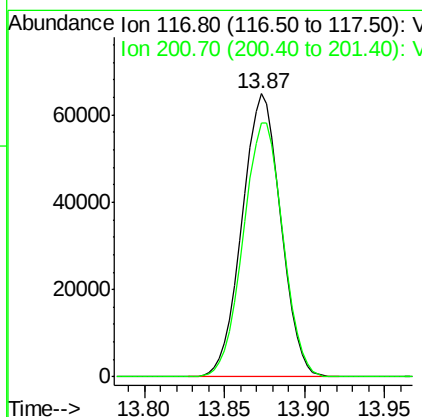
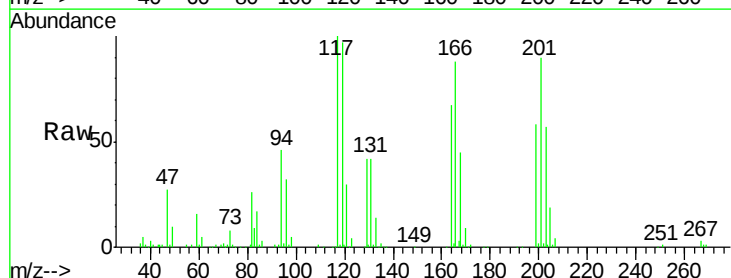
Manual Integrations
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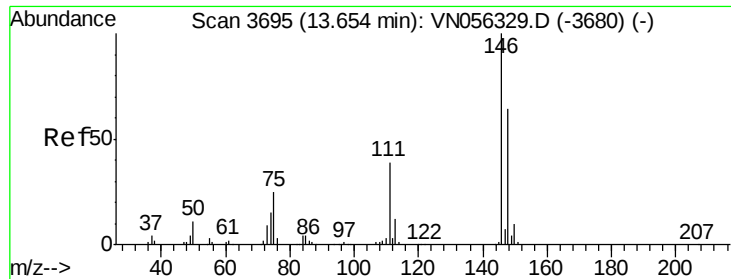
MMDadoda
6/19/2019 12:19:56 PM



#90
Hexachloroethane
Concen: 41.049 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056370.D
Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	45.8	137.3





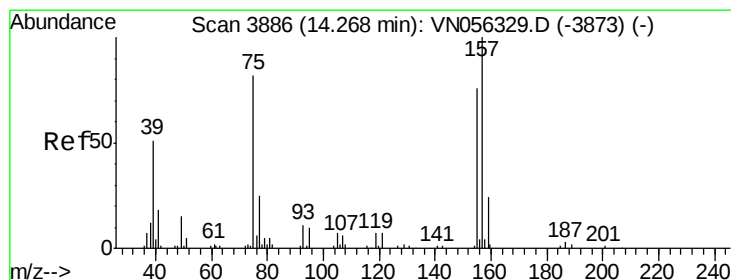
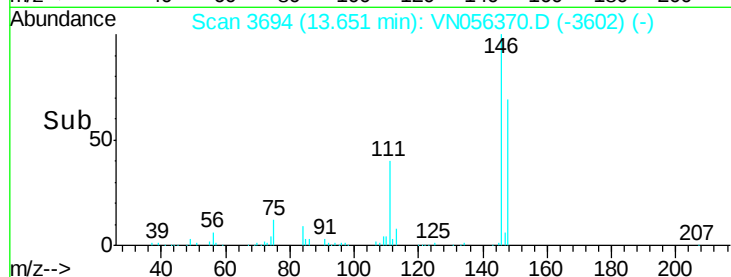
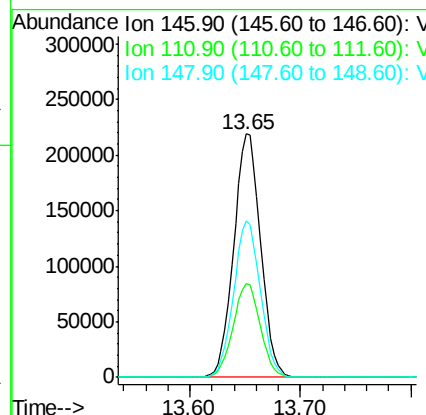
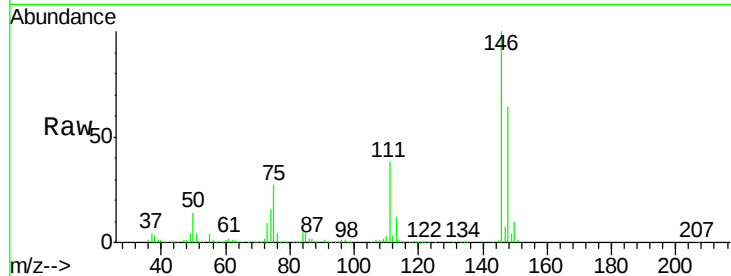
#91
 1,2-Dichlorobenzene
 Concen: 49.002 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	63.9	32.4	97.2

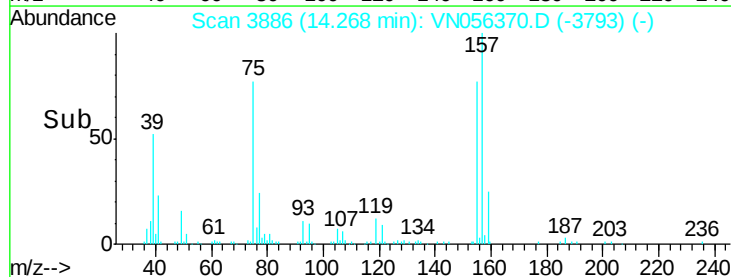
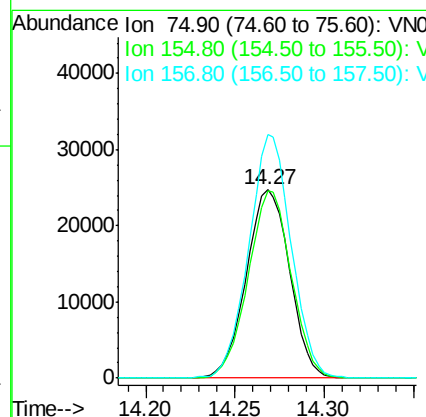
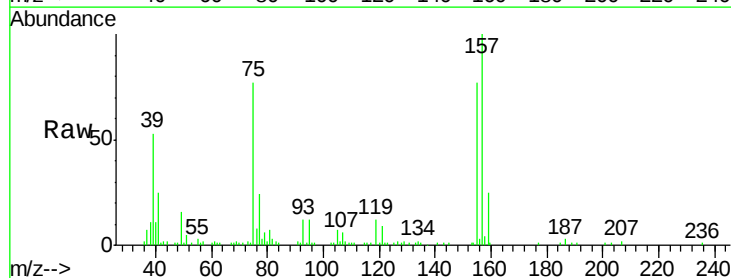
Manual Integrations
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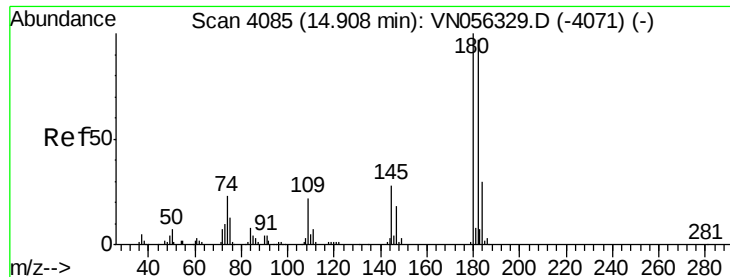
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.064 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	47.8	143.4
157	126.1	62.8	188.5





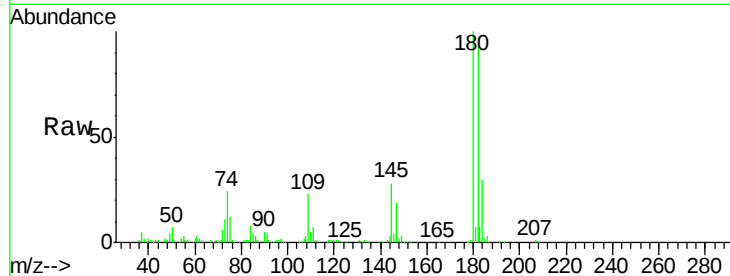
#93
 1,2,4-Trichlorobenzene
 Concen: 46.280 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

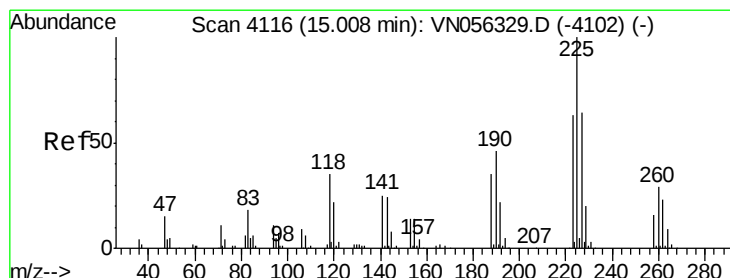
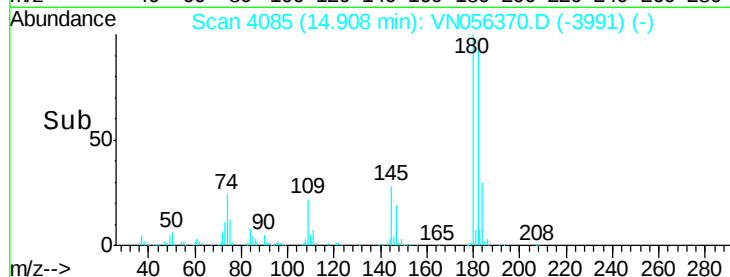
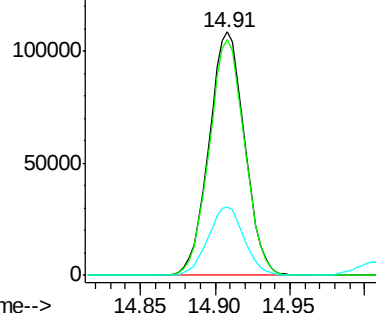
Tot Ion:180	Resp:	179867
Ion Ratio	Lower	Upper
180 100		
182 96.4	47.4	142.3
145 28.5	14.0	41.9

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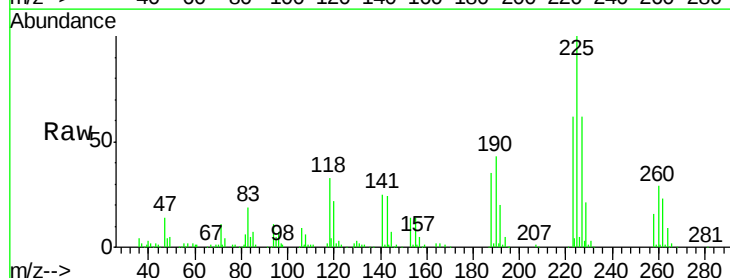


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

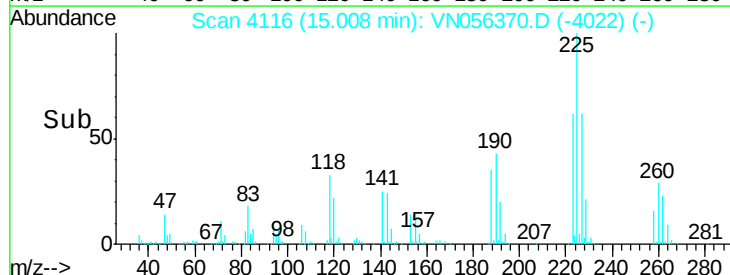
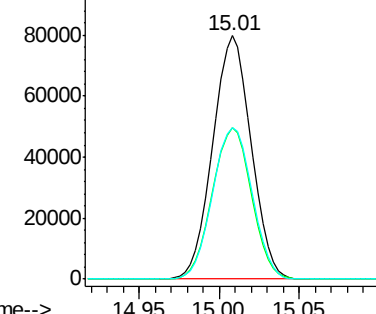


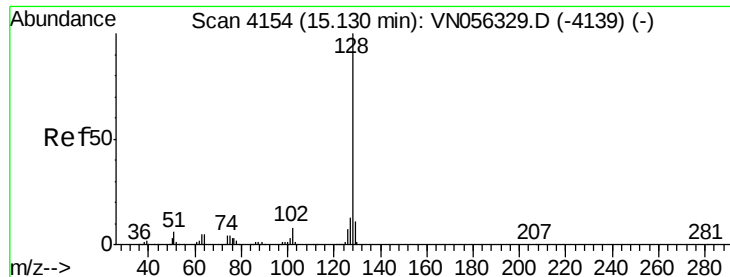
#94
 Hexachlorobutadiene
 Concen: 50.522 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056370.D
 Acq: 18 Jun 2019 17:01

Tgt Ion:225	Resp:	130636
Ion Ratio	Lower	Upper
225 100		
223 63.4	31.2	93.6
227 64.1	31.7	95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.499 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Instrument :

MSVOA_N

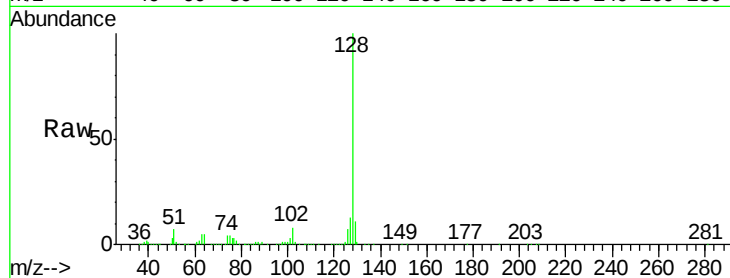
ClientSampleId :

VSTDCCC050EC

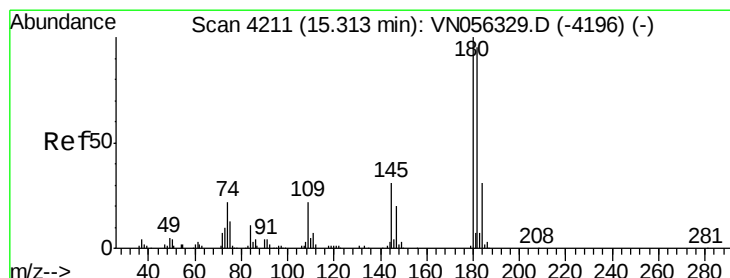
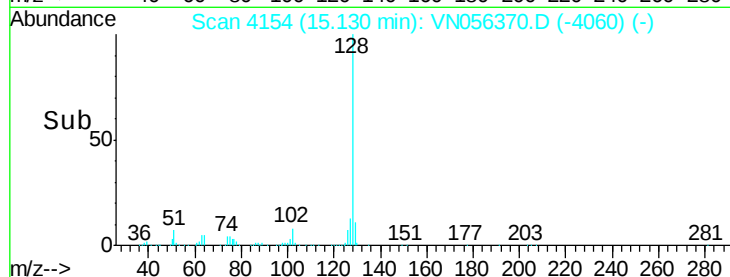
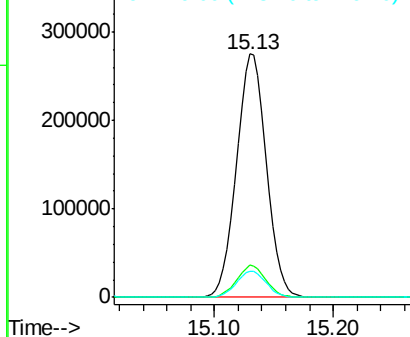
Tot Ion:	128	Resp:	477813
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	12.8

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.889 ug/l

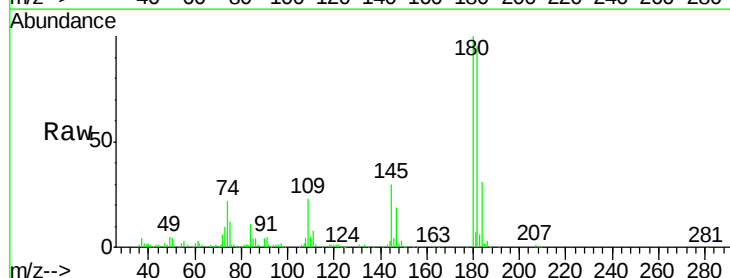
RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056370.D

Acq: 18 Jun 2019 17:01

Tgt Ion:	180	Resp:	195978
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.1	141.4
145	30.8	14.9	44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

