

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056603.D
 Acq On : 3 Jul 2019 22:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:08:21 AM

Quant Time: Jul 04 00:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	279481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	437427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	383476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159290	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	138909	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.09	98	516708	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	183791	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	108102	45.680	ug/l	100
3) Chloromethane	2.06	50	141900	44.037	ug/l	98
4) Vinyl Chloride	2.19	62	143234	46.023	ug/l	98
5) Bromomethane	2.52	94	54260m	29.739	ug/l	
6) Chloroethane	2.67	64	82731m	45.903	ug/l	
7) Trichlorofluoromethane	3.00	101	191324	47.524	ug/l	99
8) Diethyl Ether	3.41	74	85537	50.204	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	124214	48.383	ug/l	99
10) Methyl Iodide	3.95	142	98915	28.507	ug/l	98
11) Tert butyl alcohol	4.80	59	154013	295.213	ug/l	100
12) 1,1-Dichloroethene	3.73	96	119367	48.348	ug/l	98
13) Acrolein	3.61	56	92031	209.305	ug/l	98
14) Allyl chloride	4.32	41	212356	51.671	ug/l	99
15) Acrylonitrile	4.99	53	400333	277.376	ug/l	99
16) Acetone	3.82	43	320186	206.319	ug/l	99
17) Carbon Disulfide	4.05	76	235284	41.899	ug/l	100
18) Methyl Acetate	4.33	43	177051	58.395	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	437429	53.545	ug/l	98
20) Methylene Chloride	4.55	84	146923	50.225	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	127916	48.056	ug/l	97
22) Diisopropyl ether	5.95	45	477559	55.330	ug/l	96
23) Vinyl Acetate	5.90	43	1931832	283.774	ug/l	100
24) 1,1-Dichloroethane	5.85	63	257442	51.961	ug/l	99
25) 2-Butanone	6.84	43	543105	264.420	ug/l	99
26) 2,2-Dichloropropane	6.82	77	156001	45.271	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	159429	51.194	ug/l	99
28) Bromochloromethane	7.19	49	126775	51.731	ug/l	97
29) Tetrahydrofuran	7.21	42	367602	292.869	ug/l	98
30) Chloroform	7.37	83	257932	52.758	ug/l	100
31) Cyclohexane	7.65	56	219562	45.903	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	204565	52.788	ug/l	99
36) 1,1-Dichloropropene	7.79	75	180368	46.847	ug/l	99
37) Ethyl Acetate	6.93	43	214573	56.710	ug/l	100
38) Carbon Tetrachloride	7.77	117	168229	49.966	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	213281	44.894	ug/l	98
40) Benzene	8.04	78	580902	49.050	ug/l	99
41) Methacrylonitrile	7.17	41	96218	57.588	ug/l	91
42) 1,2-Dichloroethane	8.12	62	195153	49.931	ug/l	99
43) Isopropyl Acetate	8.17	43	333908	57.231	ug/l	99
44) Trichloroethene	8.84	130	149989	47.015	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162894	51.431	ug/l	99
46) Dibromomethane	9.21	93	99434	50.180	ug/l	99
47) Bromodichloromethane	9.40	83	190103	54.092	ug/l	99
48) Methyl methacrylate	9.20	41	164227	56.171	ug/l	97
49) 1,4-Dioxane	9.20	88	67868	1118.578	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1095867	291.012	ug/l	100
52) Toluene	10.16	92	359846	49.699	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	197703	48.398	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	225962	53.391	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	152487	52.394	ug/l	99
56) Ethyl methacrylate	10.43	69	238788	56.141	ug/l	100
57) 1,3-Dichloropropane	10.71	76	256182	52.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	598623	391.764	ug/l	99
59) 2-Hexanone	10.75	43	794955	287.229	ug/l	100
60) Dibromochloromethane	10.90	129	149762	50.059	ug/l	99
61) 1,2-Dibromoethane	11.01	107	155949	52.464	ug/l	99
64) Tetrachloroethene	10.63	164	138140	45.488	ug/l	99
65) Chlorobenzene	11.43	112	387121	50.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	144003	55.295	ug/l	100
67) Ethyl Benzene	11.51	91	682095	50.415	ug/l	100
68) m/p-Xylenes	11.62	106	510424	102.943	ug/l	98
69) o-Xylene	11.95	106	254571	51.896	ug/l	99
70) Styrene	11.96	104	429367	54.760	ug/l	99
71) Bromoform	12.13	173	108342	51.470	ug/l #	98
73) Isopropylbenzene	12.25	105	669693	50.048	ug/l	100
74) N-amyl acetate	12.07	43	280220	49.421	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	229610	55.780	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	184704m	49.999	ug/l	
77) Bromobenzene	12.53	156	175345	44.016	ug/l	96
78) n-propylbenzene	12.59	91	753037	46.156	ug/l	99
79) 2-Chlorotoluene	12.67	91	448553	50.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	560958	50.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	58240	56.032	ug/l	94
82) 4-Chlorotoluene	12.77	91	450138	46.728	ug/l	99
83) tert-Butylbenzene	12.99	119	488129	49.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	556568	46.405	ug/l	100
85) sec-Butylbenzene	13.17	105	638994	44.560	ug/l	100
86) p-Isopropyltoluene	13.29	119	579370	47.078	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	293560	48.626	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	285671	48.860	ug/l	100
89) n-Butylbenzene	13.61	91	479336	51.450	ug/l	99
90) Hexachloroethane	13.87	117	88680	46.220	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	298284	49.800	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40571	61.545	ug/l	97

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QLast Update : Fri Jun 21 03:45:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	162320	51.810	ug/l	99
94) Hexachlorobutadiene	15.01	225	95650	47.010	ug/l	99
95) Naphthalene	15.13	128	471438	57.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	171266	52.723	ug/l	99

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

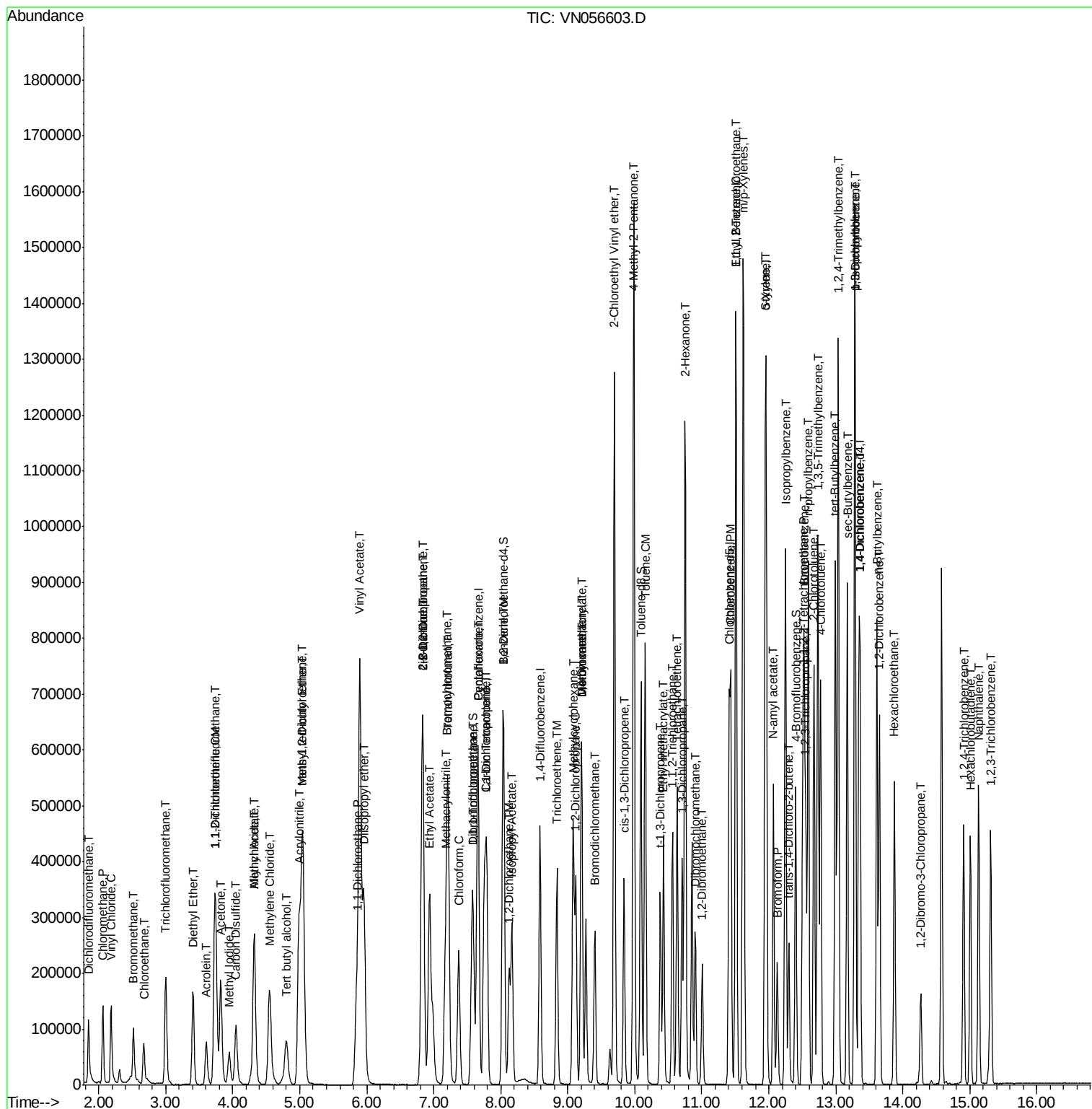
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
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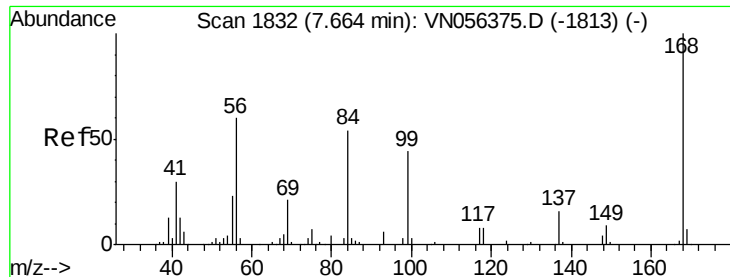
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 279481

Ion Ratio Lower Upper

168 100

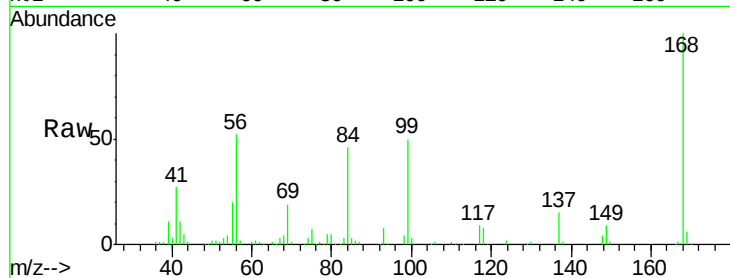
99 49.7 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

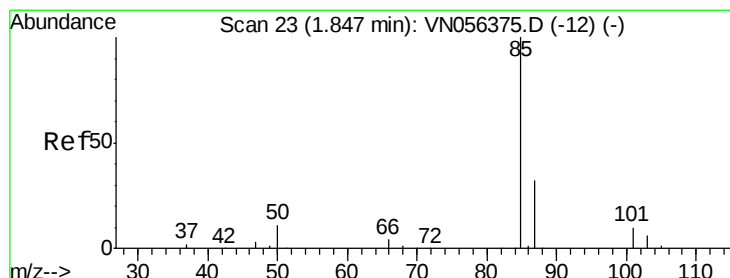
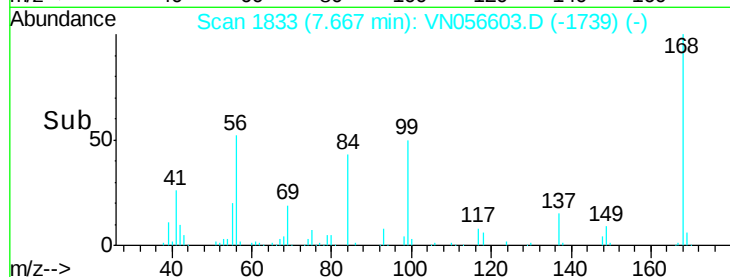
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.680 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056603.D

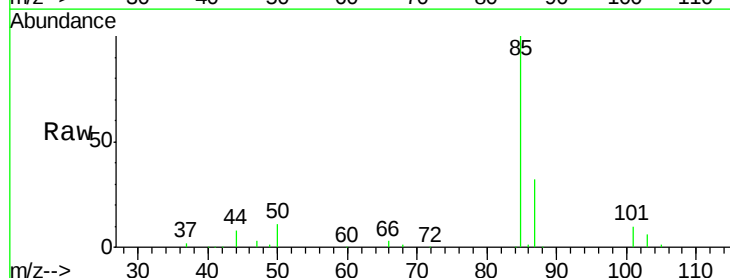
Acq: 3 Jul 2019 22:31

Tgt Ion: 85 Resp: 108102

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

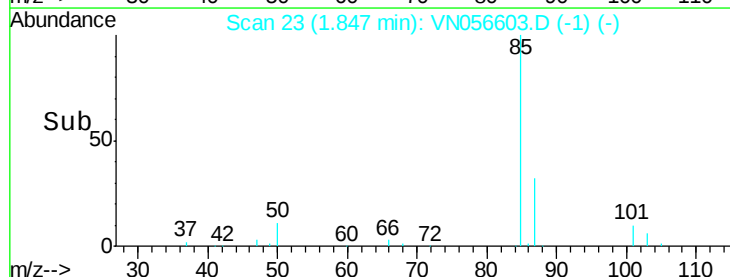
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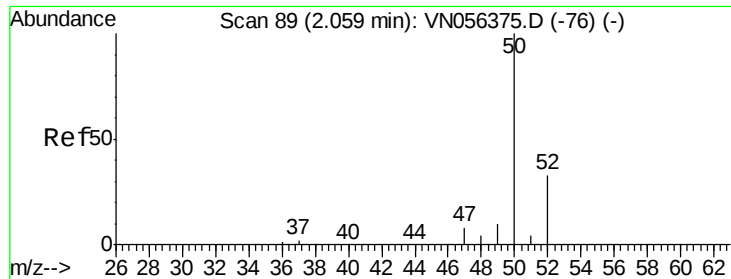
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.037 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141900

Ion Ratio Lower Upper

50 100

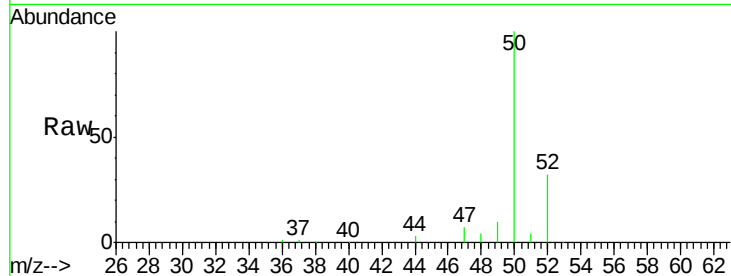
52 31.9 26.5 39.7

Manual Integrations

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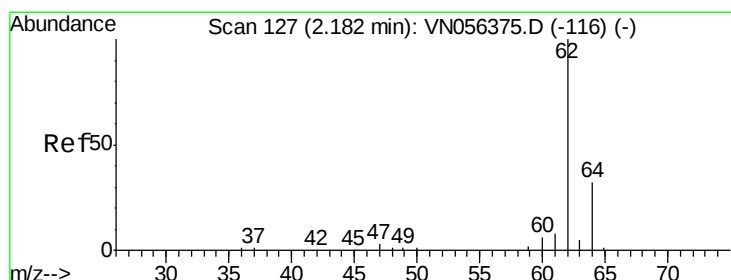
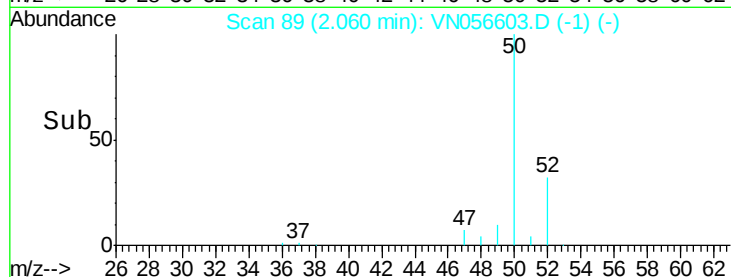
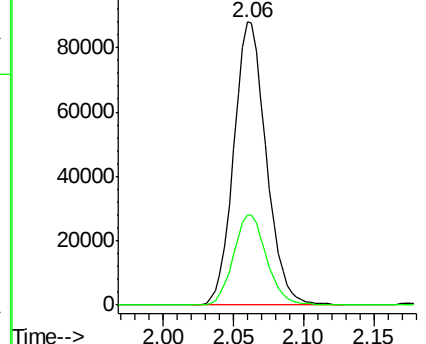
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.023 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056603.D

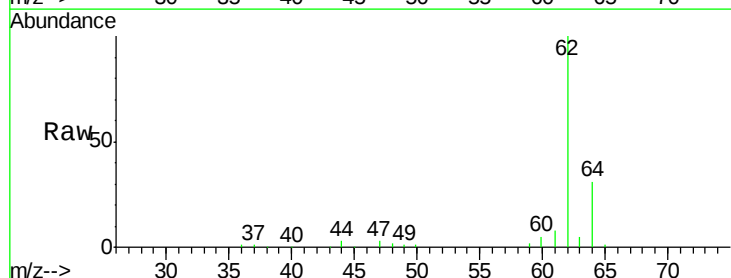
Acq: 3 Jul 2019 22:31

Tgt Ion: 62 Resp: 143234

Ion Ratio Lower Upper

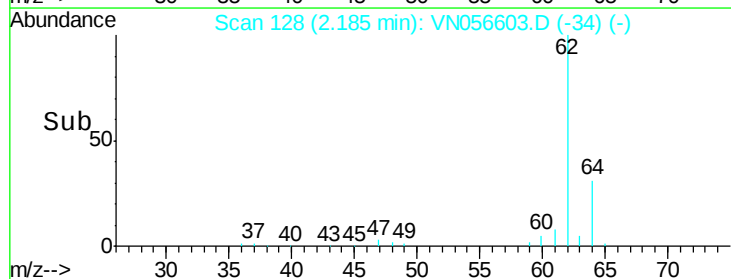
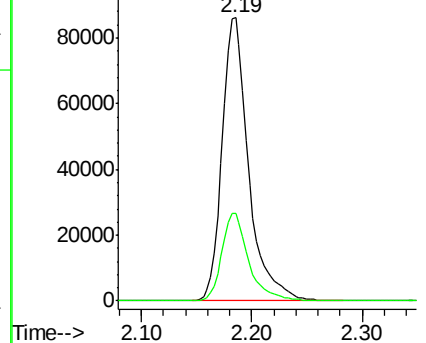
62 100

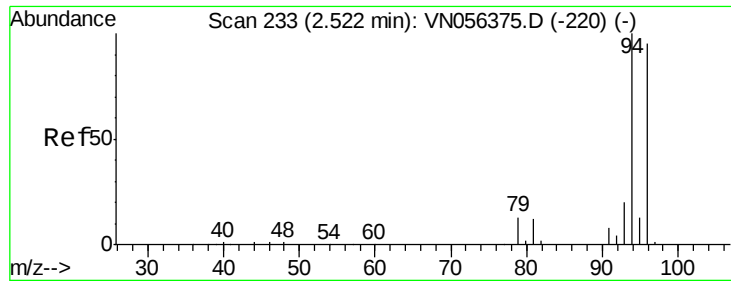
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 29.739 ug/l m

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 54260

Ion Ratio Lower Upper

94 100

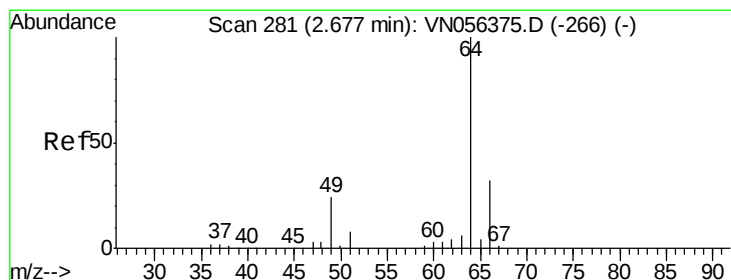
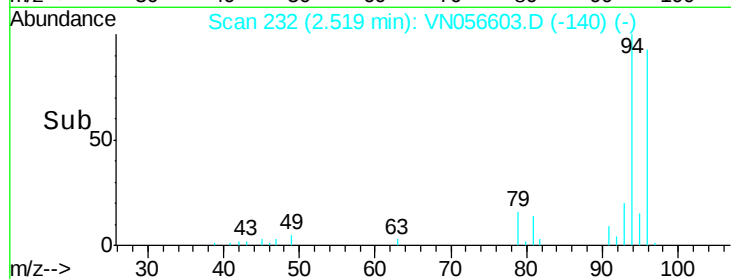
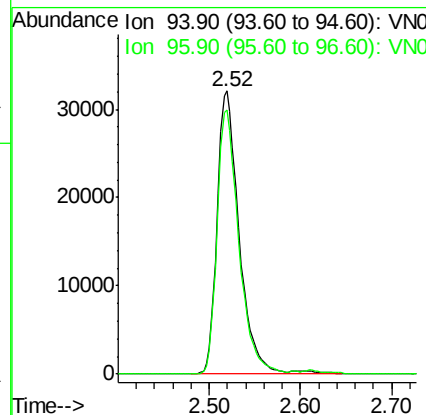
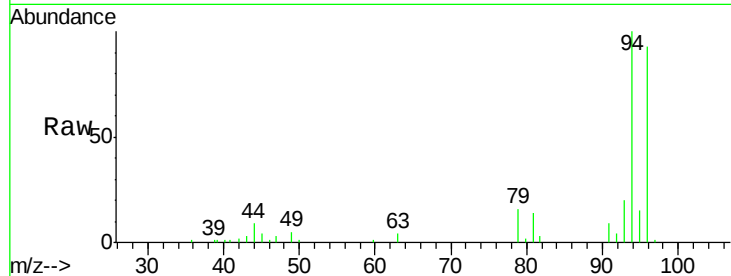
96 93.5 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 45.903 ug/l m

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN056603.D

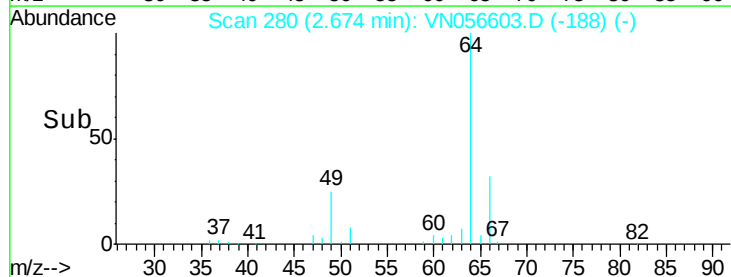
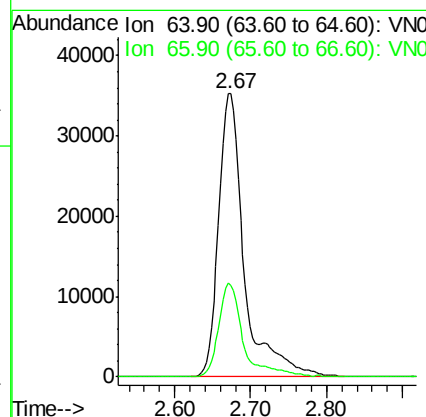
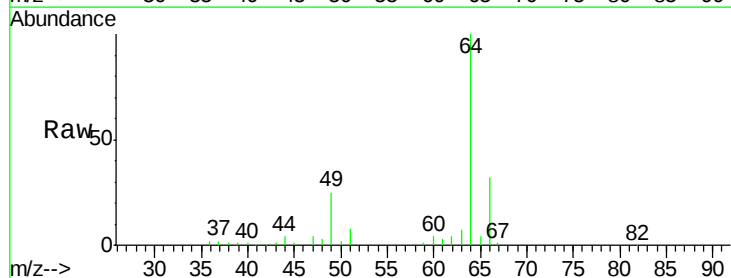
Acq: 3 Jul 2019 22:31

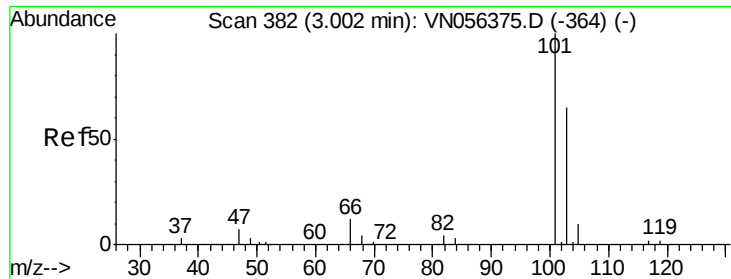
Tgt Ion: 64 Resp: 82731

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.8





#7

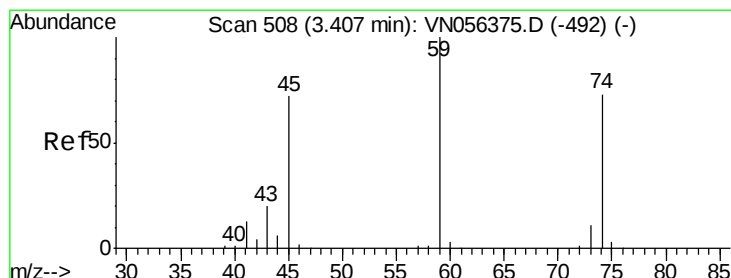
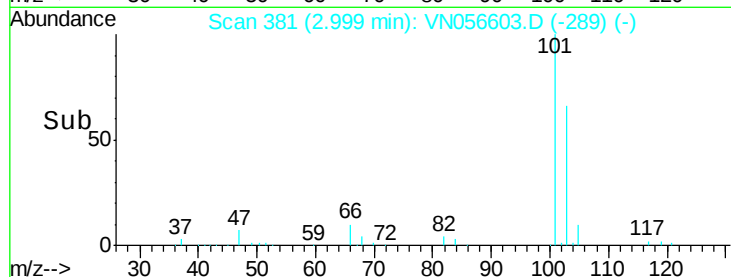
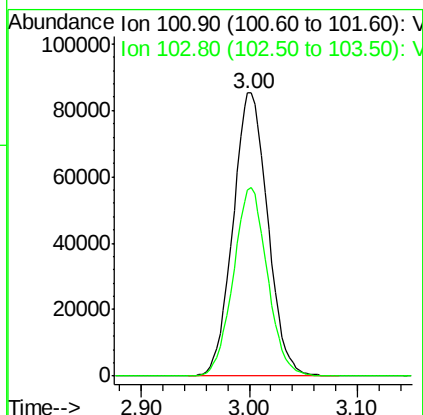
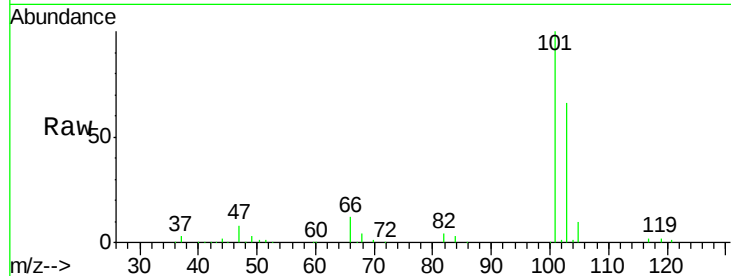
Trichlorofluoromethane
Concen: 47.524 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:101 Resp: 191324
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

Manual Integrations
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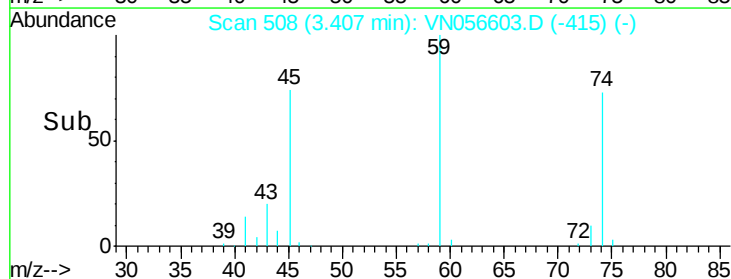
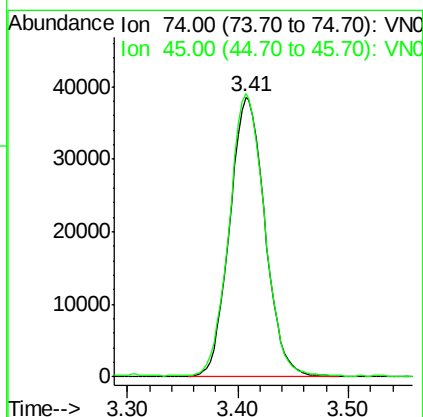
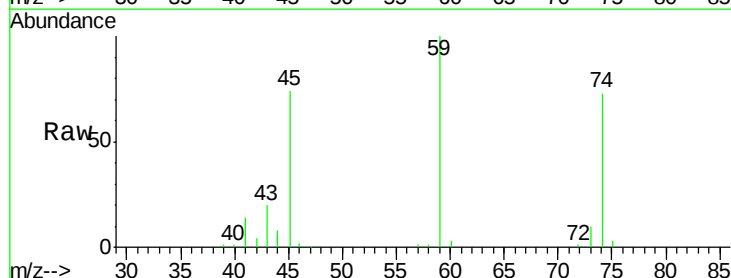
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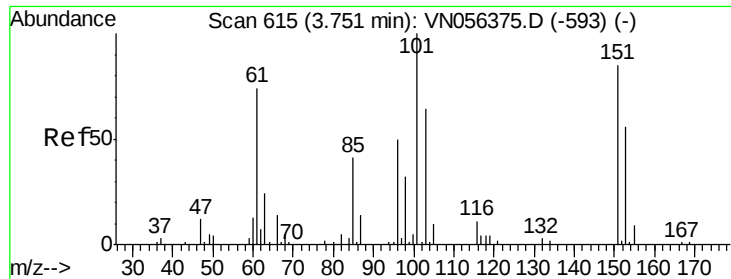


#8

Diethyl Ether
Concen: 50.204 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion: 74 Resp: 85537
Ion Ratio Lower Upper
74 100
45 102.8 48.9 146.6





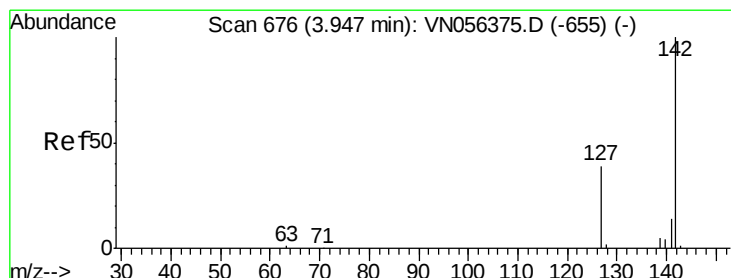
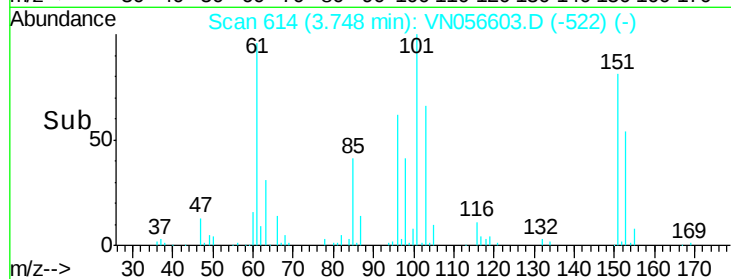
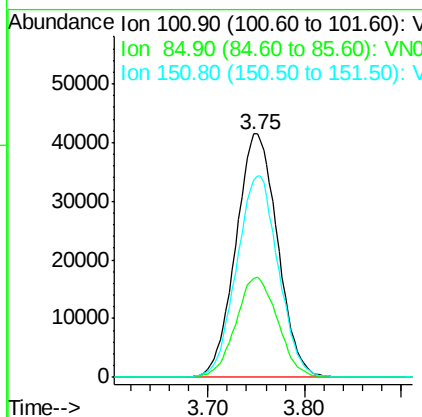
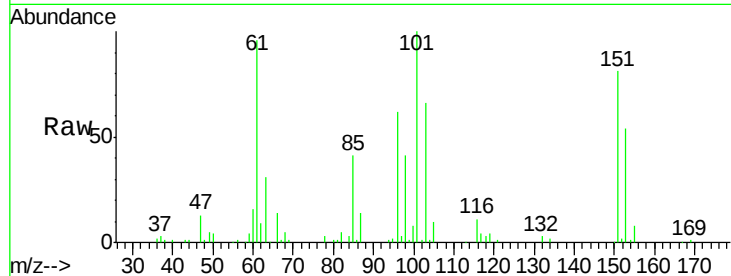
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.383 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.1	32.7	49.1
151	82.7	66.8	100.2

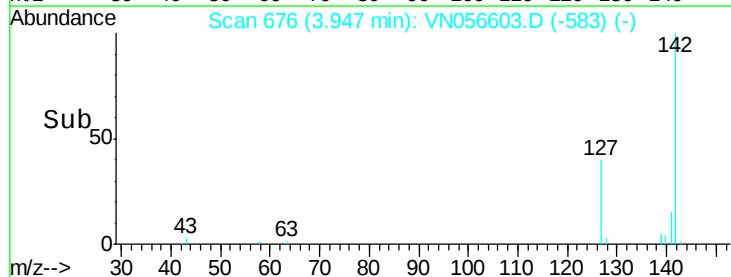
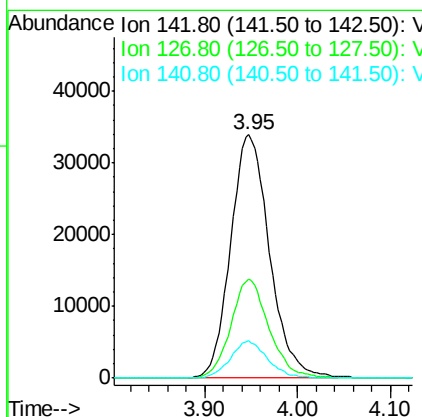
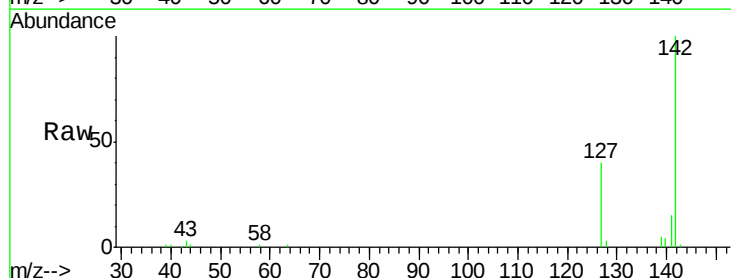
Manual Integrations
 APPROVED

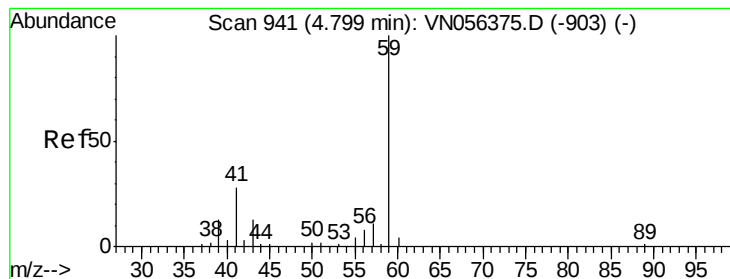
MMDadoda
 7/8/2019 10:08:21 AM



#10
 Methyl Iodide
 Concen: 28.507 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.8	30.6	46.0
141	14.5	11.4	17.2





#11

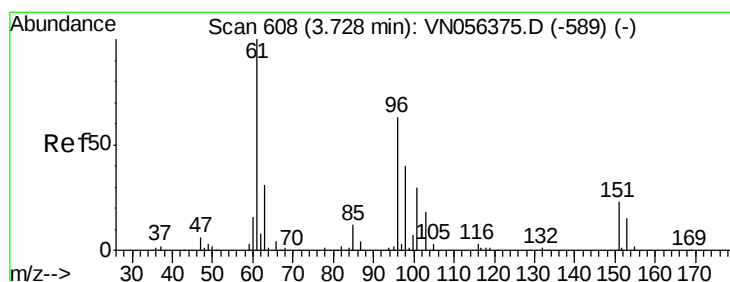
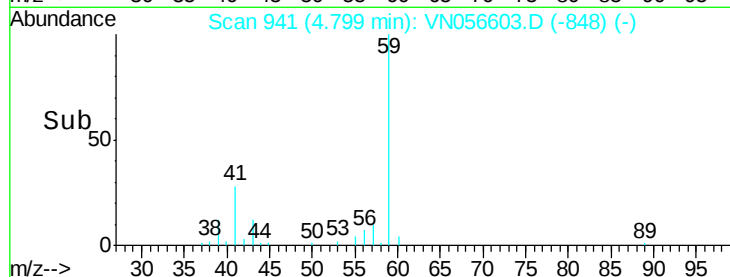
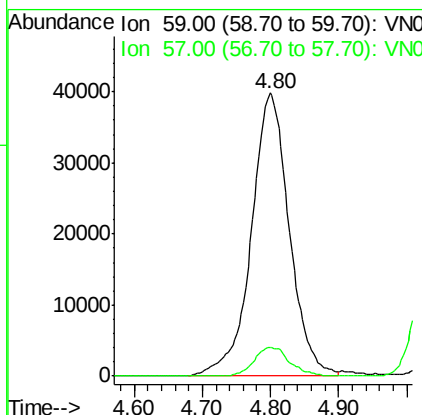
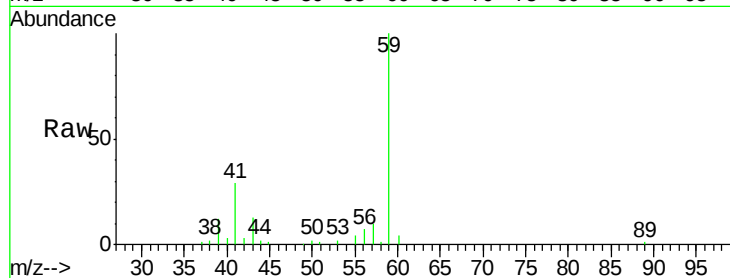
Tert butyl alcohol
Concen: 295.213 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.6	11.4

Manual Integrations
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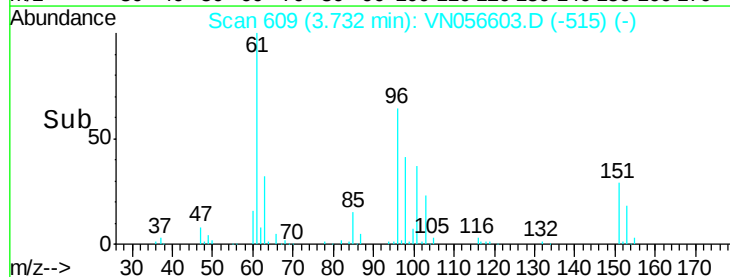
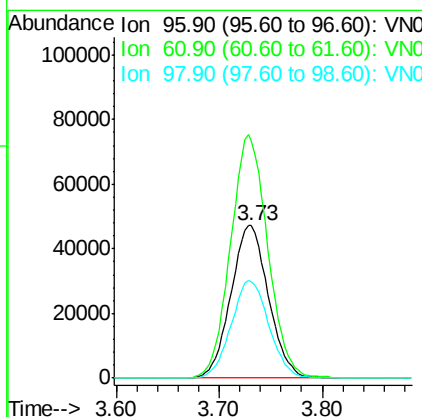
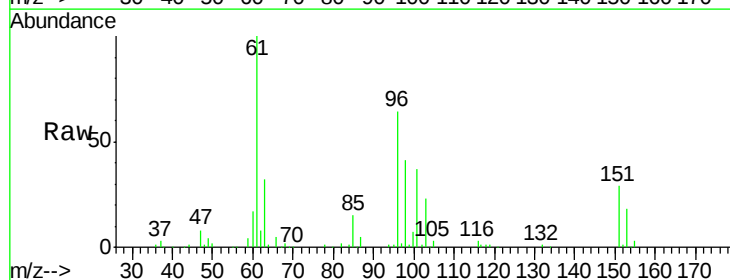
MMDadoda
7/8/2019 10:08:21 AM

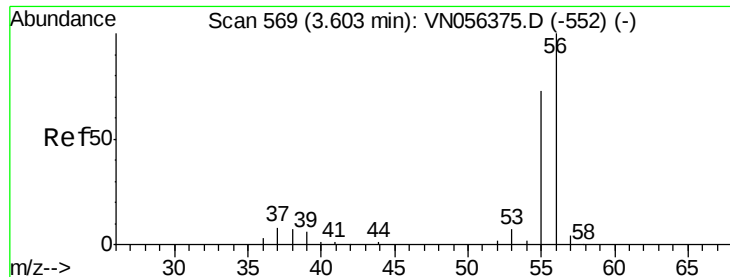


#12

1,1-Dichloroethene
Concen: 48.348 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	126.6	190.0
98	63.3	51.1	76.7





#13

Acrolein

Concen: 209.305 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 92031

Ion Ratio Lower Upper

56 100

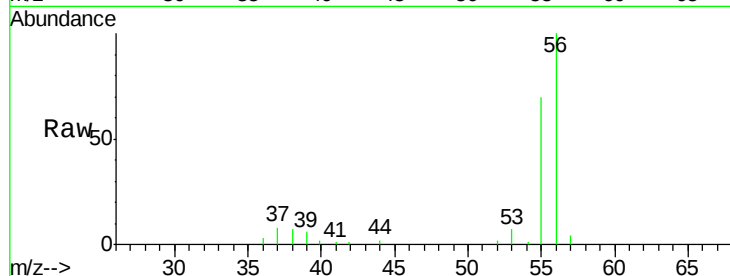
55 69.4 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

40000

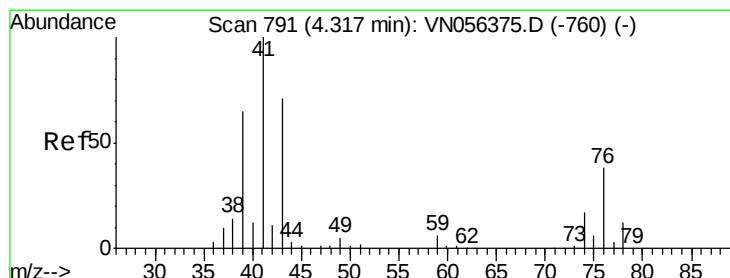
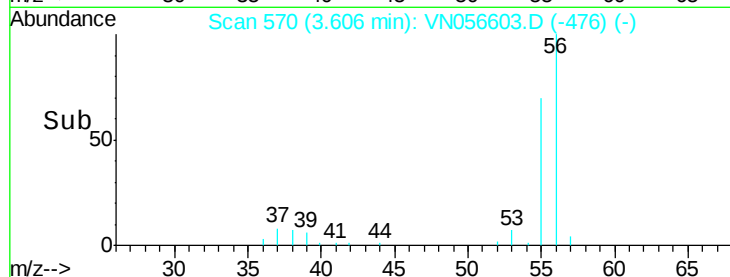
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 51.671 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

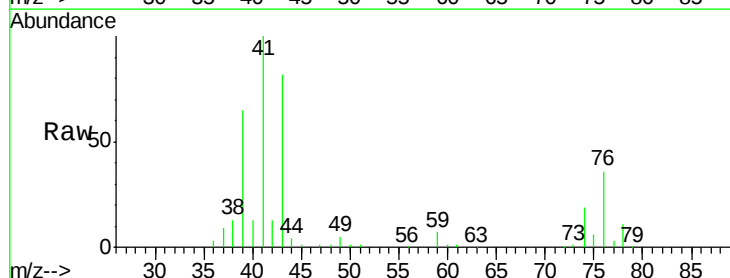
Tgt Ion: 41 Resp: 212356

Ion Ratio Lower Upper

41 100

39 59.9 48.6 73.0

76 32.4 26.6 40.0



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

4.32

80000

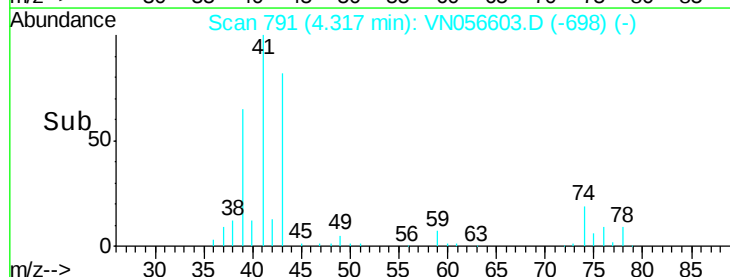
60000

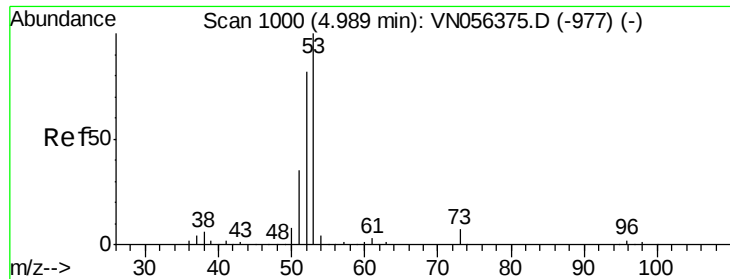
40000

20000

0

Time-->





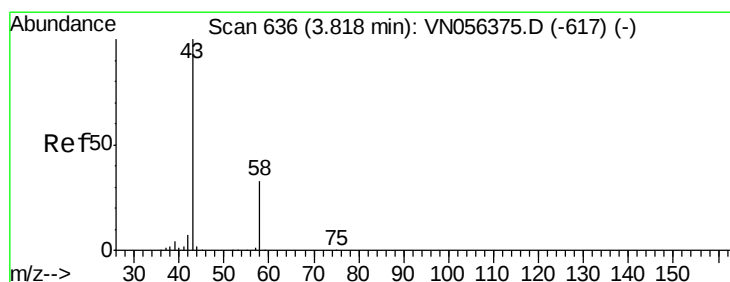
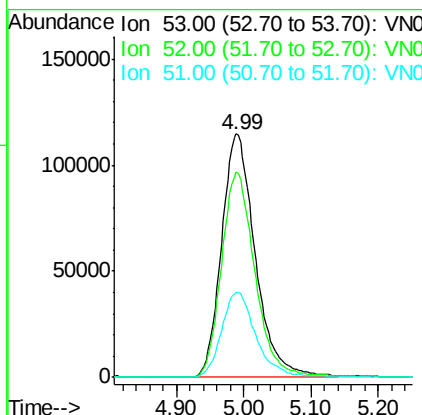
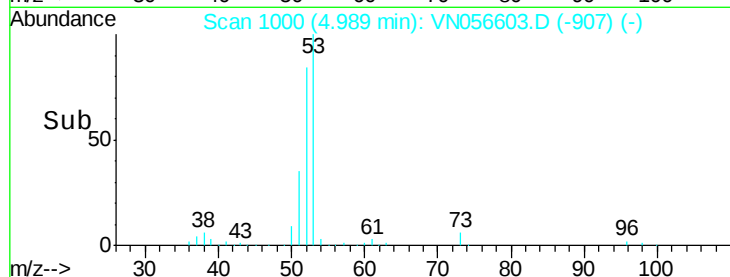
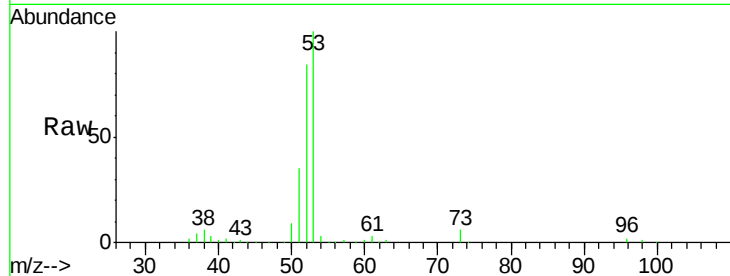
#15
 Acrylonitrile
 Concen: 277.376 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.9	98.9
51	35.9	28.3	42.5

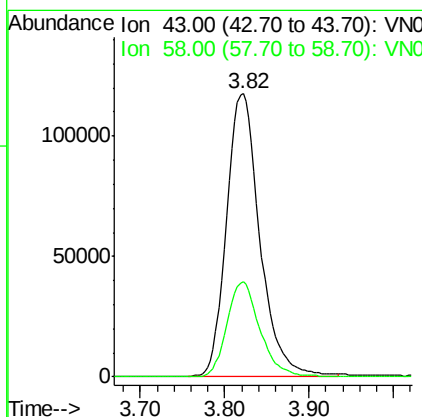
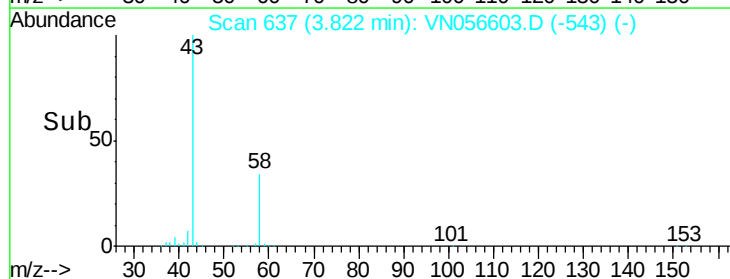
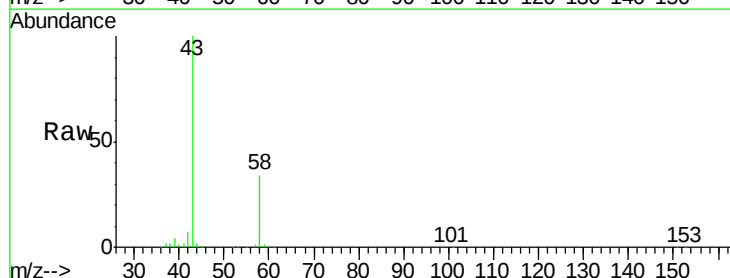
Manual Integrations
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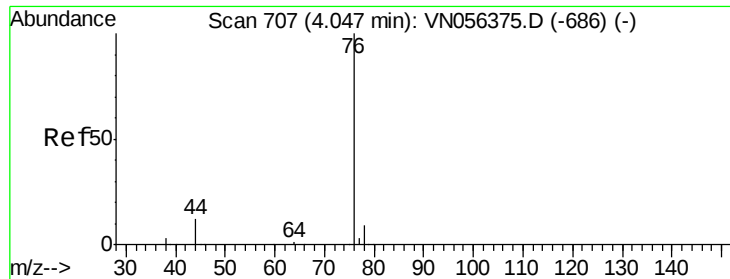
MMDadoda
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#16
 Acetone
 Concen: 206.319 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.4	39.6





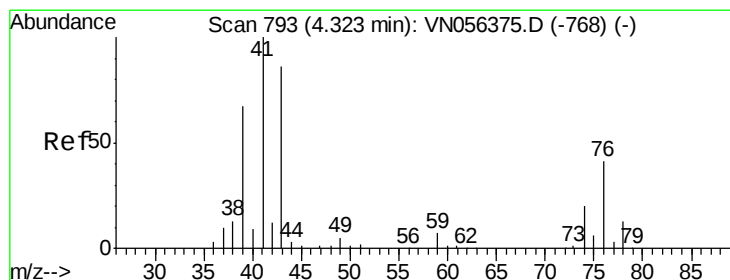
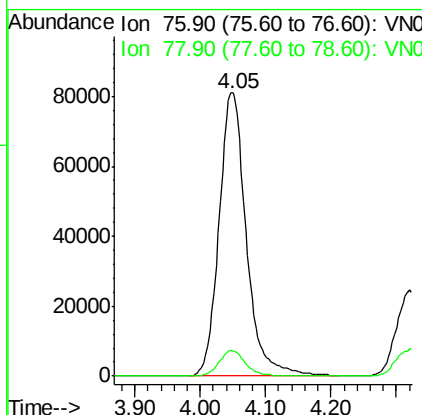
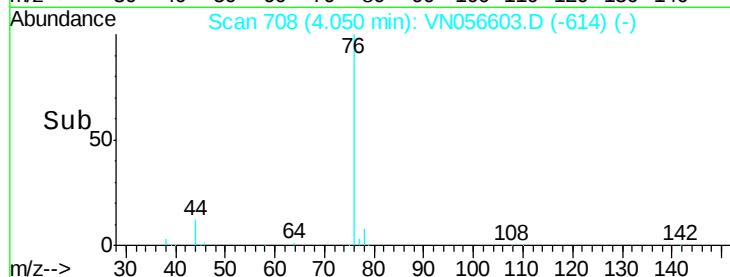
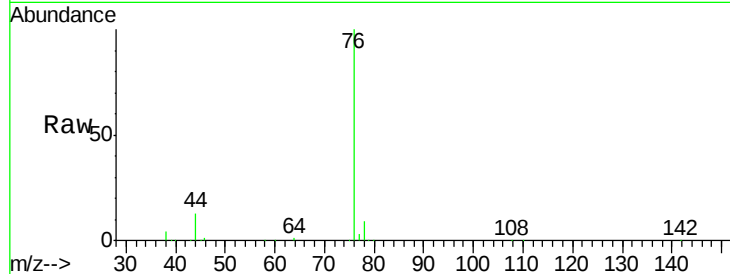
#17
Carbon Disulfide
Concen: 41.899 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

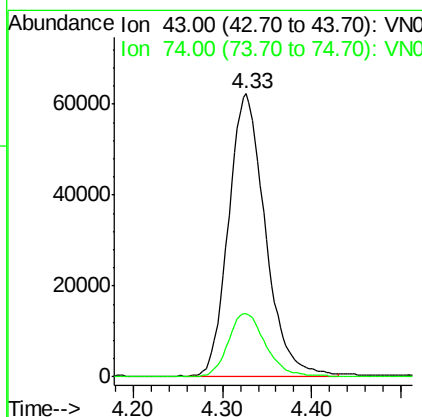
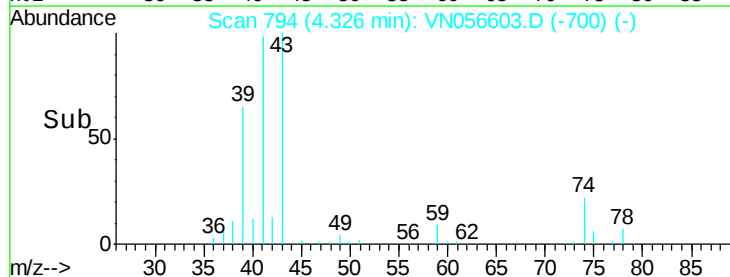
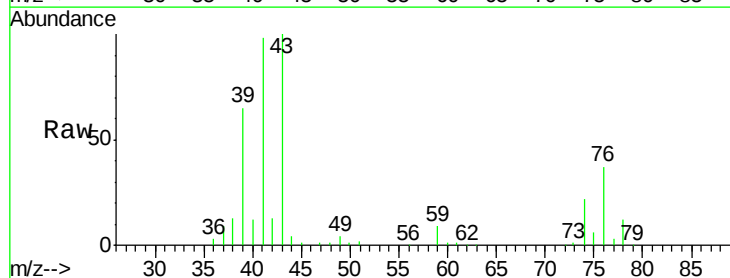
Manual Integrations
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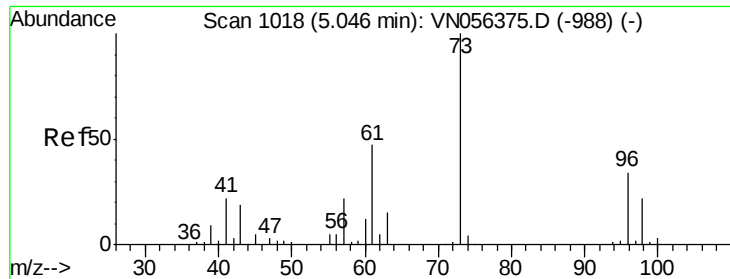
MMDadoda
7/8/2019 10:08:21 AM



#18
Methyl Acetate
Concen: 58.395 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.2	28.8





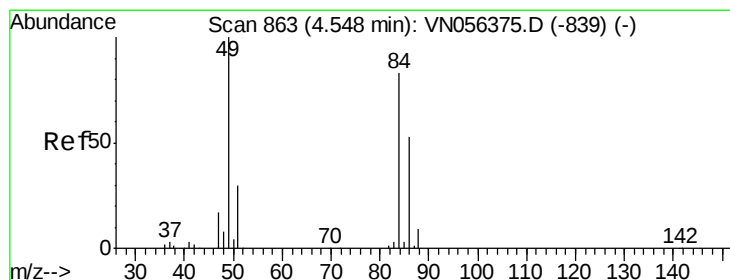
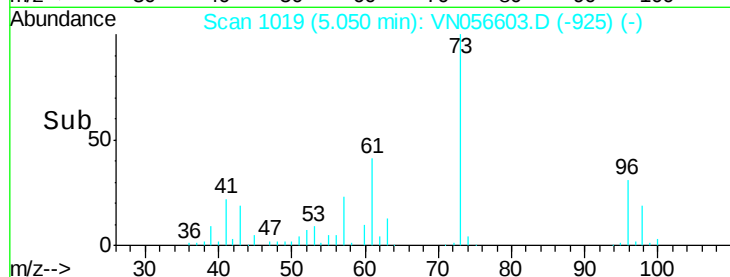
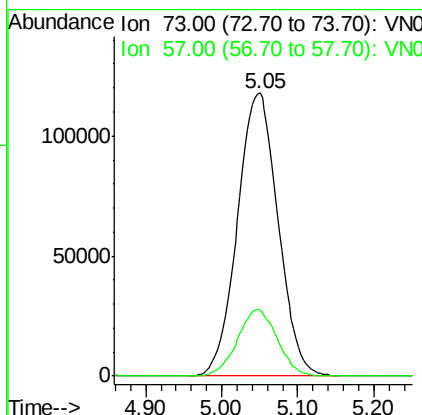
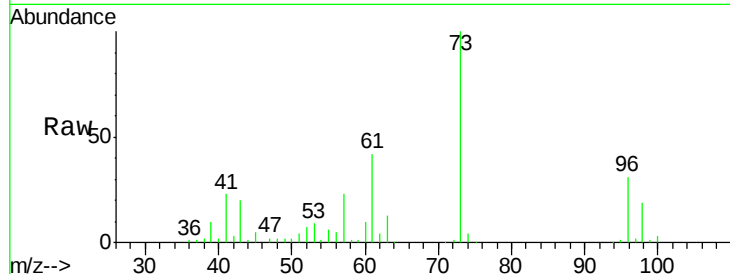
#19
Methvl tert-butvl Ether
Concen: 53.545 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 437429
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

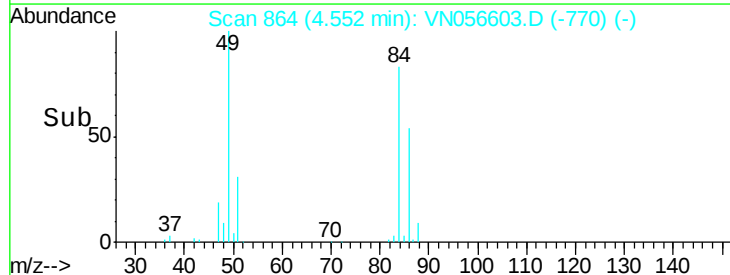
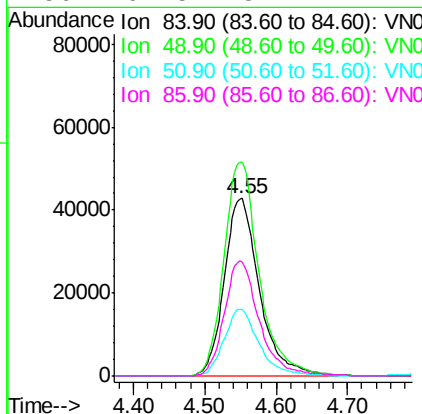
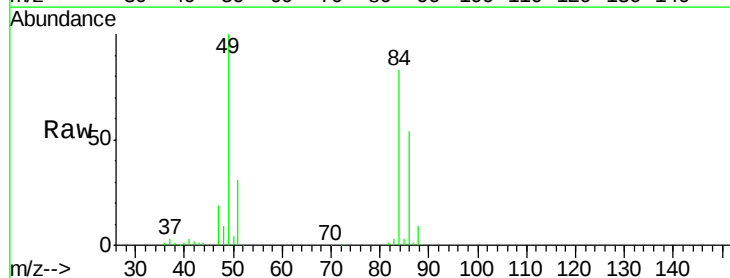
Manual Integrations
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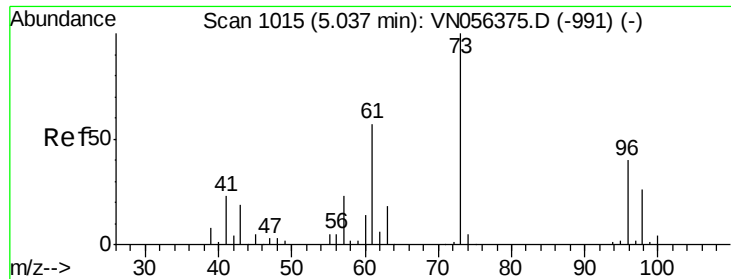
MMDadoda
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#20
Methylene Chloride
Concen: 50.225 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion: 84 Resp: 146923
Ion Ratio Lower Upper
84 100
49 120.0 96.4 144.6
51 37.5 28.6 43.0
86 64.5 51.4 77.2





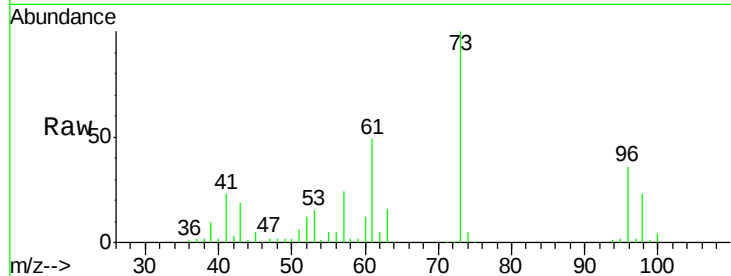
#21
trans-1,2-Dichloroethene
Concen: 48.056 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

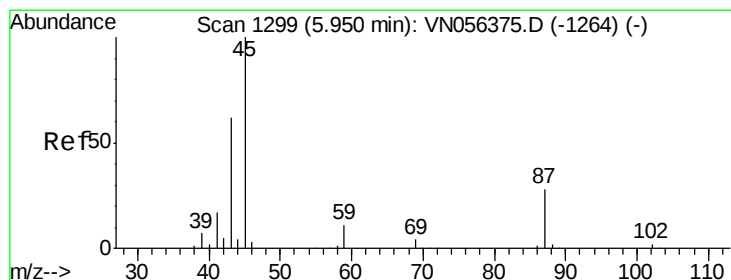
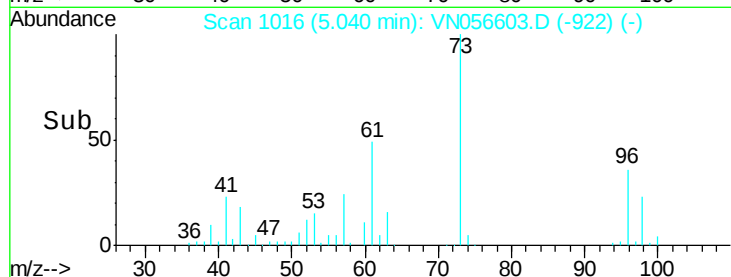
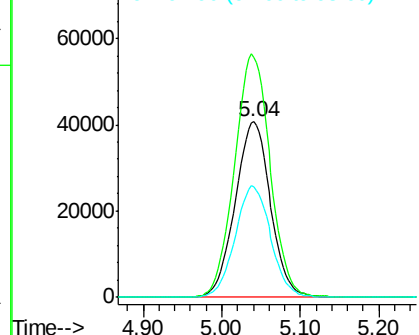
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	113.0	169.6
98	63.2	52.2	78.2

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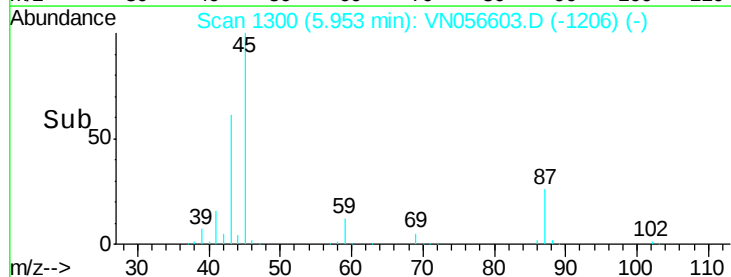
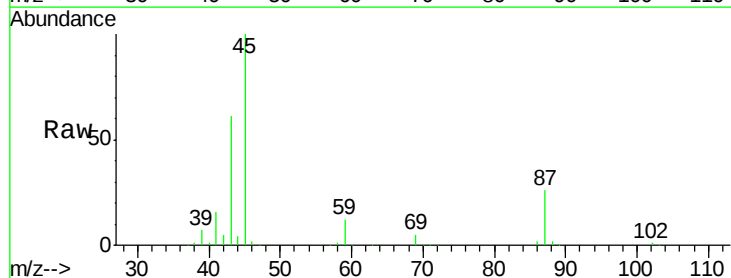
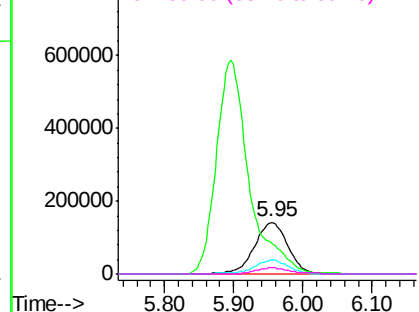
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

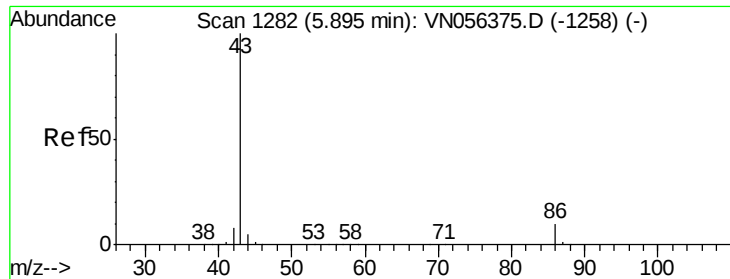


#22
Diisopropyl ether
Concen: 55.330 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	50.4	75.6
87	26.1	23.0	34.4
59	11.6	9.1	13.7

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 283.774 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1931832

Ion Ratio Lower Upper

43 100

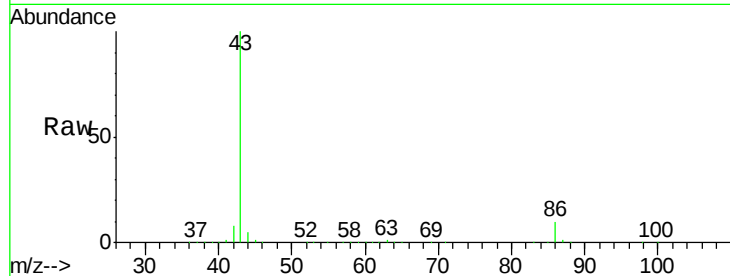
86 10.3 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

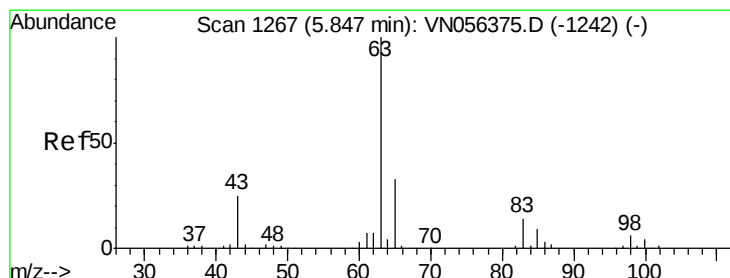
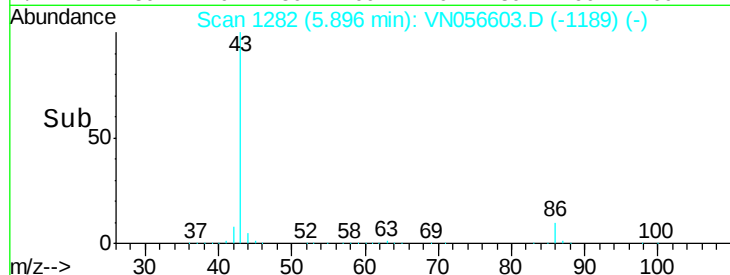
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.961 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

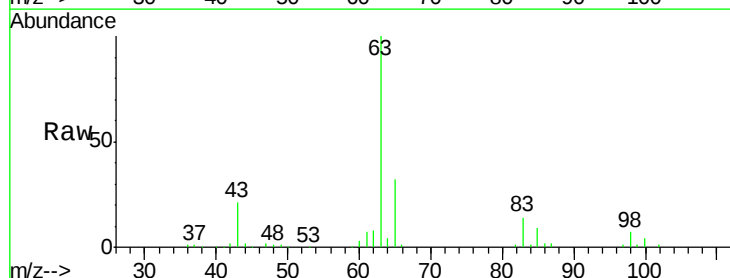
Tgt Ion: 63 Resp: 257442

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

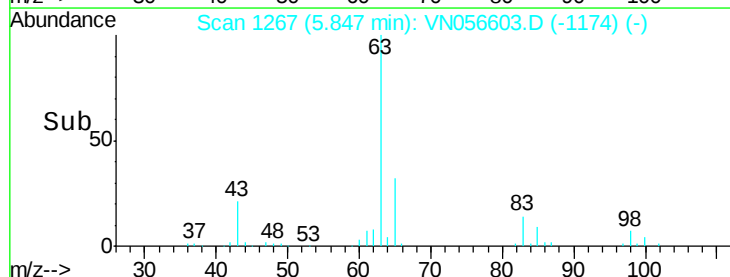
60000

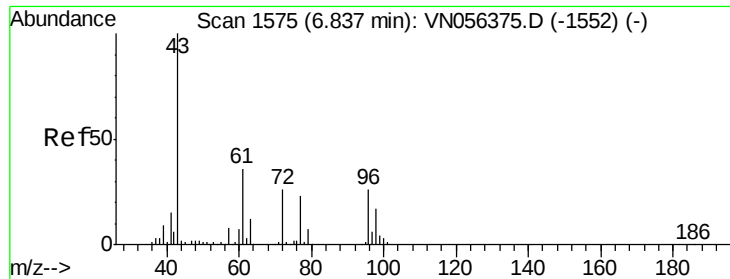
40000

20000

0

Time-->





#25

2-Butanone

Concen: 264.420 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 543105

Ion Ratio Lower Upper

43 100

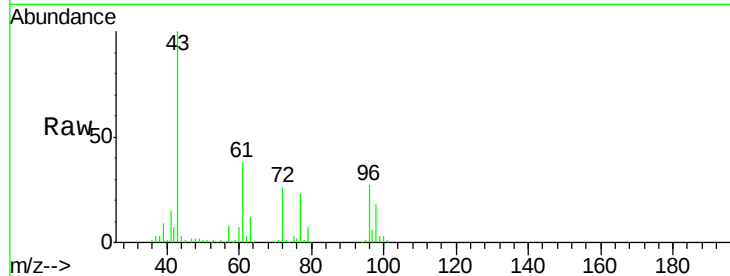
72 26.2 20.6 31.0

Manual Integrations

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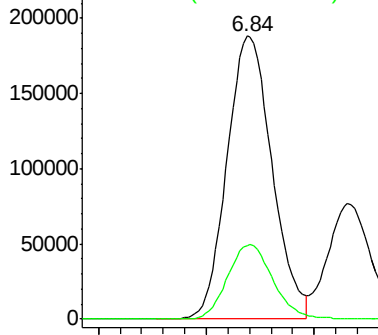
MMDadoda

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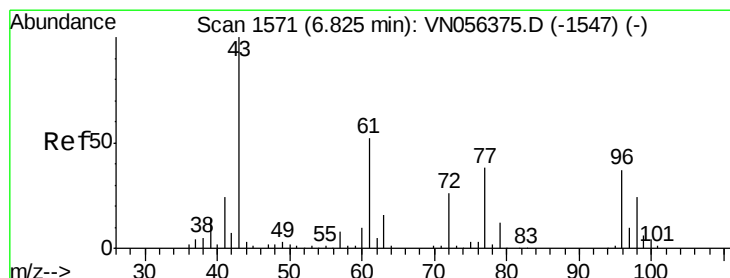
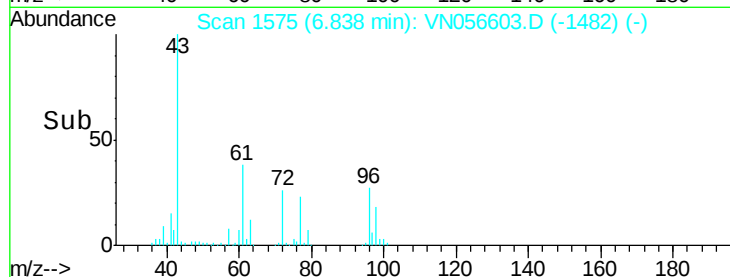


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 45.271 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056603.D

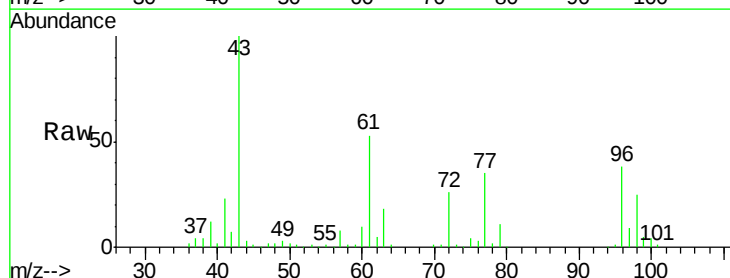
Acq: 3 Jul 2019 22:31

Tgt Ion: 77 Resp: 156001

Ion Ratio Lower Upper

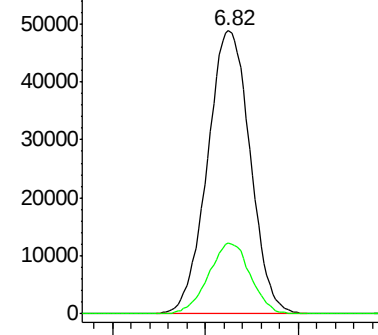
77 100

97 24.4 11.9 35.5

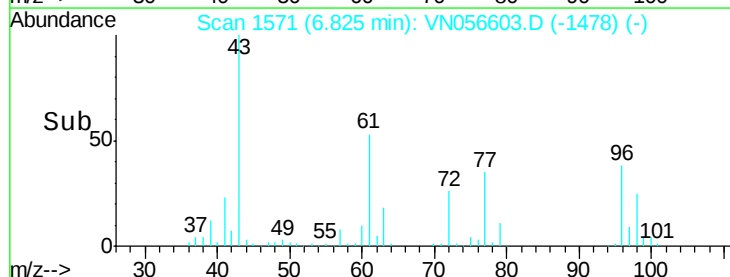


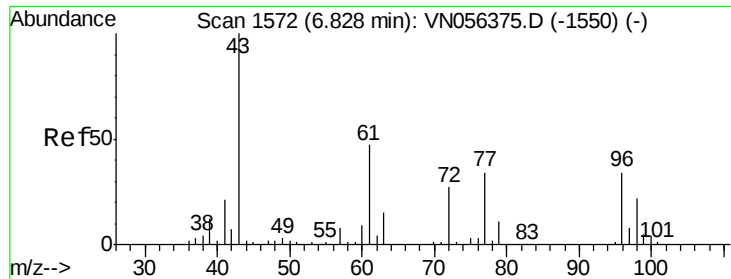
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.194 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

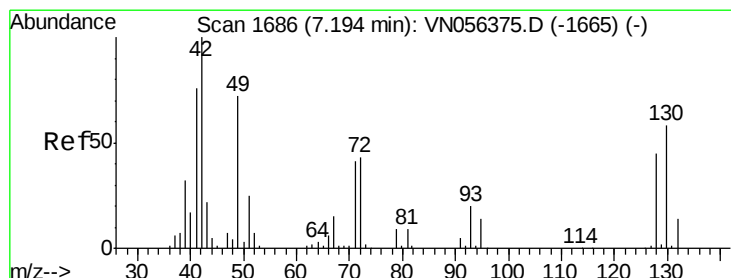
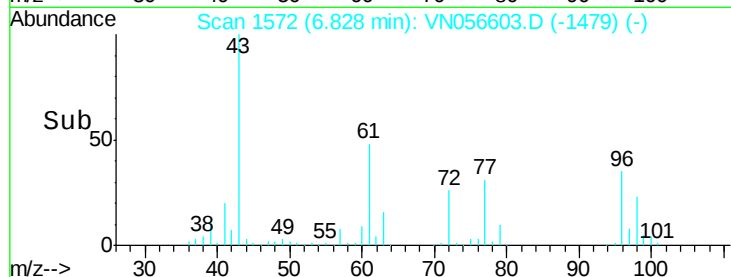
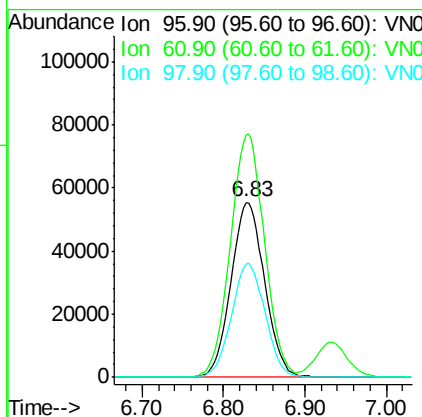
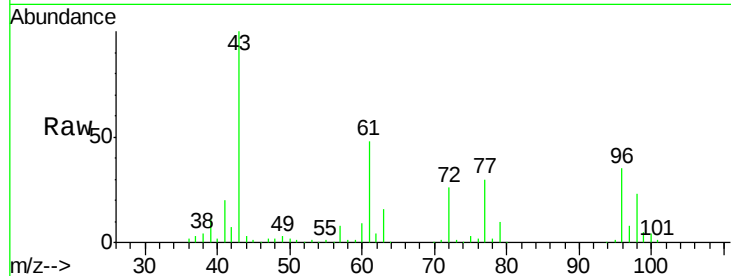
ClientSampled :

VSTDCCC050EC

Tot Ion:	96	Resp:	159429
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	279.8
98	64.7	0.0	130.0

Manual Integrations
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#28

Bromochloromethane

Concen: 51.731 ug/l

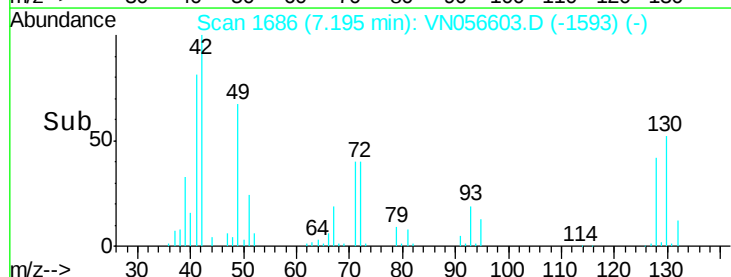
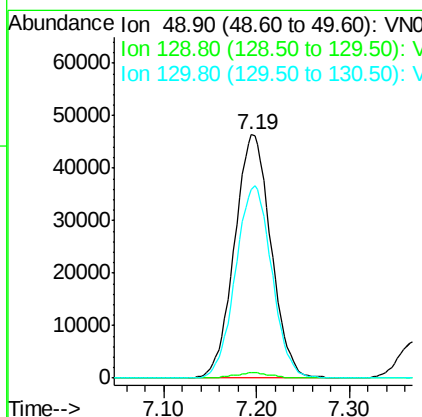
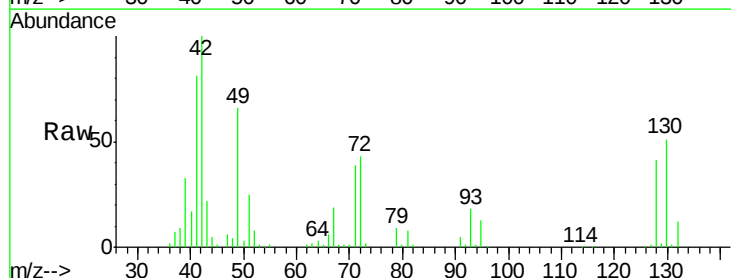
RT: 7.19 min Scan# 1686

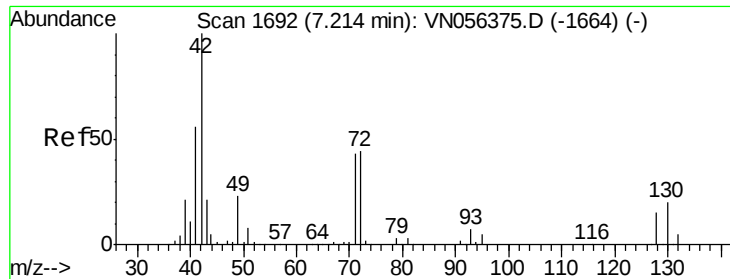
Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Tgt Ion:	49	Resp:	126775
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.3	64.9	97.3





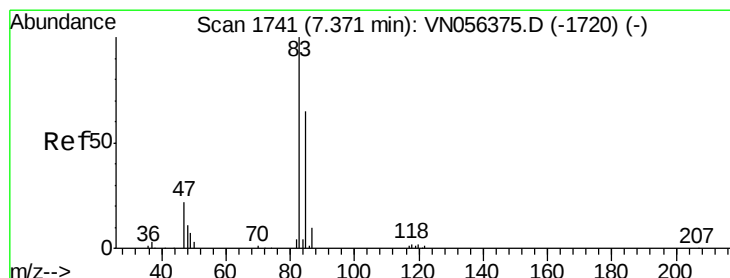
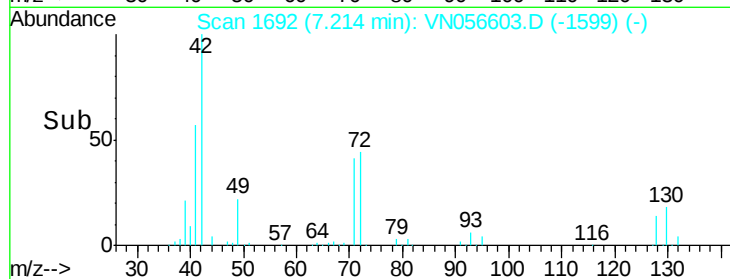
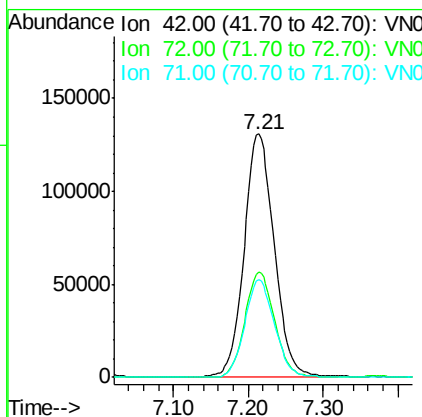
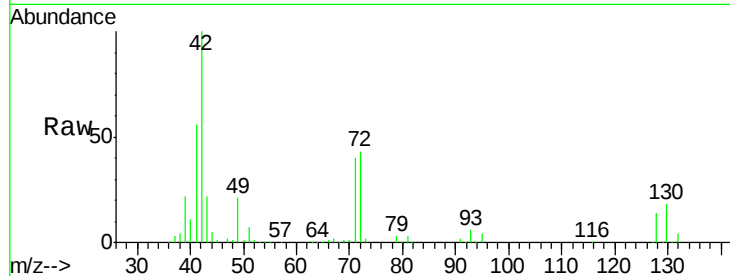
#29
Tetrahydrofuran
Concen: 292.869 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.7	52.1
71	39.7	33.0	49.6

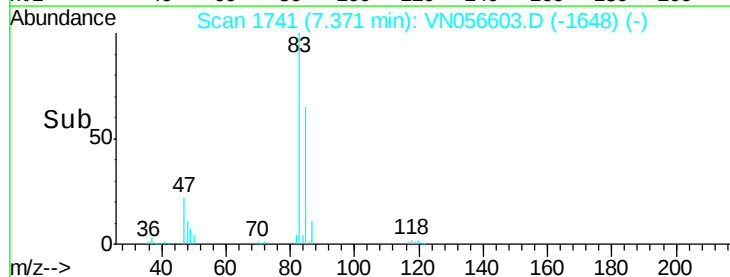
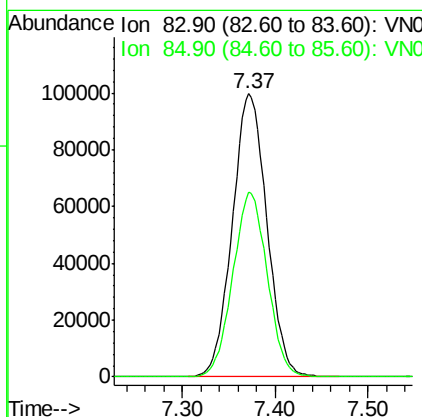
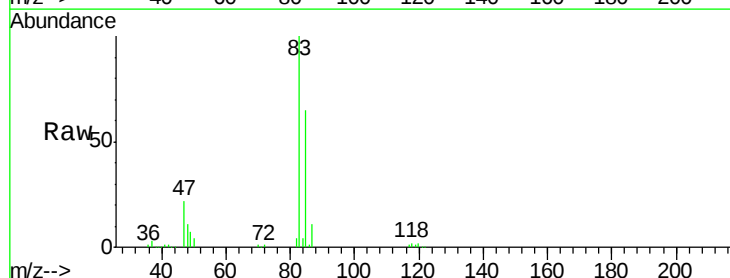
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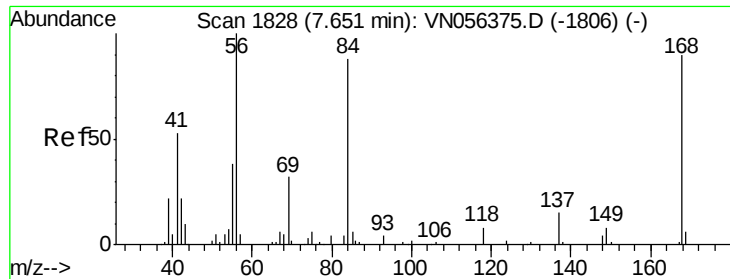
MMDadoda
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#30
Chloroform
Concen: 52.758 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5





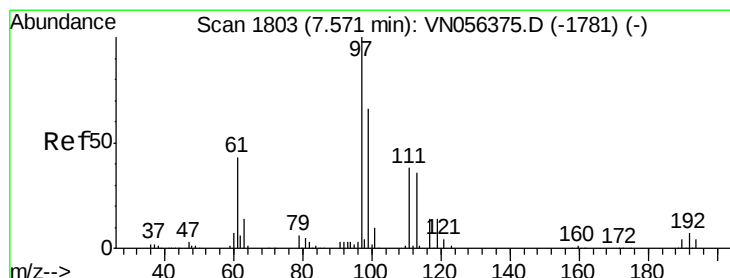
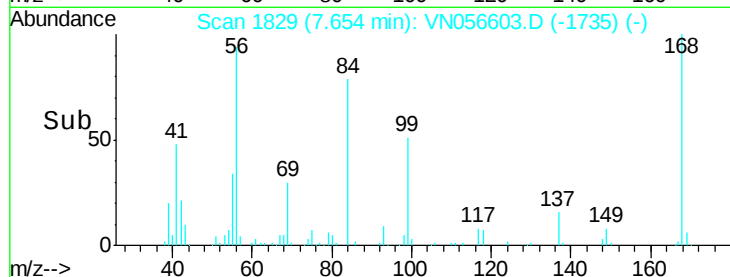
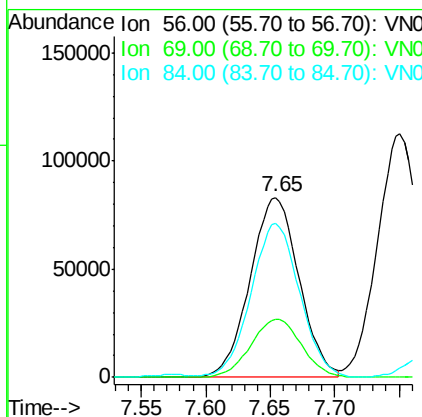
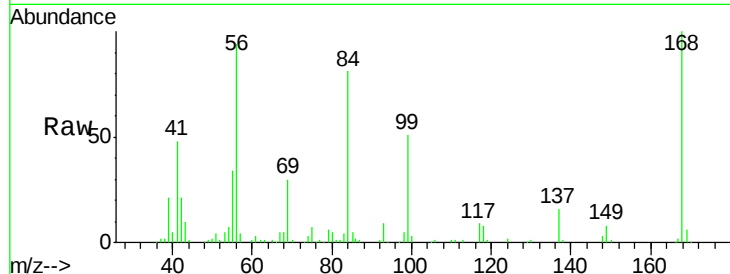
#31
Cyclohexane
Concen: 45.903 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.8	38.6
84	84.9	69.4	104.0

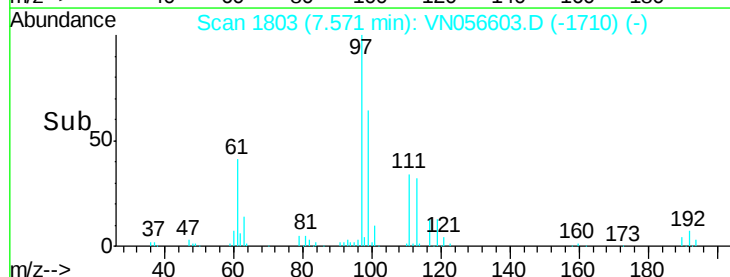
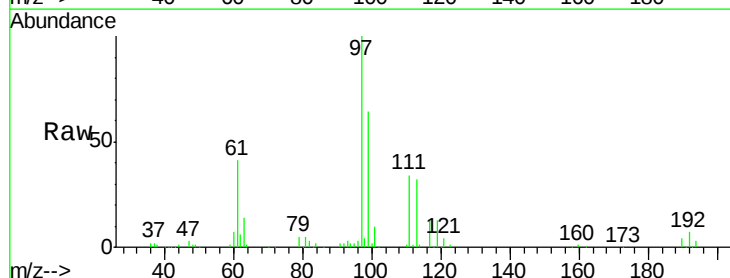
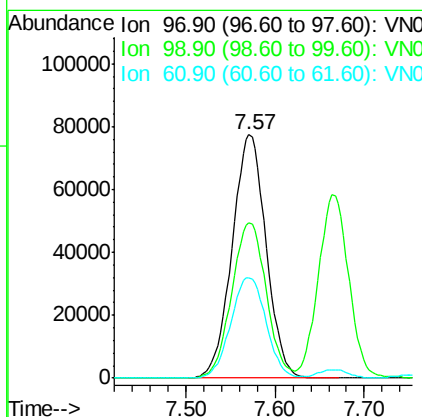
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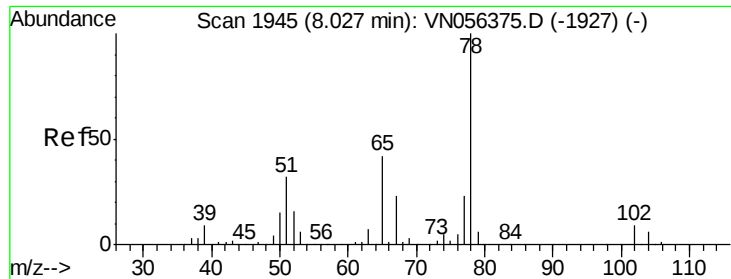
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7/8/2019 10:08:21 AM



#32
1,1,1-Trichloroethane
Concen: 52.788 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	42.8	33.9	50.9





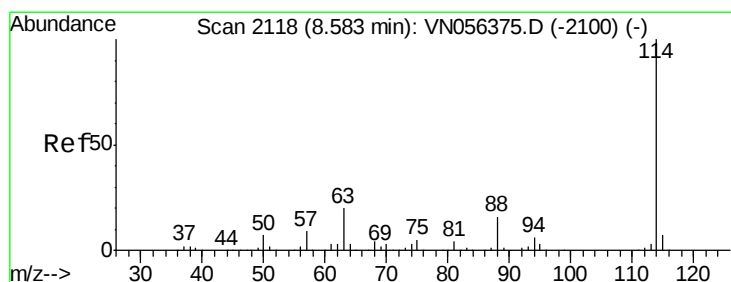
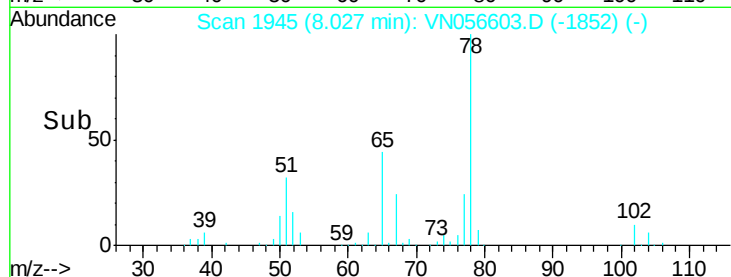
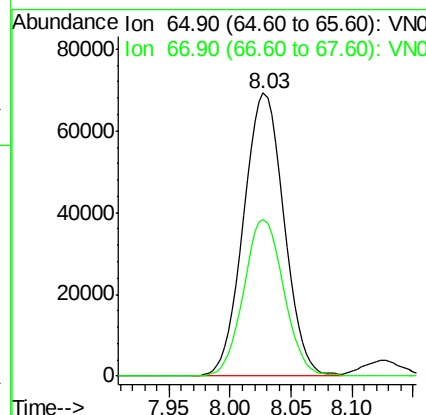
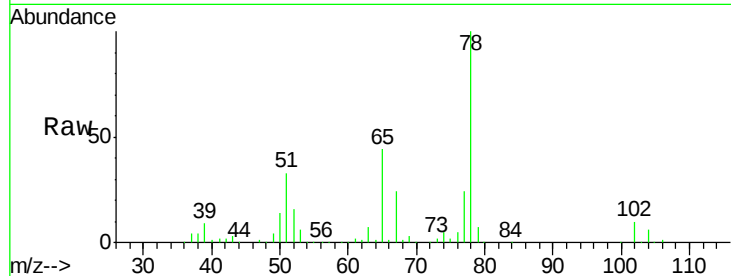
#33
 1,2-Dichloroethane-d4
 Concen: 51.425 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159290		
67	54.8	0.0	109.0	

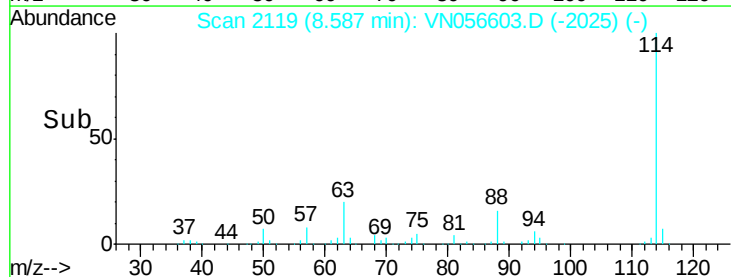
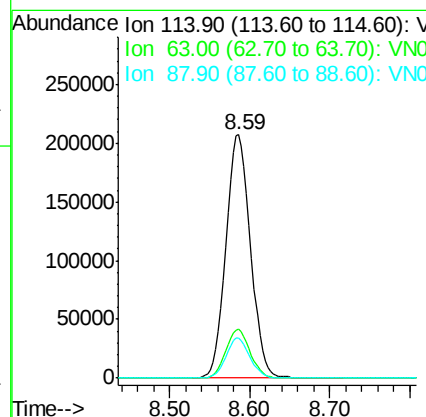
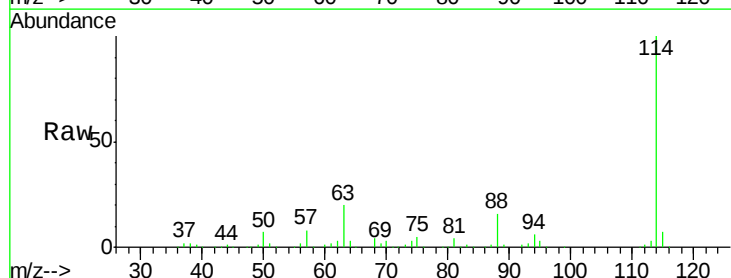
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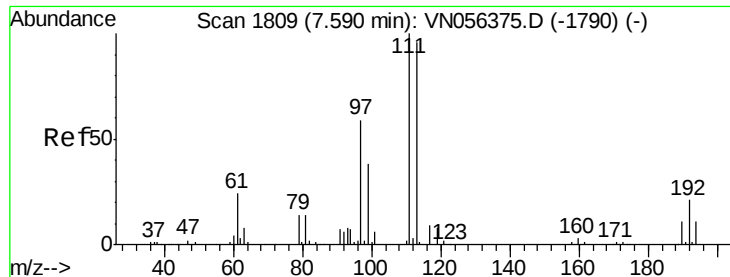
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437427		
63	19.9	0.0	39.2	
88	16.4	0.0	31.4	





#35

Dibromofluoromethane

Concen: 50.904 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

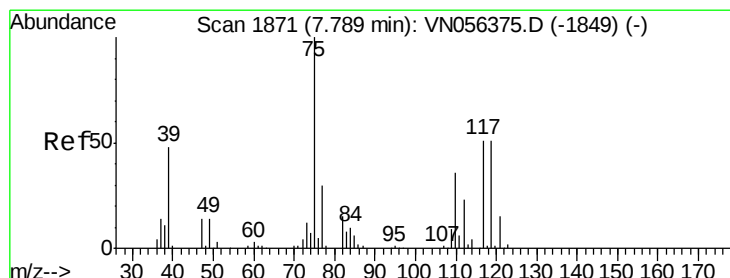
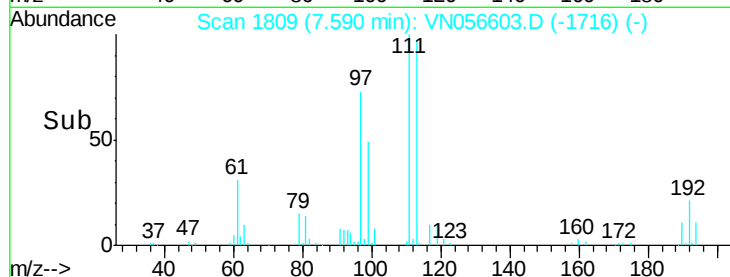
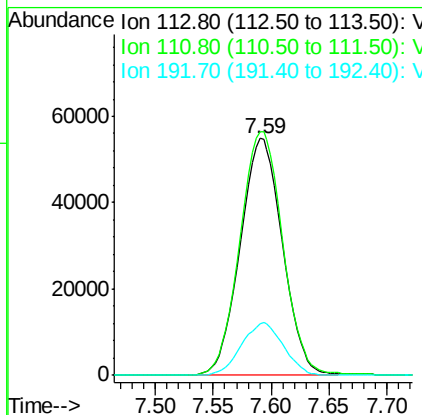
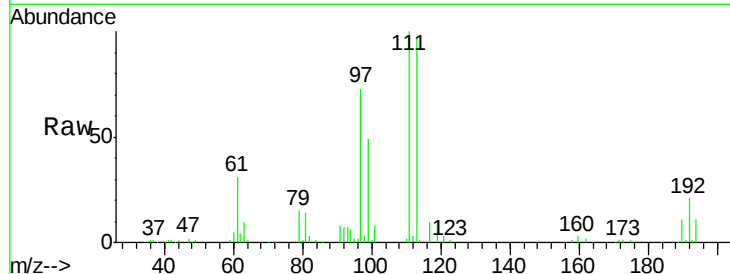
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	138909
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.9	124.3
192	22.2	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 46.847 ug/l

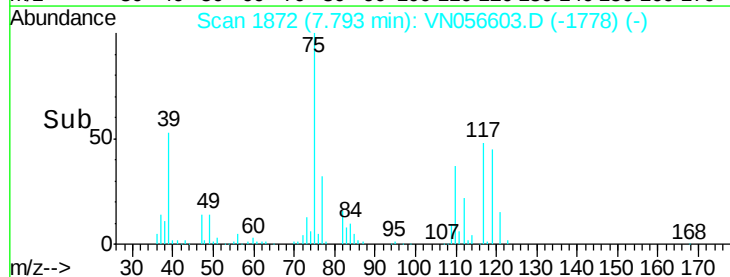
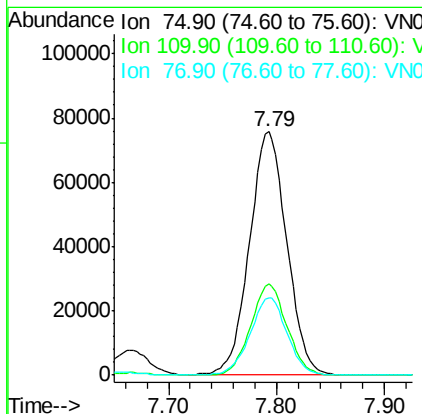
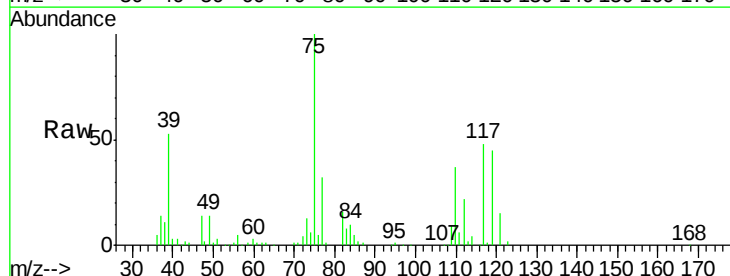
RT: 7.79 min Scan# 1872

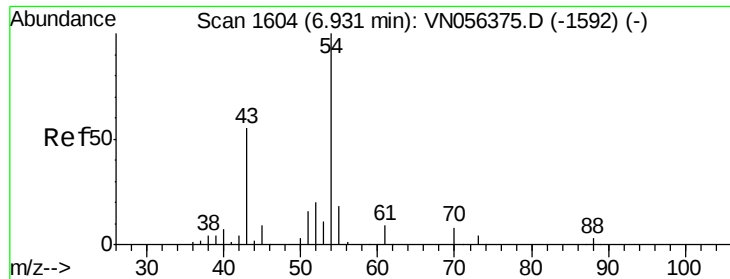
Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Tgt Ion:	75	Resp:	180368
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.3
77	31.7	24.6	36.8





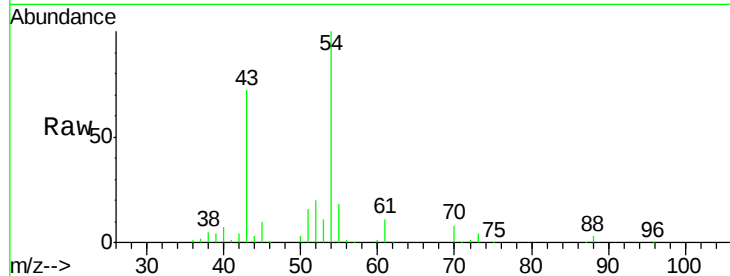
#37
Ethyl Acetate
Concen: 56.710 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Ratio	100	13.8	10.7
Lower		11.1	8.3
Upper		16.7	12.5

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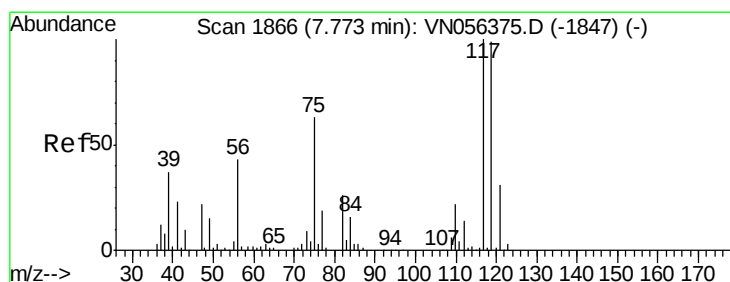
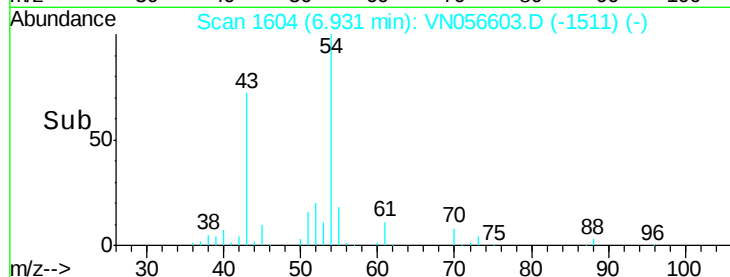
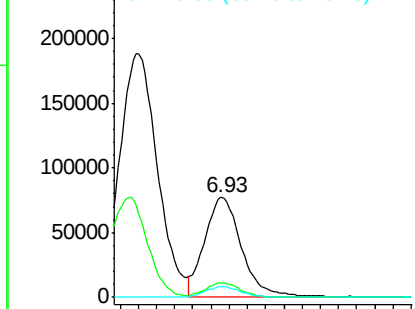


Abundance

Ion 43.00 (42.70 to 43.70): VN056603.D (-1511) (-)

Ion 60.90 (60.60 to 61.60): VN056603.D (-1511) (-)

Ion 70.00 (69.70 to 70.70): VN056603.D (-1511) (-)



#38
Carbon Tetrachloride
Concen: 49.966 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

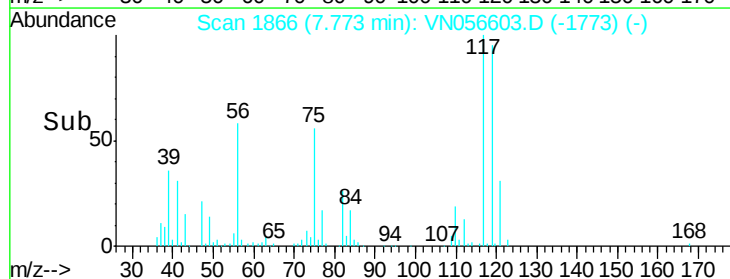
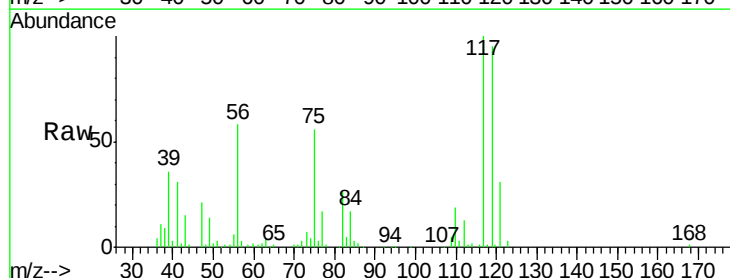
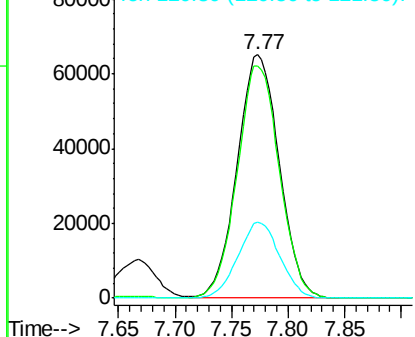
Tgt Ion	117	119	121
Ratio	100	95.5	31.1
Lower		79.1	24.8
Upper		118.7	37.2

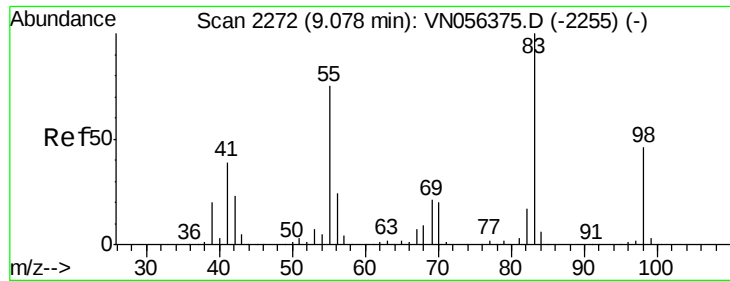
Abundance

Ion 116.80 (116.50 to 117.50): VN056603.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056603.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056603.D (-1773) (-)





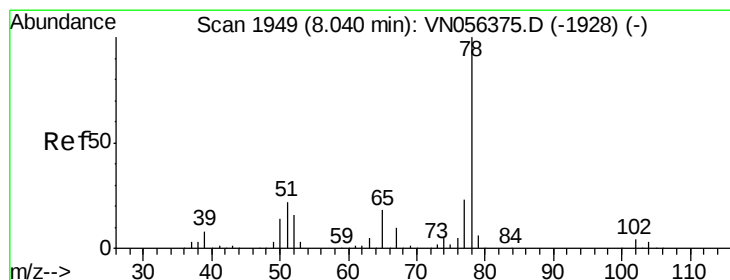
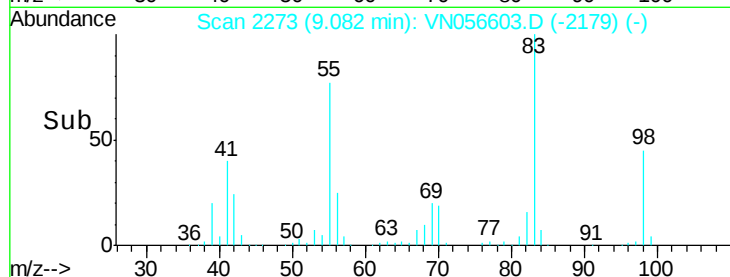
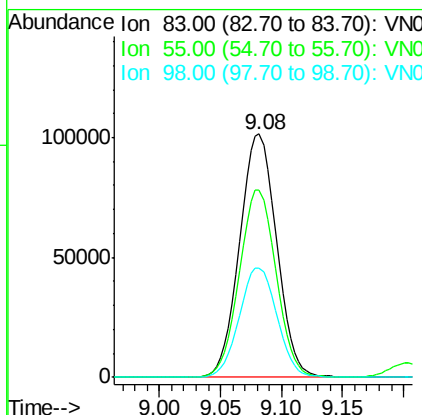
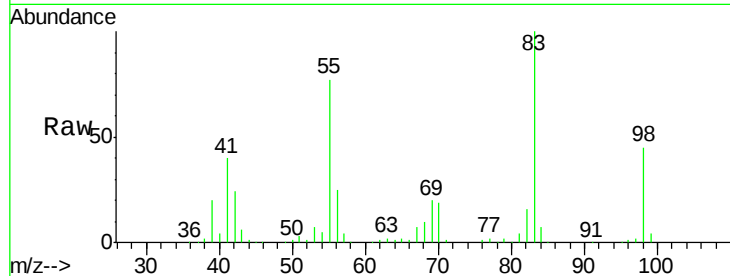
#39
Methvlcvclohexane
Concen: 44.894 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	213281
Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.0	90.0
98	45.0	36.6	54.8

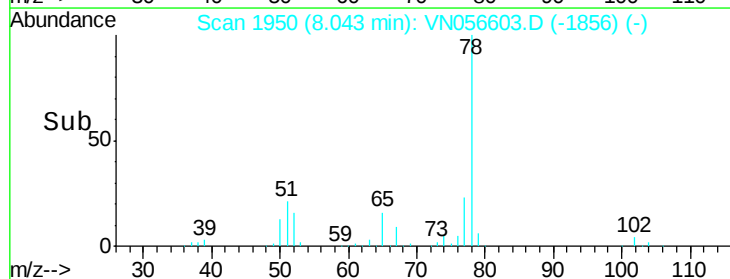
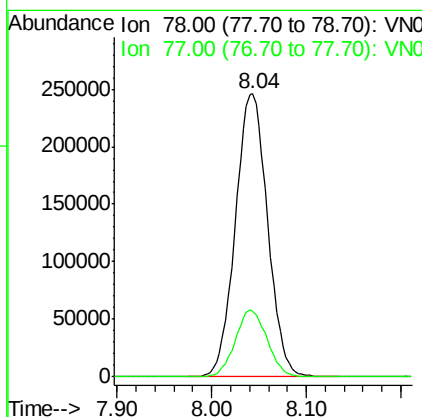
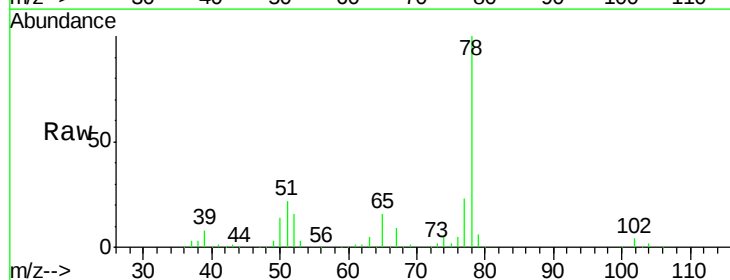
Manual Integrations
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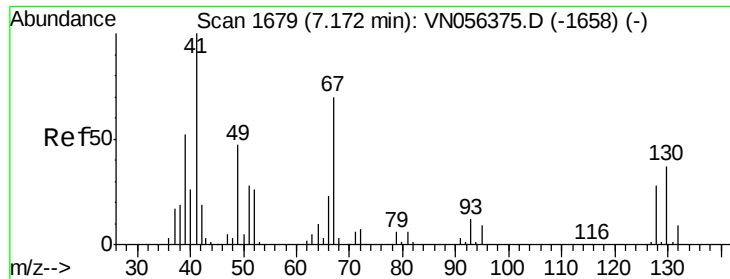
MMDadoda
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#40
Benzene
Concen: 49.050 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	78	Resp	580902
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





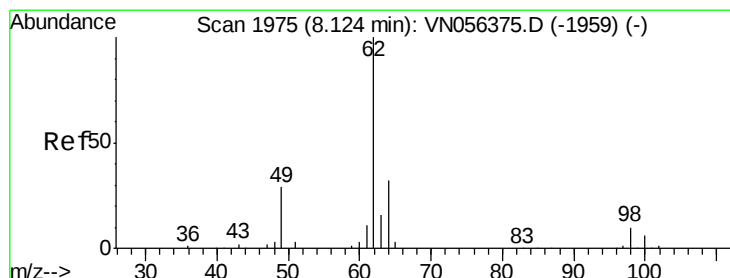
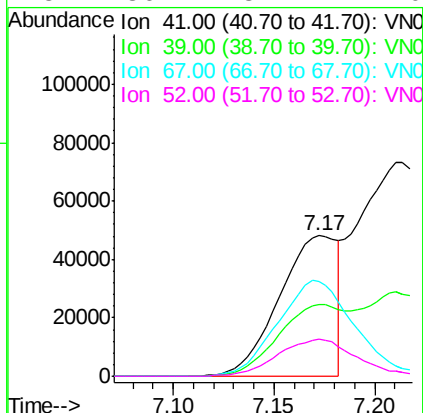
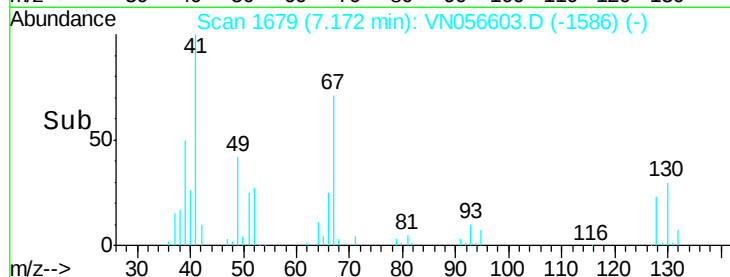
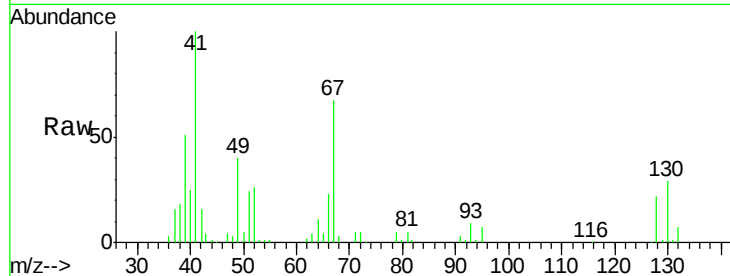
#41
Methacrylonitrile
Concen: 57.588 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	96218
Ion	Ratio	Lower	Upper
41	100		
39	60.8	55.3	82.9
67	90.3	79.2	118.8
52	36.1	31.4	47.0

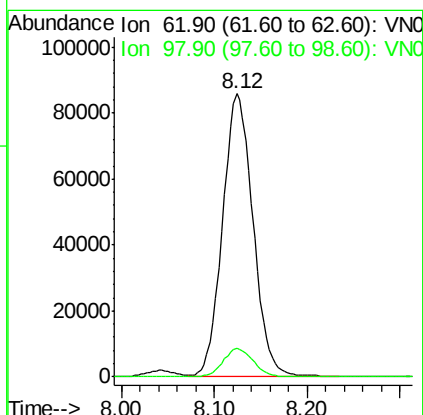
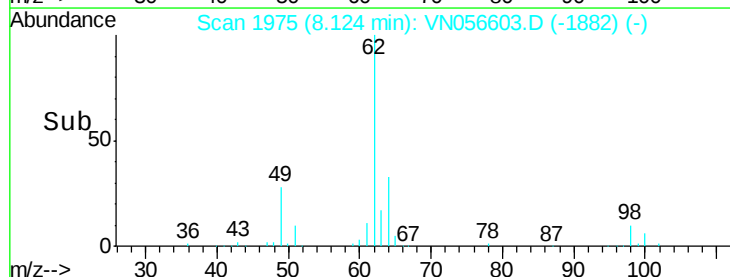
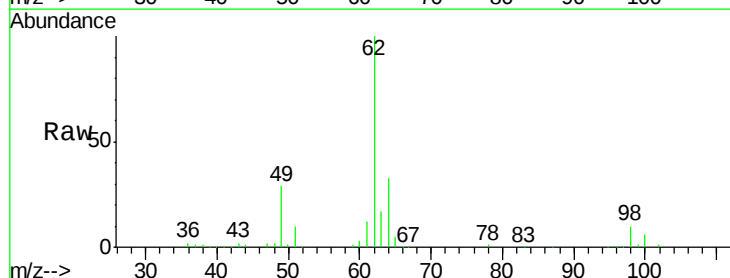
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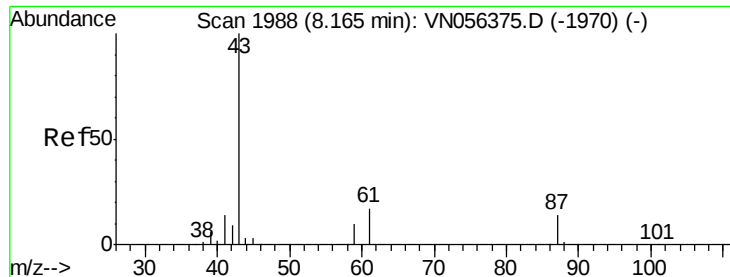
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#42
1,2-Dichloroethane
Concen: 49.931 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	62	Resp	195153
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





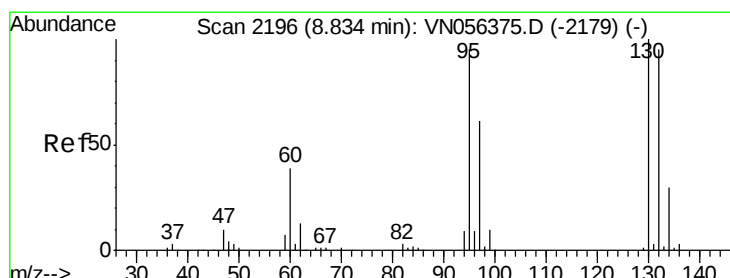
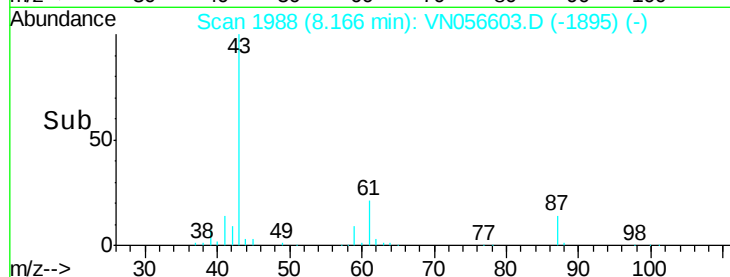
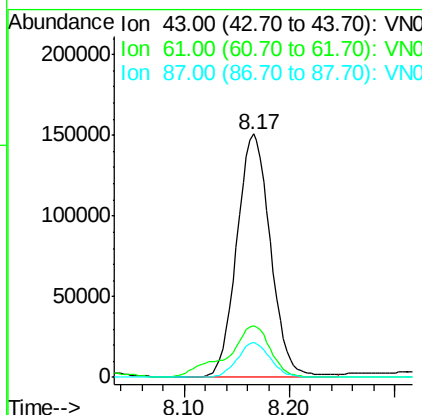
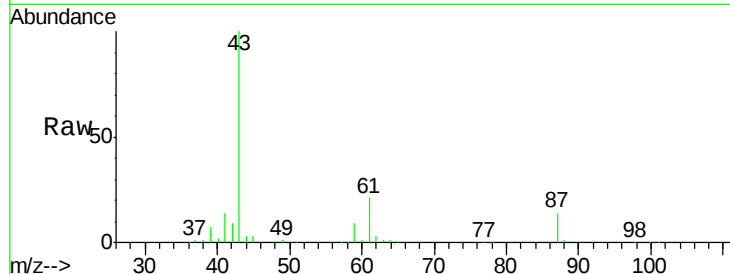
#43
Isopropyl Acetate
Concen: 57.231 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	22.0	33.0
87	13.9	11.0	16.4

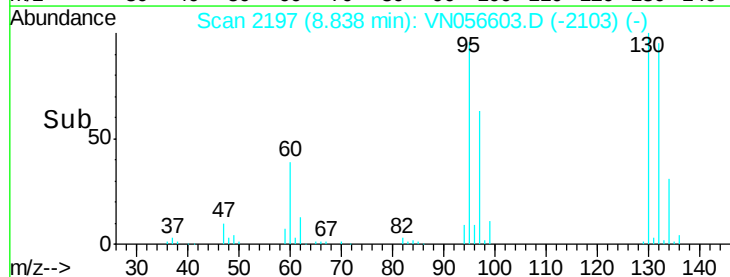
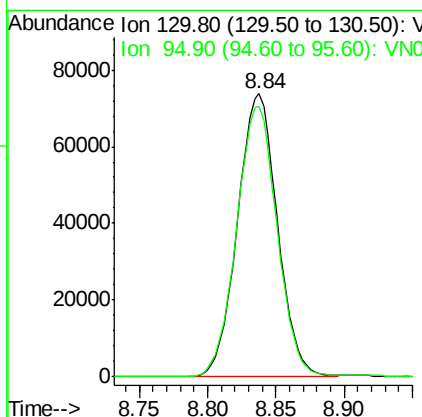
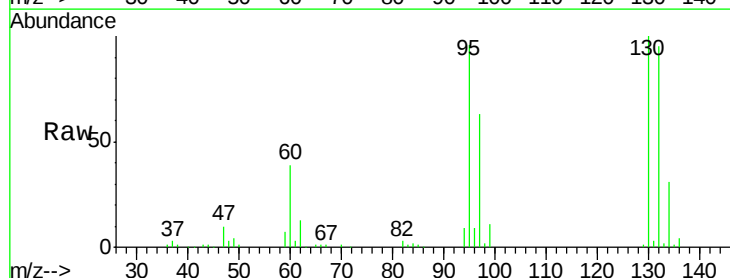
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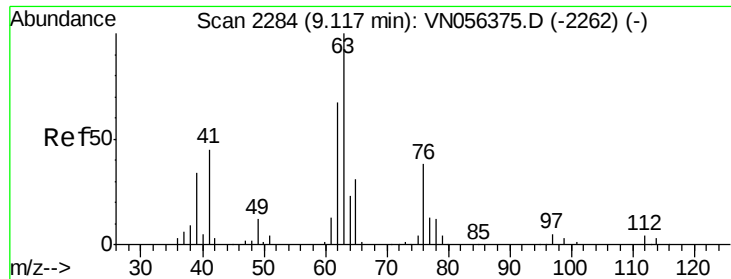
MMDadoda
7/8/2019 10:08:21 AM



#44
Trichloroethene
Concen: 47.015 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	191.0





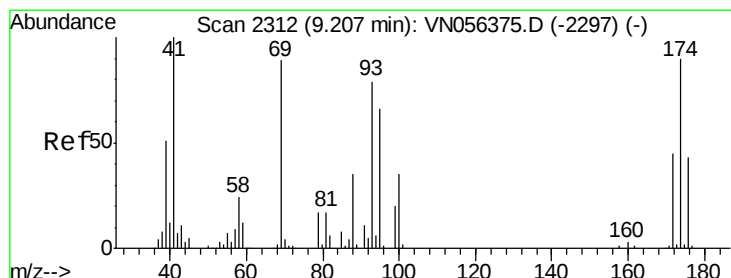
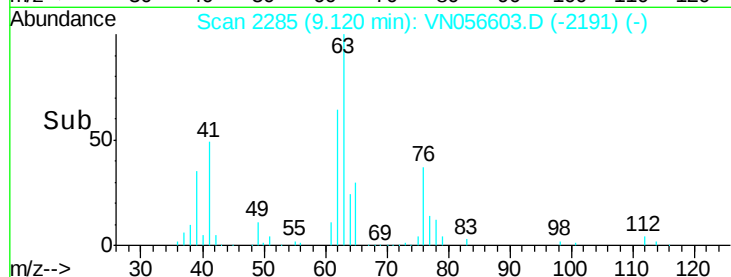
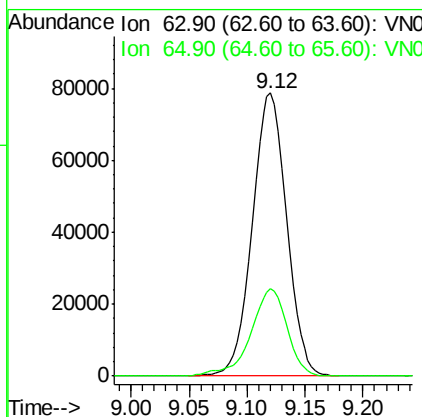
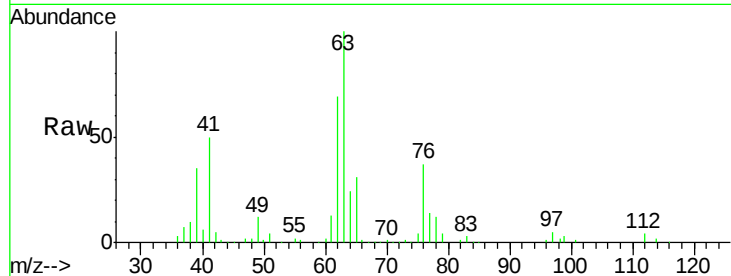
#45
 1,2-Dichloropropane
 Concen: 51.431 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 162894
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6

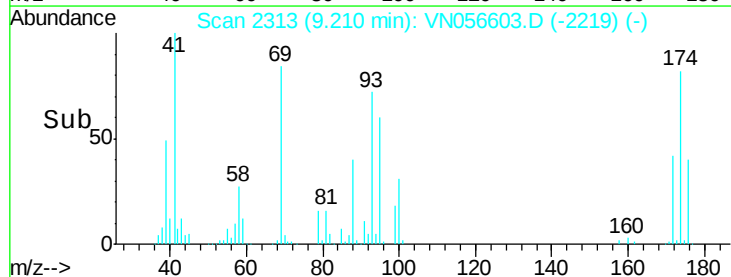
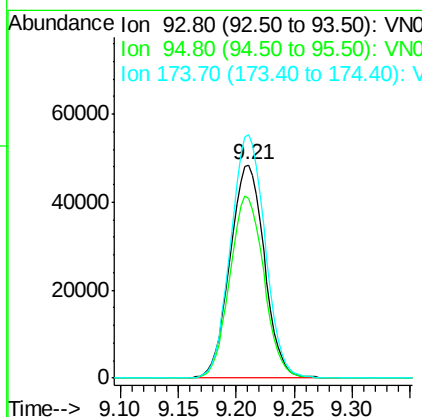
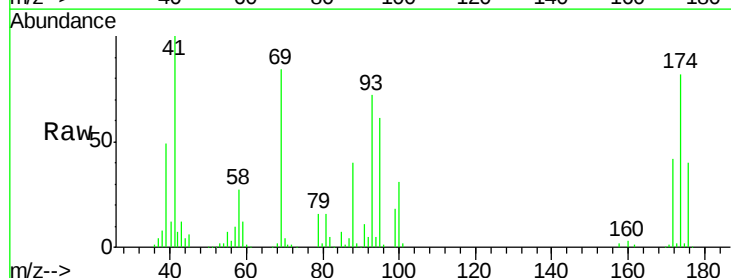
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#46
 Dibromomethane
 Concen: 50.180 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion: 93 Resp: 99434
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.2 99.2
 174 114.2 90.8 136.2





#47

Bromodichloromethane

Concen: 54.092 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

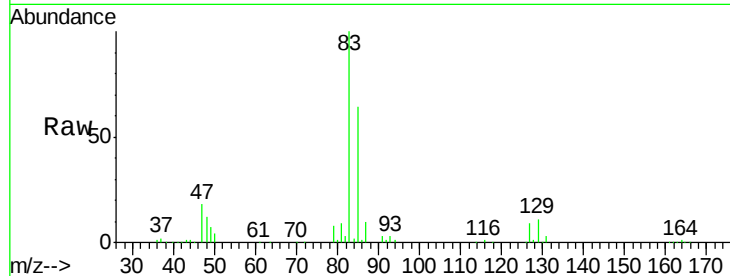
ClientSampleId :

VSTDCCC050EC

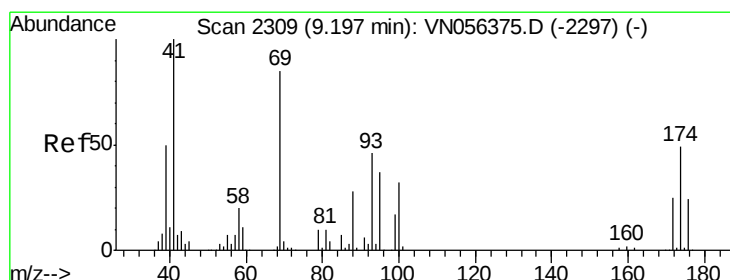
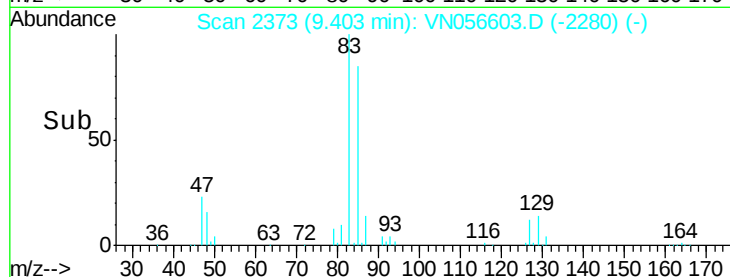
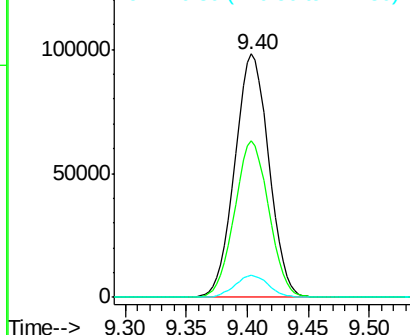
Tot Ion:	83	Resp:	190103
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.2	78.4
127	8.9	7.3	10.9

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



#48

Methyl methacrylate

Concen: 56.171 ug/l

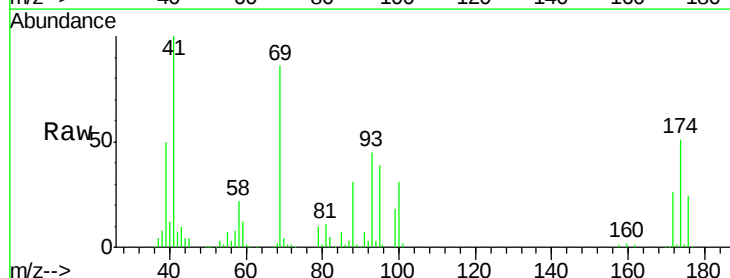
RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

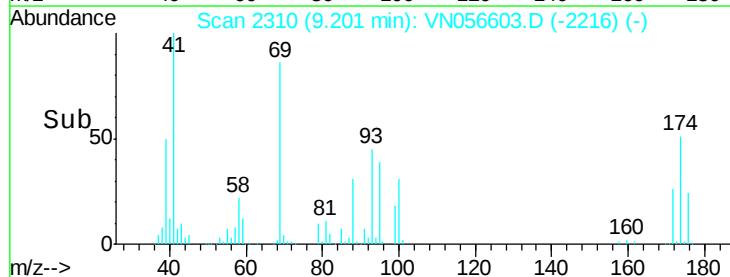
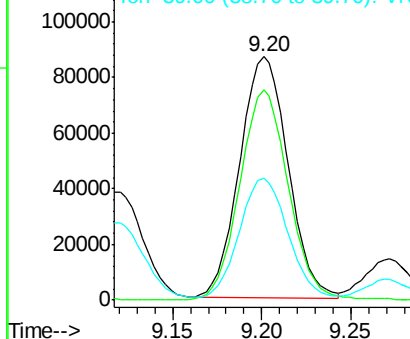
Lab File: VN056603.D

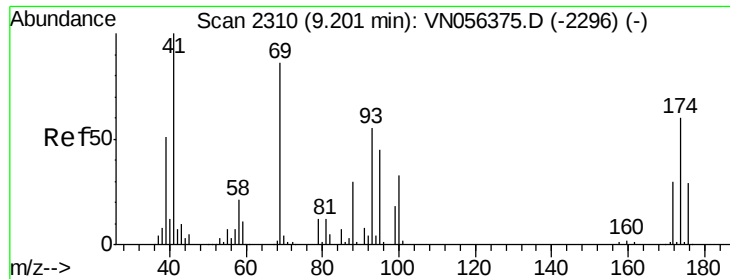
Acq: 3 Jul 2019 22:31

Tgt Ion:	41	Resp:	164227
Ion Ratio	Lower	Upper	
41	100		
69	88.3	72.6	109.0
39	51.2	42.6	63.8



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





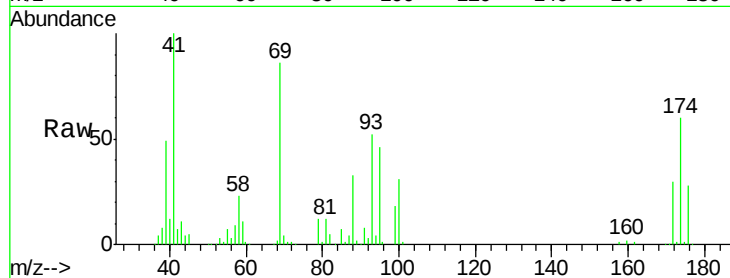
#49
 1,4-Dioxane
 Concen: 1118.578 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	67868
Ion	Ratio	Lower	Upper
88	100		
43	27.2	22.0	33.0
58	67.9	51.8	77.8

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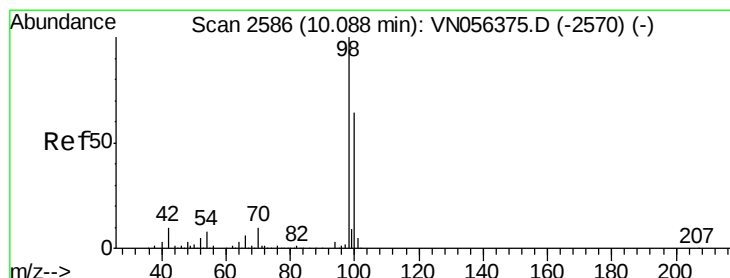
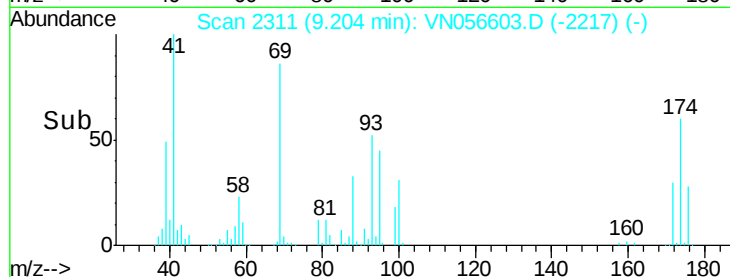
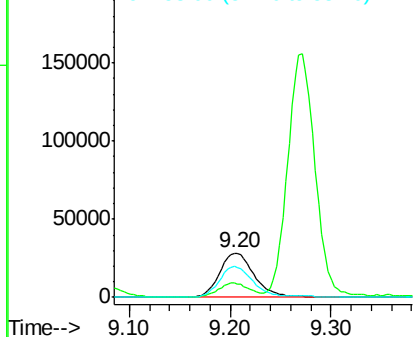


Abundance

Ion 88.00 (87.70 to 88.70): VN056603.D (-2217) (-)

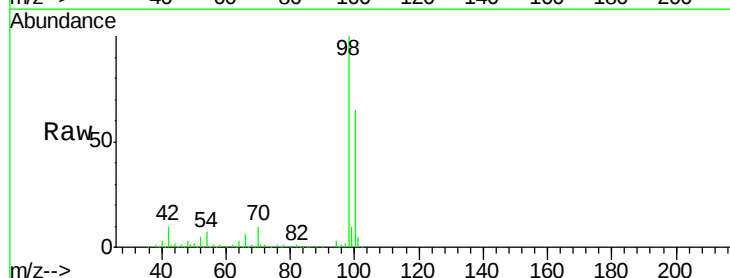
Ion 43.00 (42.70 to 43.70): VN056603.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN056603.D (-2217) (-)



#50
 Toluene-d8
 Concen: 48.663 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

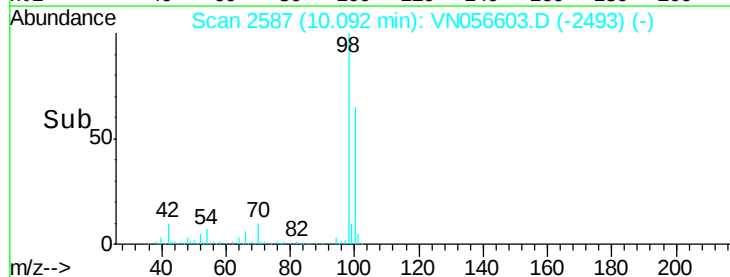
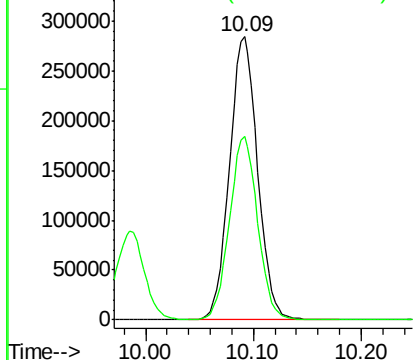
Tgt Ion	98	Resp	516708
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

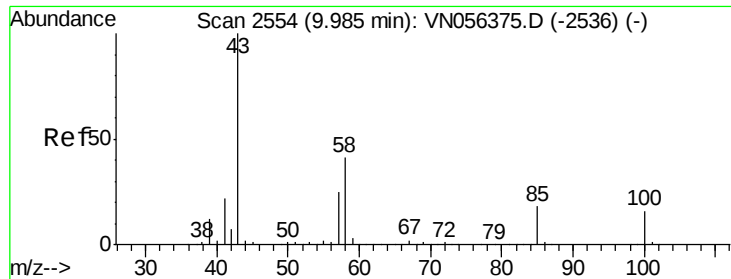


Abundance

Ion 98.00 (97.70 to 98.70): VN056603.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN056603.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 291.012 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1095867

Ion Ratio Lower Upper

43 100

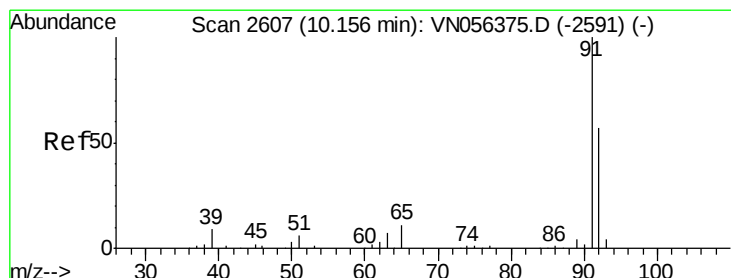
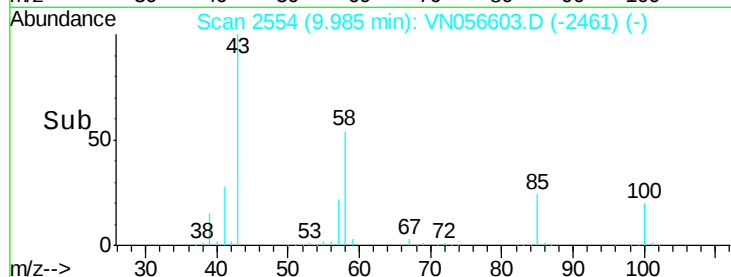
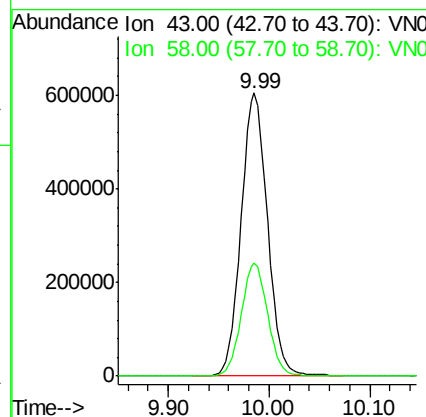
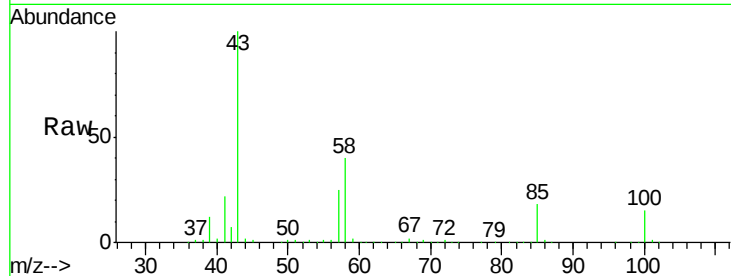
58 39.9 31.8 47.8

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#52

Toluene

Concen: 49.699 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056603.D

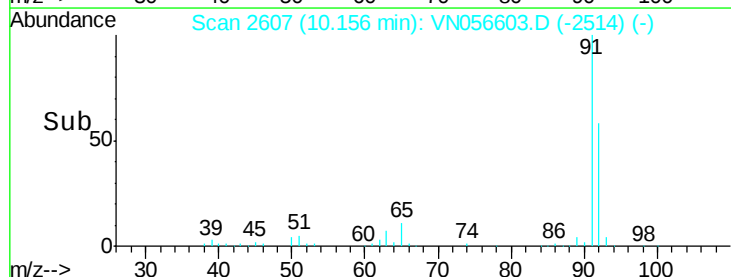
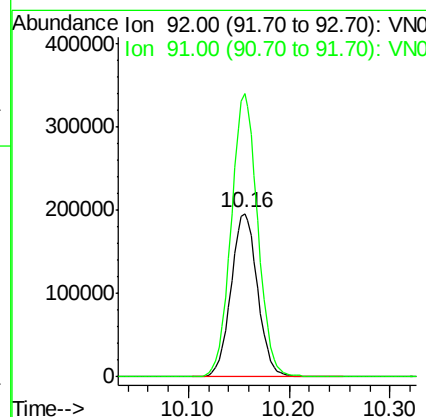
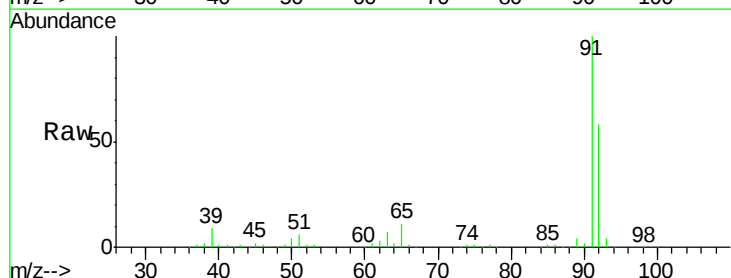
Acq: 3 Jul 2019 22:31

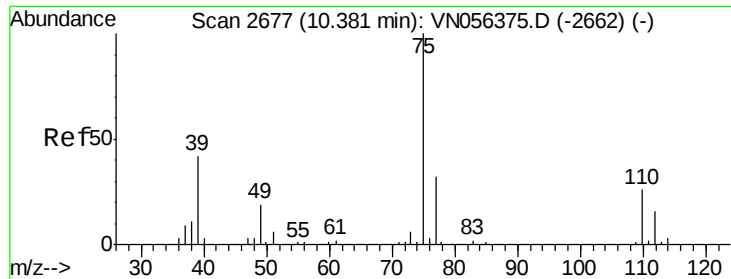
Tgt Ion: 92 Resp: 359846

Ion Ratio Lower Upper

92 100

91 172.9 140.6 211.0





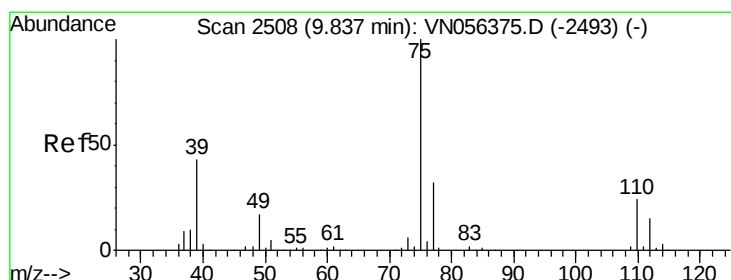
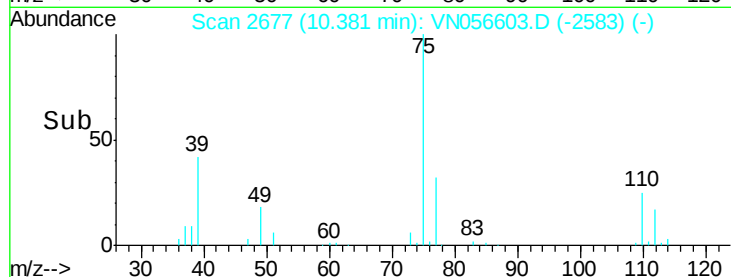
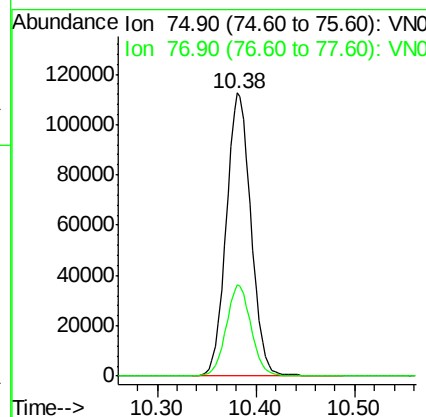
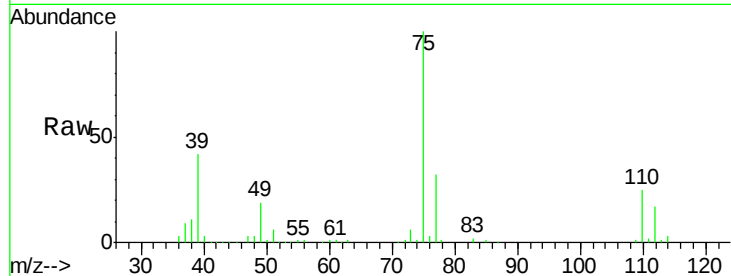
#53
t-1,3-Dichloropropene
Concen: 48.398 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 197703
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

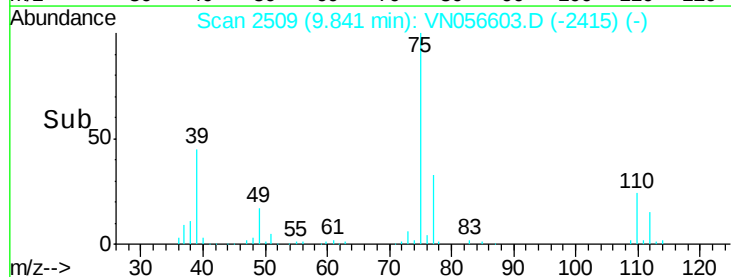
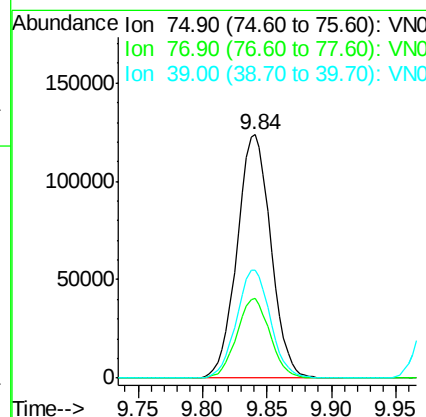
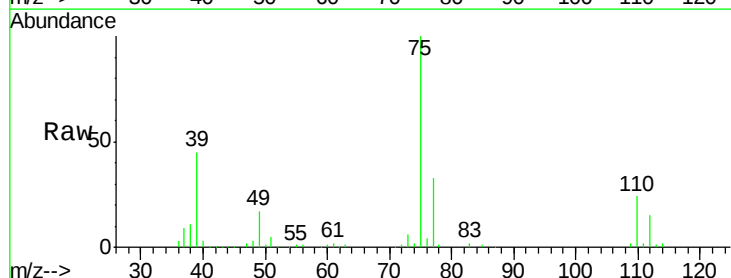
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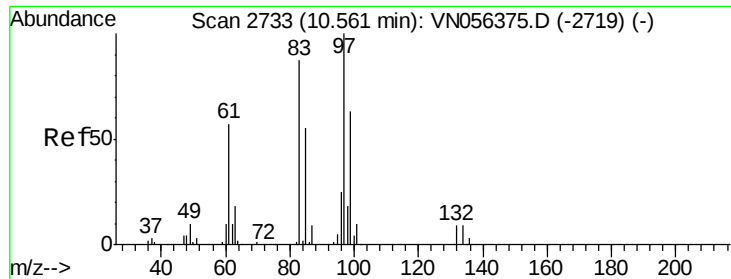
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#54
cis-1,3-Dichloropropene
Concen: 53.391 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion: 75 Resp: 225962
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 44.5 34.2 51.4





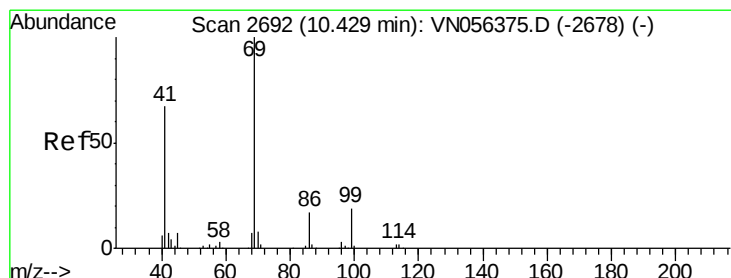
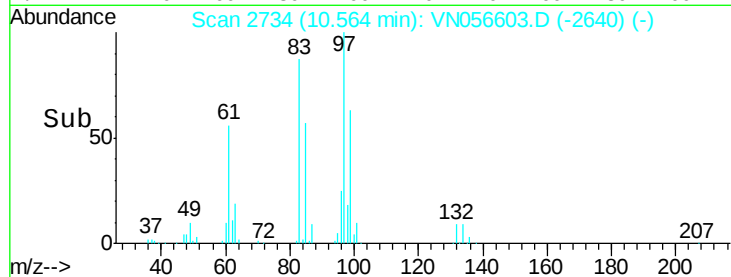
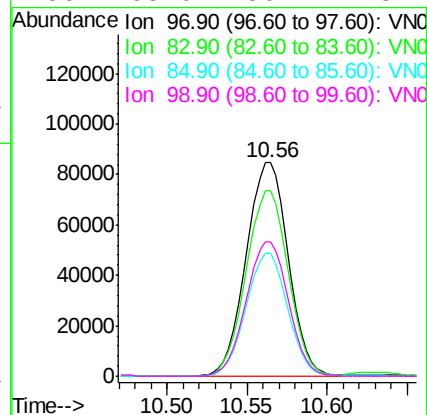
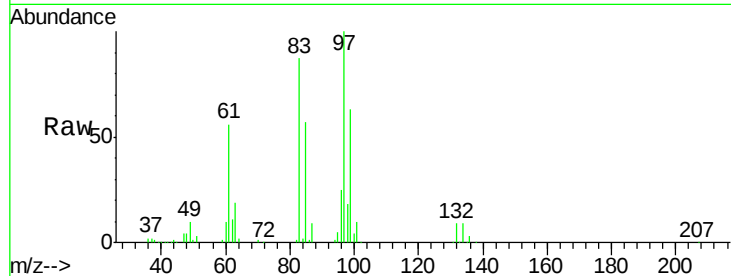
#55
 1,1,2-Trichloroethane
 Concen: 52.394 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152487
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.8	104.6
85	57.3	43.8	65.8
99	63.0	50.2	75.2

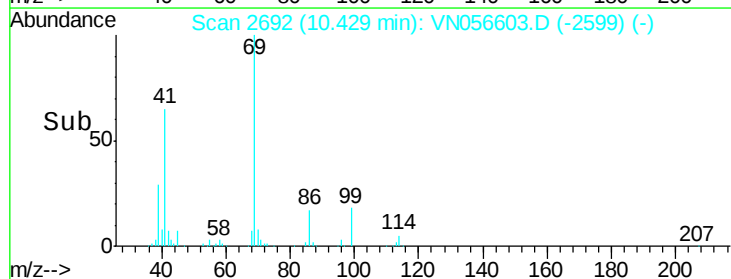
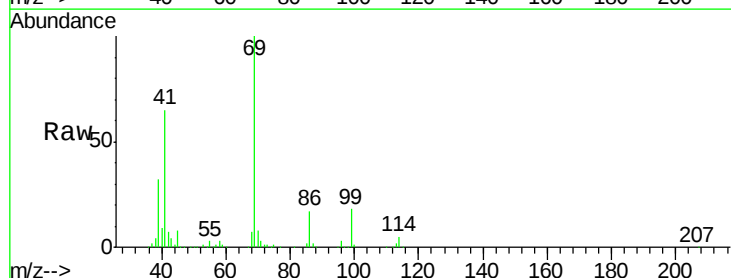
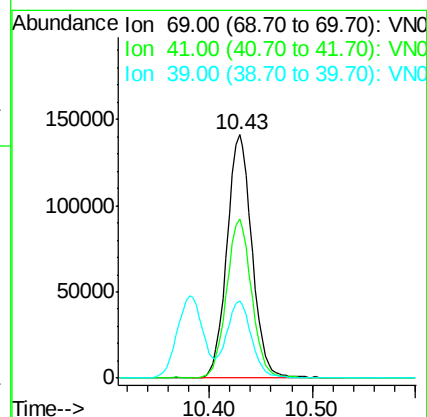
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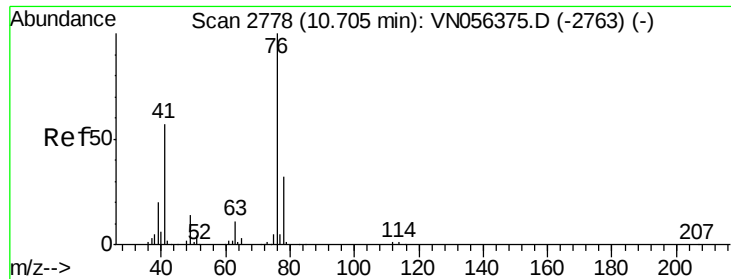
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#56
 Ethyl methacrylate
 Concen: 56.141 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion:	69	Resp:	238788
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.4	77.2
39	31.0	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.396 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 256182

Ion Ratio Lower Upper

76 100

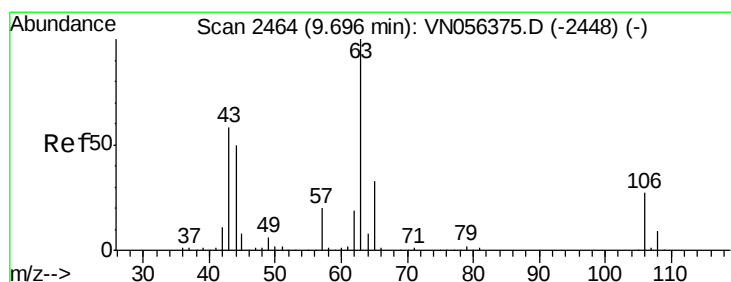
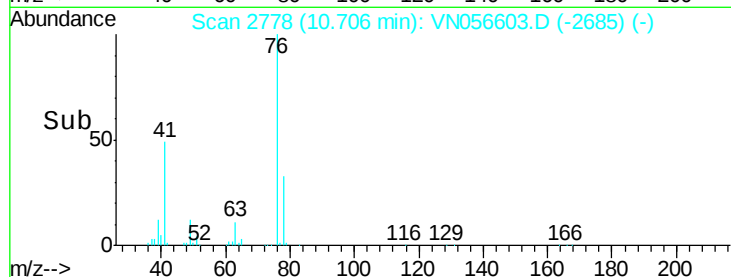
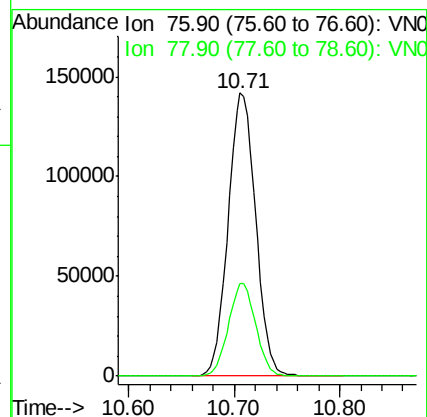
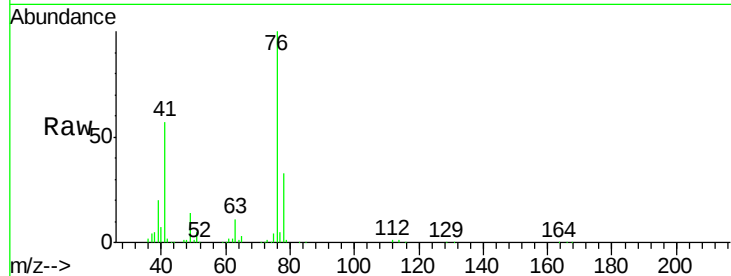
78 32.3 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 391.764 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056603.D

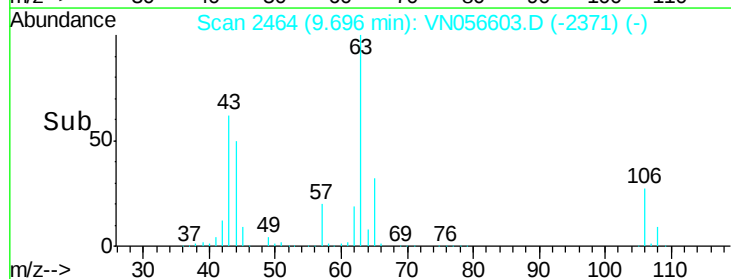
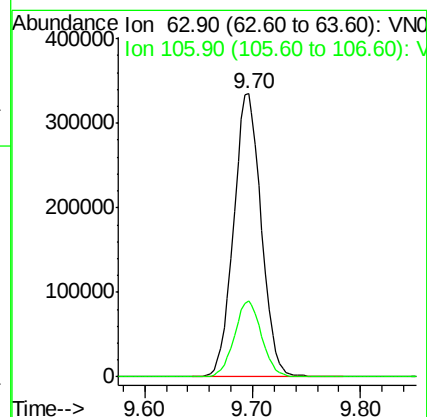
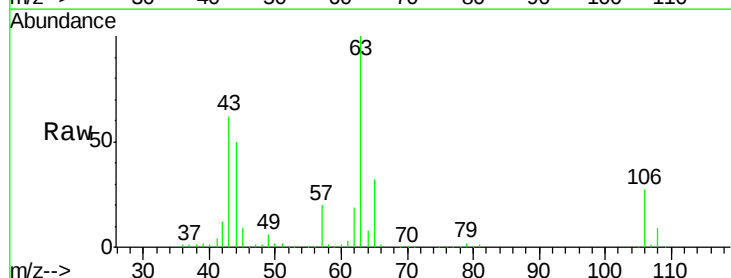
Acq: 3 Jul 2019 22:31

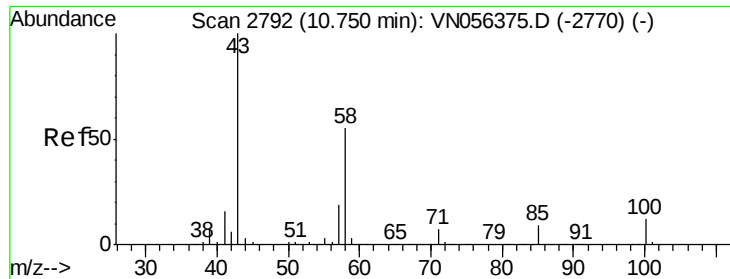
Tgt Ion: 63 Resp: 598623

Ion Ratio Lower Upper

63 100

106 26.4 21.6 32.4





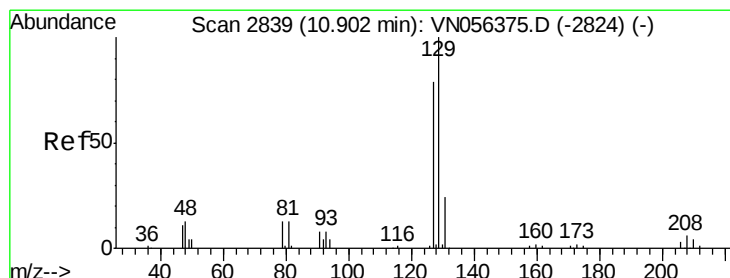
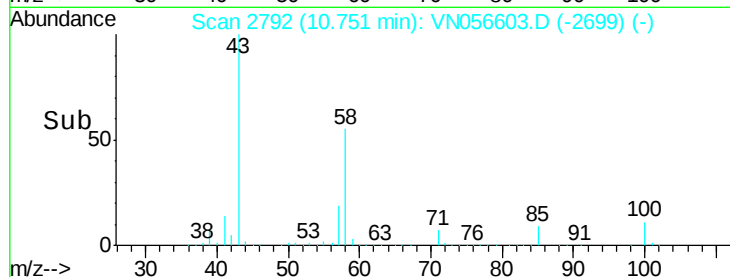
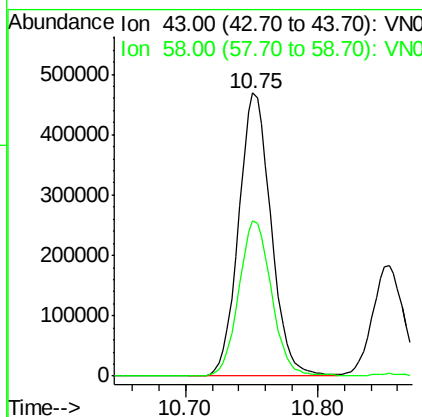
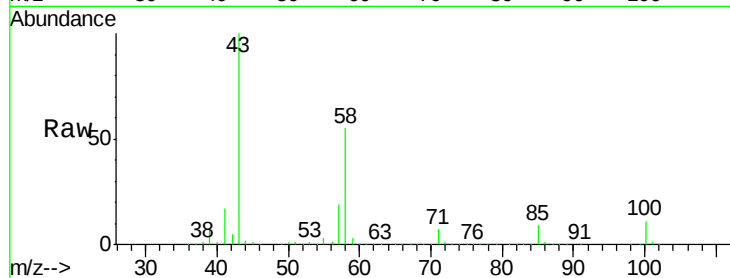
#59
2-Hexanone
Concen: 287.229 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 794955
Ion Ratio Lower Upper
43 100
58 55.7 27.8 83.4

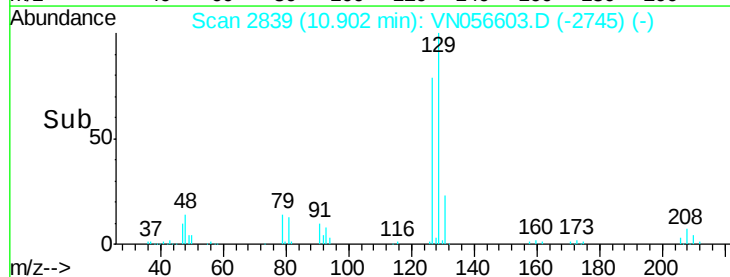
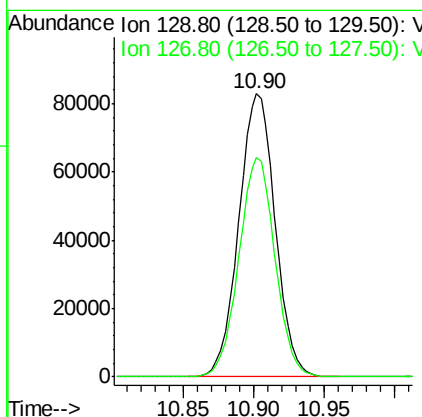
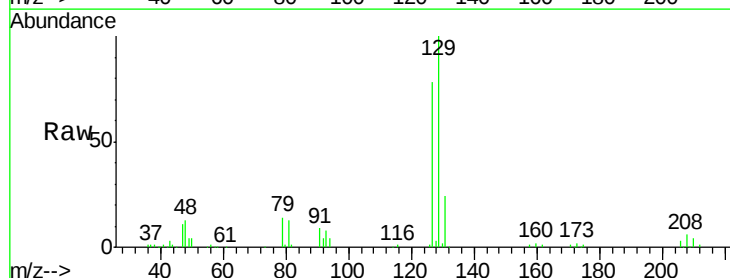
Manual Integrations
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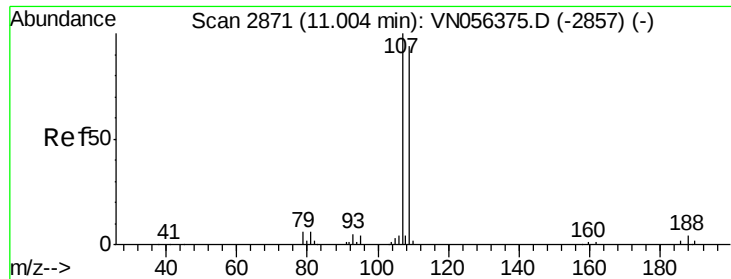
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#60
Dibromochloromethane
Concen: 50.059 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion: 129 Resp: 149762
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





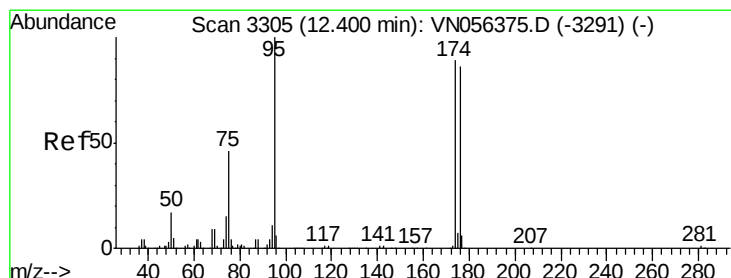
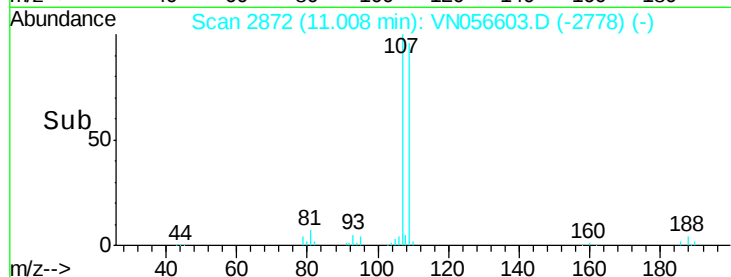
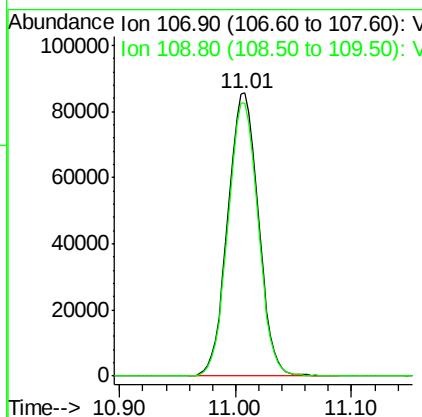
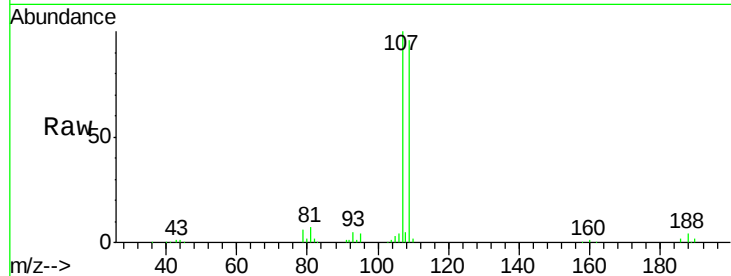
#61
 1,2-Dibromoethane
 Concen: 52.464 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	155949		
109	95.4	75.3	112.9	

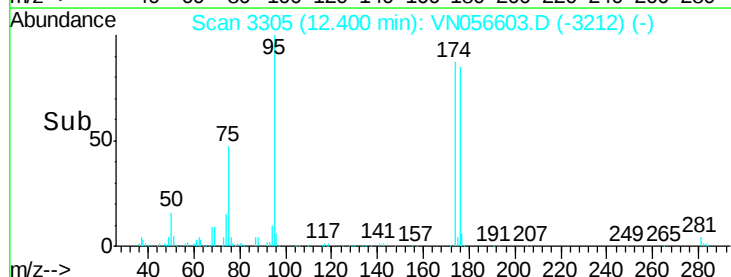
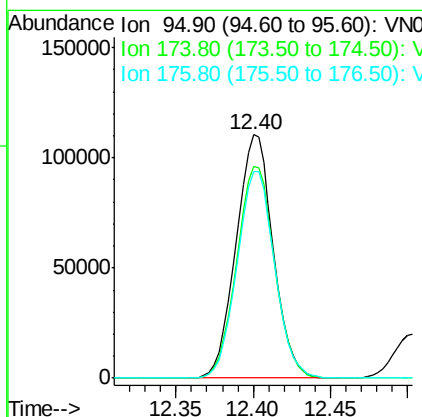
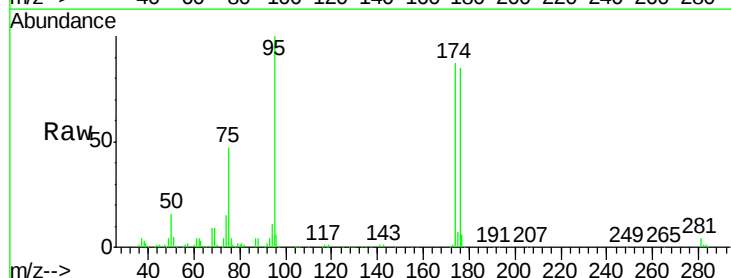
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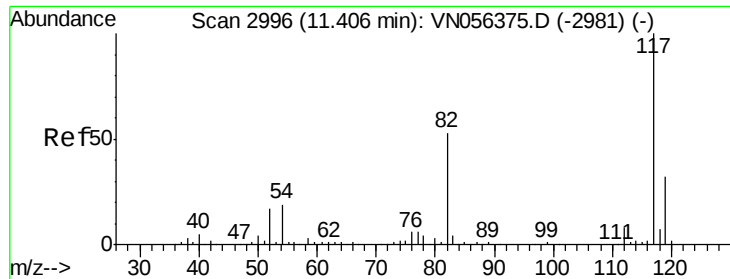
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#62
 4-Bromofluorobenzene
 Concen: 51.924 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	183791		
174	88.7	0.0	179.4	
176	86.3	0.0	173.4	





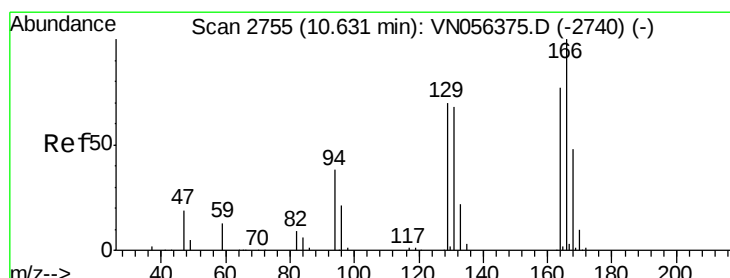
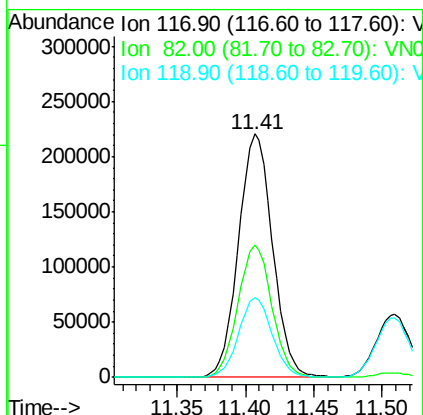
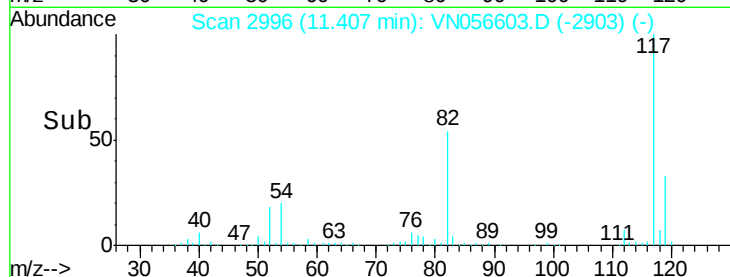
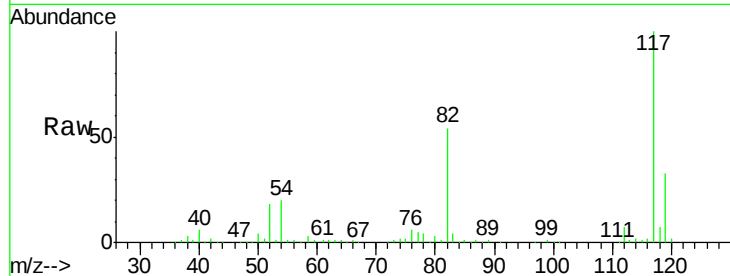
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.0	63.0
119	32.6	25.3	37.9

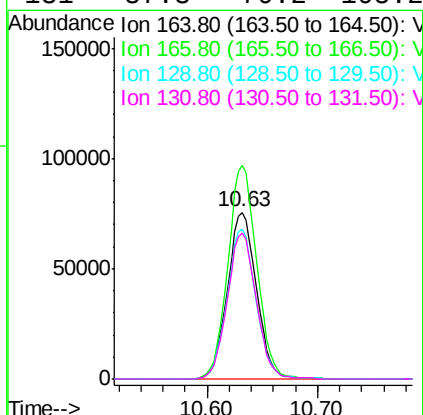
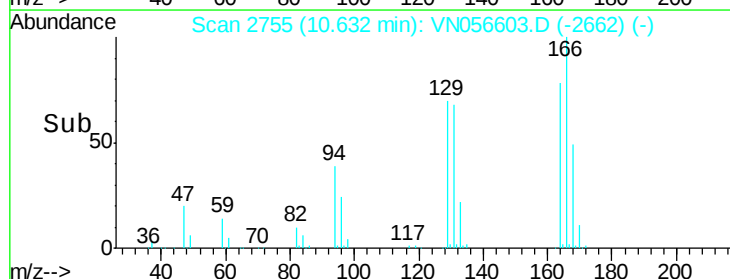
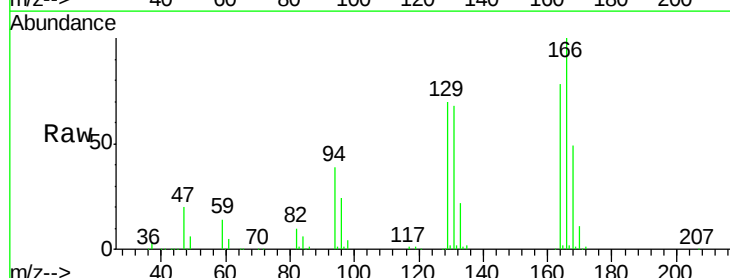
Manual Integrations
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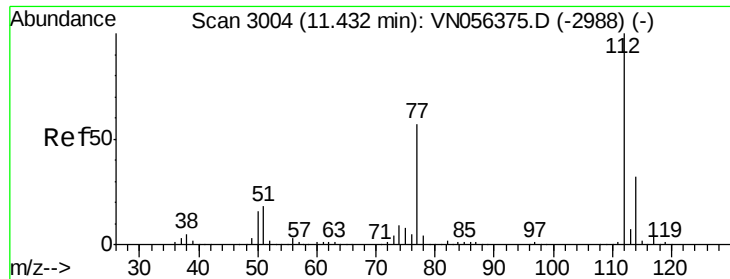
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#64
Tetrachloroethene
Concen: 45.488 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.4	155.0
129	89.5	72.0	108.0
131	87.3	70.2	105.2





#65

Chlorobenzene

Concen: 50.240 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 387121

Ion Ratio Lower Upper

112 100

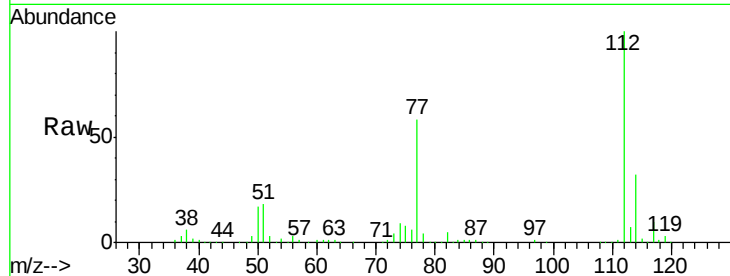
114 31.9 25.4 38.2

Manual Integrations

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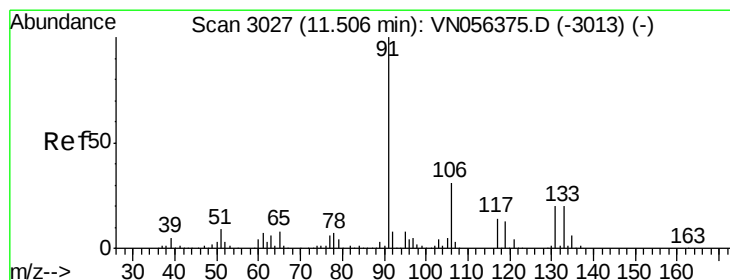
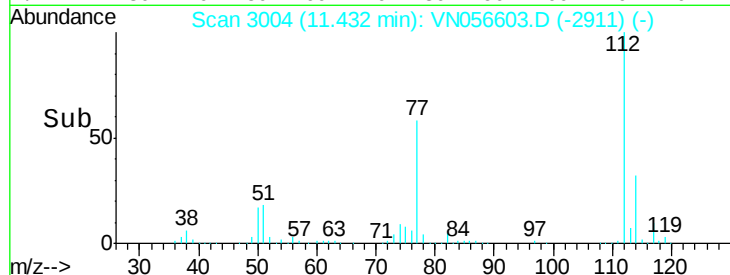
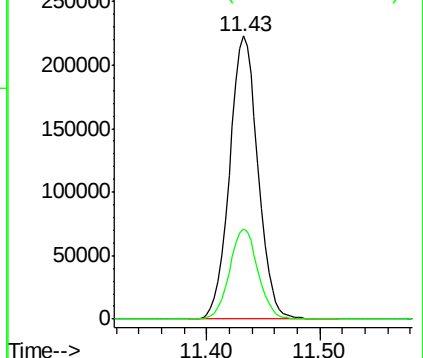
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.295 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

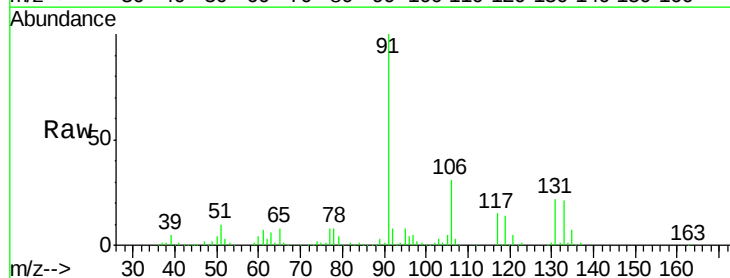
Tgt Ion:131 Resp: 144003

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.2

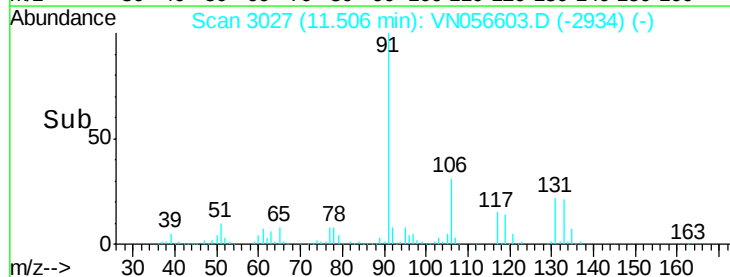
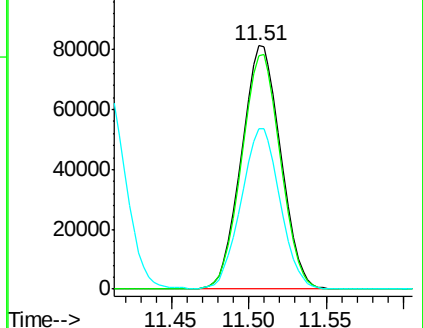
119 65.4 32.8 98.4

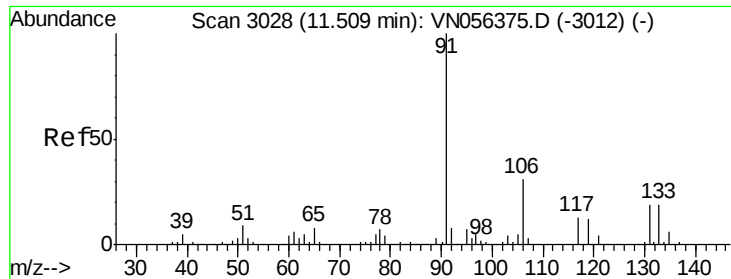


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





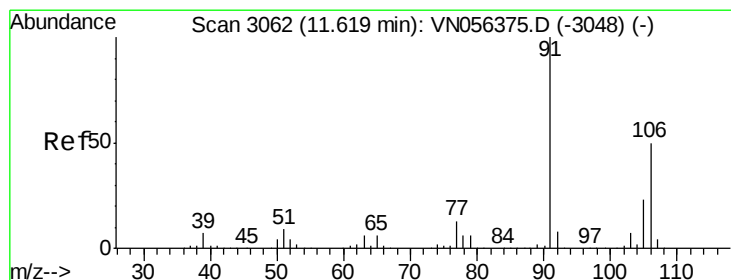
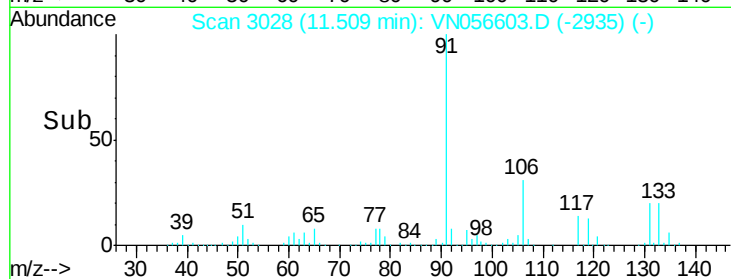
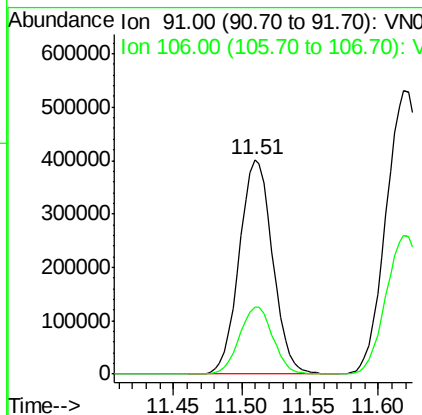
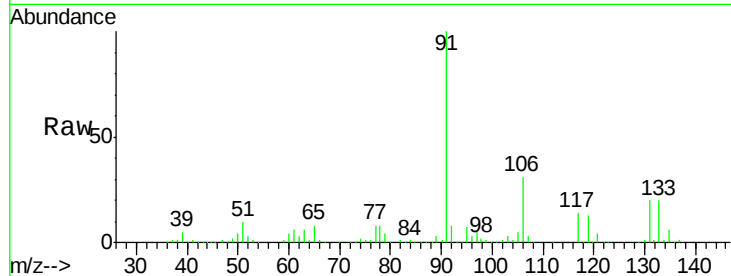
#67
Ethyl Benzene
Concen: 50.415 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 682095
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

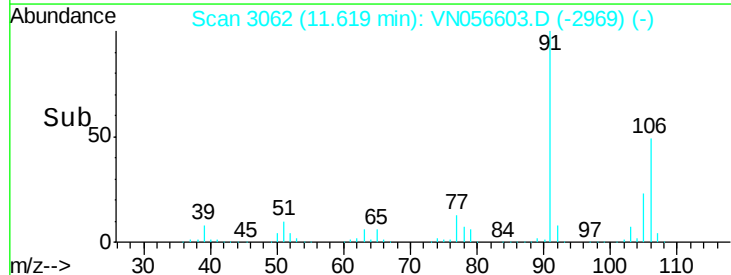
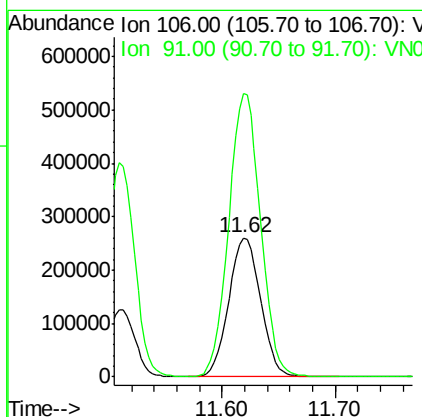
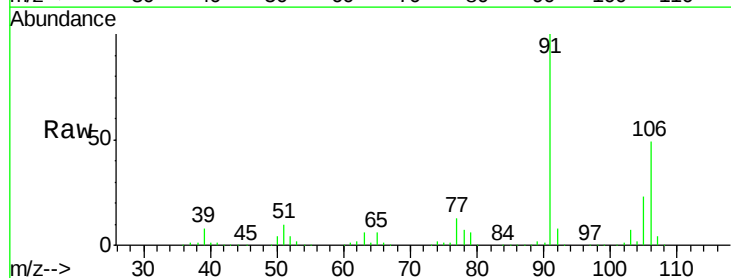
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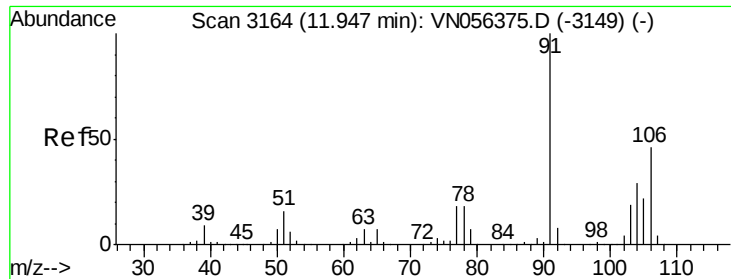
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#68
m/p-Xylenes
Concen: 102.943 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion: 106 Resp: 510424
Ion Ratio Lower Upper
106 100
91 203.0 160.1 240.1





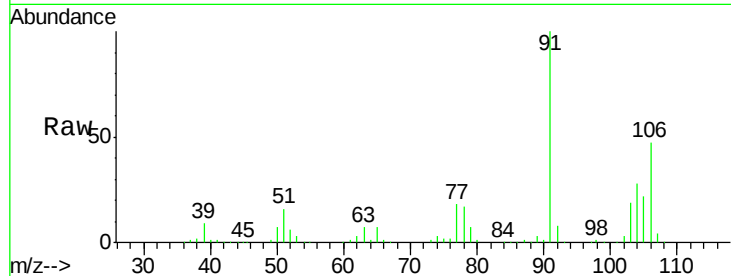
#69
o-Xylene
Concen: 51.896 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

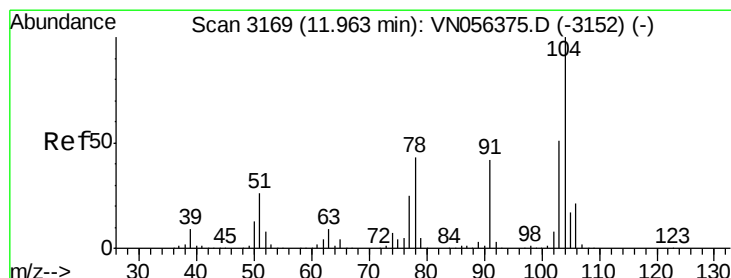
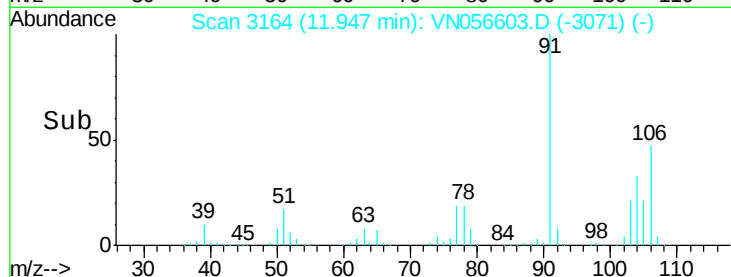
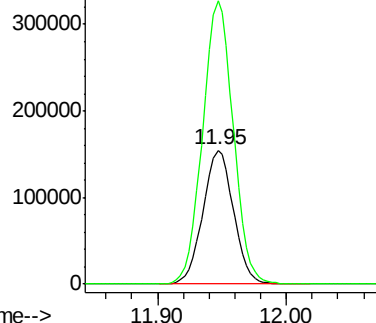
Tot Ion:106 Resp: 254571
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.3

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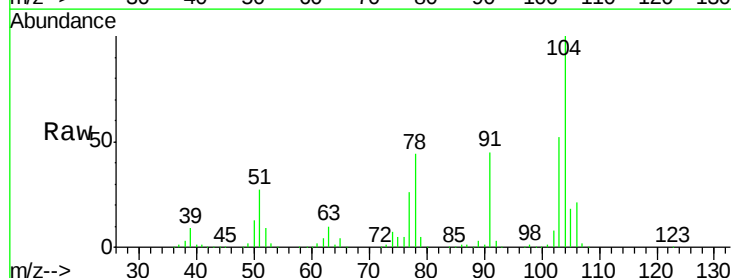


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

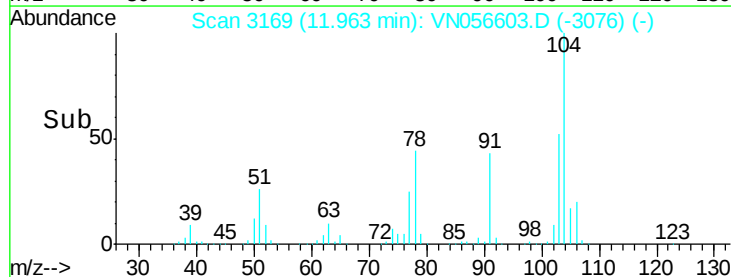
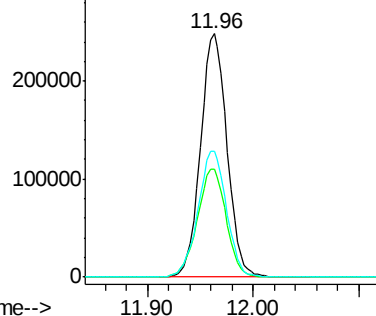


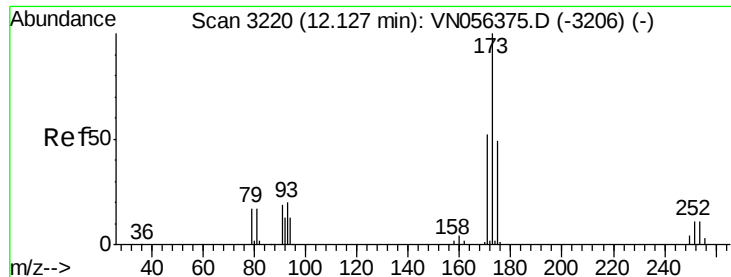
#70
Styrene
Concen: 54.760 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion:104 Resp: 429367
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.8 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.470 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 108342

Ion Ratio Lower Upper

173 100

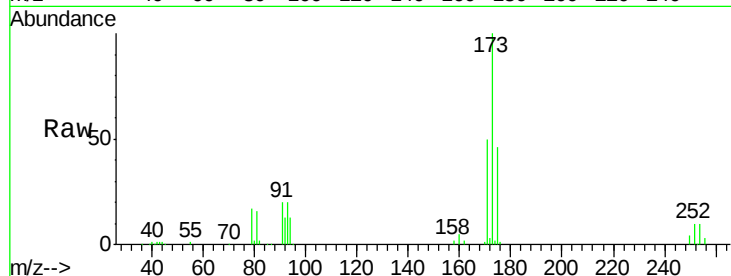
175 47.8 24.4 73.4

254 0.0 0.0 0.0

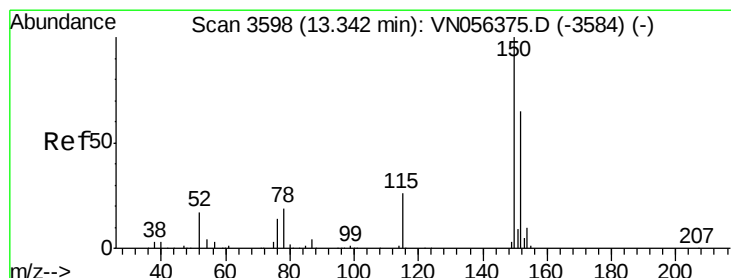
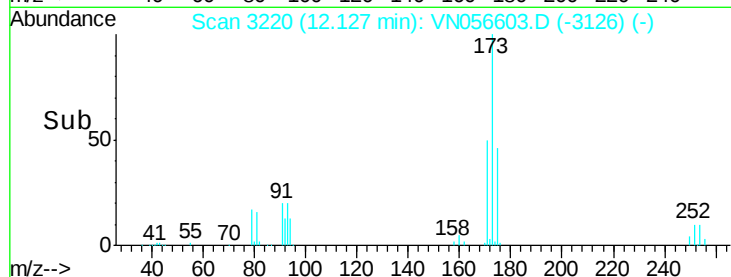
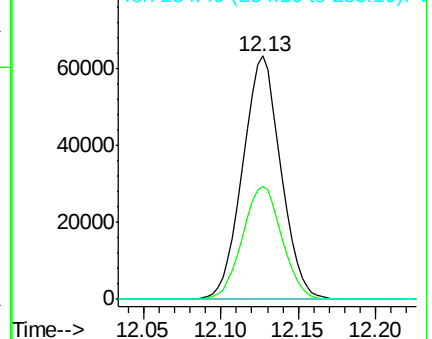
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

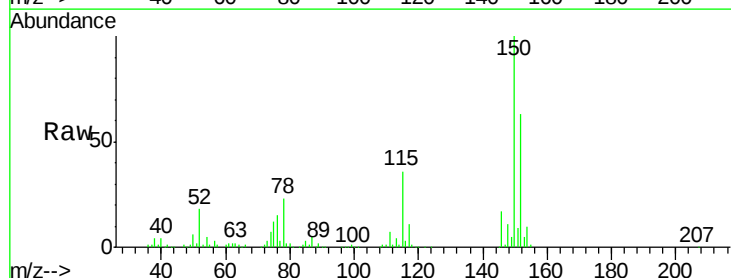
Tgt Ion:152 Resp: 178160

Ion Ratio Lower Upper

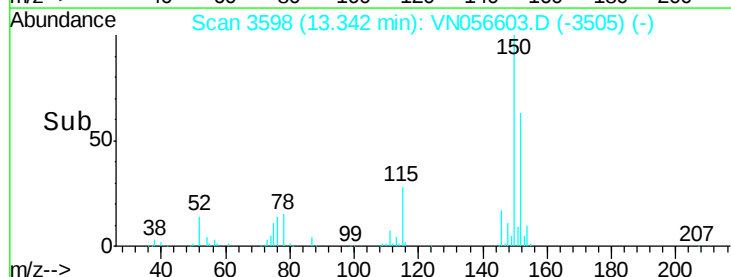
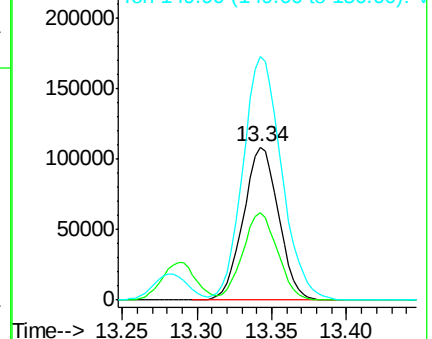
152 100

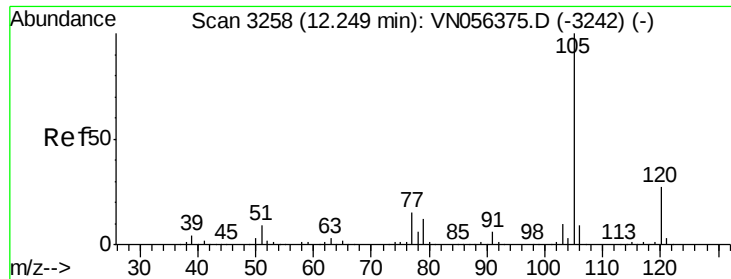
115 56.3 28.1 84.4

150 174.7 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.048 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 669693

Ion Ratio Lower Upper

105 100

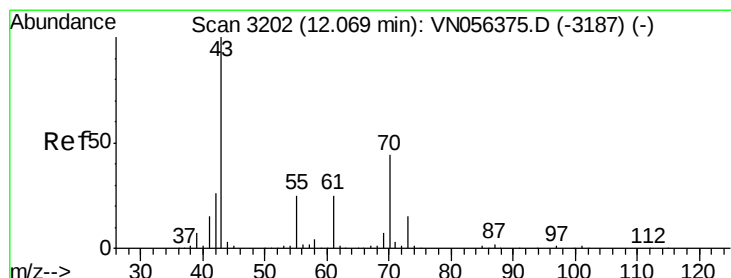
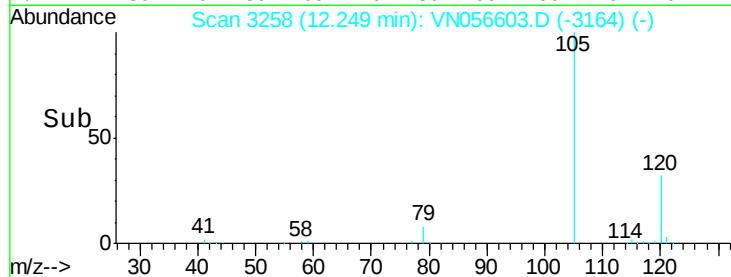
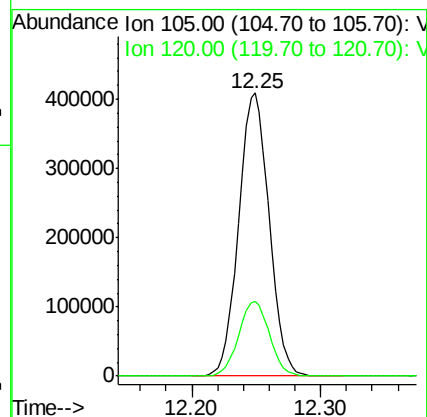
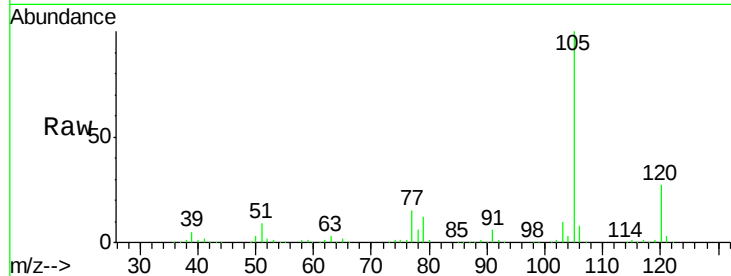
120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 49.421 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Tgt Ion: 43 Resp: 280220

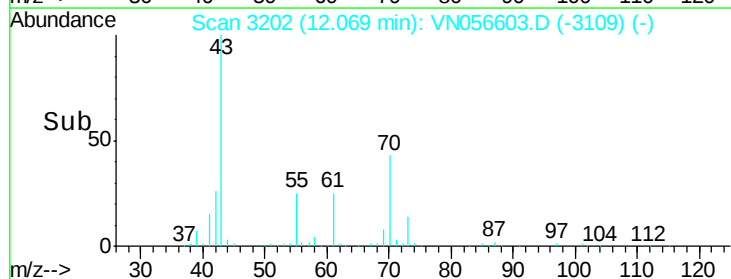
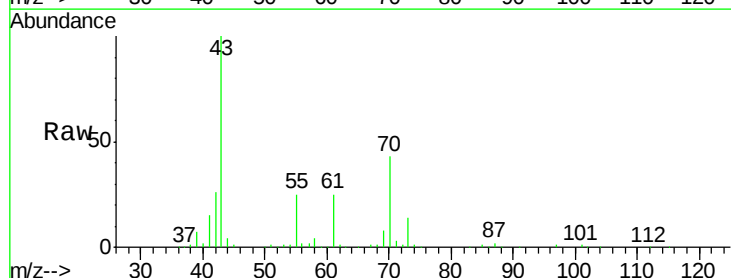
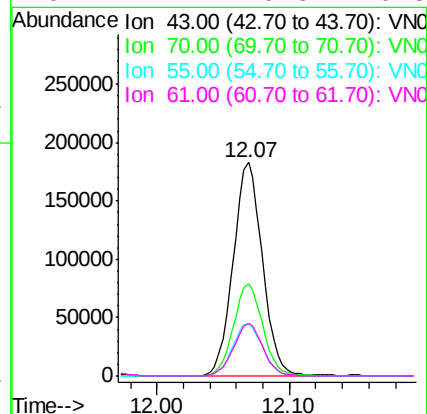
Ion Ratio Lower Upper

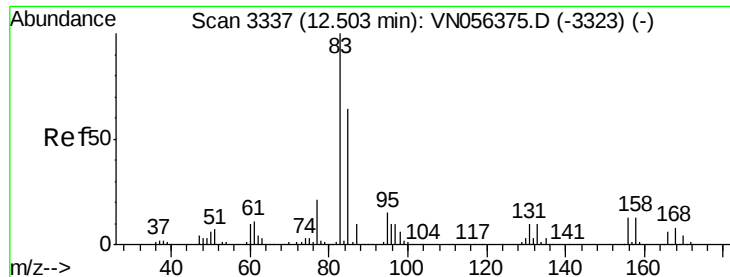
43 100

70 43.3 34.9 52.3

55 25.4 20.4 30.6

61 24.7 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.780 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

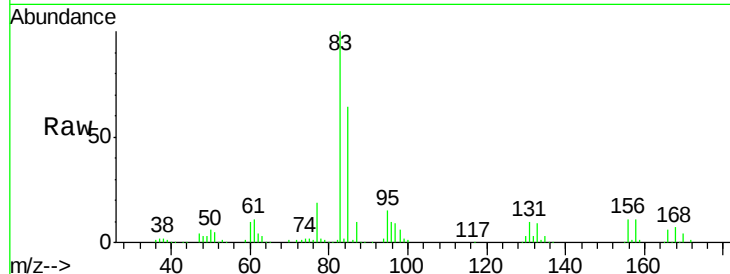
ClientSampleId :

VSTDCCC050EC

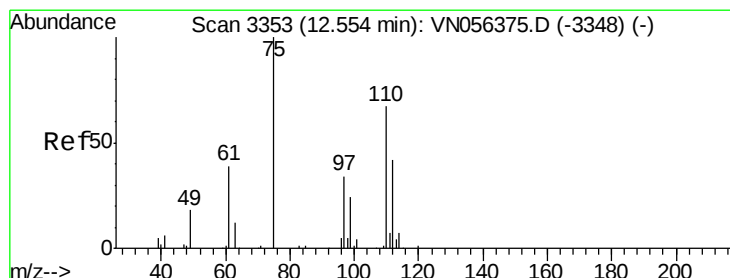
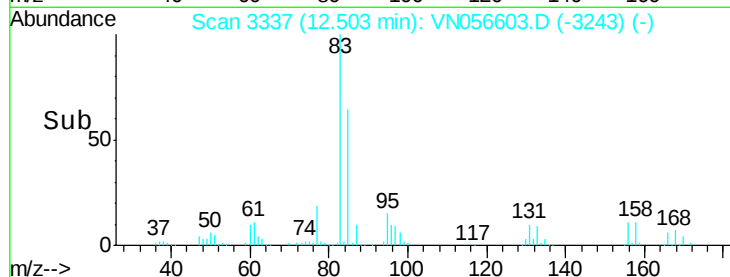
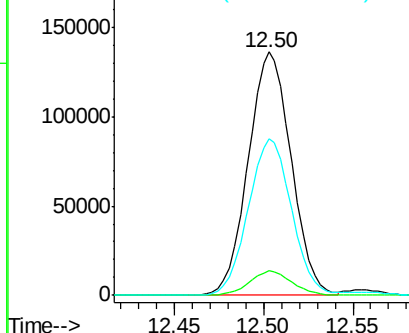
Tot Ion:	83	Resp:	229610
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	64.6	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 49.999 ug/l m

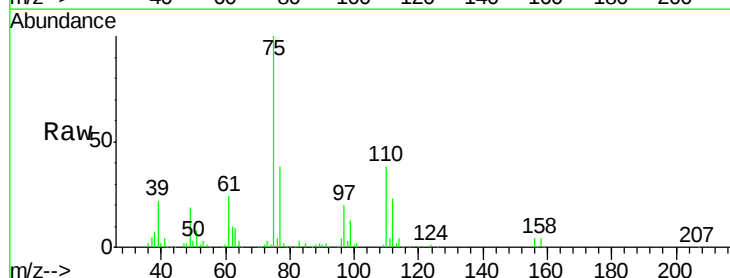
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

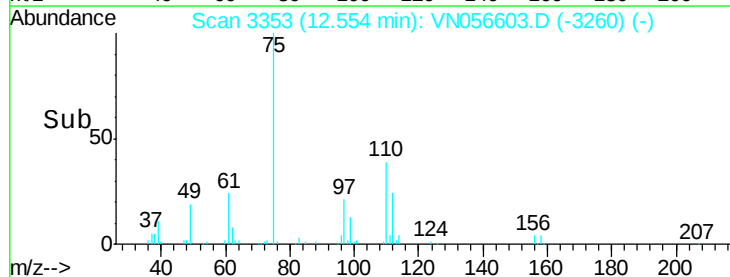
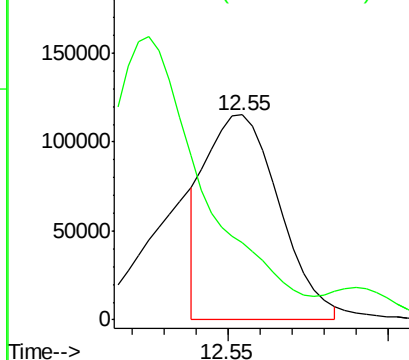
Lab File: VN056603.D

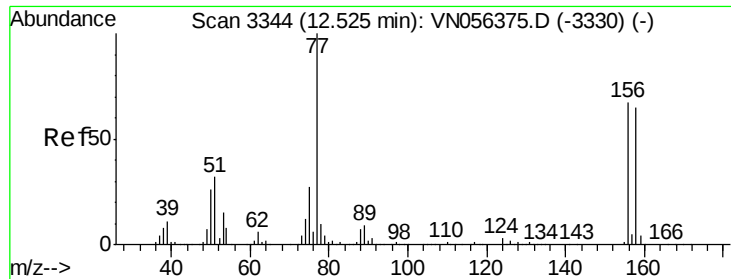
Acq: 3 Jul 2019 22:31

Tgt Ion:	75	Resp:	184704
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 44.016 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

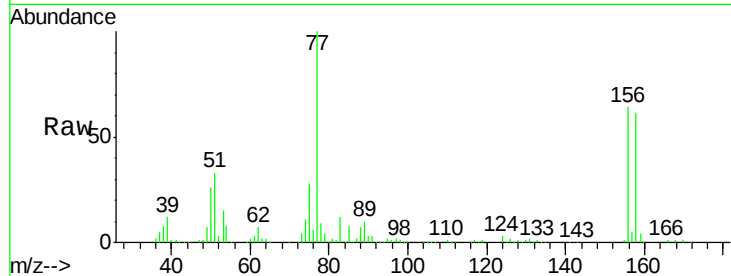
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	194.2		92.5	277.3	
158	97.8		48.7	146.1	

Manual Integrations
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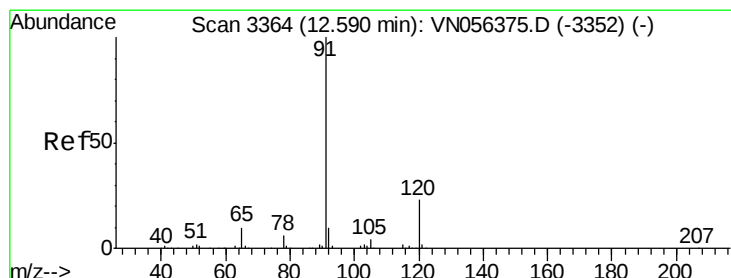
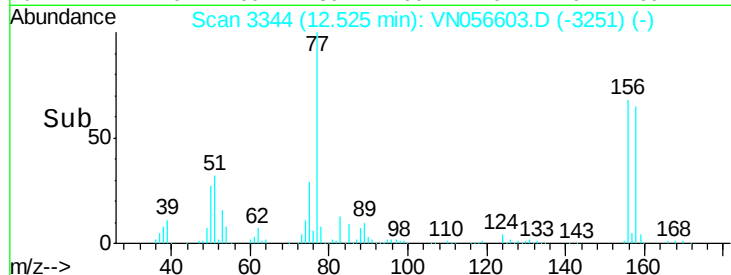
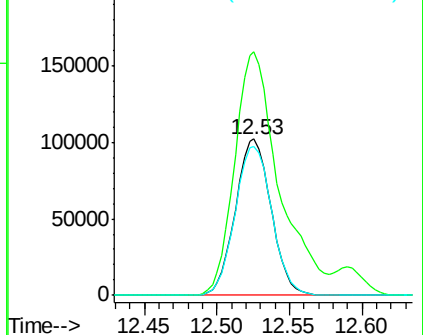
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.156 ug/l

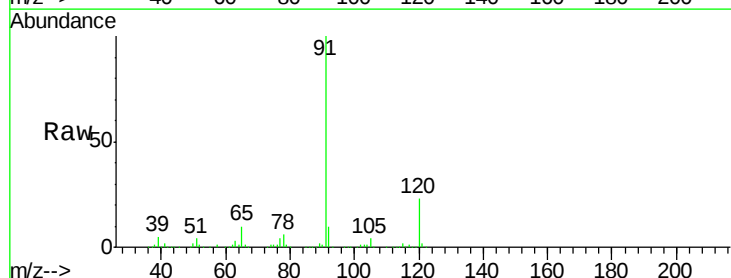
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056603.D

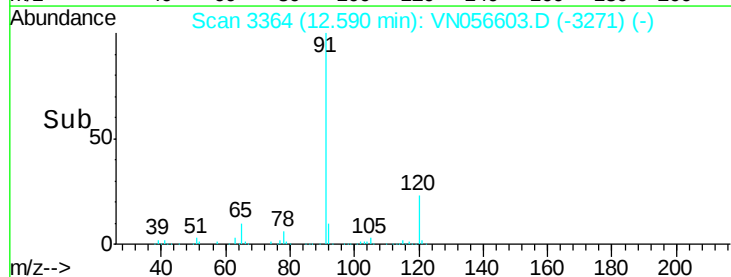
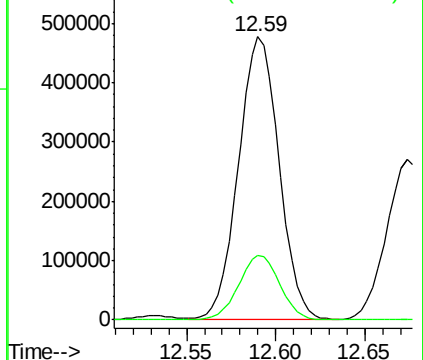
Acq: 3 Jul 2019 22:31

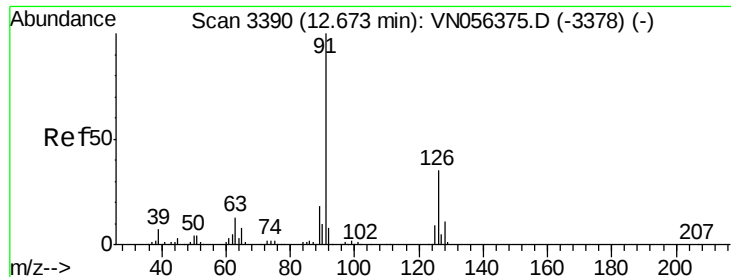
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.2		11.8	35.4	



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.146 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 448553

Ion Ratio Lower Upper

91 100

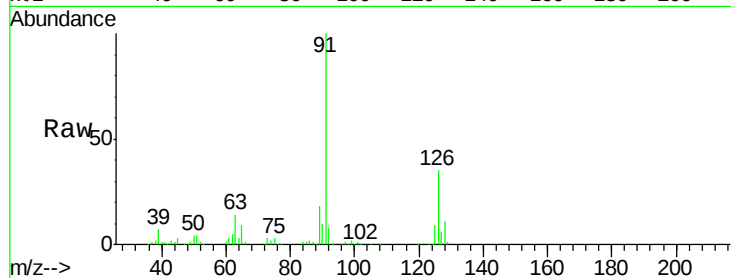
126 35.2 17.6 52.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)

400000

300000

200000

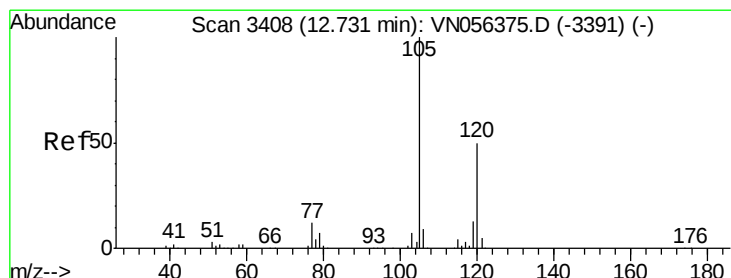
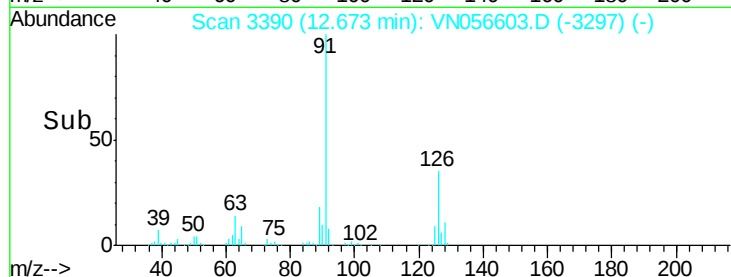
100000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.032 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056603.D

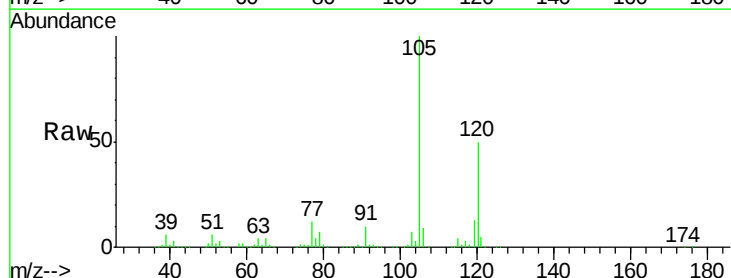
Acq: 3 Jul 2019 22:31

Tgt Ion: 105 Resp: 560958

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

400000

300000

200000

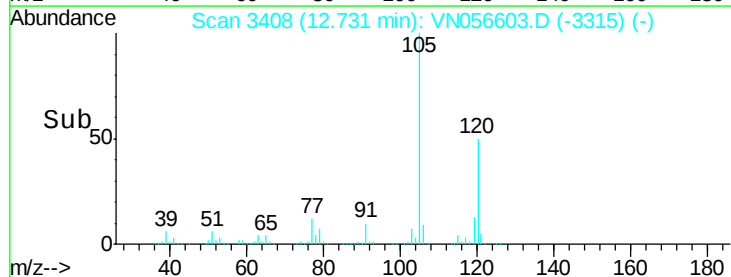
100000

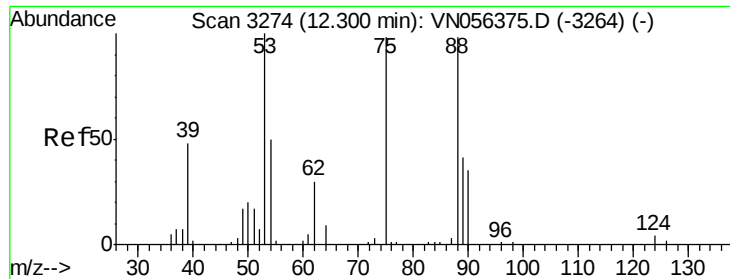
0

12.70 12.75

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.032 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 58240

Ion Ratio Lower Upper

75 100

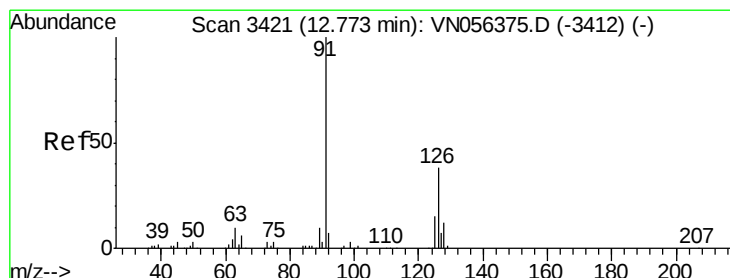
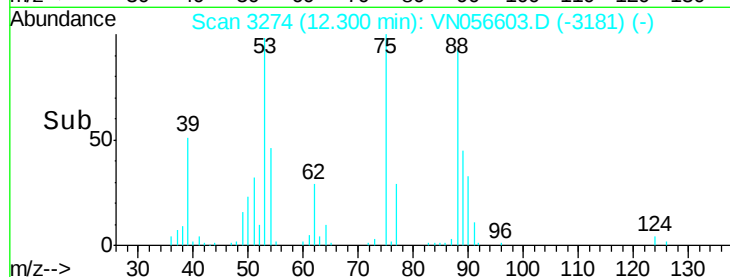
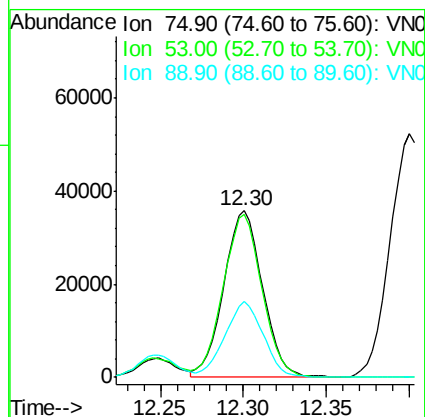
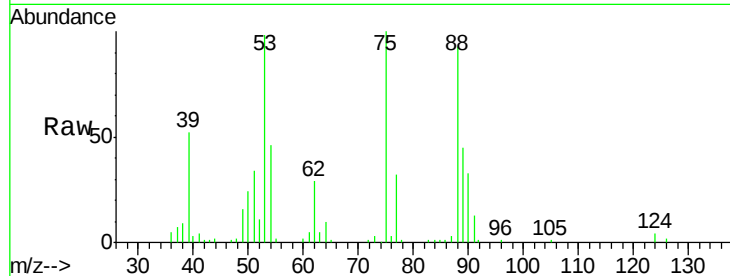
53 97.3 83.9 125.9

89 44.7 35.0 52.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.728 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056603.D

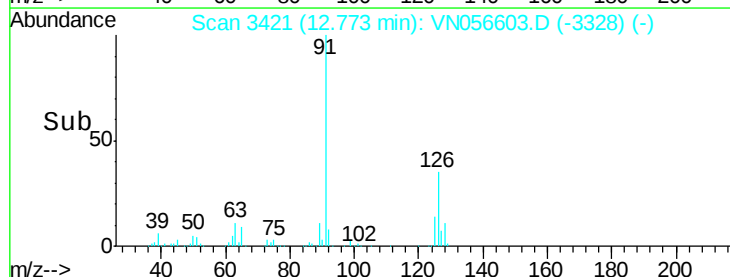
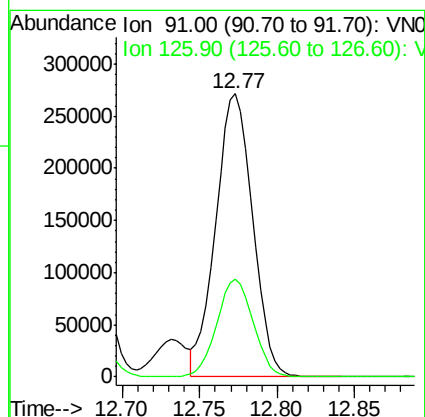
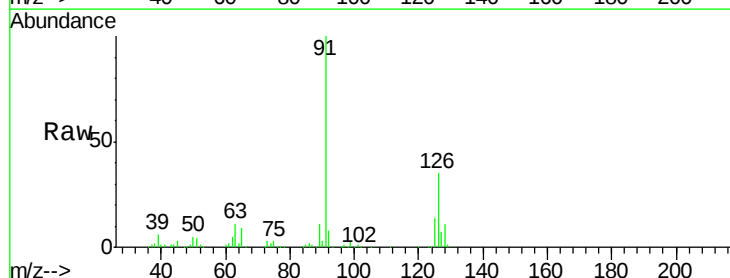
Acq: 3 Jul 2019 22:31

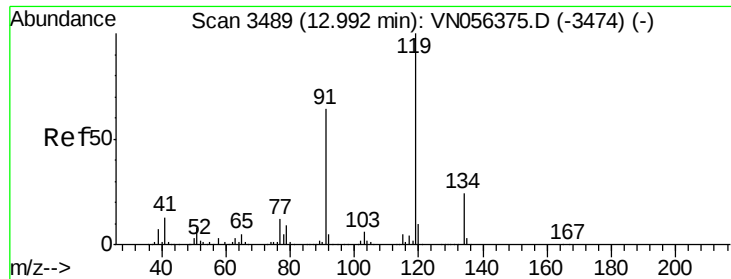
Tgt Ion: 91 Resp: 450138

Ion Ratio Lower Upper

91 100

126 34.0 17.3 52.0





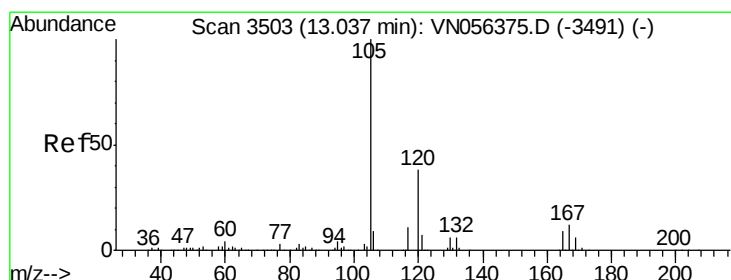
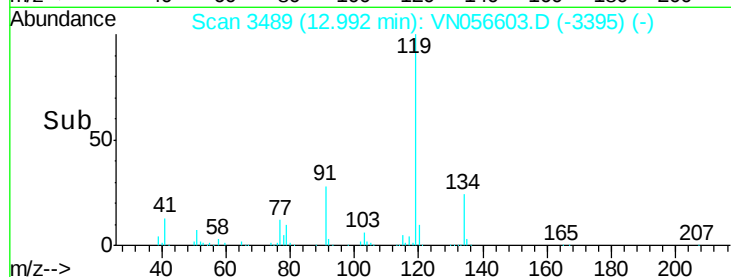
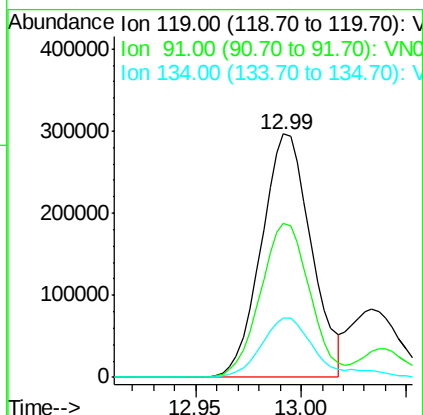
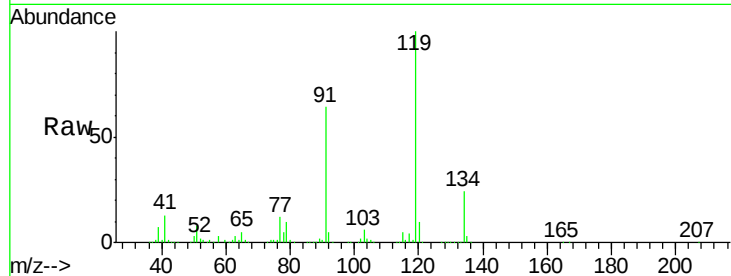
#83
tert-Butylbenzene
Concen: 49.959 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.6	94.7
134	26.7	13.2	39.5

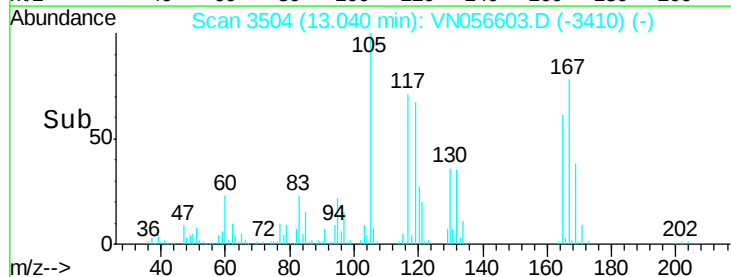
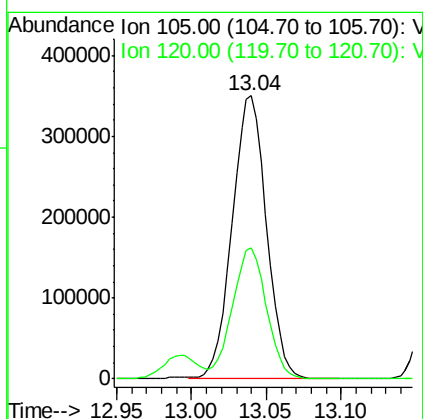
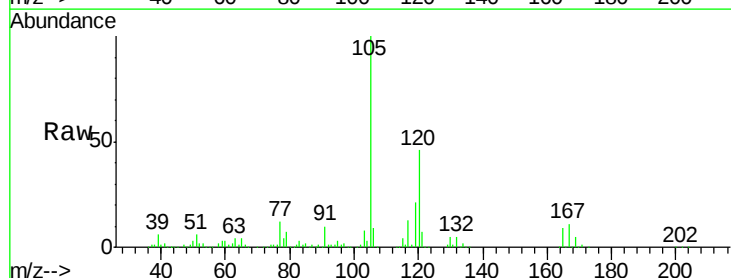
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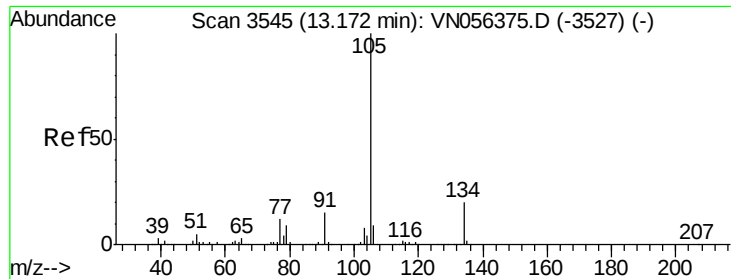
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#84
1,2,4-Trimethylbenzene
Concen: 46.405 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8





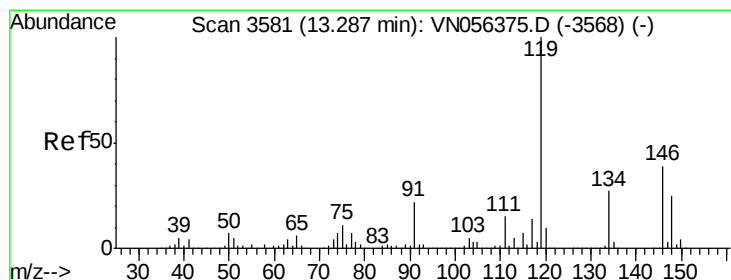
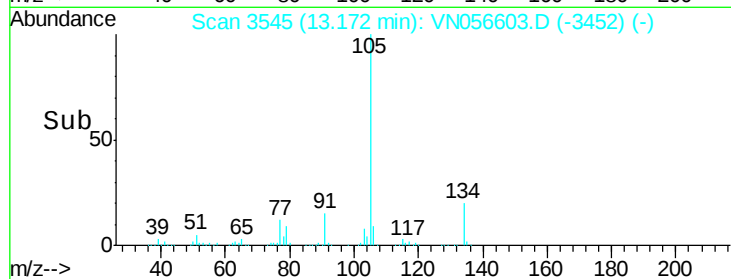
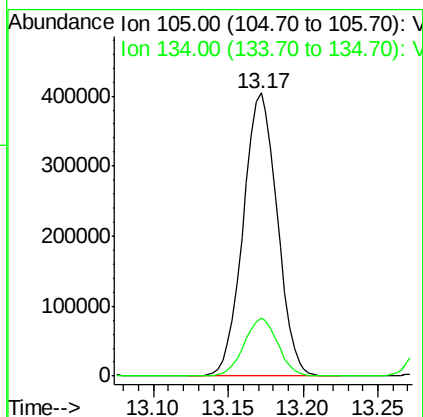
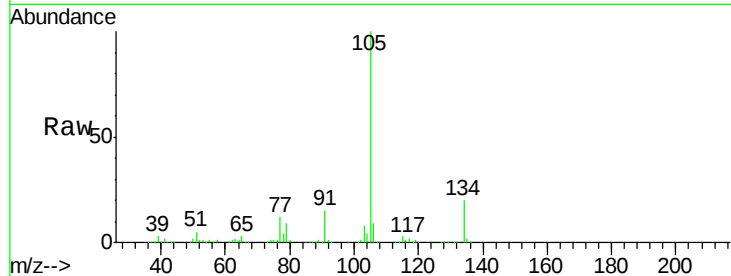
#85
 sec-Butylbenzene
 Concen: 44.560 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

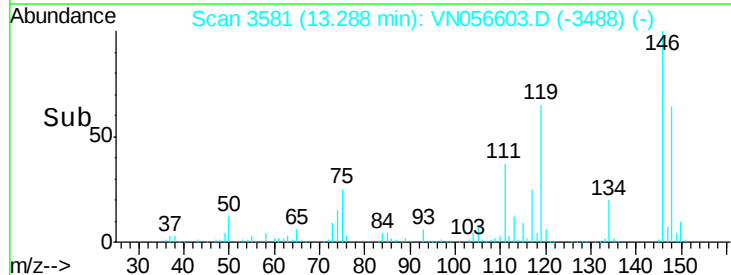
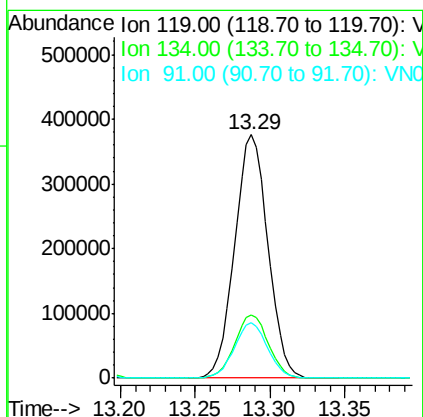
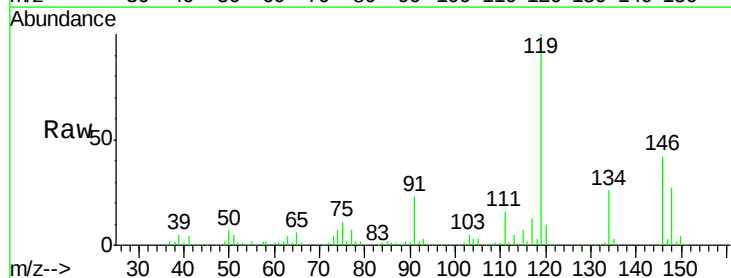
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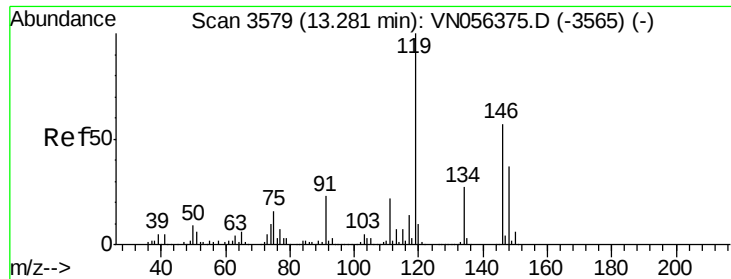
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#86
 p-Isopropyltoluene
 Concen: 47.078 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.4
91	22.7	11.2	33.5





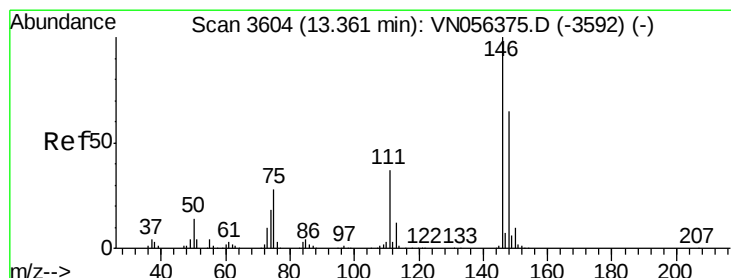
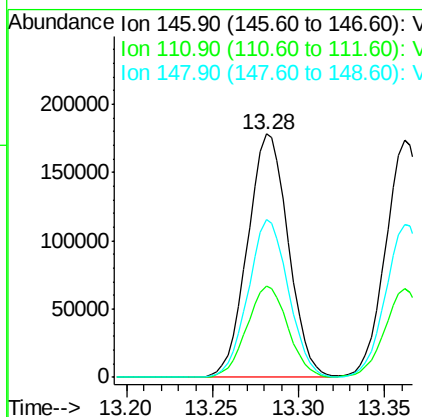
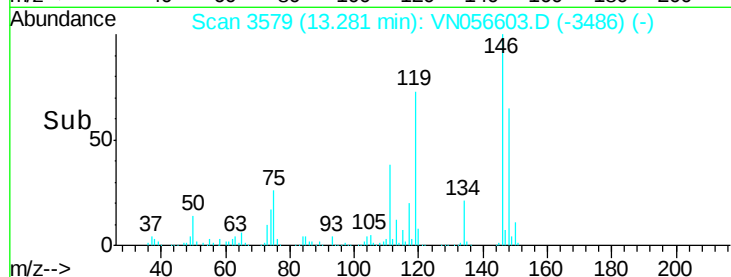
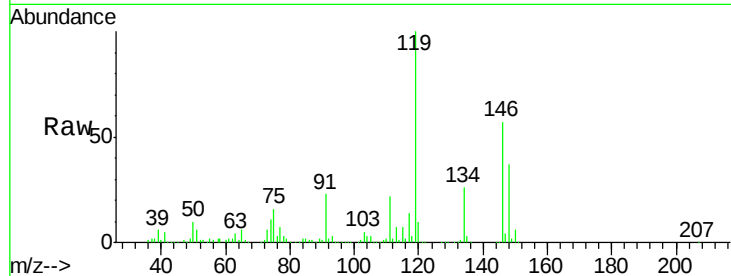
#87
 1,3-Dichlorobenzene
 Concen: 48.626 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.1	32.1	96.5

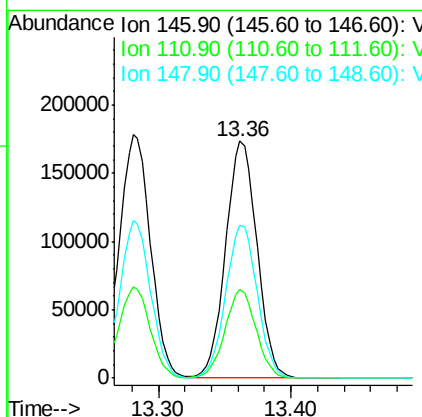
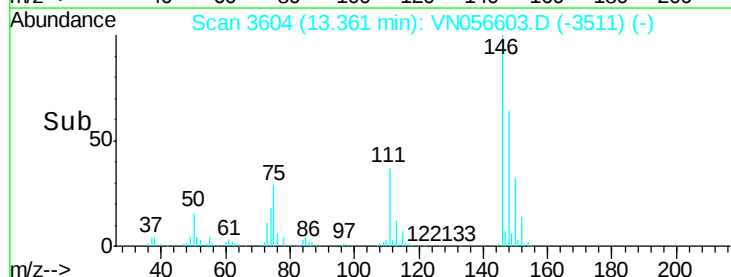
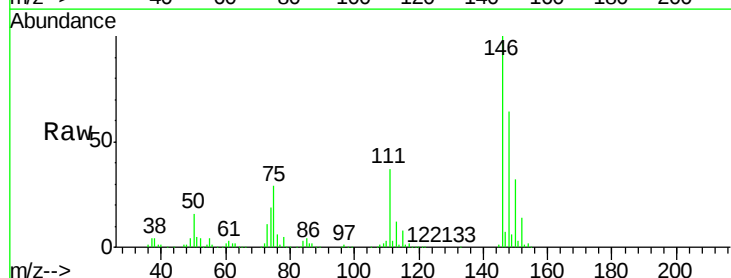
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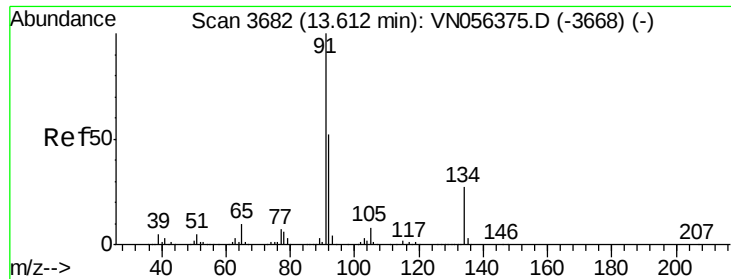
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#88
 1,4-Dichlorobenzene
 Concen: 48.860 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.4
148	64.8	32.4	97.0





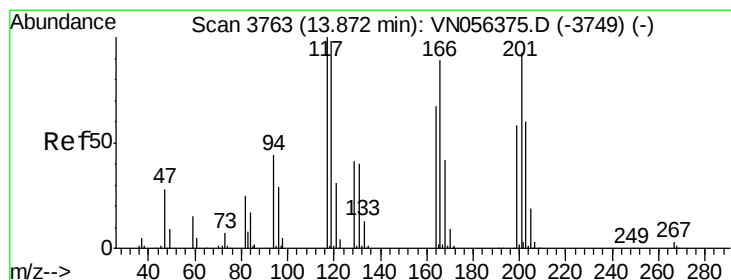
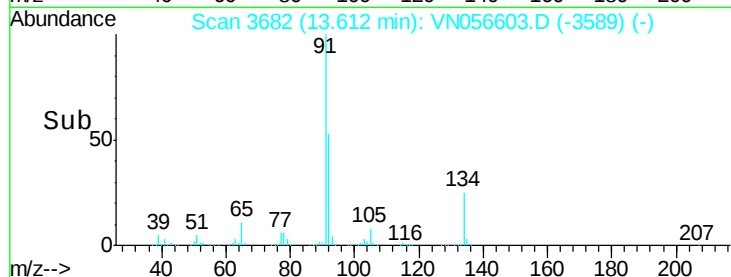
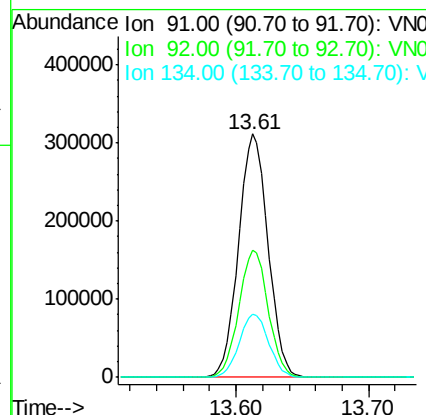
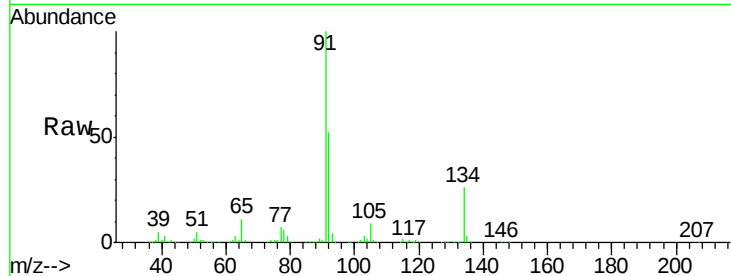
#89
n-Butylbenzene
Concen: 51.450 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	26.1	13.4	40.2

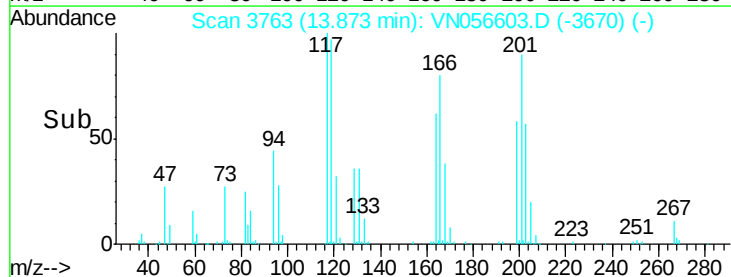
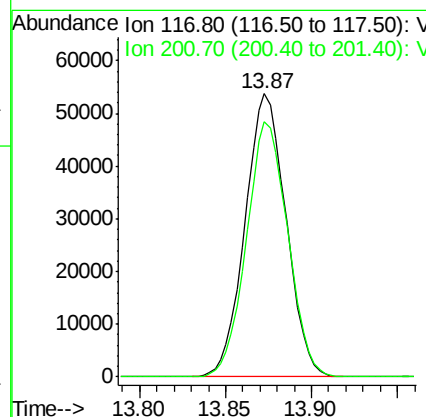
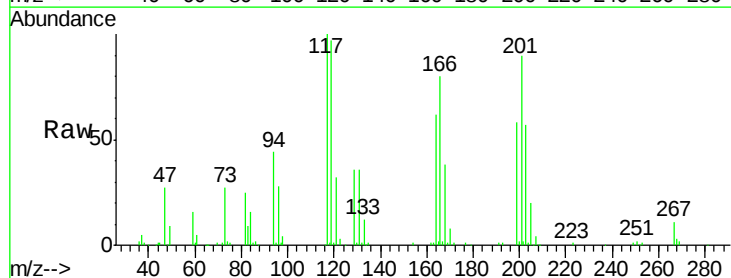
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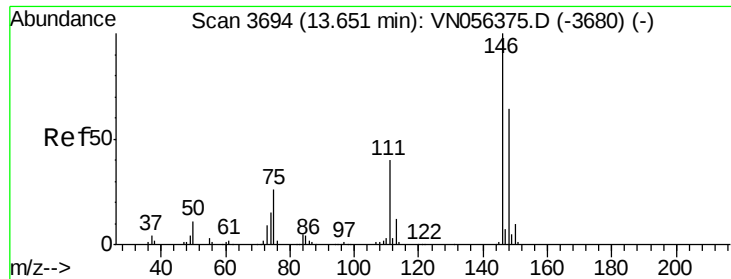
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#90
Hexachloroethane
Concen: 46.220 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056603.D
Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	45.9	137.6





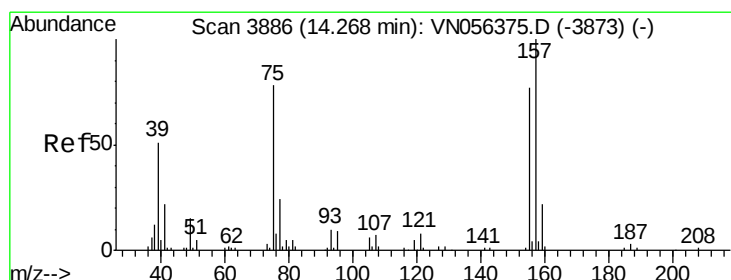
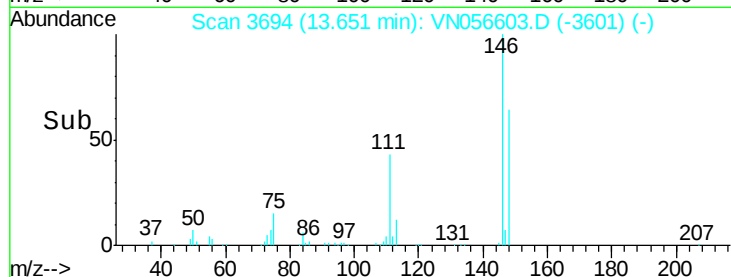
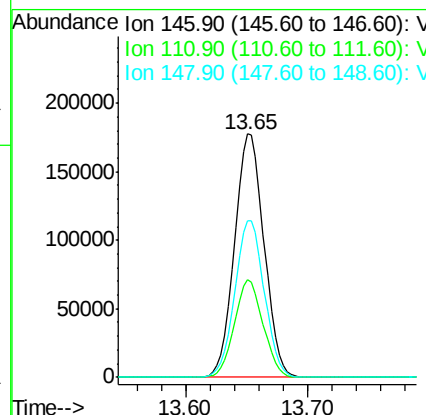
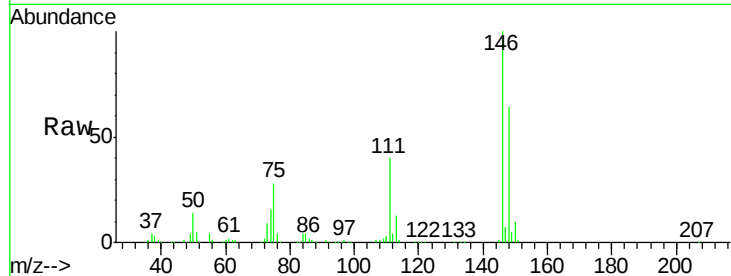
#91
 1,2-Dichlorobenzene
 Concen: 49.800 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.3	32.0	96.0

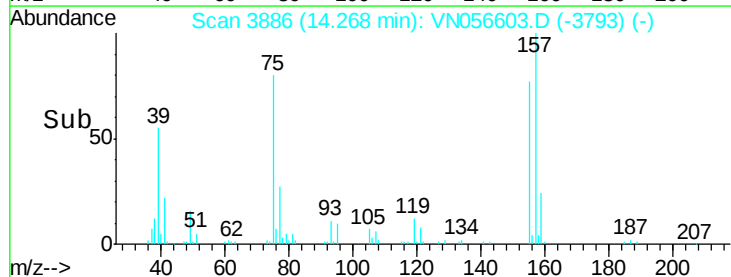
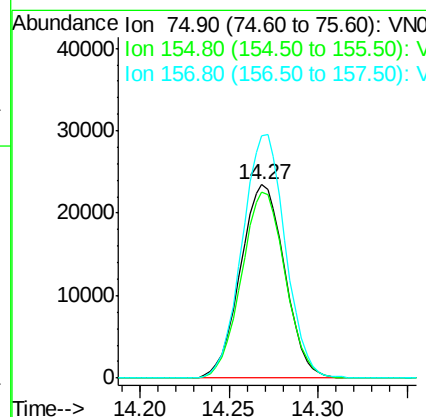
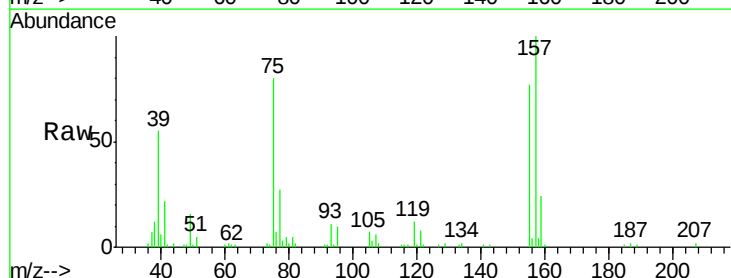
Manual Integrations
 APPROVED

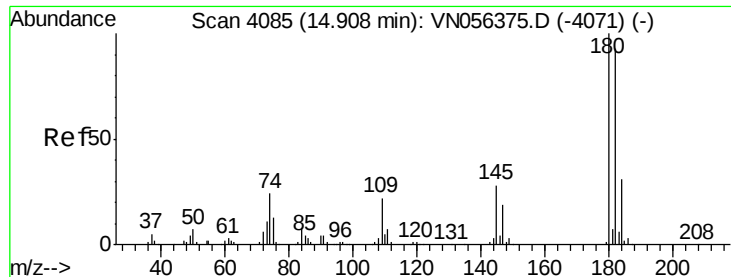
MMDadoda
 7/8/2019 10:08:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.545 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	48.9	146.8
157	122.7	62.9	188.8





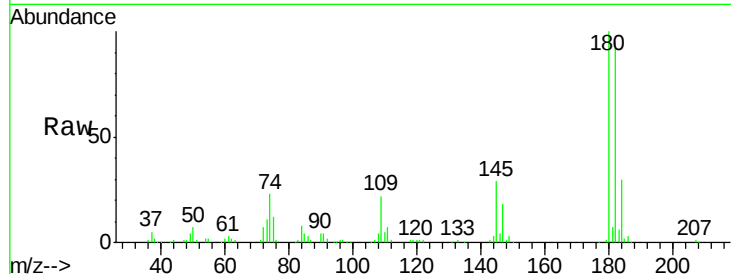
#93
 1,2,4-Trichlorobenzene
 Concen: 51.810 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

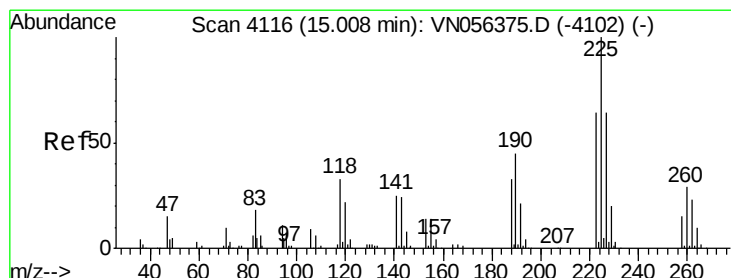
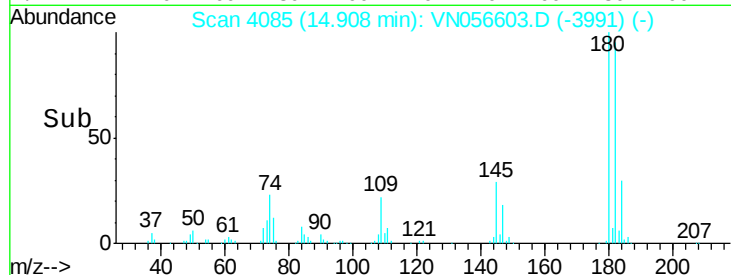
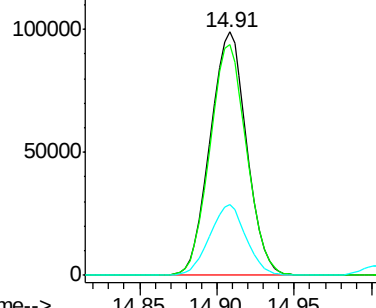
Tot Ion	Ratio	Resp	Lower	Upper
180	100	162320		
182	95.2	46.9	140.6	
145	28.9	14.4	43.0	

Manual Integrations
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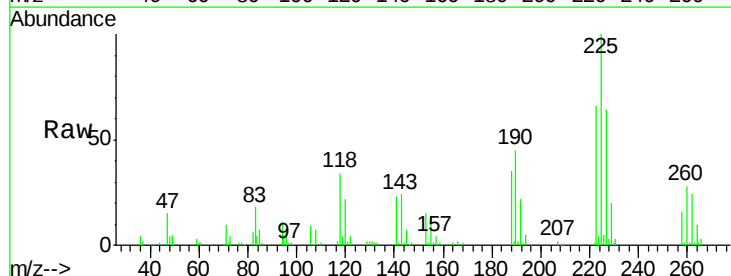


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

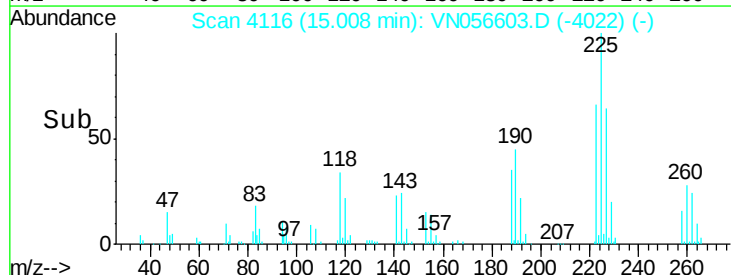
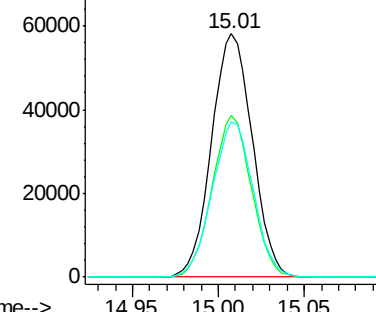


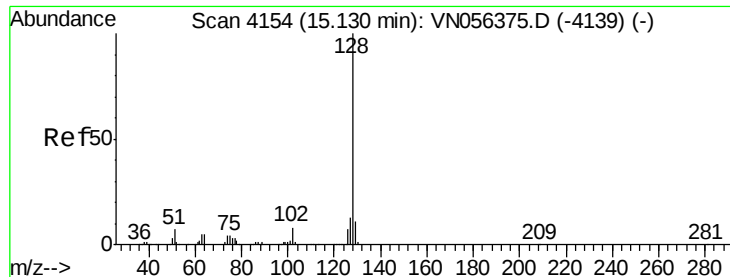
#94
 Hexachlorobutadiene
 Concen: 47.010 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056603.D
 Acq: 3 Jul 2019 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95650		
223	64.2	31.4	94.3	
227	64.4	32.1	96.3	



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: 57.010 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Instrument :

MSVOA_N

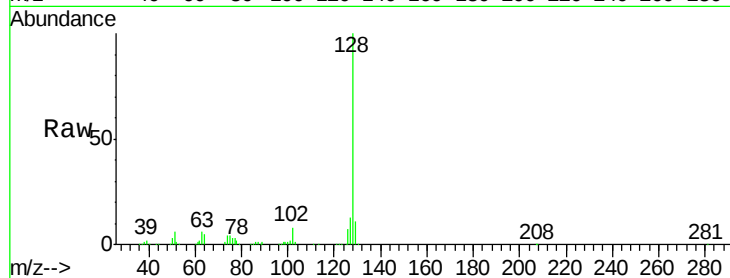
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	471438
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

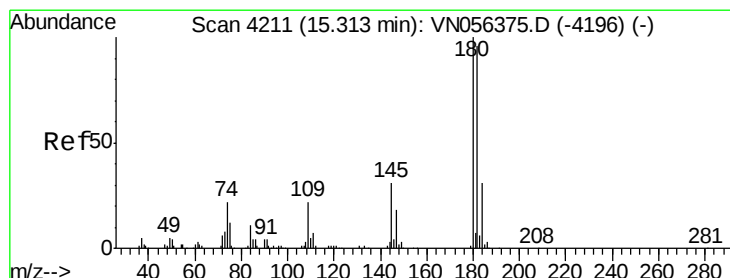
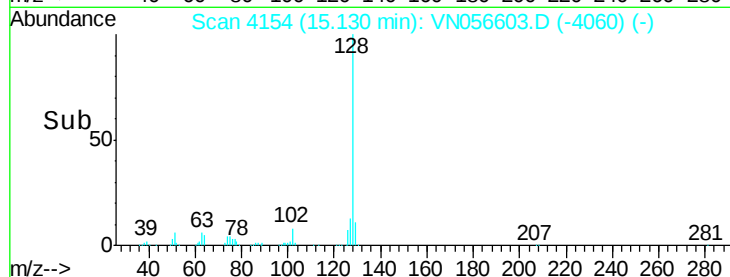
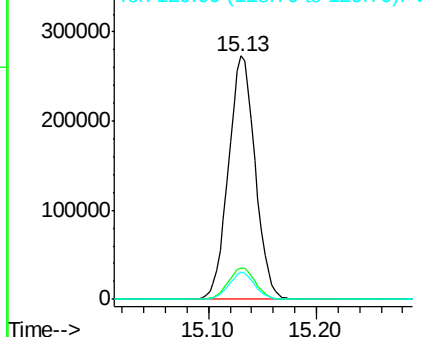
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.723 ug/l

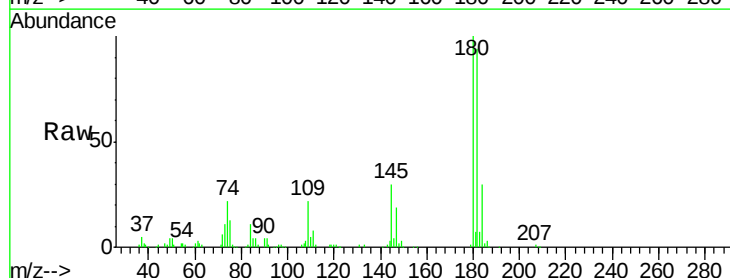
RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056603.D

Acq: 3 Jul 2019 22:31

Tgt Ion:	180	Resp:	171266
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.3	144.8
145	30.4	15.4	46.1



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

