

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062017.D
 Acq On : 22 Jun 2020 23:32
 Operator : JC/MD
 Sample : VN0622WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:14 PM

Quant Time: Jun 23 06:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113639	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.55	113	93603	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.06	98	343409	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.38	95	114357	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	35601	18.029	ug/l	95
3) Chloromethane	2.03	50	38039	17.870	ug/l	99
4) Vinyl Chloride	2.16	62	45810	18.052	ug/l	100
5) Bromomethane	2.53	94	32690	16.775	ug/l	98
6) Chloroethane	2.67	64	32368	18.847	ug/l	100
7) Trichlorofluoromethane	2.98	101	56876	18.764	ug/l	98
8) Diethyl Ether	3.37	74	20612	20.227	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29653	19.068	ug/l	99
10) Methyl Iodide	3.91	142	32579	20.831	ug/l	99
11) Tert butyl alcohol	4.73	59	30940	108.710	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29245	18.769	ug/l	95
13) Acrolein	3.56	56	12417	72.996	ug/l	99
14) Allyl chloride	4.27	41	40021	19.352	ug/l	98
15) Acrylonitrile	4.93	53	78949	111.949	ug/l	99
16) Acetone	3.78	43	63084	103.838	ug/l	99
17) Carbon Disulfide	4.00	76	66414	14.567	ug/l	99
18) Methyl Acetate	4.28	43	39564	22.620	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	107156	20.654	ug/l	97
20) Methylene Chloride	4.51	84	37234	18.812	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31459	17.577	ug/l	98
22) Diisopropyl ether	5.90	45	98644	20.856	ug/l	98
23) Vinyl Acetate	5.84	43	378942	101.868	ug/l	98
24) 1,1-Dichloroethane	5.80	63	62333	20.132	ug/l	99
25) 2-Butanone	6.79	43	97631	110.146	ug/l	98
26) 2,2-Dichloropropane	6.78	77	44869	17.225	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	39040	18.905	ug/l	97
28) Bromochloromethane	7.15	49	27808	20.172	ug/l	93
29) Tetrahydrofuran	7.17	42	63277	108.475	ug/l	99
30) Chloroform	7.33	83	64260	19.420	ug/l	99
31) Cyclohexane	7.61	56	44903	16.567	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	52309	18.562	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42750	17.433	ug/l	99
37) Ethyl Acetate	6.88	43	43317	22.621	ug/l	99
38) Carbon Tetrachloride	7.73	117	44090	18.156	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	44402	16.816	ug/l	98
40) Benzene	8.00	78	140663	18.936	ug/l	98
41) Methacrylonitrile	7.13	41	17445m	21.305	ug/l	
42) 1,2-Dichloroethane	8.08	62	50768	20.044	ug/l	98
43) Isopropyl Acetate	8.13	43	68206	21.136	ug/l #	91
44) Trichloroethene	8.80	130	35393	18.105	ug/l	99
45) 1,2-Dichloropropane	9.08	63	36622	20.062	ug/l	99
46) Dibromomethane	9.17	93	25190	19.596	ug/l	97
47) Bromodichloromethane	9.37	83	51270	19.478	ug/l	97
48) Methyl methacrylate	9.17	41	29941	20.402	ug/l	98
49) 1,4-Dioxane	9.17	88	13299	394.707	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	205980	108.013	ug/l	100
52) Toluene	10.12	92	88554	18.982	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53896	19.288	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	58004	19.111	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	38133	20.775	ug/l	97
56) Ethyl methacrylate	10.40	69	49332	19.477	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64533	20.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	93438	96.456	ug/l	98
59) 2-Hexanone	10.72	43	145910	104.043	ug/l	99
60) Dibromochloromethane	10.87	129	39305	19.191	ug/l	98
61) 1,2-Dibromoethane	10.98	107	36718	19.158	ug/l	99
64) Tetrachloroethene	10.60	164	29508	18.910	ug/l	98
65) Chlorobenzene	11.41	112	95163	18.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35172	19.521	ug/l	99
67) Ethyl Benzene	11.48	91	160752	18.559	ug/l	99
68) m/p-Xylenes	11.60	106	125260	37.504	ug/l	99
69) o-Xylene	11.92	106	60561	19.004	ug/l	100
70) Styrene	11.94	104	99398	18.628	ug/l	100
71) Bromoform	12.10	173	26157	19.910	ug/l #	99
73) Isopropylbenzene	12.22	105	154684	19.690	ug/l	100
74) N-amyl acetate	12.05	43	51075	19.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	55349	21.671	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	49066m	22.607	ug/l	
77) Bromobenzene	12.50	156	39538	19.949	ug/l	97
78) n-propylbenzene	12.57	91	174238	19.438	ug/l	99
79) 2-Chlorotoluene	12.65	91	106594	19.800	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	128091	19.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15672	19.694	ug/l	98
82) 4-Chlorotoluene	12.75	91	107897	19.396	ug/l	99
83) tert-Butylbenzene	12.97	119	110127	19.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	129101	20.123	ug/l	100
85) sec-Butylbenzene	13.15	105	142676	19.784	ug/l	100
86) p-Isopropyltoluene	13.26	119	126527	19.689	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68174	18.860	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67397	18.215	ug/l	97
89) n-Butylbenzene	13.59	91	96765	18.030	ug/l	98
90) Hexachloroethane	13.85	117	23693	20.141	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	68685	19.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8807	21.240	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27992	17.046	ug/l	98
94) Hexachlorobutadiene	14.98	225	12199	18.862	ug/l	97
95) Naphthalene	15.11	128	81726	17.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	29883	18.375	ug/l	97

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

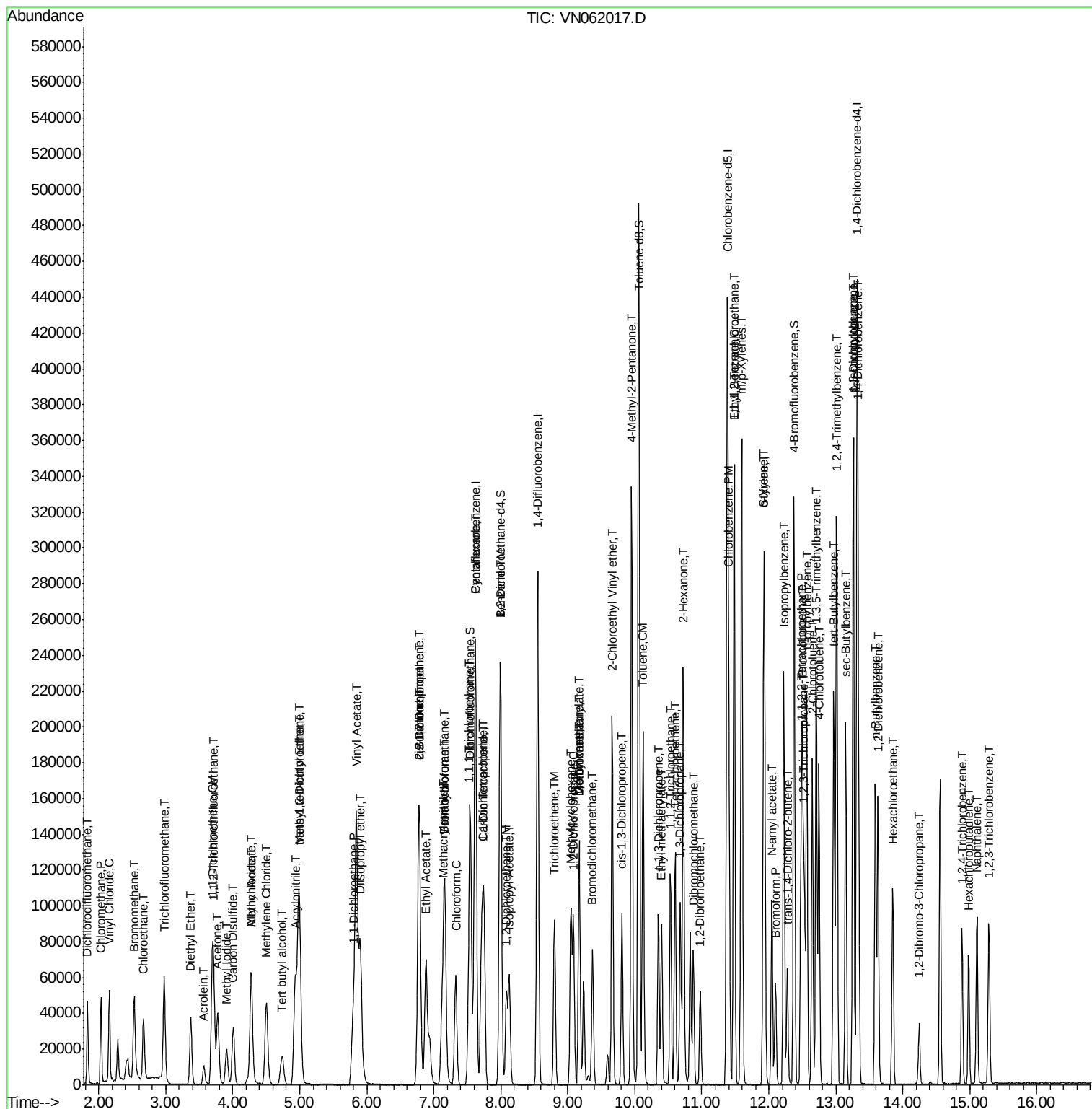
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Data File : VN062017.D
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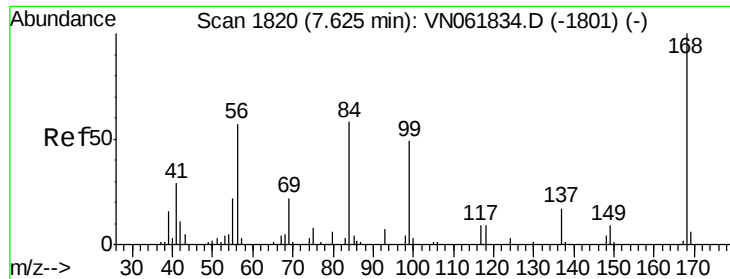
Instrument :
MSVOA_N
Client Sample Id :
VN0622WBS02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion:168 Resp: 153357

Ion Ratio Lower Upper

168 100

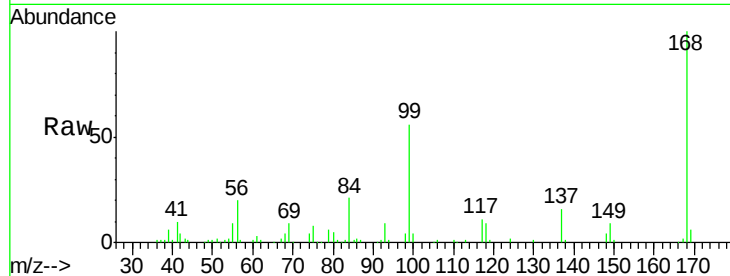
99 55.6 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

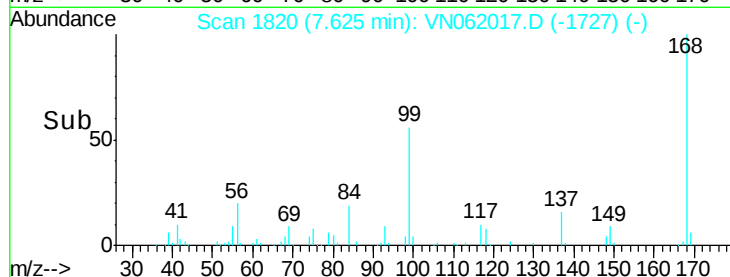
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40000

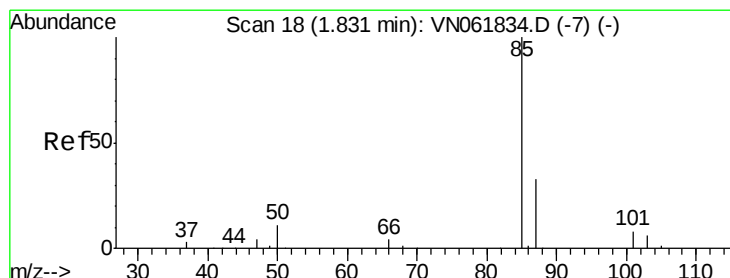
20000

0

7.50 7.60 7.70



Time-->



#2

Dichlorodifluoromethane

Concen: 18.029 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062017.D

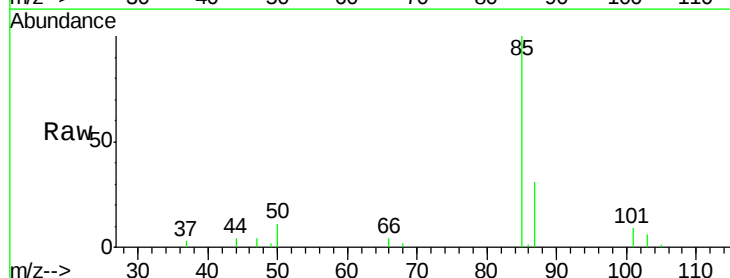
Acq: 22 Jun 2020 23:32

Tgt Ion: 85 Resp: 35601

Ion Ratio Lower Upper

85 100

87 30.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

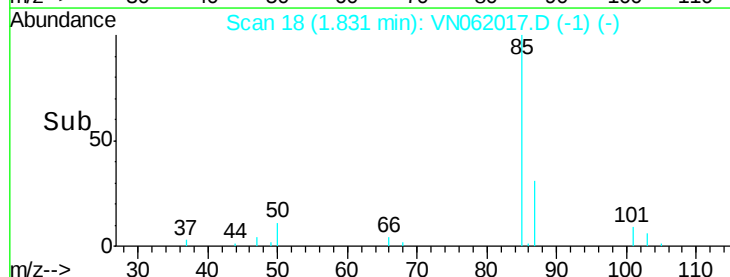
15000

10000

5000

0

1.80 1.85 1.90



Time-->



#3

Chloromethane

Concen: 17.870 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 50 Resp: 38039

Ion Ratio Lower Upper

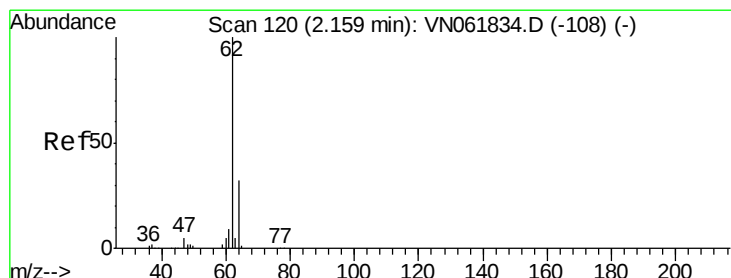
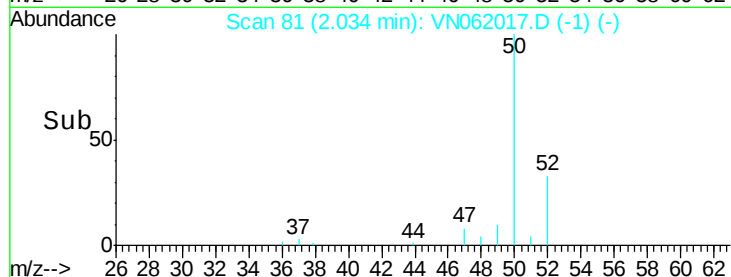
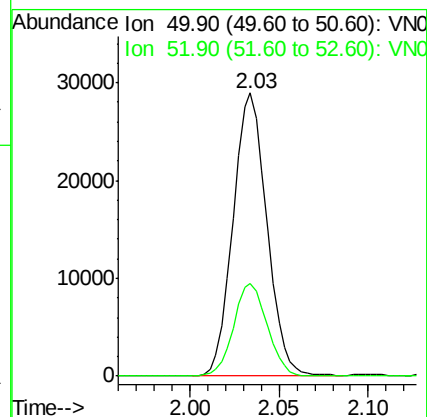
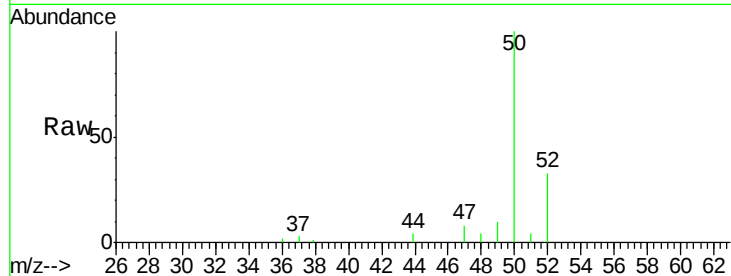
50 100

52 32.9 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.052 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062017.D

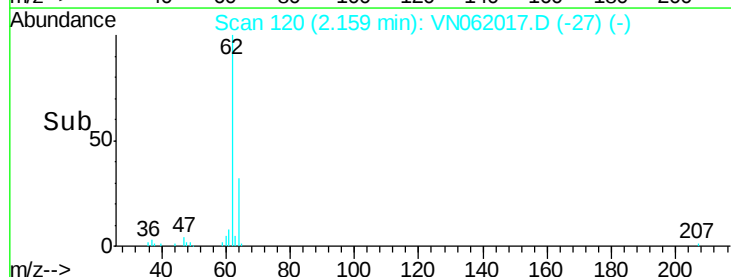
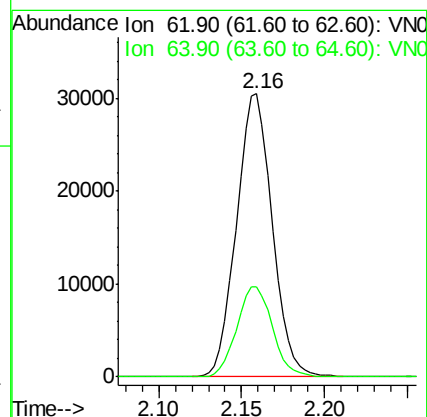
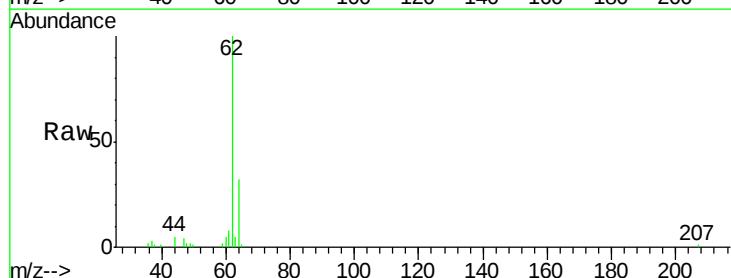
Acq: 22 Jun 2020 23:32

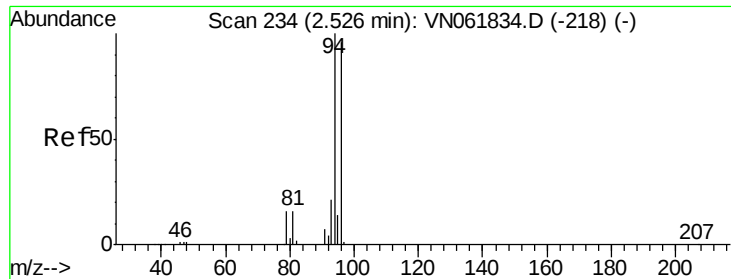
Tgt Ion: 62 Resp: 45810

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 16.775 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 94 Resp: 32690

Ion Ratio Lower Upper

94 100

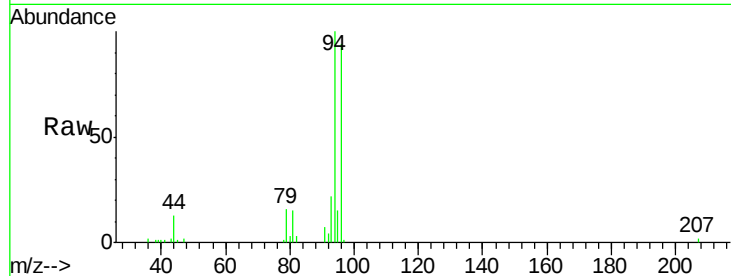
96 93.9 76.7 115.1

Manual Integrations

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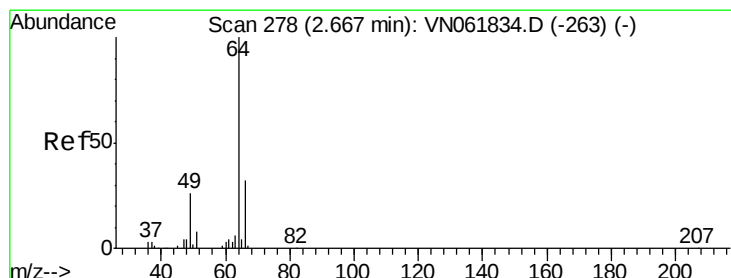
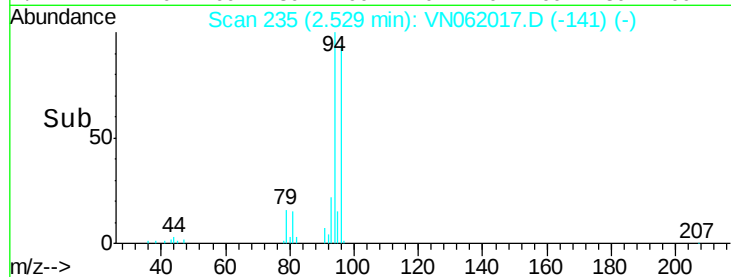
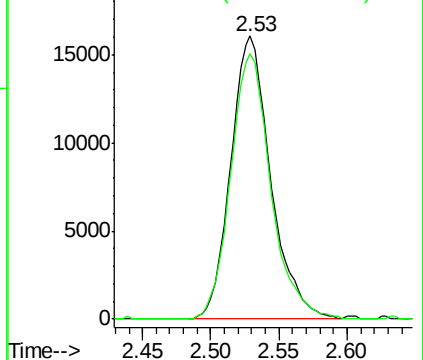
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.847 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062017.D

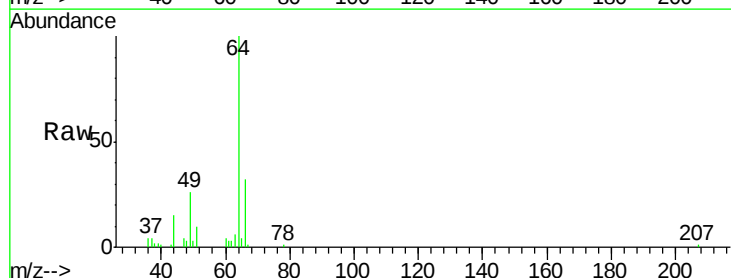
Acq: 22 Jun 2020 23:32

Tgt Ion: 64 Resp: 32368

Ion Ratio Lower Upper

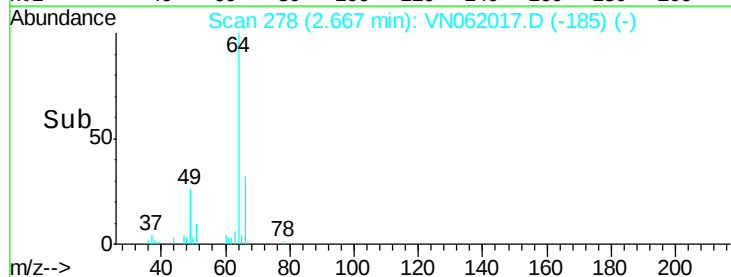
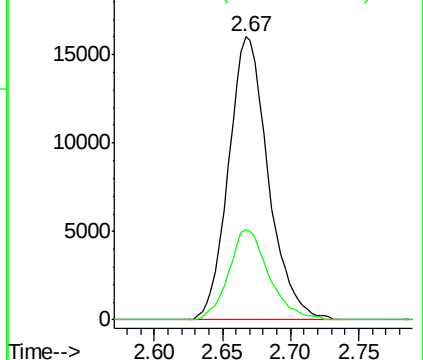
64 100

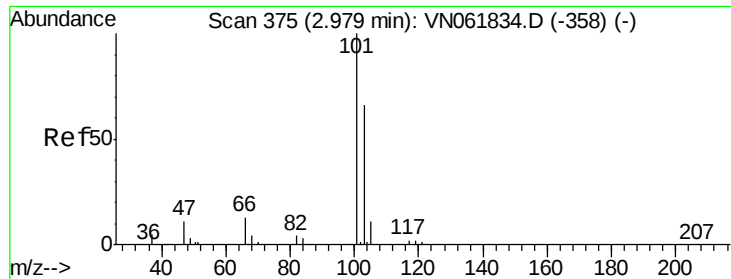
66 32.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

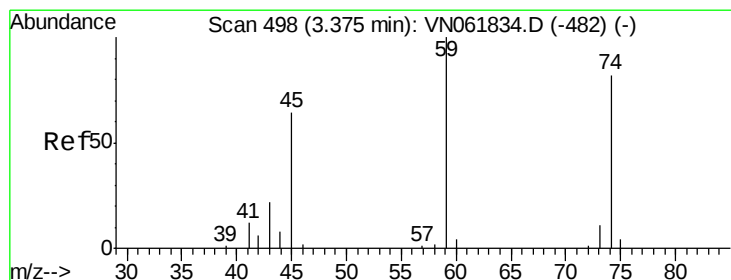
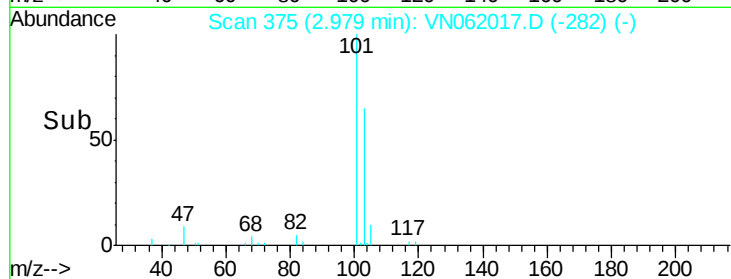
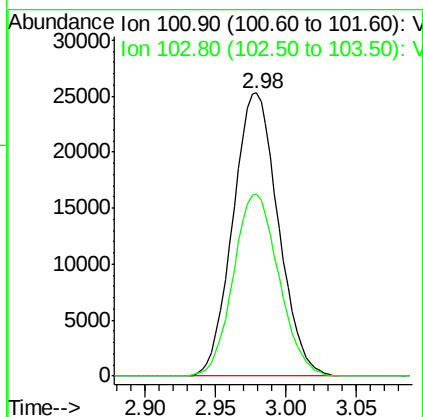
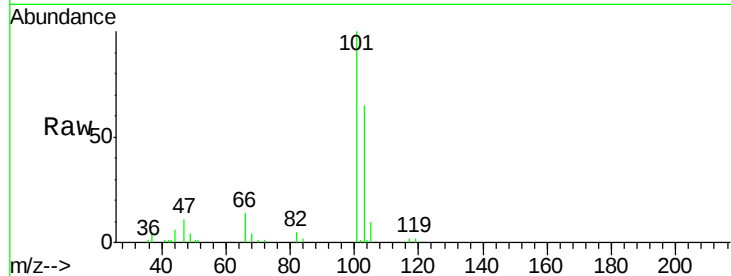
Trichlorofluoromethane
Concen: 18.764 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

Manual Integrations
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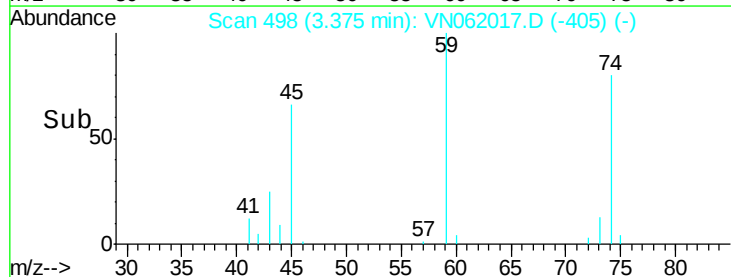
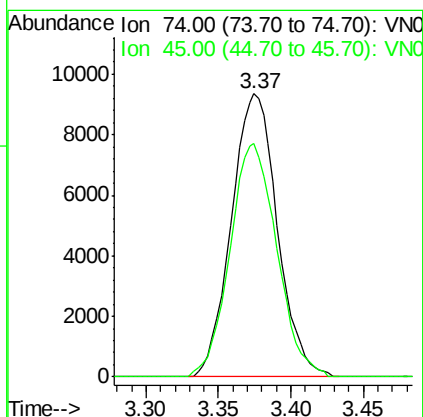
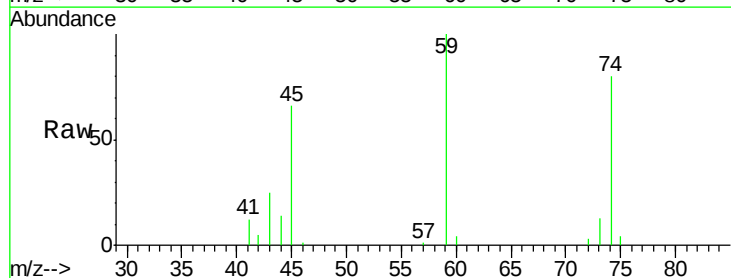
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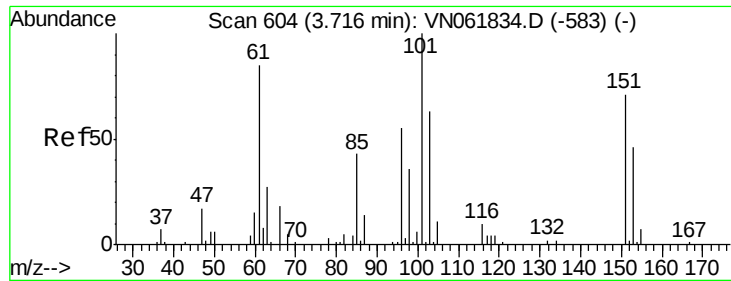


#8

Diethyl Ether
Concen: 20.227 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062017.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.9	39.1	117.3





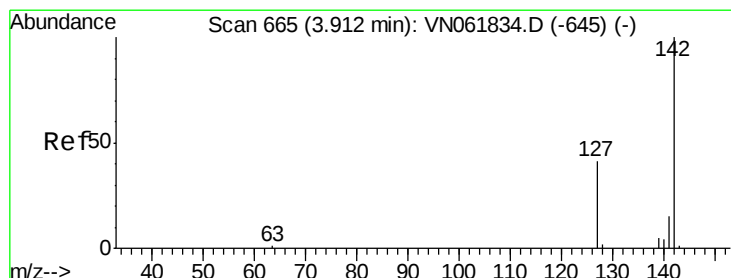
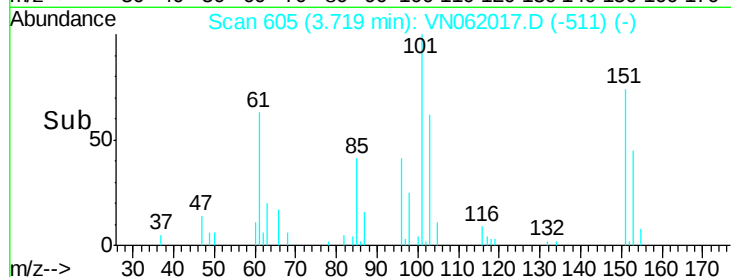
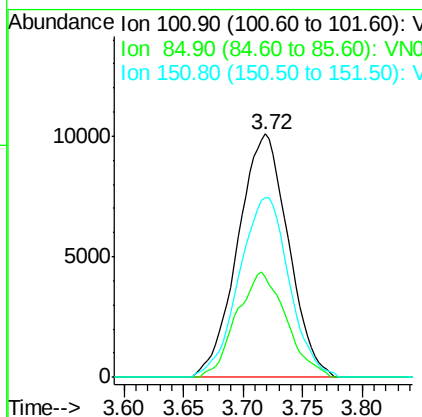
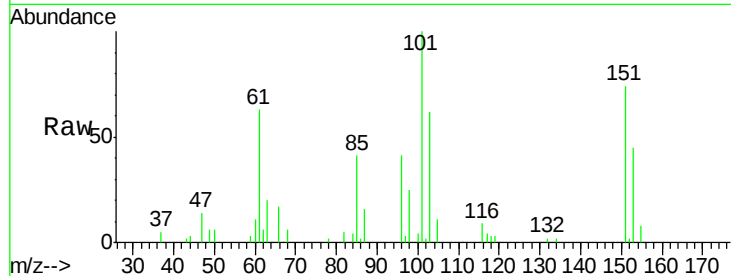
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.068 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.3	35.0	52.6
151	73.3	59.2	88.8

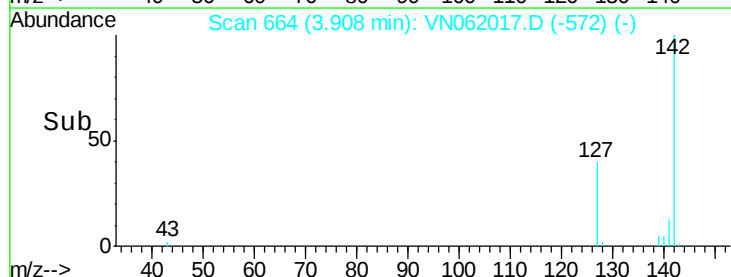
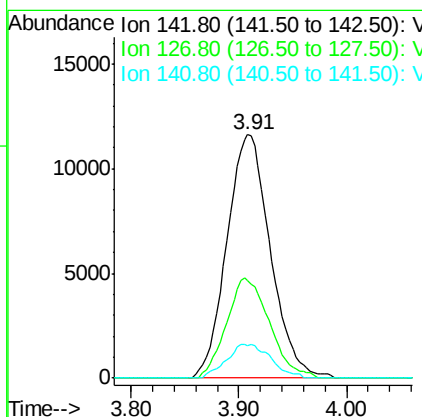
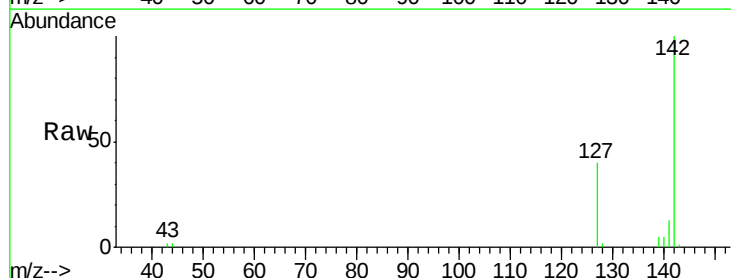
Manual Integrations
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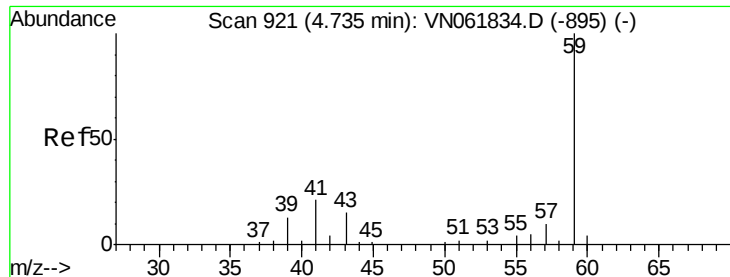
MMDadoda
6/23/2020 12:47:14 PM



#10
Methyl Iodide
Concen: 20.831 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.7	33.4	50.0
141	14.1	11.3	16.9





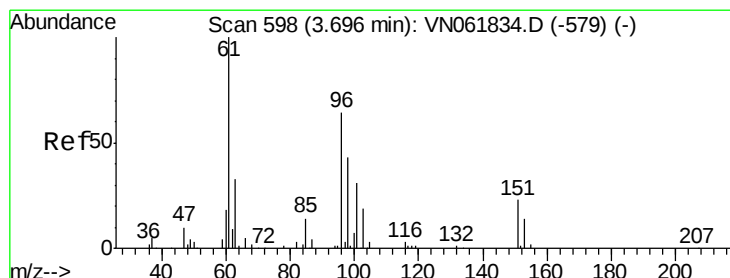
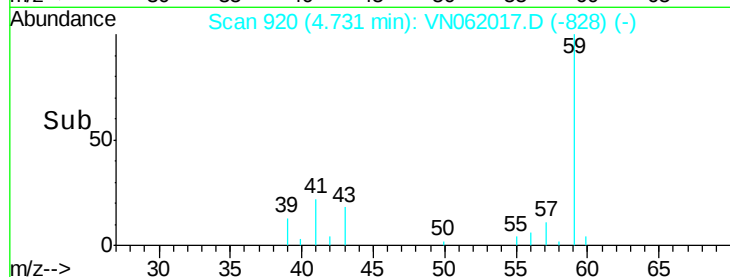
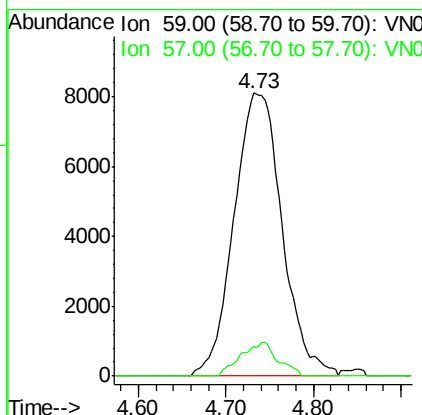
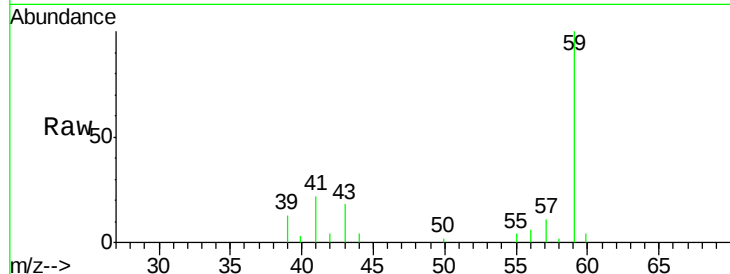
#11
Tert butyl alcohol
Concen: 108.710 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.7	11.5

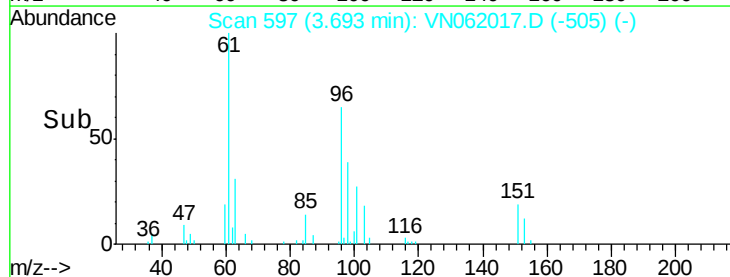
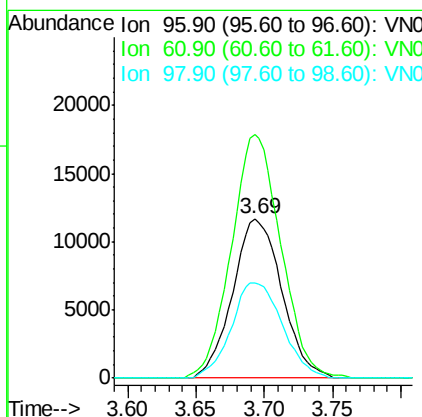
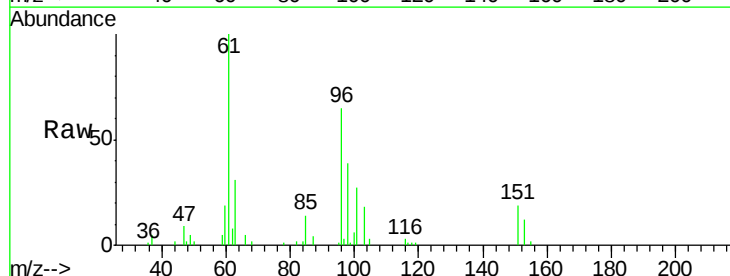
Manual Integrations
APPROVED

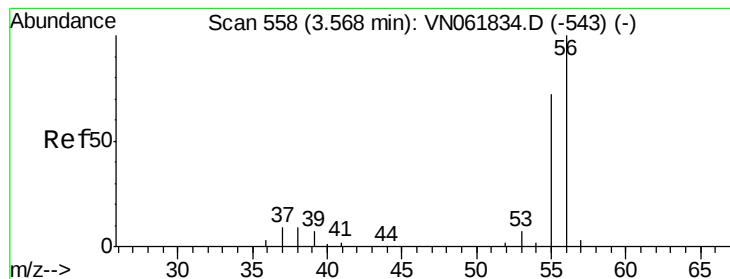
MMDadoda
6/23/2020 12:47:14 PM



#12
1,1-Dichloroethene
Concen: 18.769 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	124.3	186.5
98	60.0	53.1	79.7





#13

Acrolein

Concen: 72.996 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 56 Resp: 12417

Ion Ratio Lower Upper

56 100

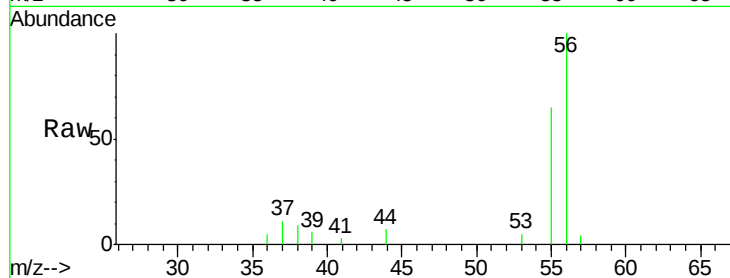
55 70.7 56.2 84.4

Manual Integrations

APPROVED

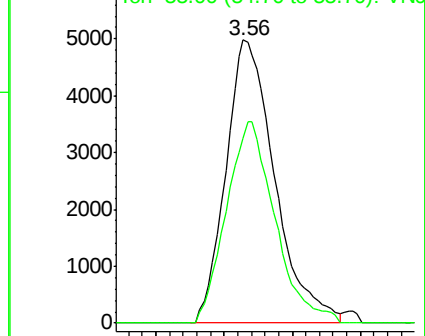
MMDadoda

6/23/2020 12:47:14 PM

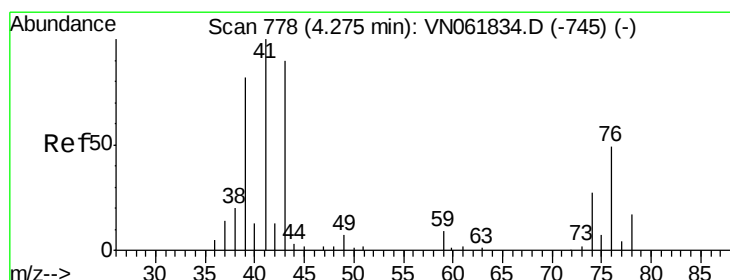
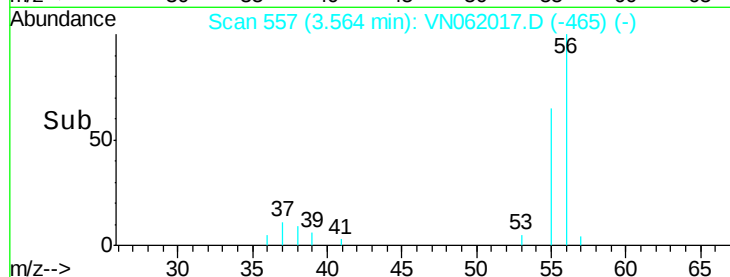


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Allyl chloride

Concen: 19.352 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

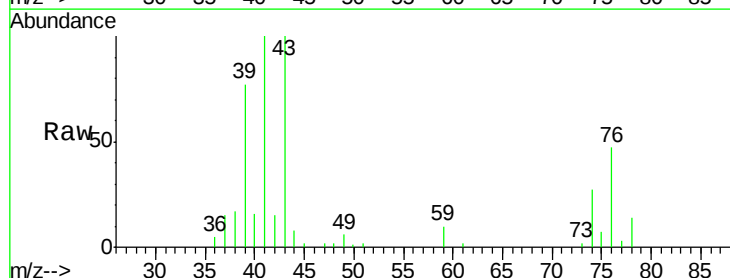
Tgt Ion: 41 Resp: 40021

Ion Ratio Lower Upper

41 100

39 75.8 60.2 90.2

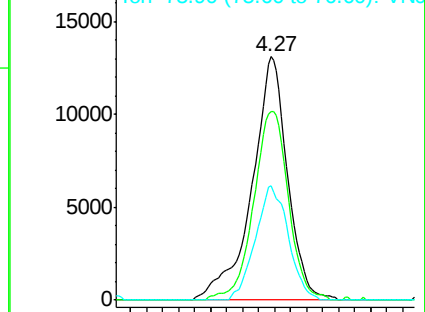
76 43.4 36.3 54.5



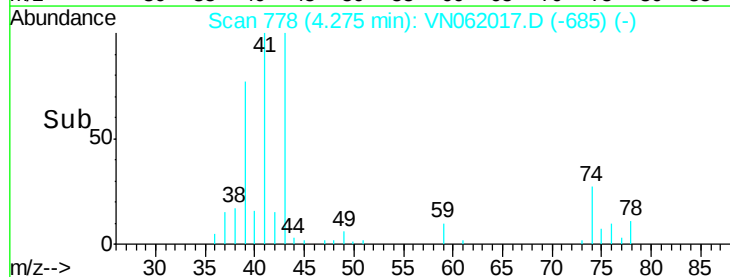
Abundance Ion 41.00 (40.70 to 41.70): VN0

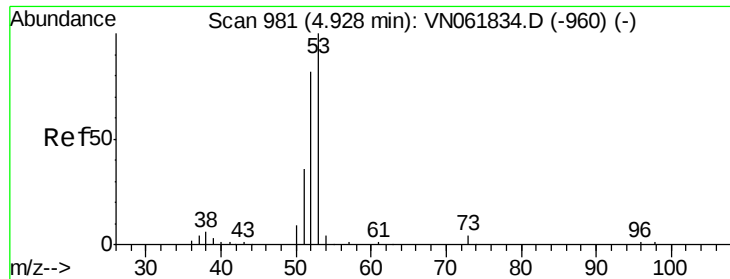
Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



Time-->





#15

Acrylonitrile

Concen: 111.949 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

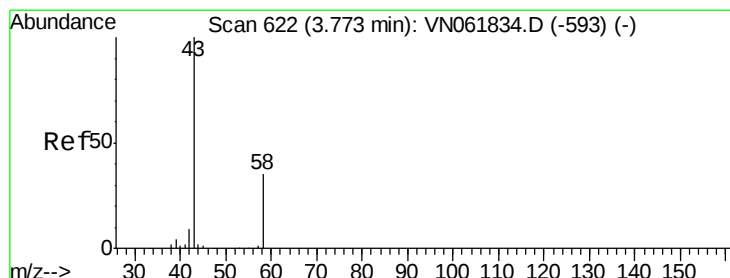
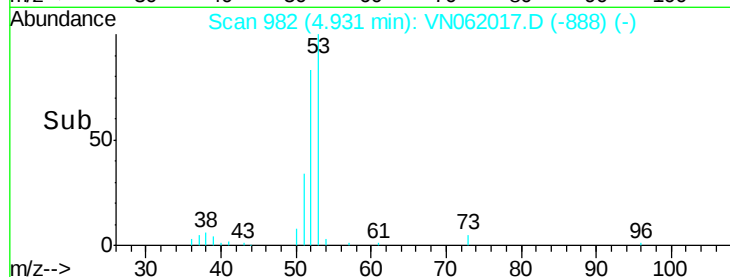
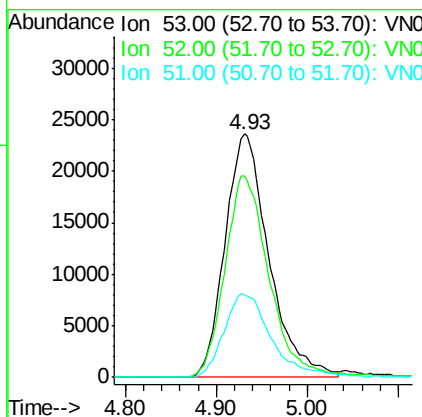
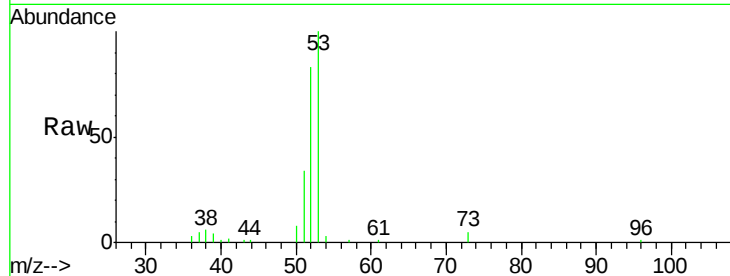
ClientSampleId :

VN0622WBS02

Tot Ion:	53	Resp:	78949
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.2	97.8
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 103.838 ug/l

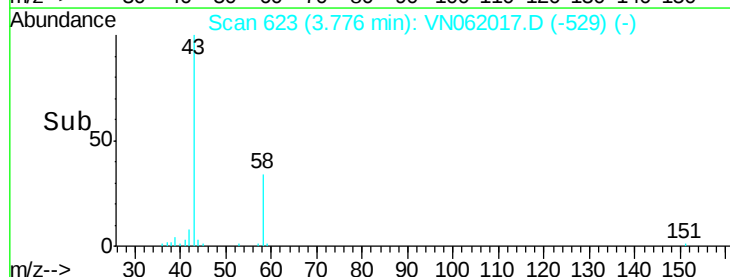
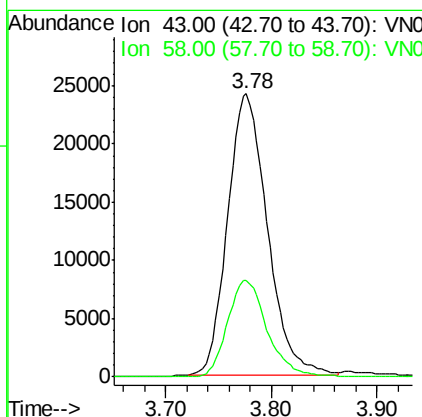
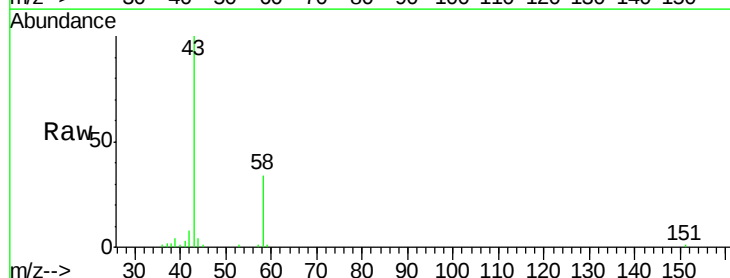
RT: 3.78 min Scan# 623

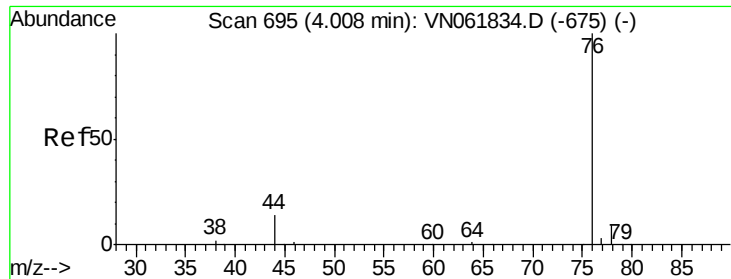
Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion:	43	Resp:	63084
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8





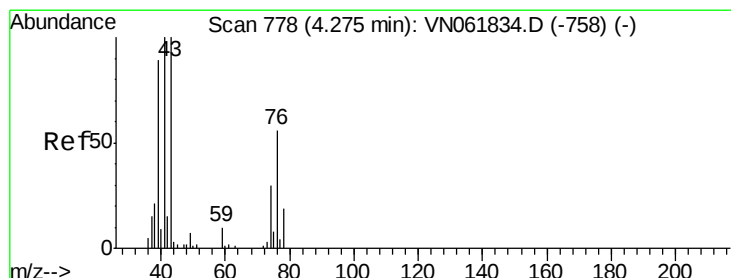
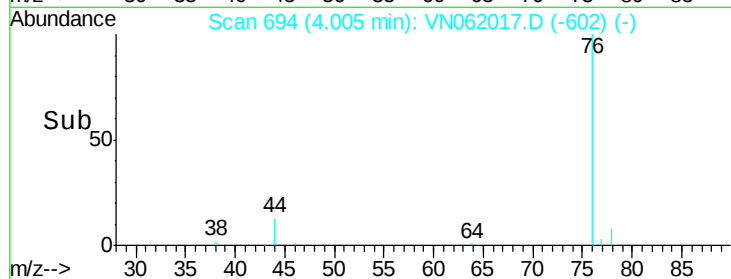
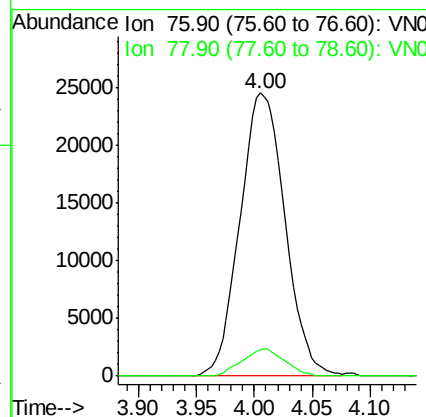
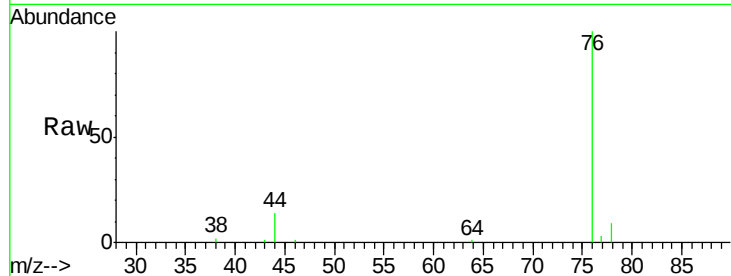
#17
Carbon Disulfide
Concen: 14.567 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

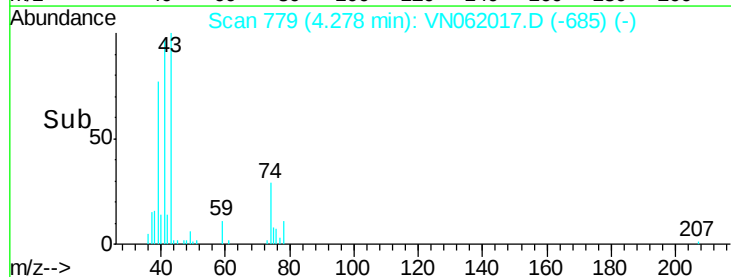
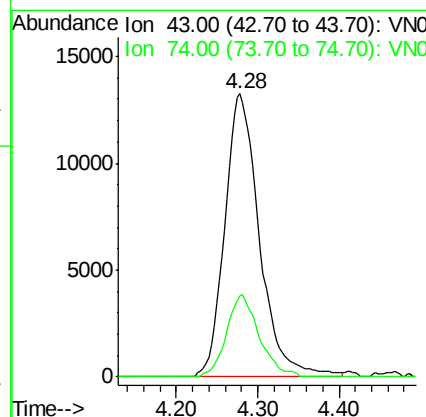
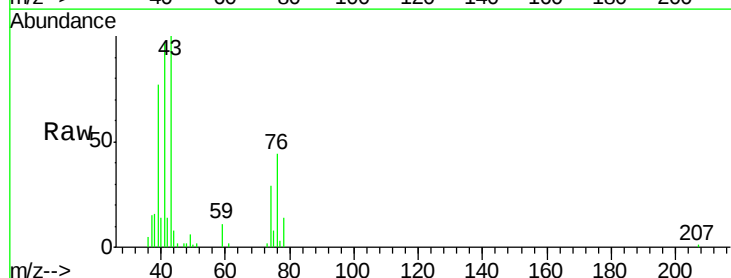
Manual Integrations
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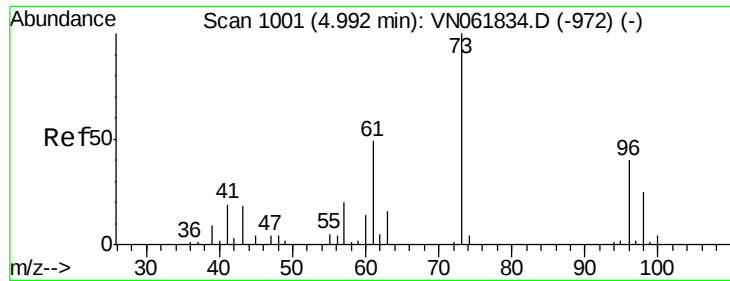
MMDadoda
6/23/2020 12:47:14 PM



#18
Methyl Acetate
Concen: 22.620 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	23.0	34.4





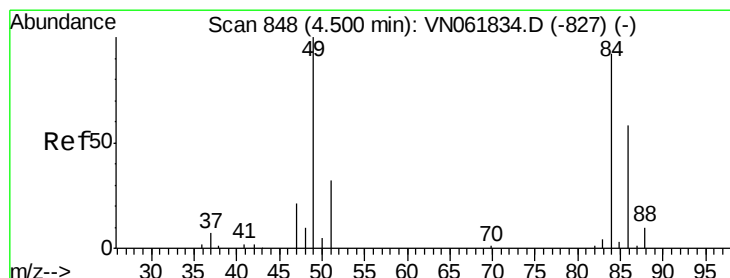
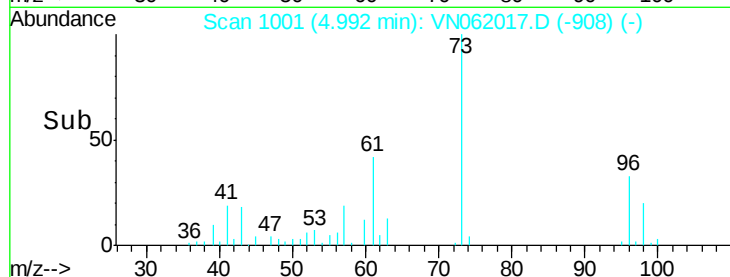
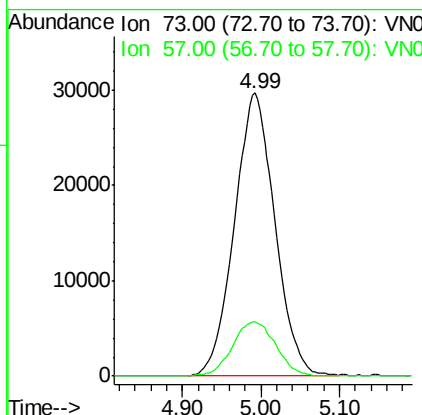
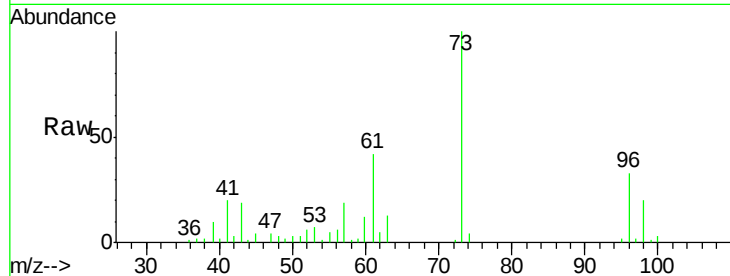
#19
Methvl tert-butvl Ether
Concen: 20.654 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 73 Resp: 107156
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4

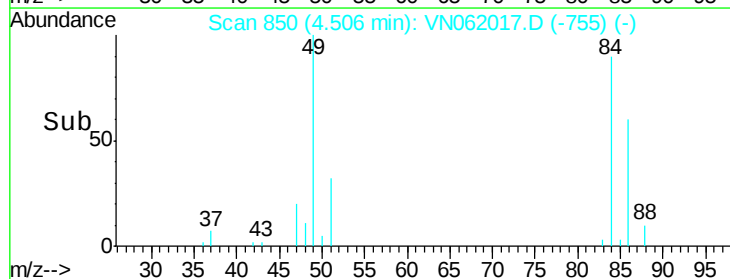
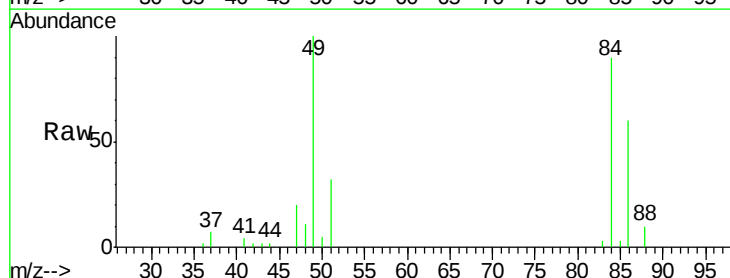
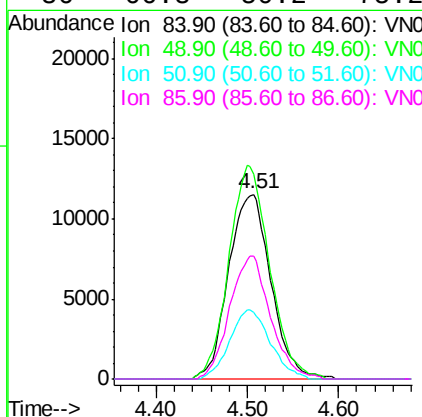
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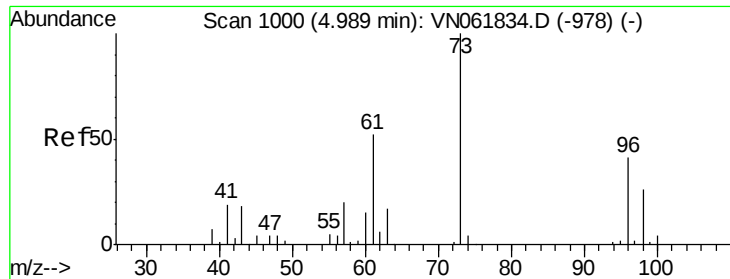
MMDadoda
6/23/2020 12:47:14 PM



#20
Methylene Chloride
Concen: 18.812 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 84 Resp: 37234
Ion Ratio Lower Upper
84 100
49 110.6 87.0 130.4
51 35.9 27.8 41.6
86 66.8 50.2 75.2





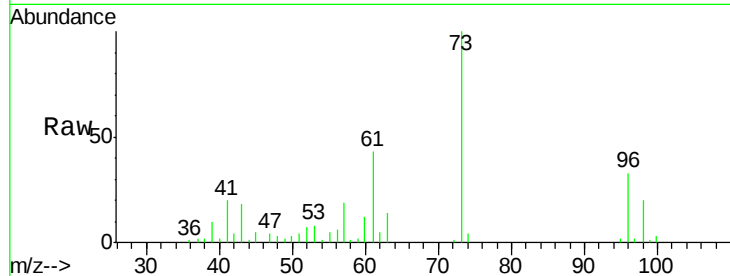
#21
trans-1,2-Dichloroethene
Concen: 17.577 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	102.2	153.4
98	60.9	51.2	76.8

Manual Integrations
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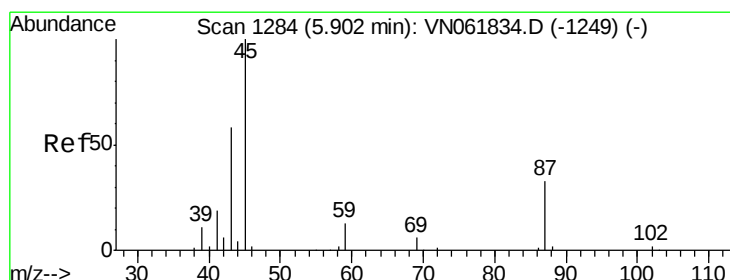
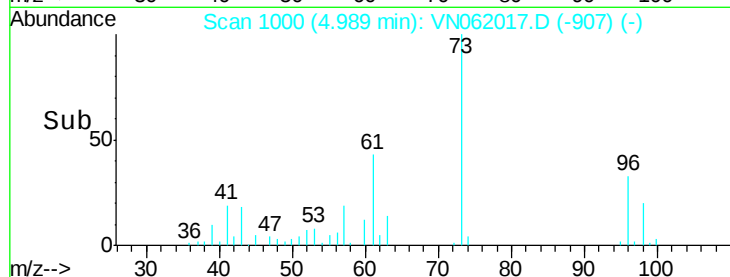
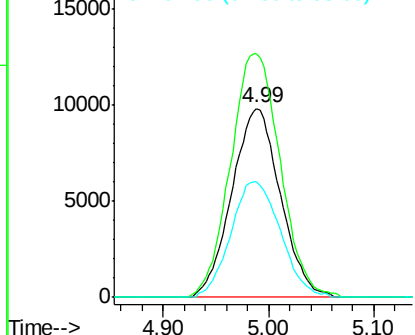


Abundance

Ion 95.90 (95.60 to 96.60): VN062017.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062017.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062017.D (-907) (-)



#22
Diisopropyl ether
Concen: 20.856 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.0	49.4	74.2
87	31.3	27.4	41.0
59	13.1	10.6	15.8

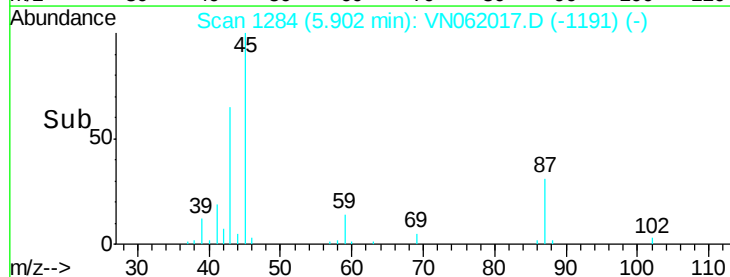
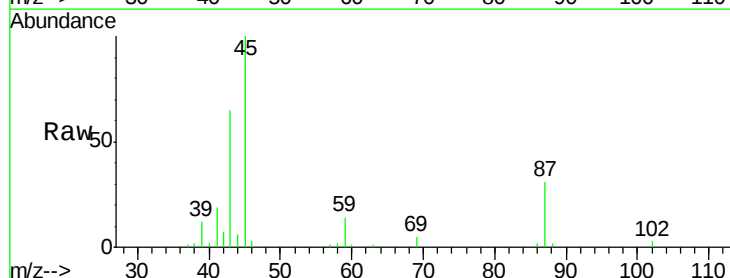
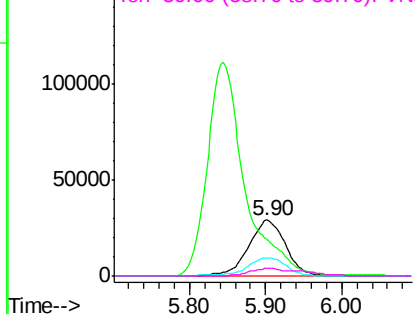
Abundance

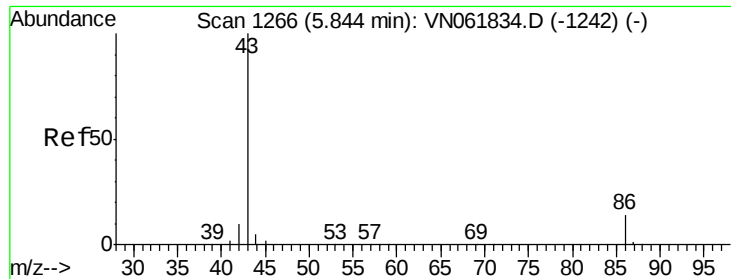
Ion 45.00 (44.70 to 45.70): VN062017.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062017.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062017.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062017.D (-1191) (-)





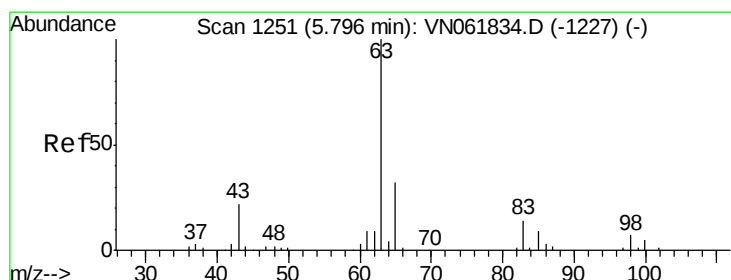
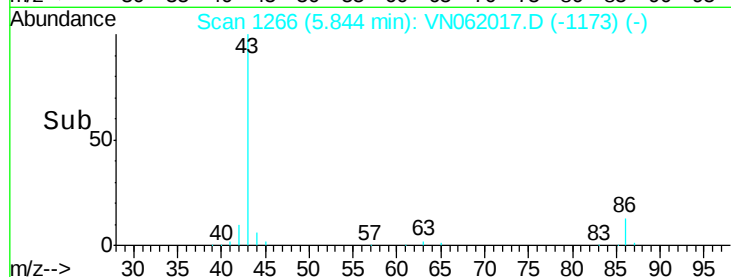
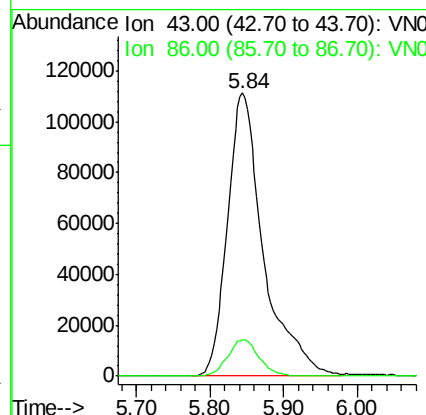
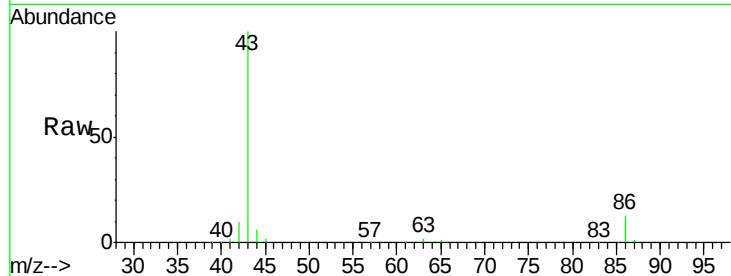
#23
 Vinyl Acetate
 Concen: 101.868 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	43	Resp	378942
Ion Ratio	100	Lower	Upper
43	100		
86	12.7	10.9	16.3

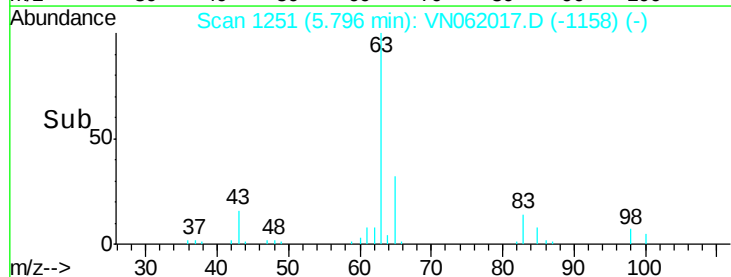
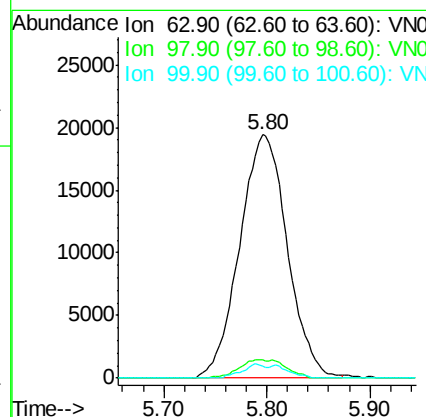
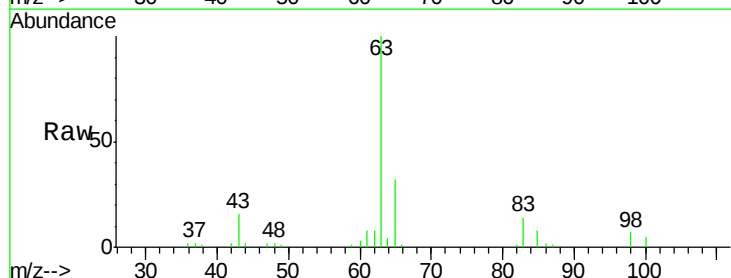
Manual Integrations
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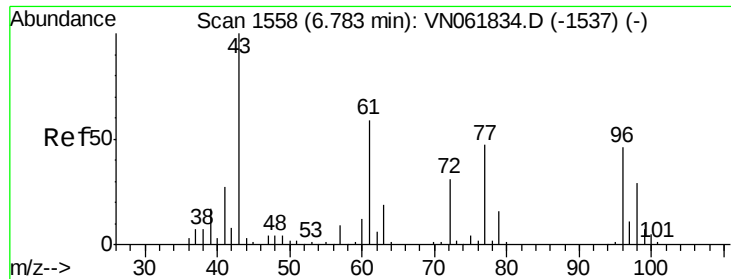
MMDadoda
 6/23/2020 12:47:14 PM



#24
 1,1-Dichloroethane
 Concen: 20.132 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	63	Resp	62333
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	3.5	10.4
100	4.8	2.5	7.4





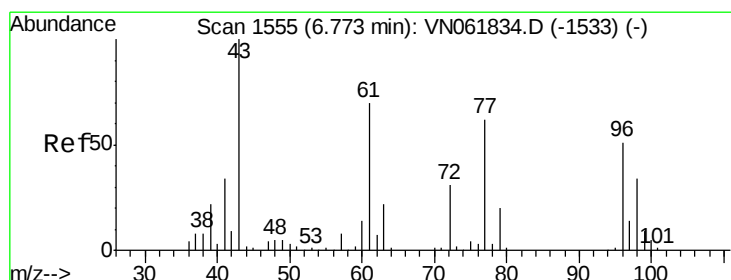
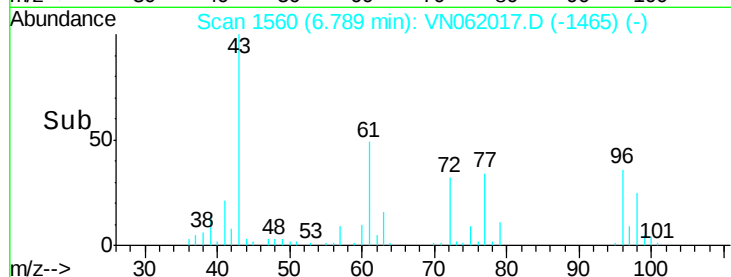
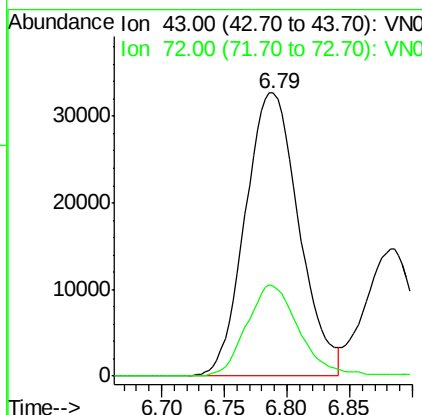
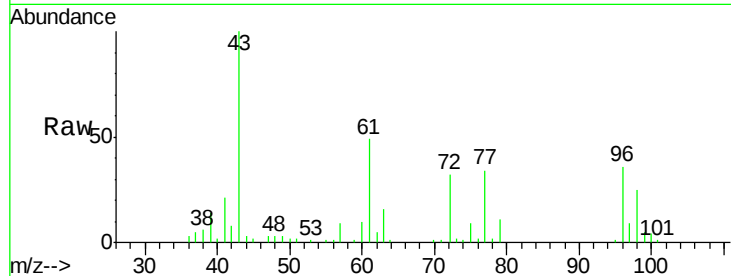
#25
2-Butanone
Concen: 110.146 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 43 Resp: 97631
Ion Ratio Lower Upper
43 100
72 31.6 24.6 37.0

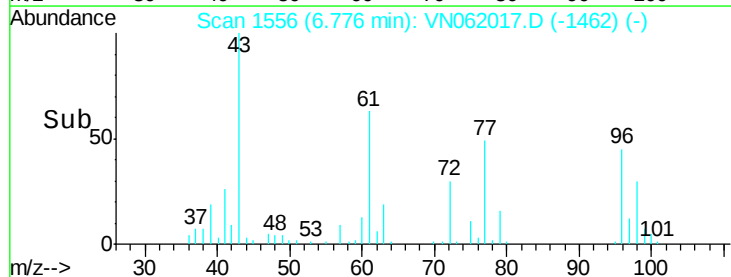
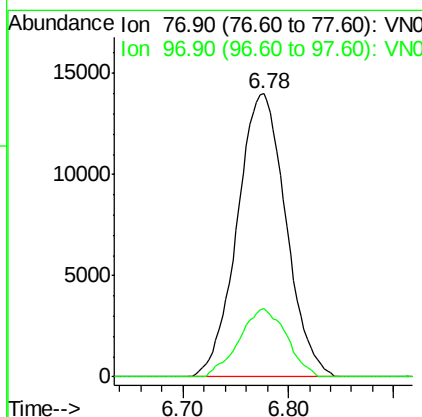
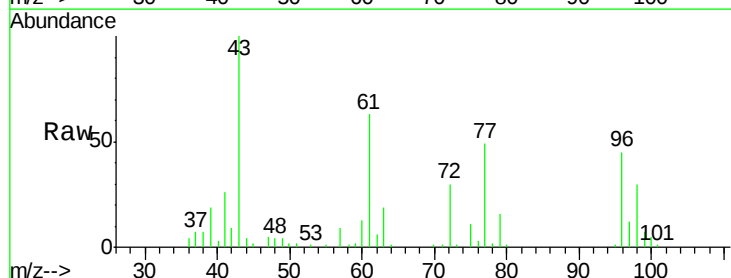
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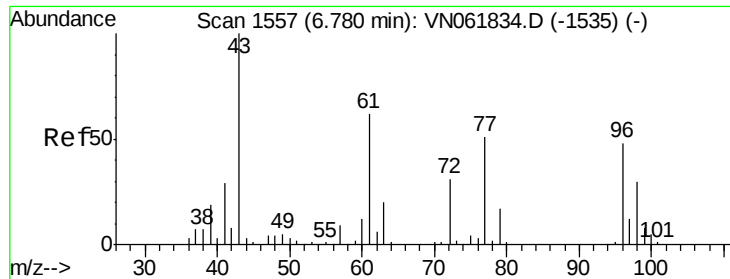
MMDadoda
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#26
2,2-Dichloropropane
Concen: 17.225 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 77 Resp: 44869
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.0





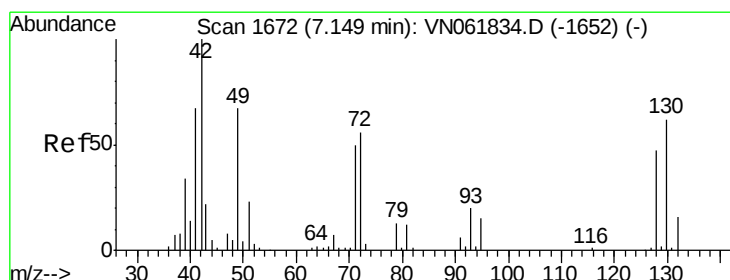
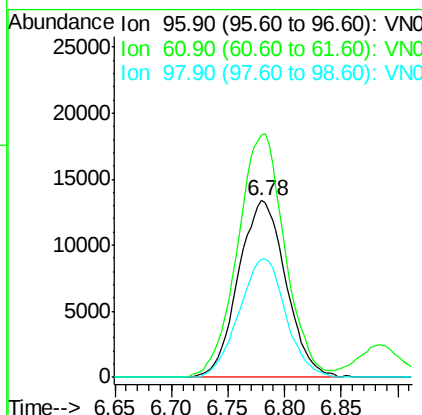
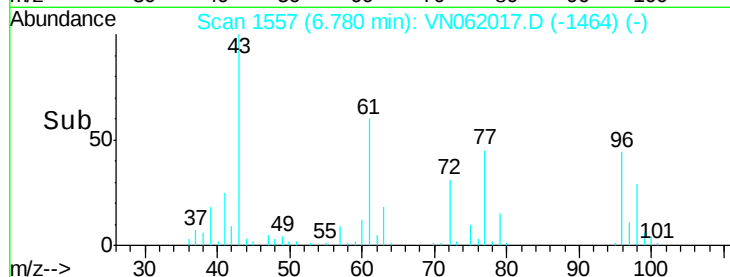
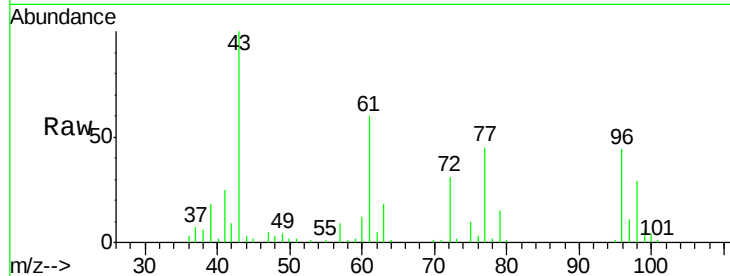
#27
 cis-1,2-Dichloroethene
 Concen: 18.905 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.1	0.0	265.6	
98	66.0	0.0	128.2	

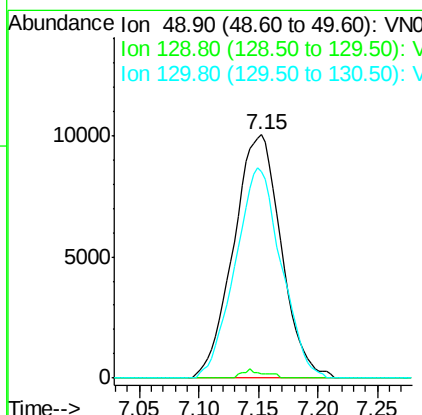
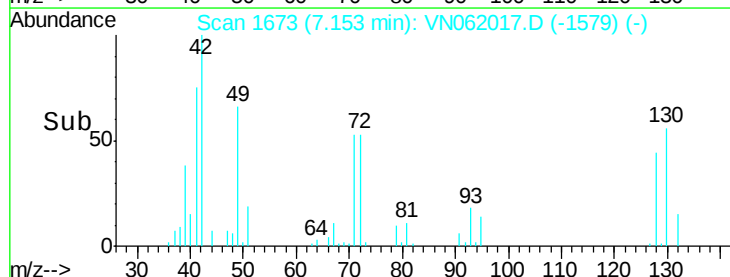
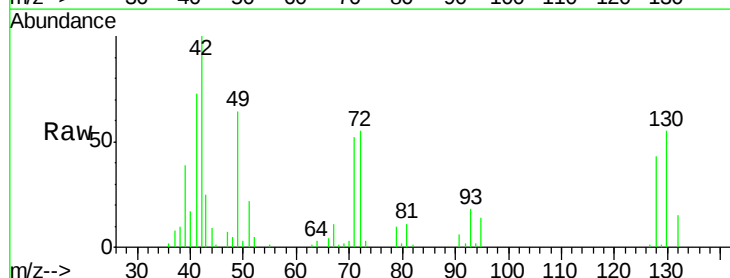
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#28
 Bromochloromethane
 Concen: 20.172 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	4.0	
130	83.7	72.2	108.2	





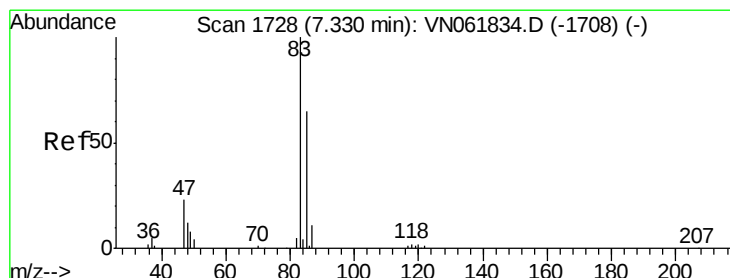
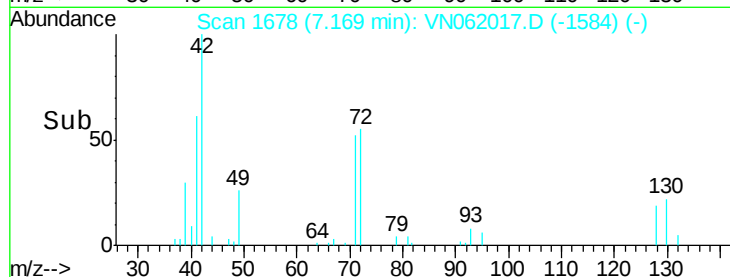
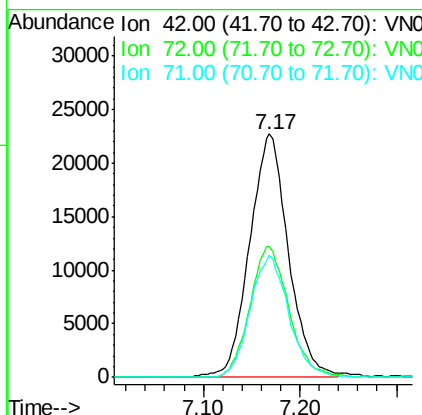
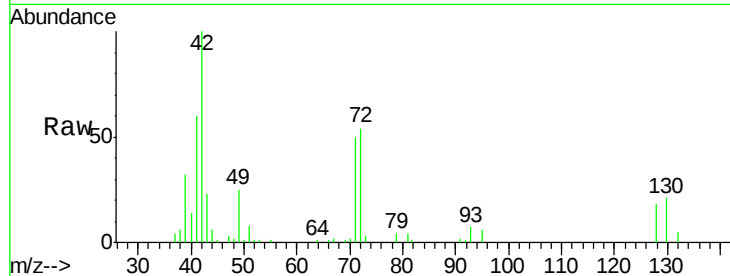
#29
Tetrahydrofuran
Concen: 108.475 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.0	44.0	66.0
71	49.7	40.0	60.0

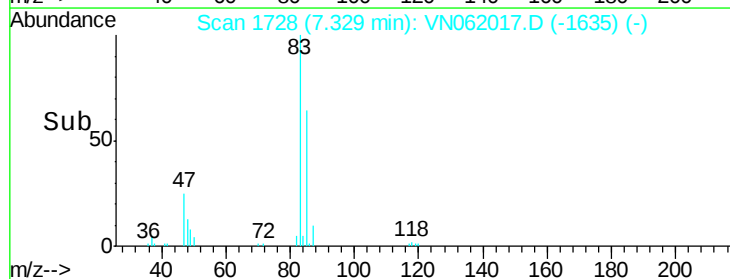
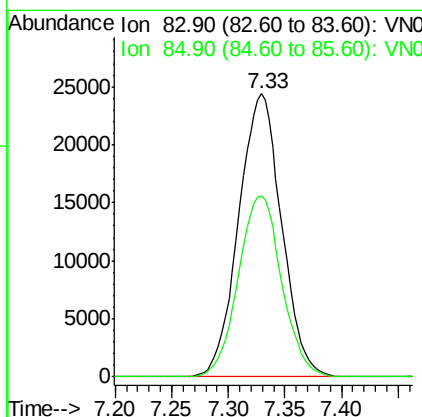
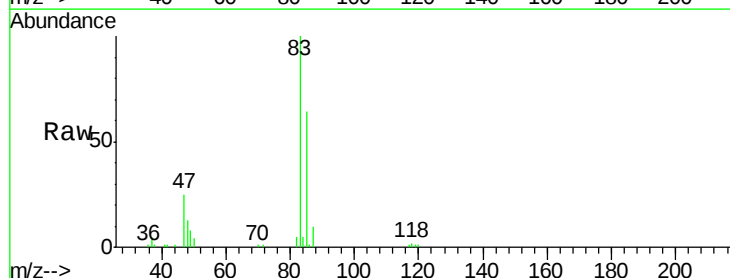
Manual Integrations
APPROVED

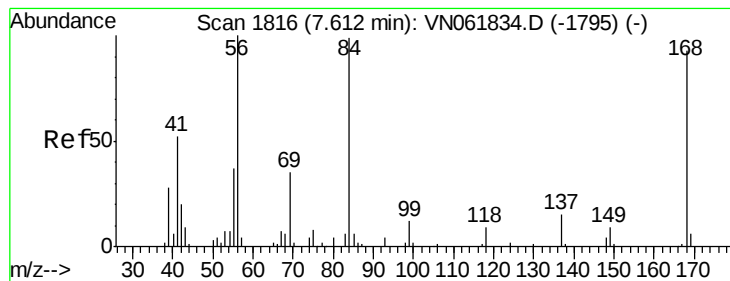
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#30
Chloroform
Concen: 19.420 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.0	78.0





#31

Cyclohexane

Concen: 16.567 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

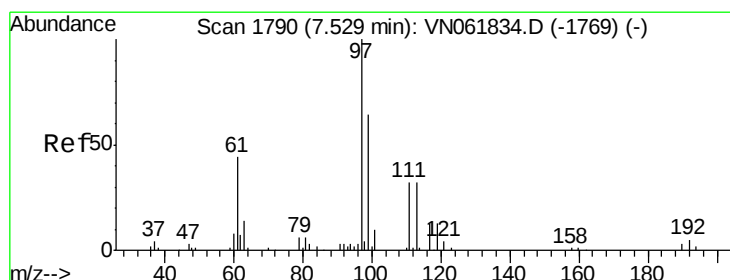
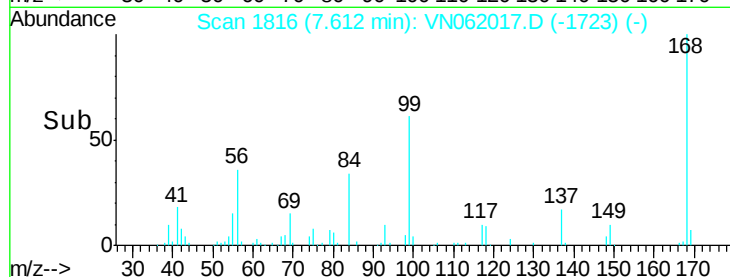
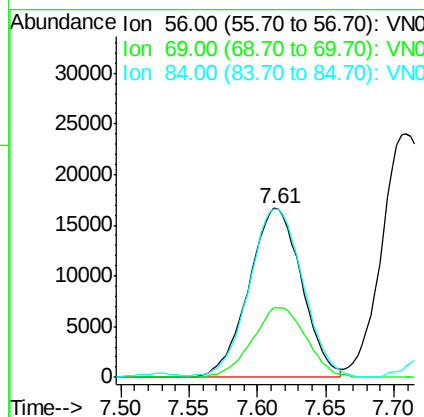
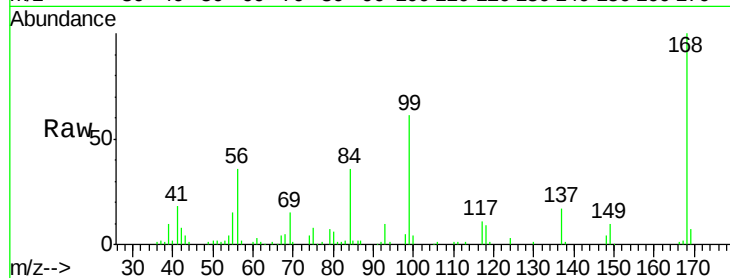
ClientSampleId :

VN0622WBS02

Tot Ion:	56	Resp:	44903
Ion	Ratio	Lower	Upper
56	100		
69	41.0	27.7	41.5
84	98.1	79.1	118.7

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#32

1,1,1-Trichloroethane

Concen: 18.562 ug/l

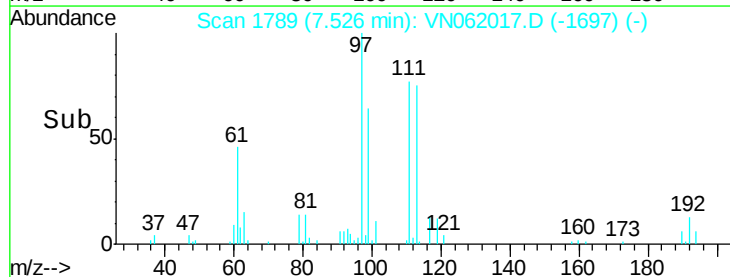
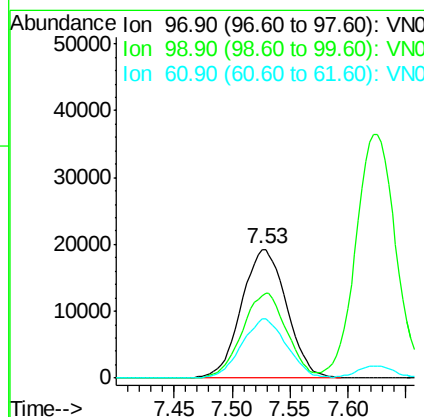
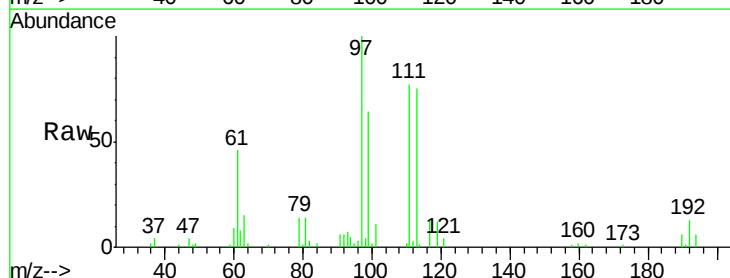
RT: 7.53 min Scan# 1789

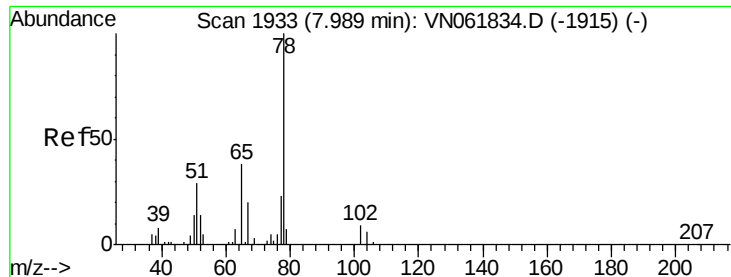
Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion:	97	Resp:	52309
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	45.6	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 55.252 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 65 Resp: 113639

Ion Ratio Lower Upper

65 100

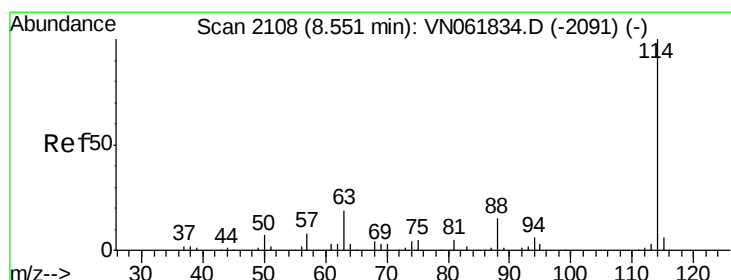
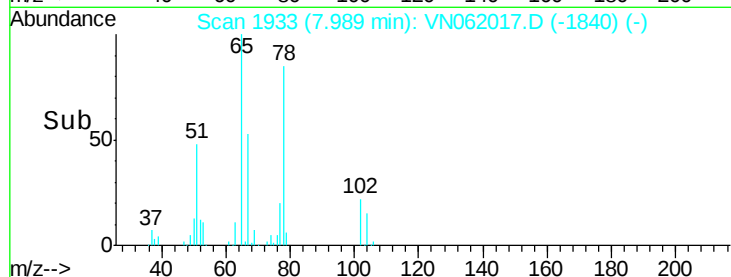
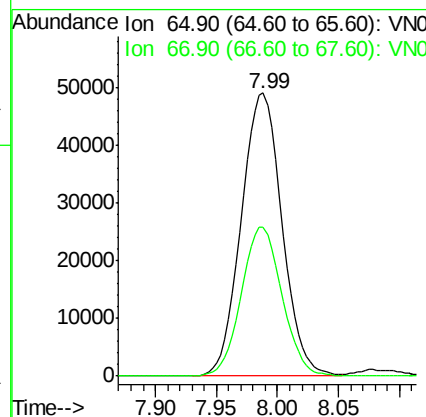
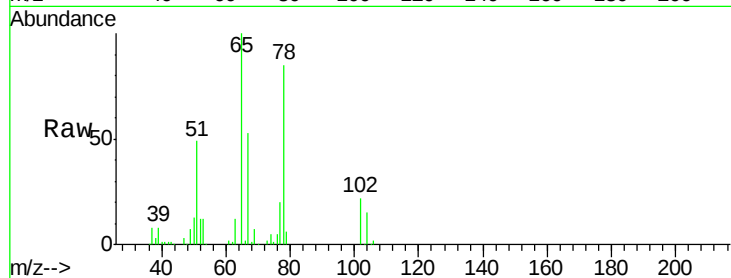
67 52.5 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

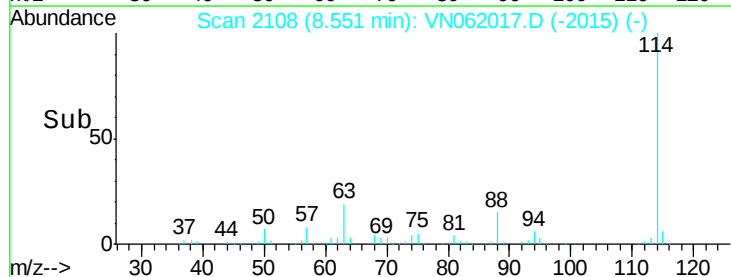
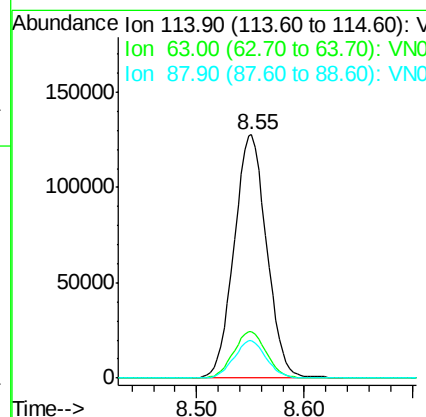
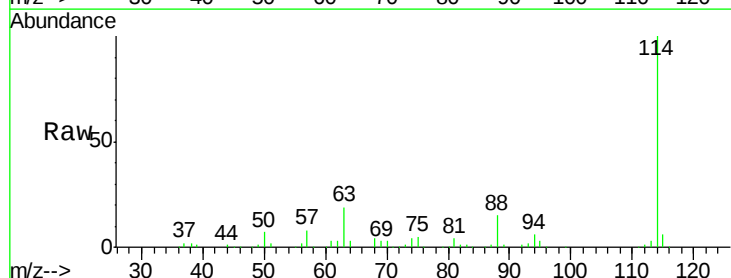
Tgt Ion: 114 Resp: 268846

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 15.4 0.0 31.0





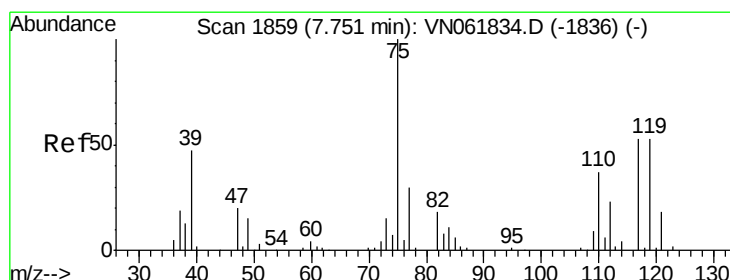
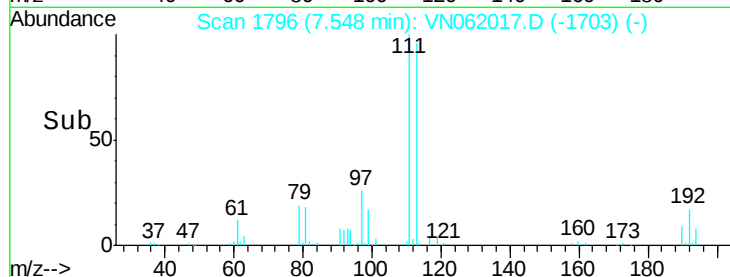
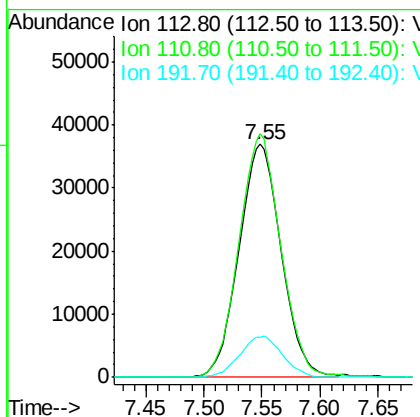
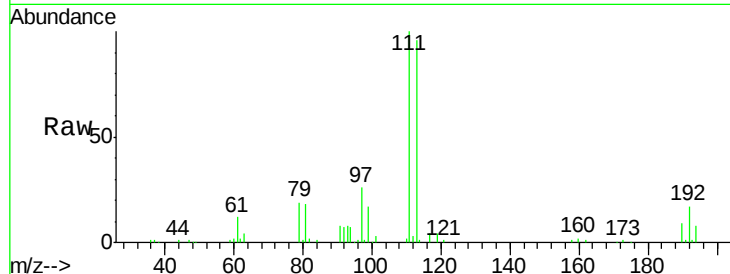
#35
 Dibromofluoromethane
 Concen: 54.422 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.7	125.5
192	17.8	13.9	20.9

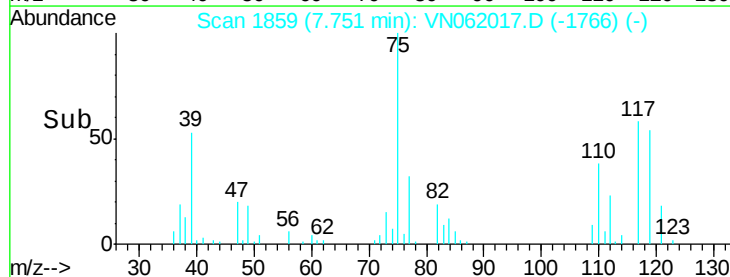
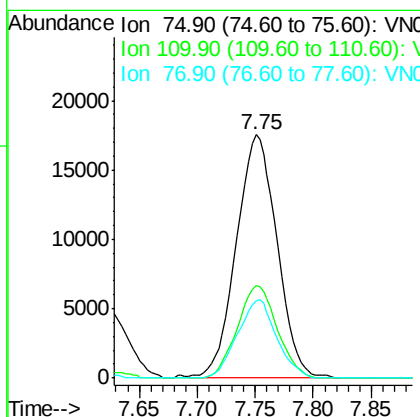
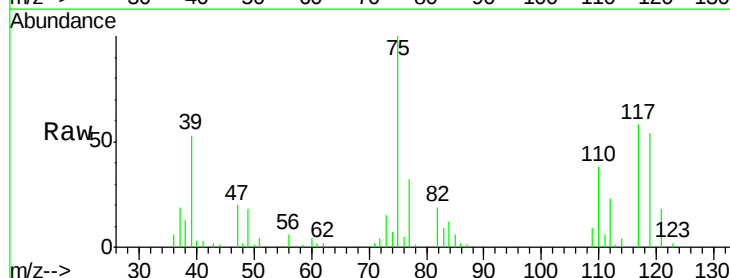
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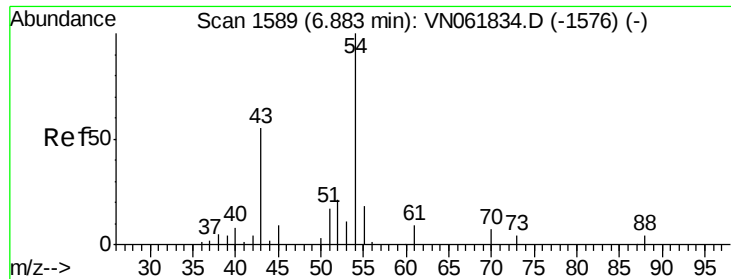
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#36
 1,1-Dichloropropene
 Concen: 17.433 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.2	54.6
77	31.0	24.2	36.4





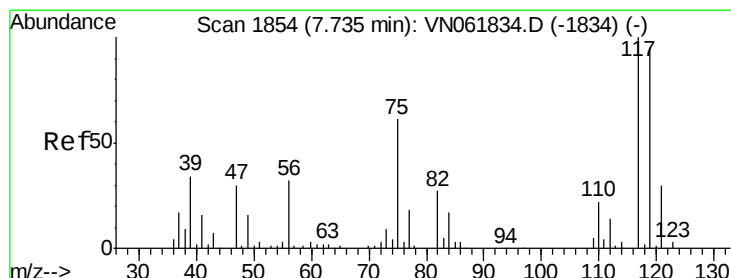
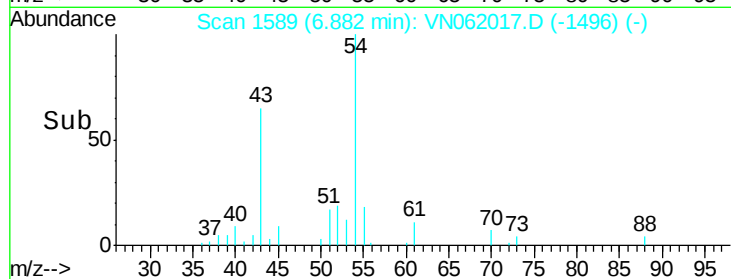
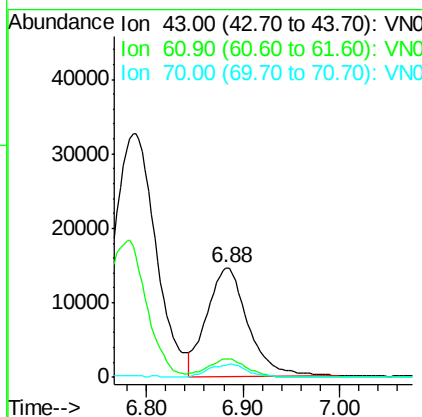
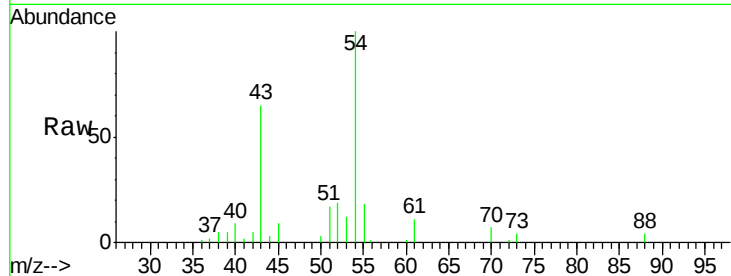
#37
Ethyl Acetate
Concen: 22.621 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	43	61	70	Ratio	Lower	Upper
43317	100	15.8	11.3		13.0	19.4
					9.4	14.2

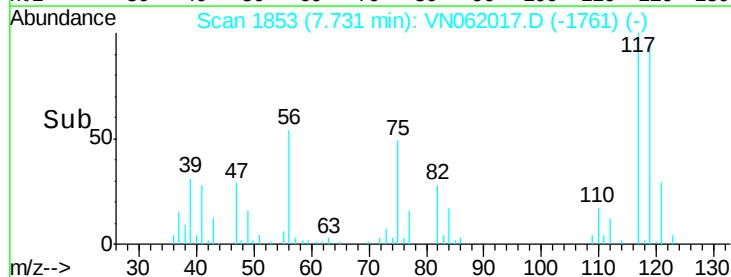
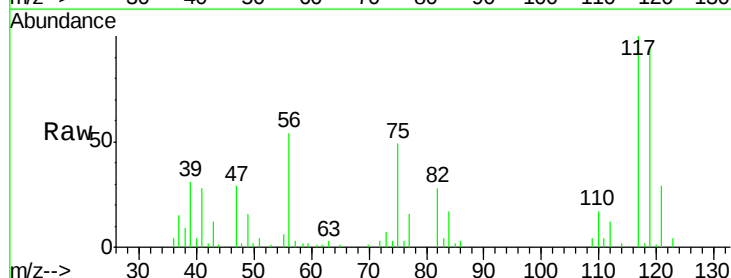
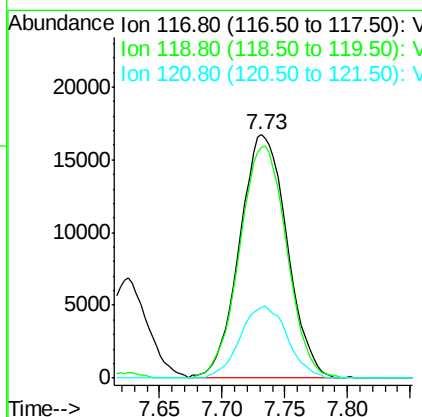
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#38
Carbon Tetrachloride
Concen: 18.156 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	117	119	121	Ratio	Lower	Upper
44090	100	95.0	29.1		75.8	113.6
					23.8	35.6





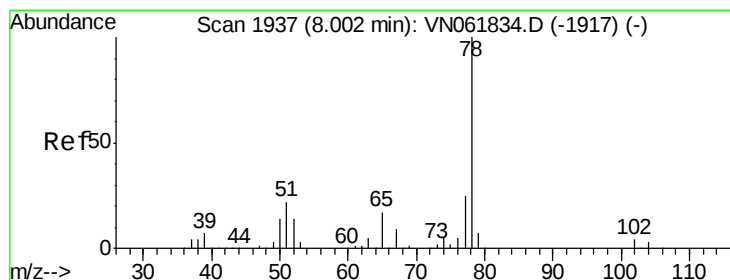
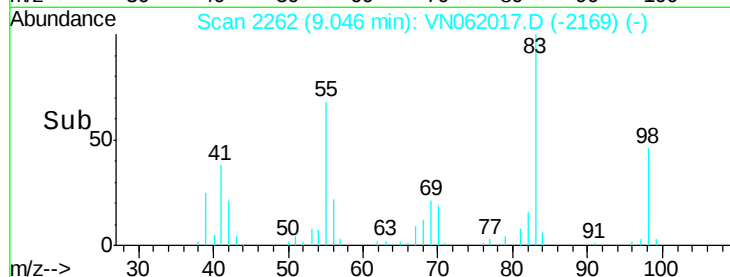
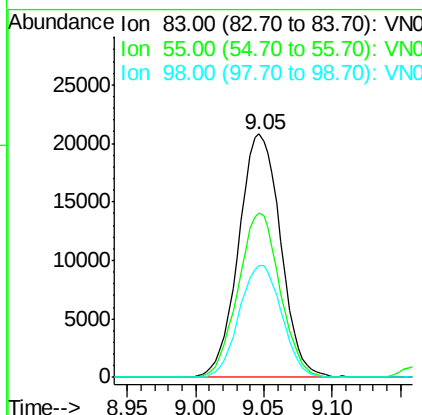
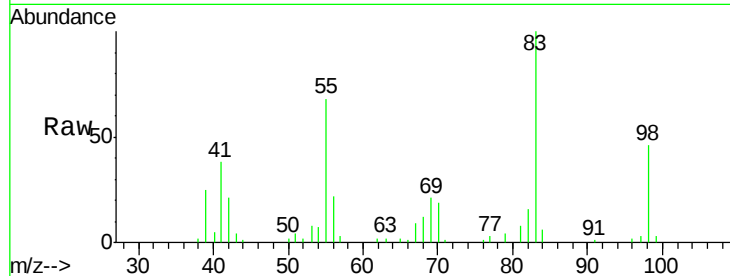
#39
Methvlcvclohexane
Concen: 16.816 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	54.2	81.4
98	46.0	39.8	59.6

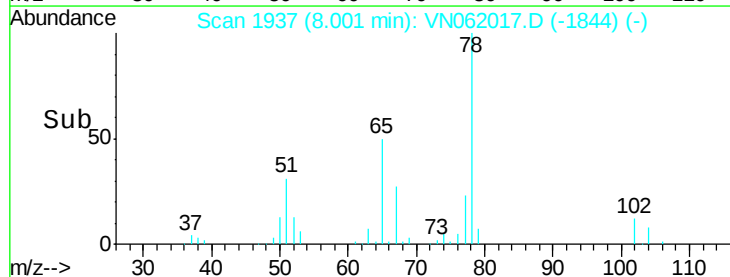
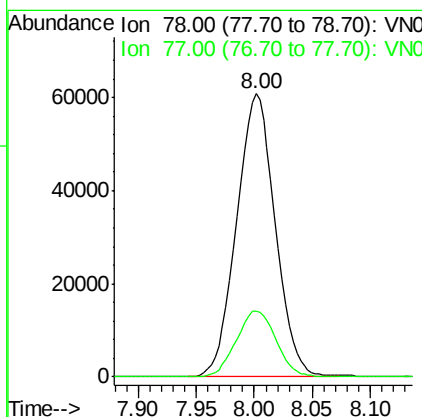
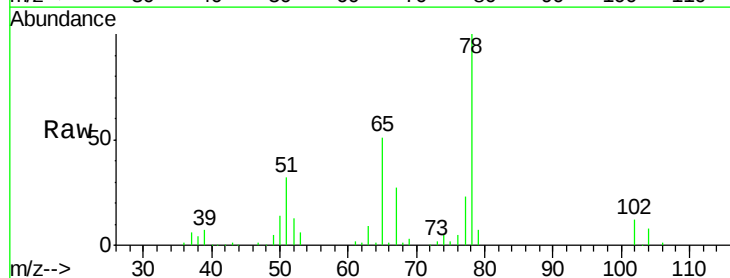
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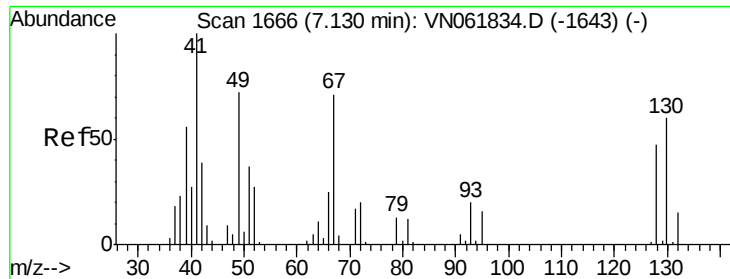
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#40
Benzene
Concen: 18.936 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.7	29.5





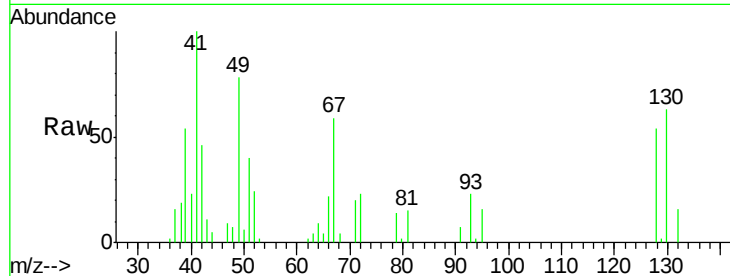
#41
Methacrylonitrile
Concen: 21.305 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	94.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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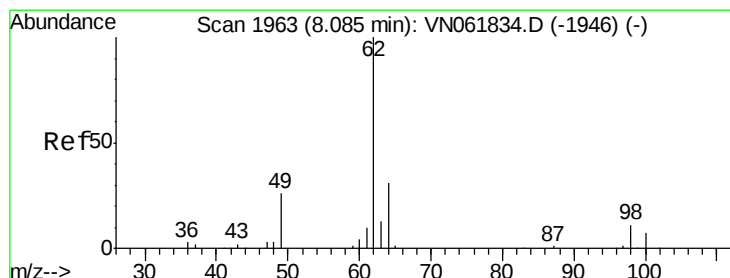
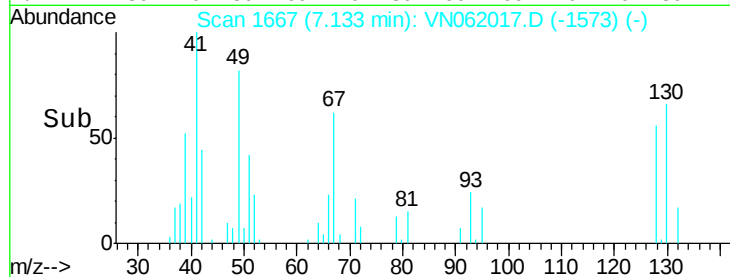
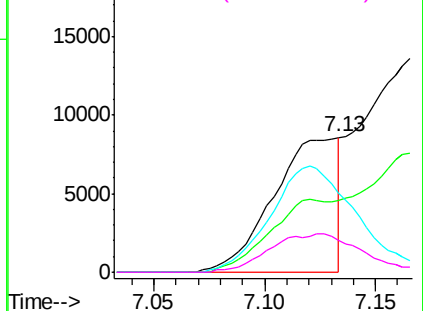
Abundance

Ion 41.00 (40.70 to 41.70): VN061834.D (-1643) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-1643) (-)

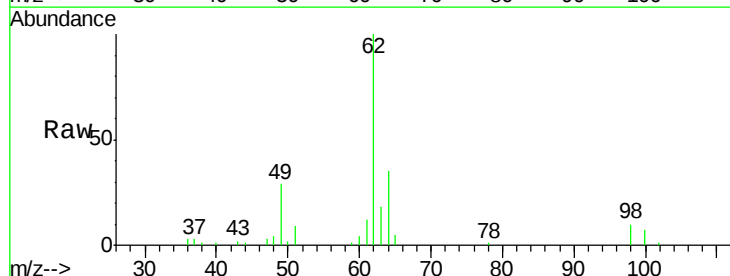
Ion 67.00 (66.70 to 67.70): VN061834.D (-1643) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-1643) (-)



#42
1,2-Dichloroethane
Concen: 20.044 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

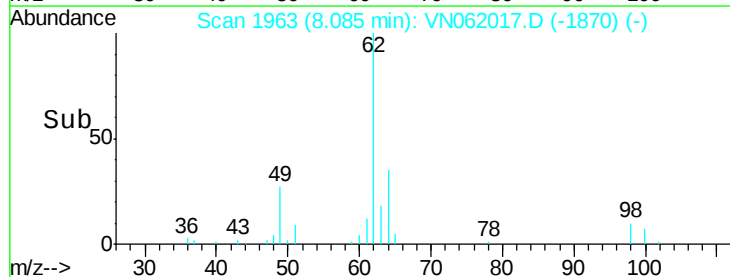
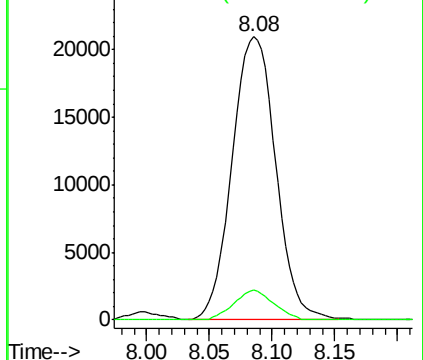
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4

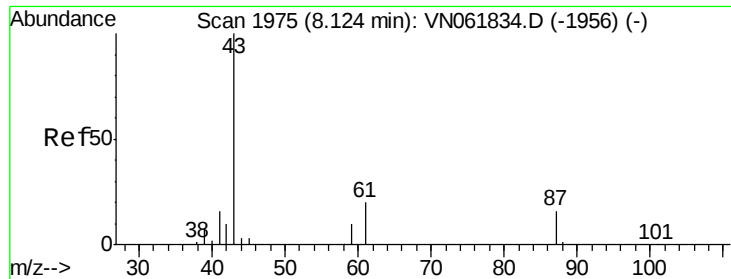


Abundance

Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1946) (-)





#43

Isopropyl Acetate

Concen: 21.136 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

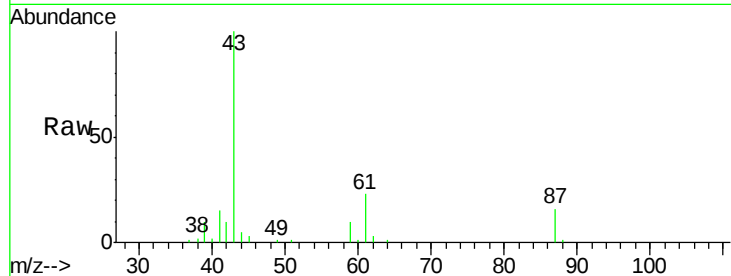
ClientSampleId :

VN0622WBS02

Tot Ion:	43	Resp:	68206
Ion	Ratio	Lower	Upper
43	100		
61	22.9	24.0	36.0#
87	15.6	12.5	18.7

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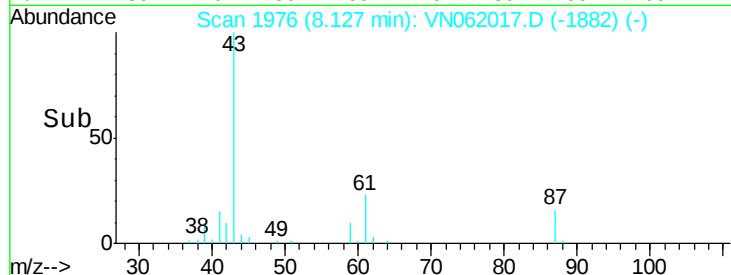


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

Time-->



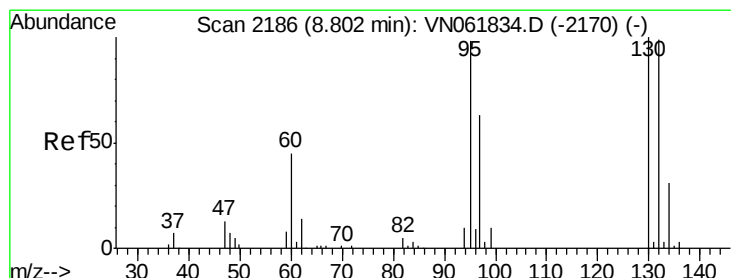
Abundance

Ion 43.00 (42.70 to 43.70): VN062017.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN062017.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN062017.D (-1882) (-)

Time-->



#44

Trichloroethene

Concen: 18.105 ug/l

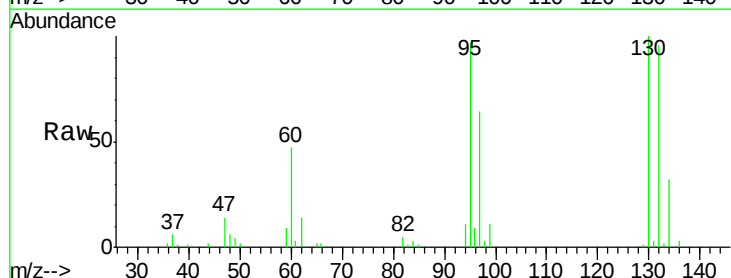
RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

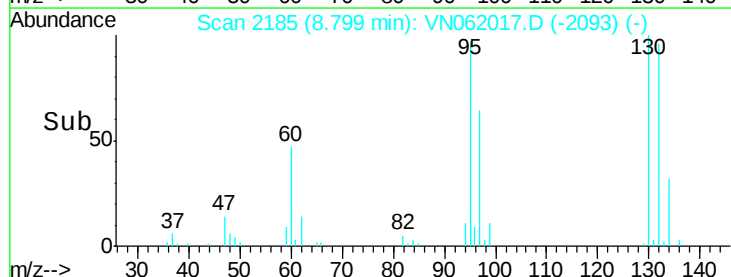
Tgt Ion:	130	Resp:	35393
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

Time-->

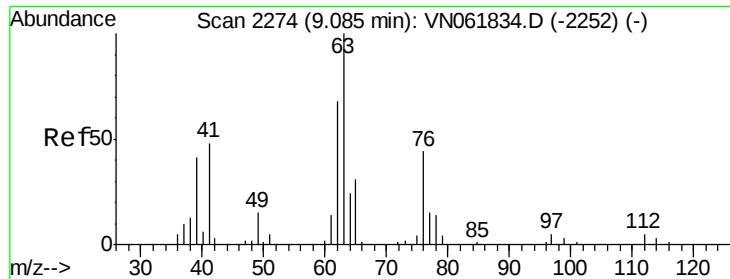


Abundance

Ion 129.80 (129.50 to 130.50): VN062017.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062017.D (-2093) (-)

Time-->



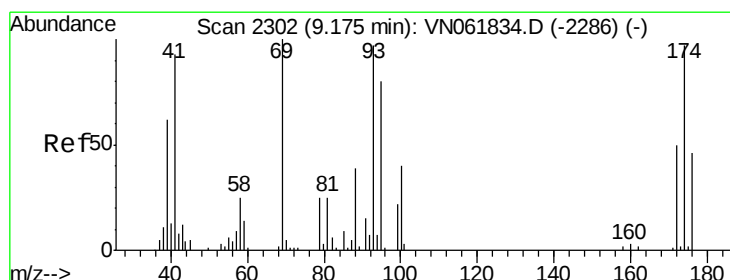
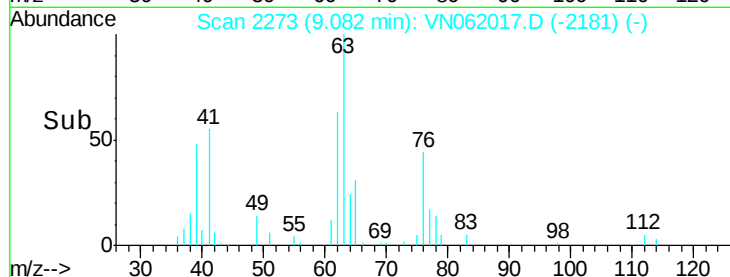
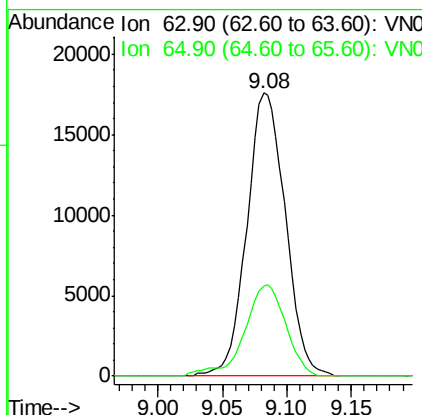
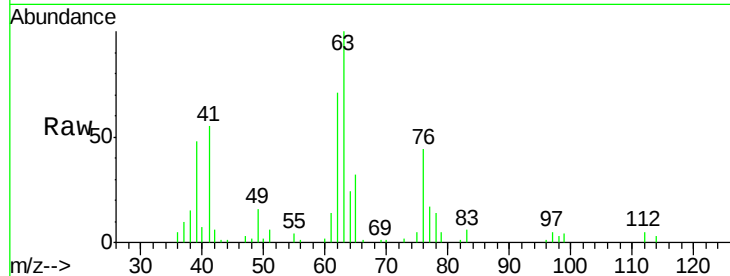
#45
 1,2-Dichloropropane
 Concen: 20.062 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 63 Resp: 36622
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7

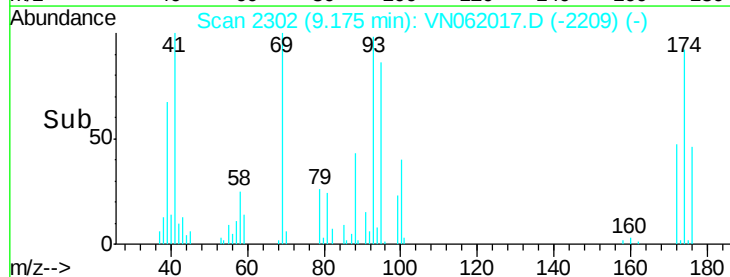
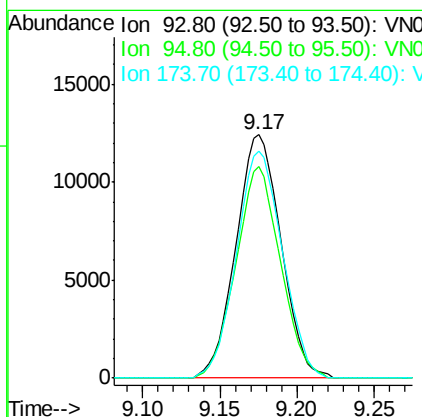
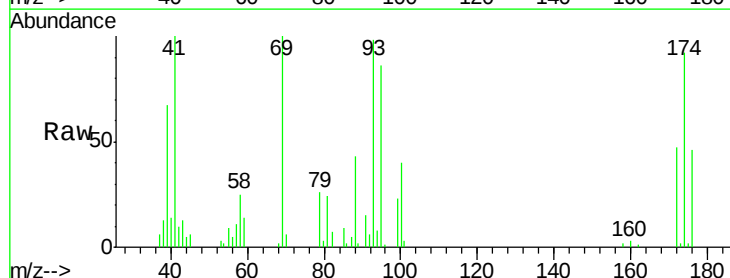
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#46
 Dibromomethane
 Concen: 19.596 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 93 Resp: 25190
 Ion Ratio Lower Upper
 93 100
 95 85.8 65.8 98.6
 174 95.1 78.5 117.7





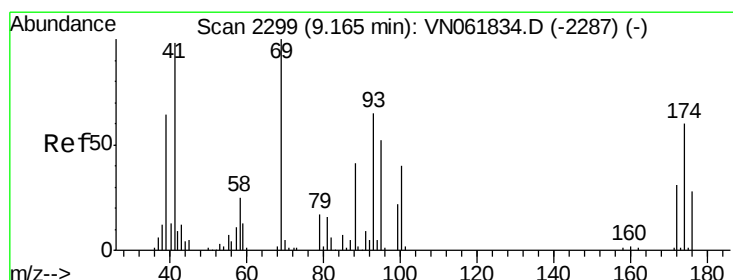
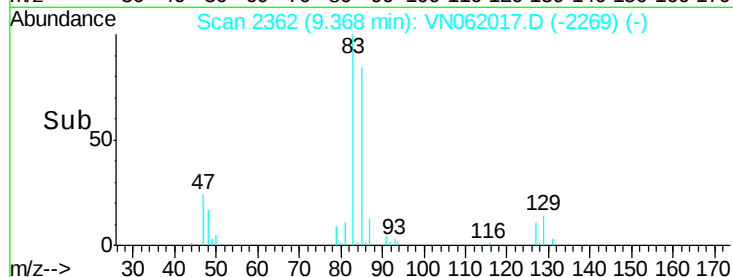
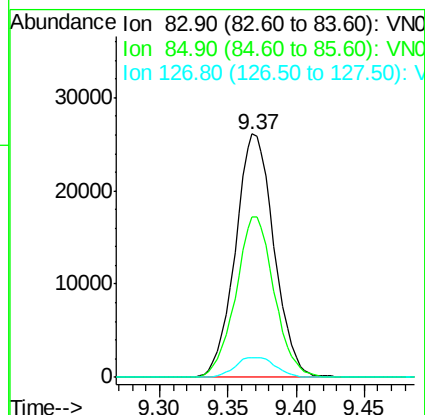
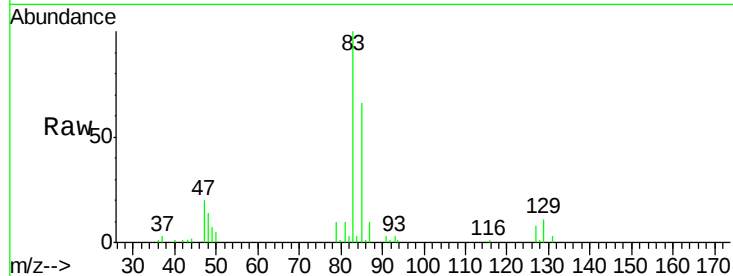
#47
Bromodichloromethane
Concen: 19.478 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	83	Resp	51270
Ion Ratio	100	Lower	Upper
83	100		
85	66.0	50.8	76.2
127	8.3	7.0	10.4

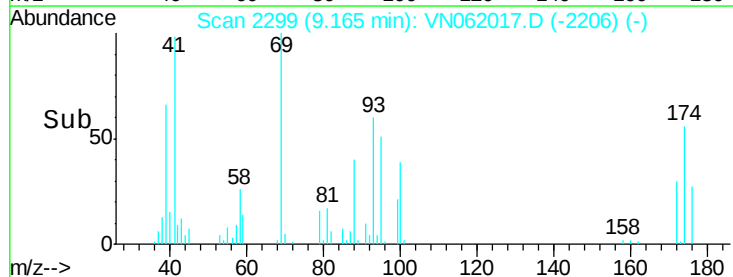
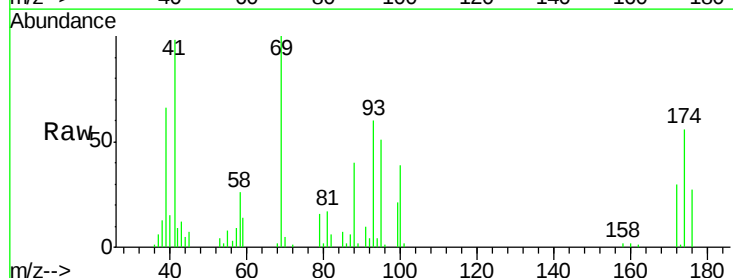
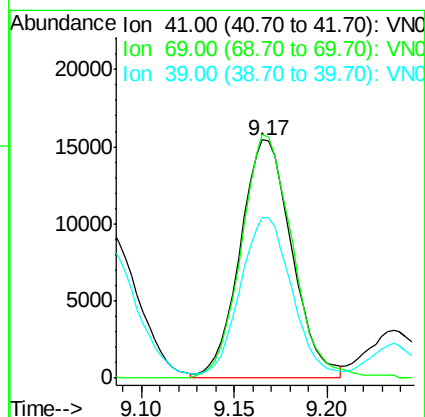
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#48
Methyl methacrylate
Concen: 20.402 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	41	Resp	29941
Ion Ratio	100	Lower	Upper
41	100		
69	100.8	83.0	124.4
39	67.9	55.1	82.7





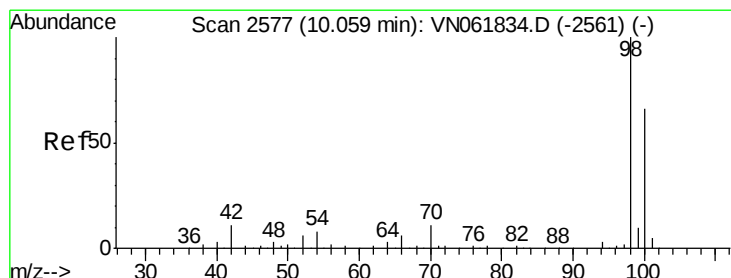
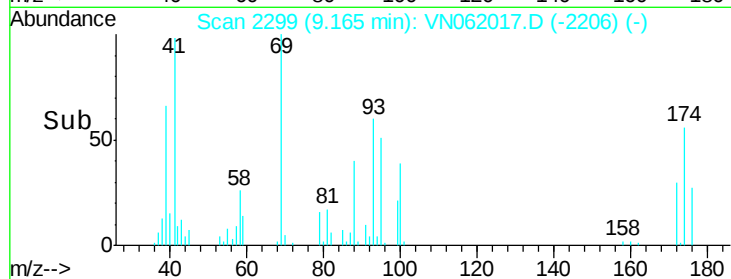
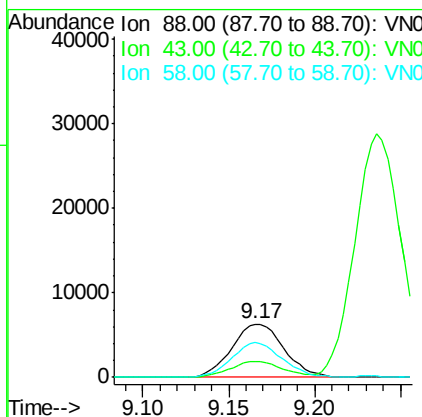
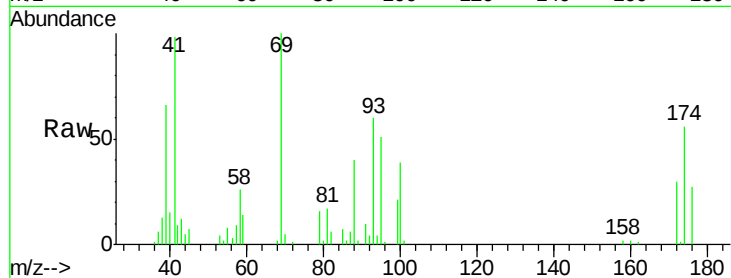
#49
1,4-Dioxane
Concen: 394.707 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	88	Resp	13299
Ion Ratio	Lower	Upper	
88	100		
43	30.2	23.4	35.2
58	62.5	49.8	74.6

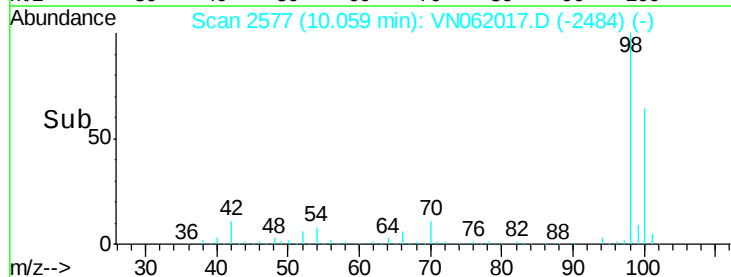
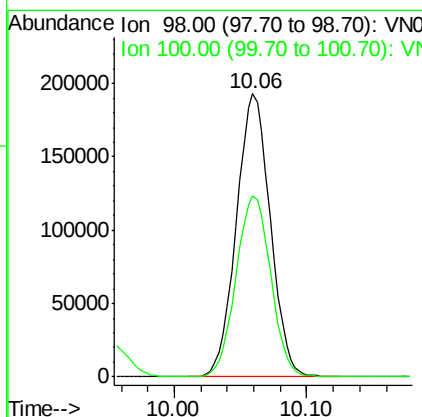
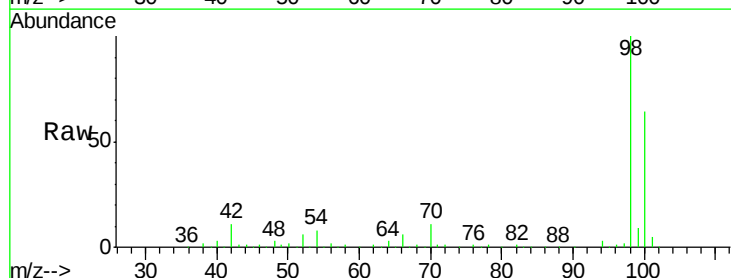
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#50
Toluene-d8
Concen: 50.787 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	98	Resp	343409
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 108.013 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 43 Resp: 205980

Ion Ratio Lower Upper

43 100

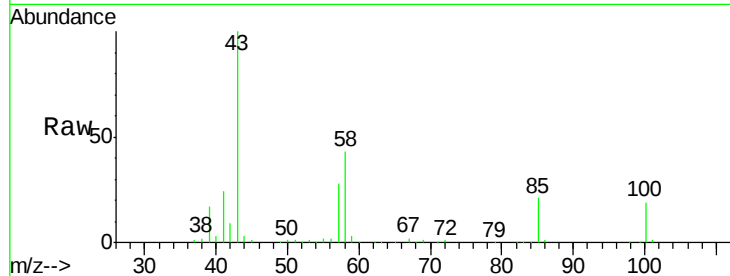
58 43.4 34.6 52.0

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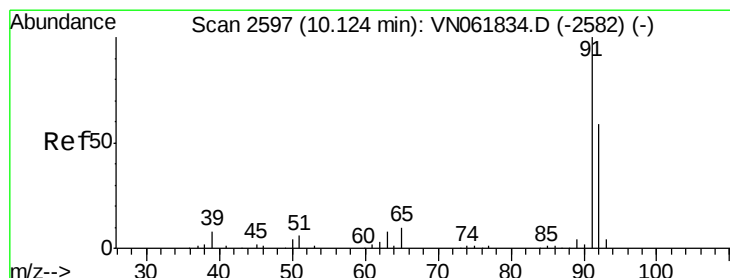
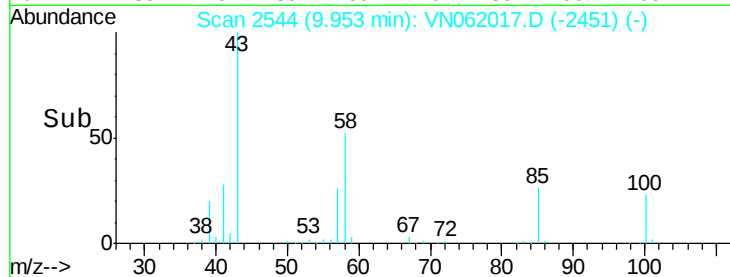
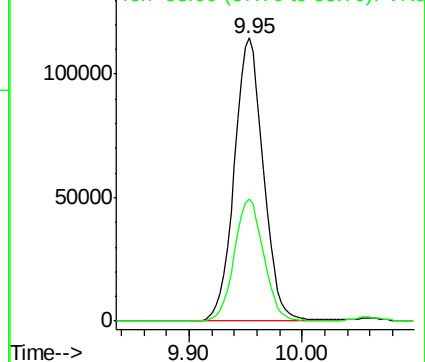
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.982 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062017.D

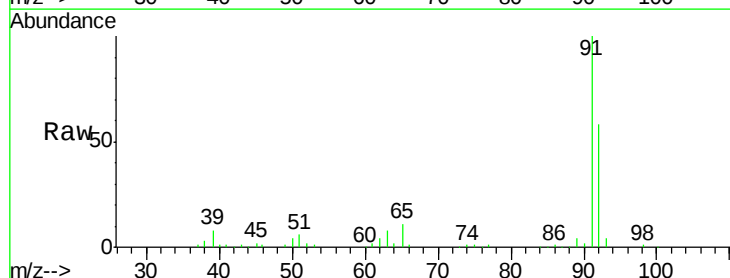
Acq: 22 Jun 2020 23:32

Tgt Ion: 92 Resp: 88554

Ion Ratio Lower Upper

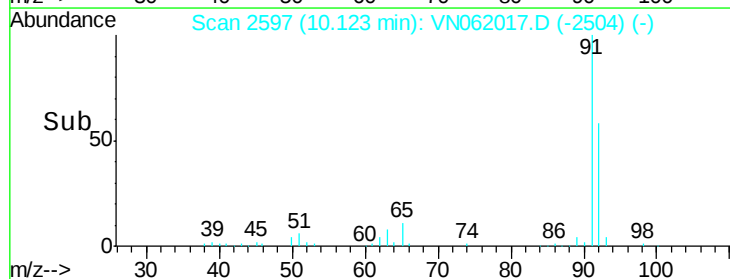
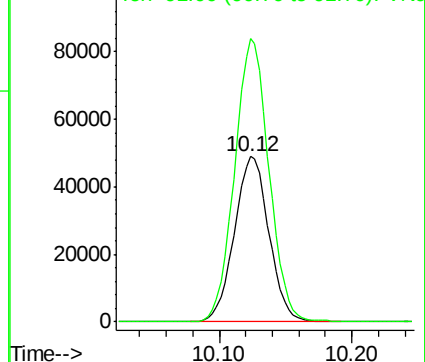
92 100

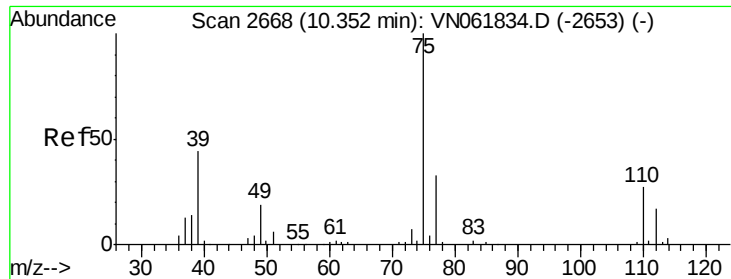
91 169.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





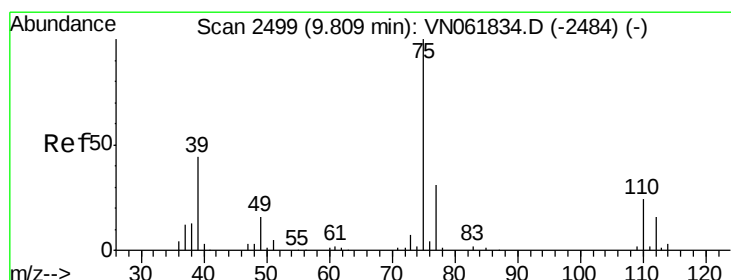
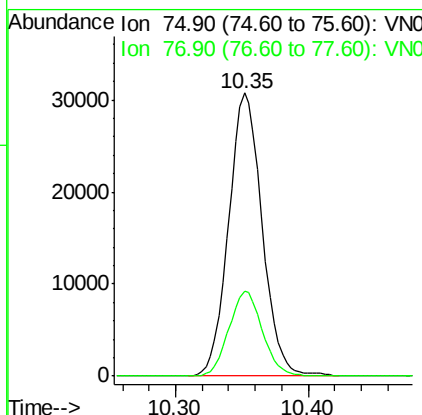
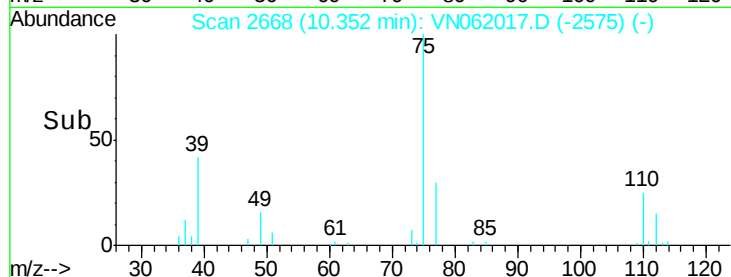
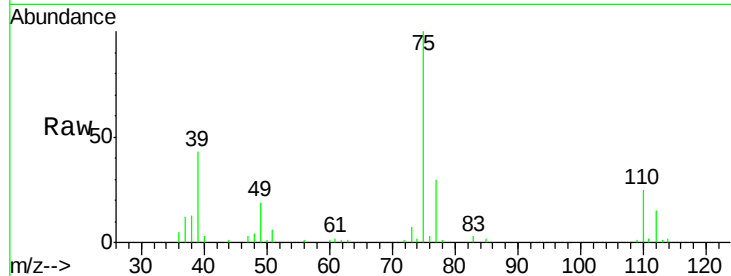
#53
t-1,3-Dichloropropene
Concen: 19.288 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 75 Resp: 53896
Ion Ratio Lower Upper
75 100
77 29.9 26.3 39.5

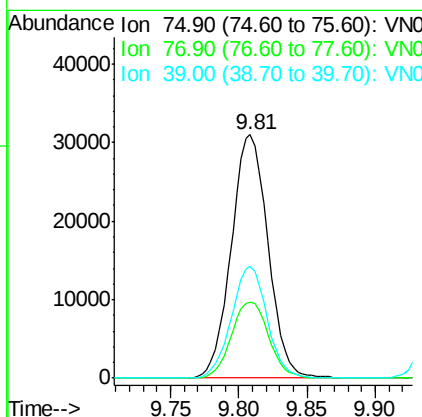
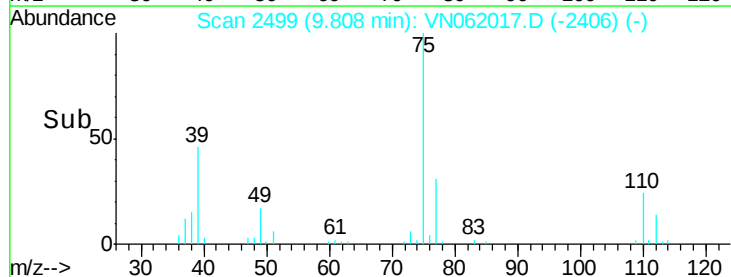
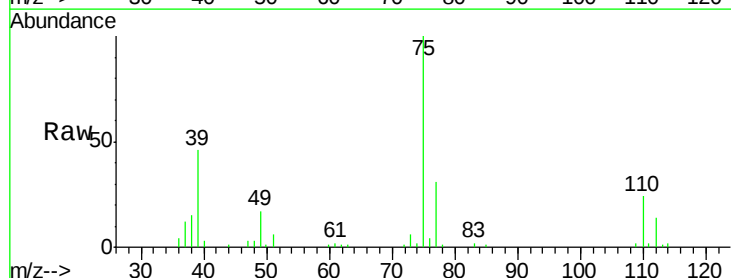
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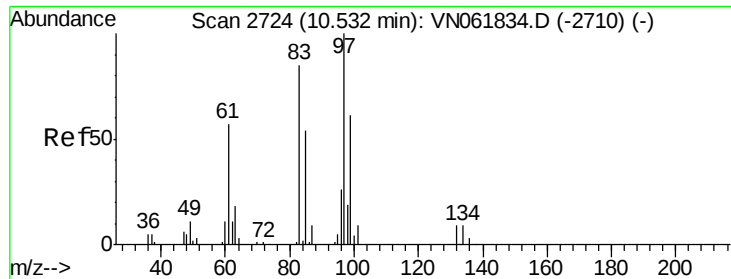
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#54
cis-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 75 Resp: 58004
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 46.1 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 20.775 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

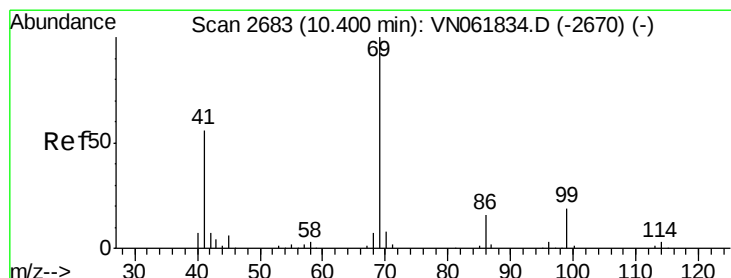
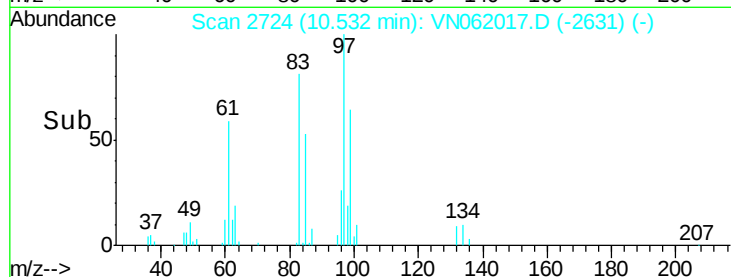
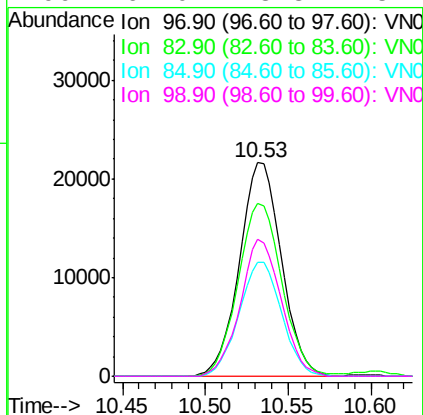
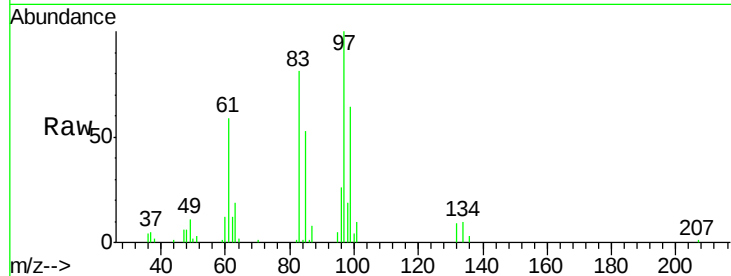
ClientSampleId :

VN0622WBS02

Tot Ion:	97	Resp:	38133
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.7	101.5
85	53.4	43.4	65.0
99	64.0	48.8	73.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.477 ug/l

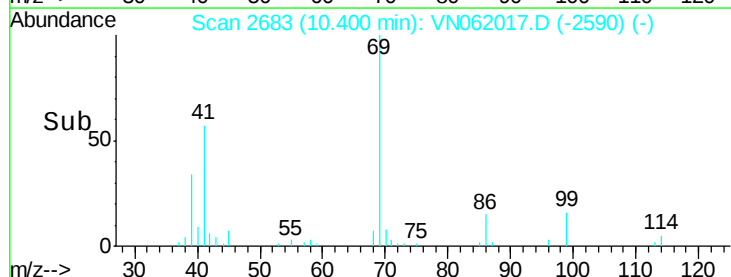
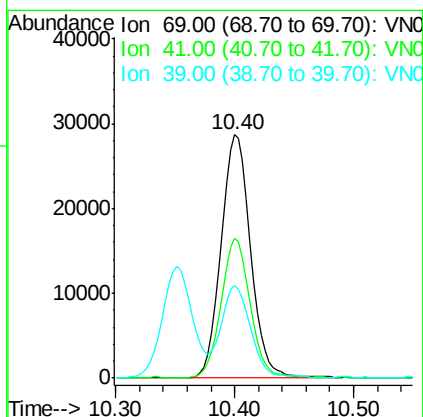
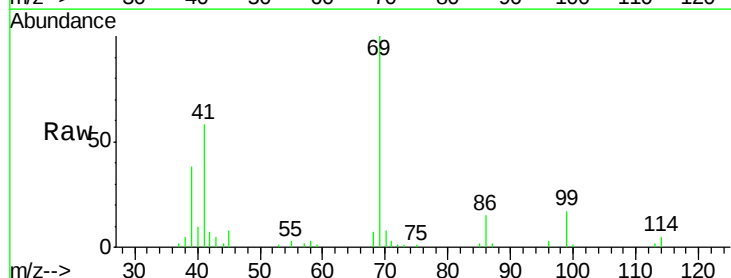
RT: 10.40 min Scan# 2683

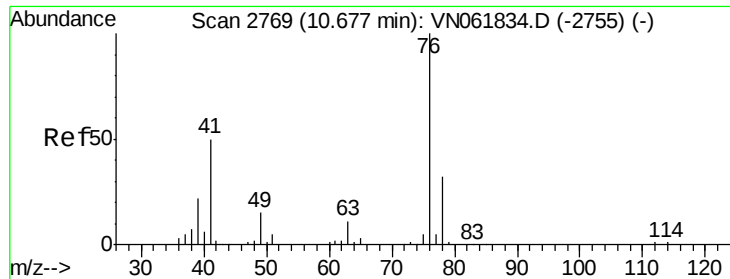
Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion:	69	Resp:	49332
Ion	Ratio	Lower	Upper
69	100		
41	56.8	44.9	67.3
39	36.6	30.0	45.0





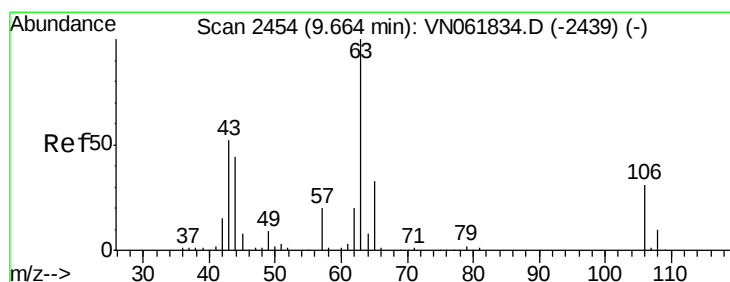
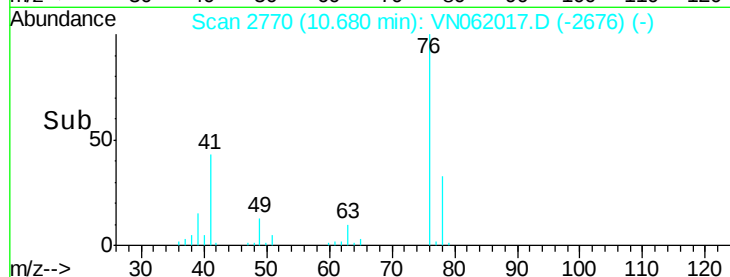
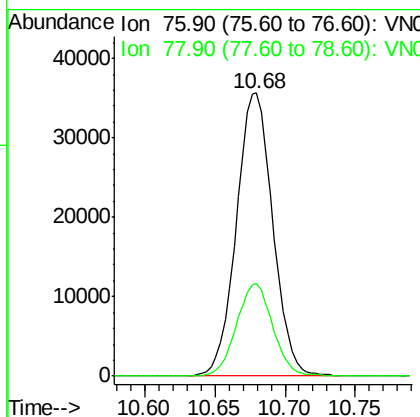
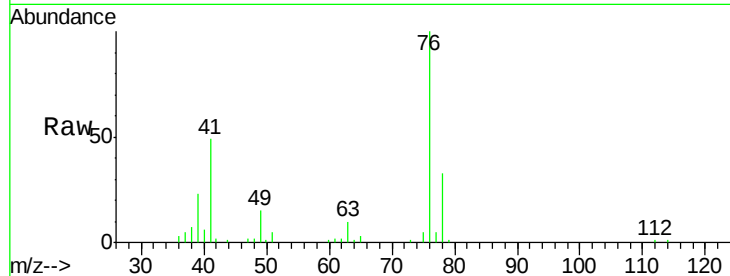
#57
 1,3-Dichloropropane
 Concen: 20.753 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 76 Resp: 64533
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

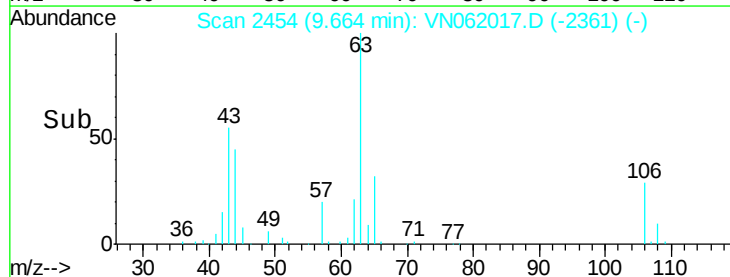
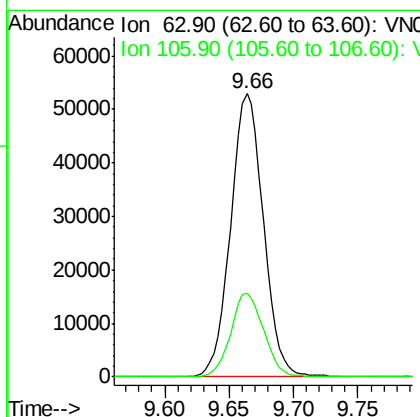
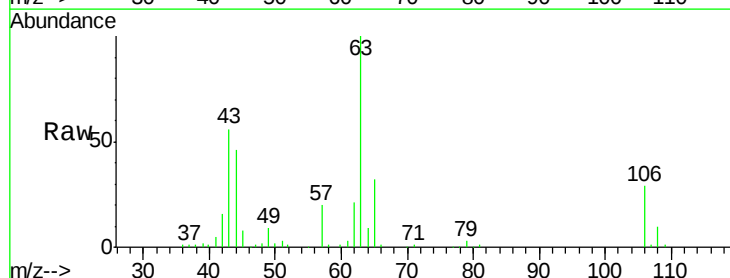
Manual Integrations
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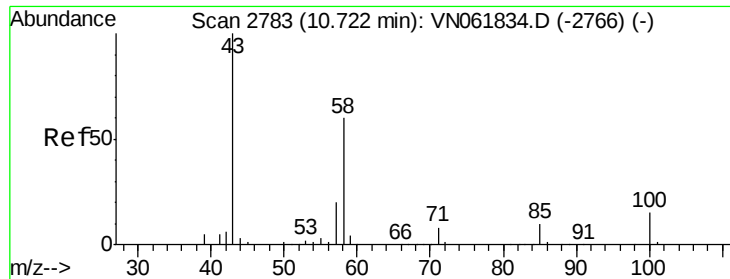
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.456 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 63 Resp: 93438
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.6 36.8





#59

2-Hexanone

Concen: 104.043 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 43 Resp: 145910

Ion Ratio Lower Upper

43 100

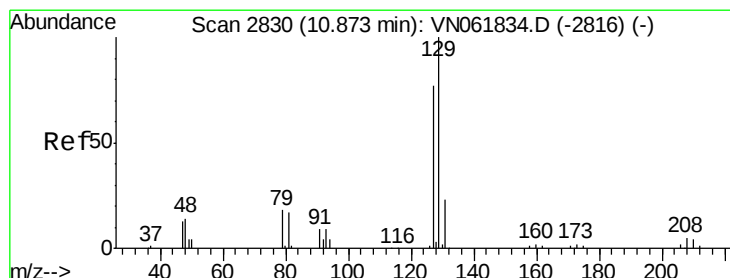
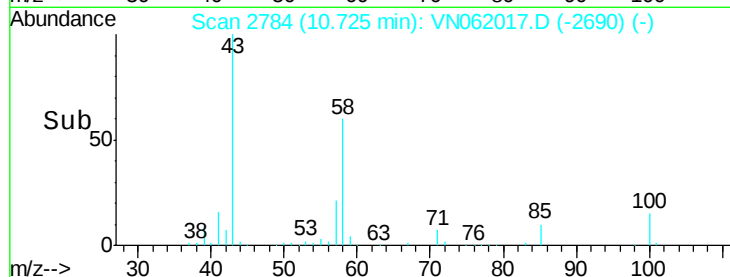
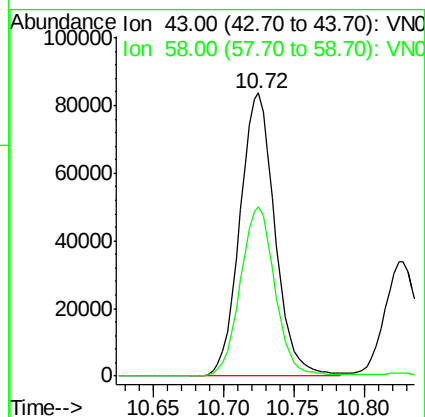
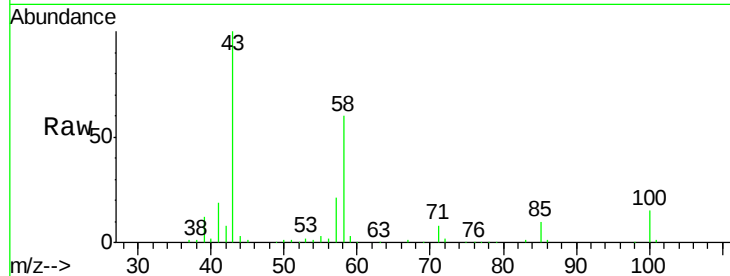
58 59.3 30.1 90.5

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#60

Dibromochloromethane

Concen: 19.191 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062017.D

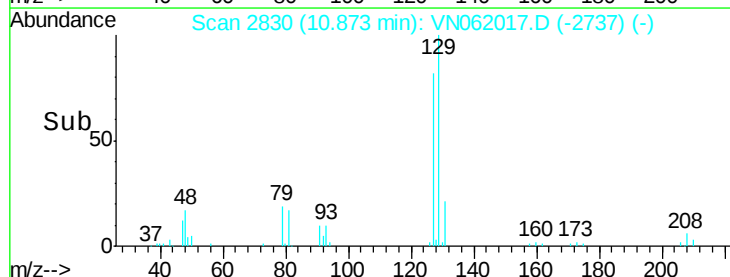
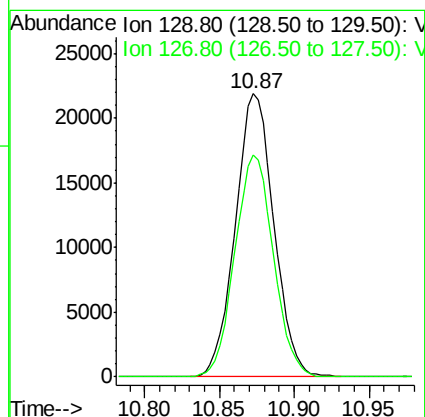
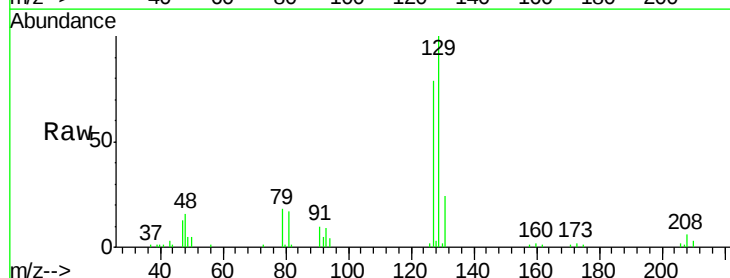
Acq: 22 Jun 2020 23:32

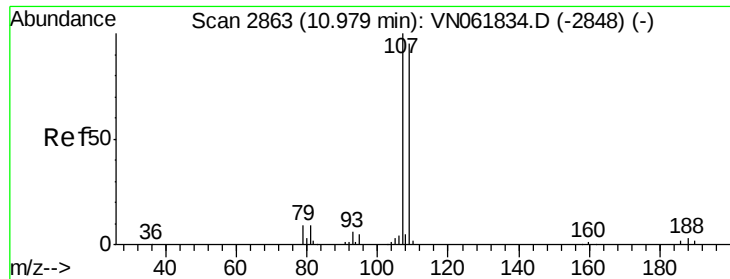
Tgt Ion: 129 Resp: 39305

Ion Ratio Lower Upper

129 100

127 78.4 38.5 115.5





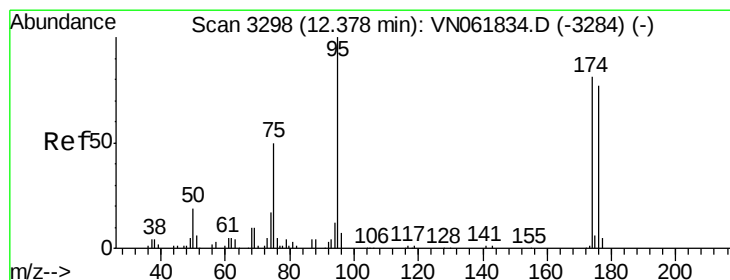
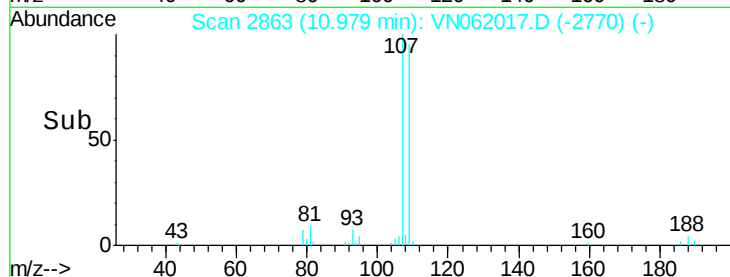
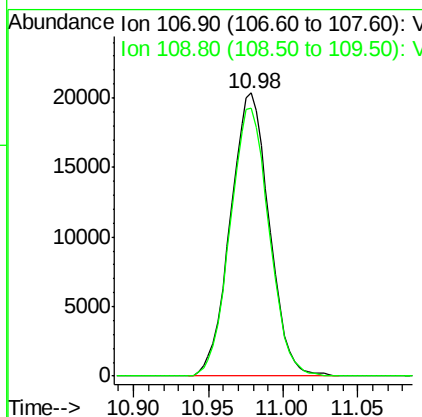
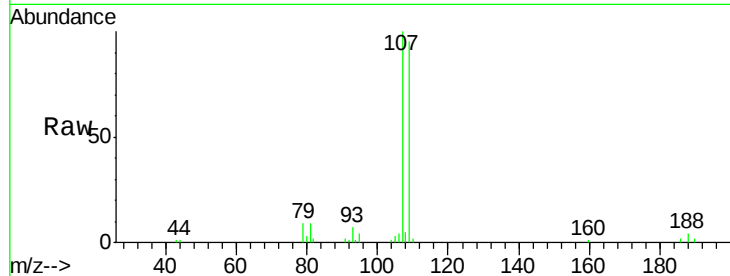
#61
 1,2-Dibromoethane
 Concen: 19.158 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 107 Resp: 36718
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6

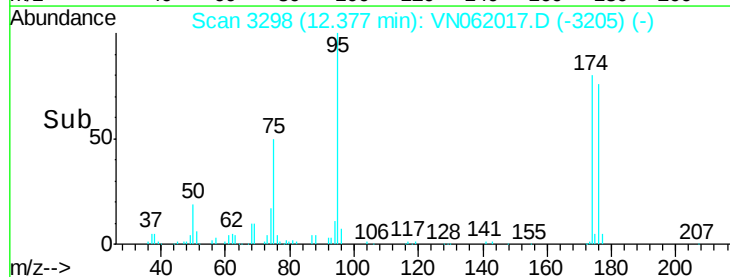
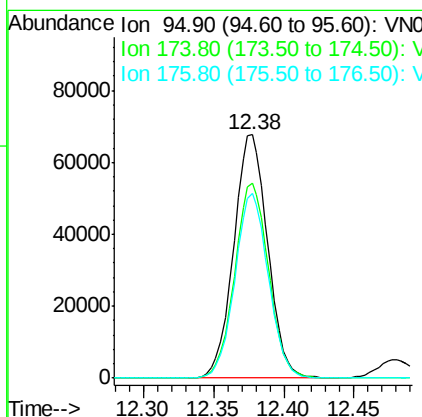
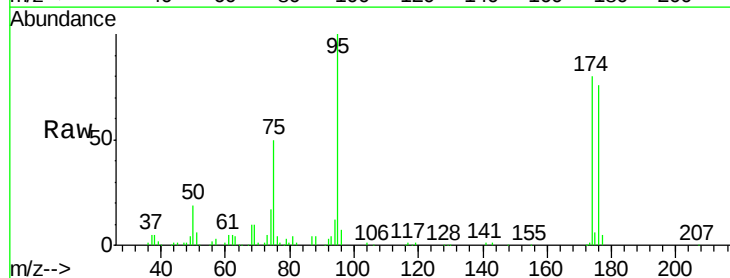
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.305 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 95 Resp: 114357
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 158.6
 176 74.8 0.0 152.0





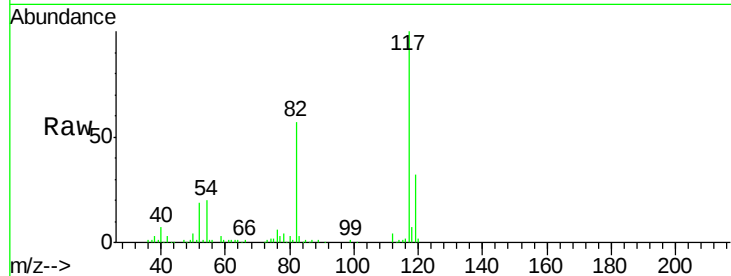
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.6	64.0
119	32.4	24.7	37.1

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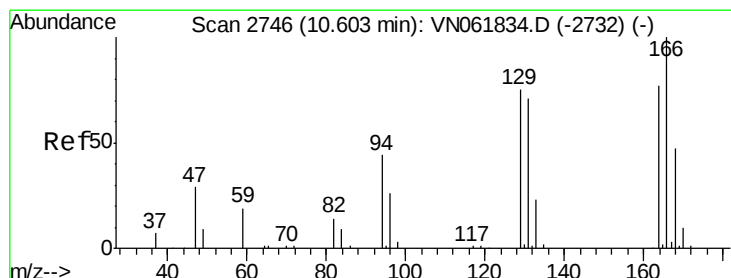
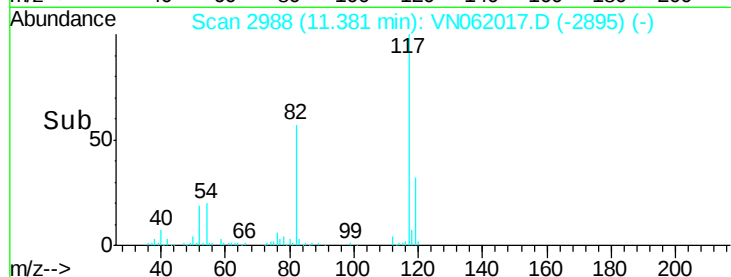
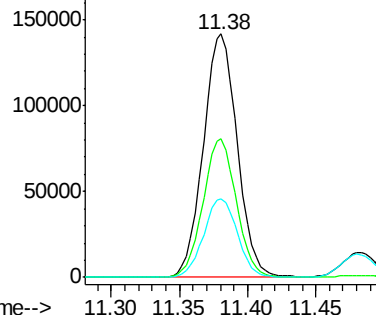


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.910 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.5	155.3
129	99.1	77.5	116.3
131	94.0	73.8	110.8

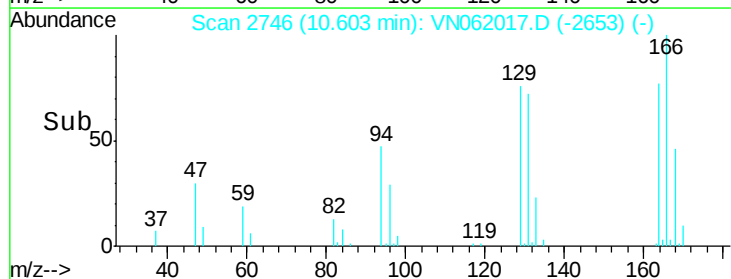
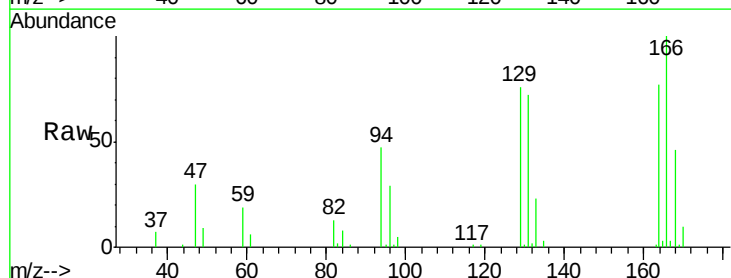
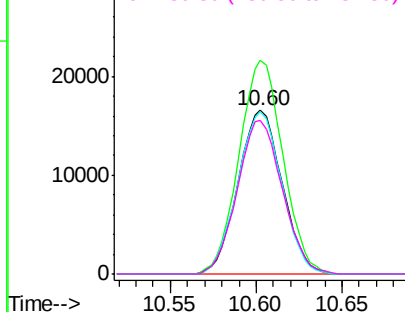
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.421 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion:112 Resp: 95163

Ion Ratio Lower Upper

112 100

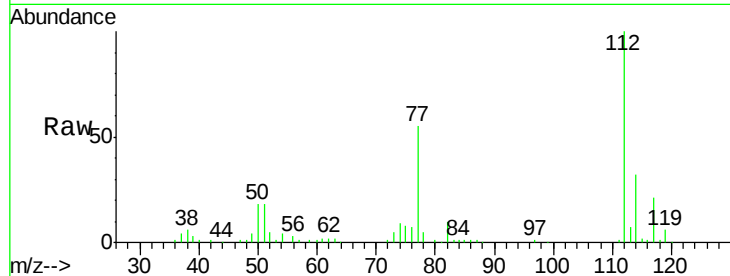
114 31.7 25.8 38.6

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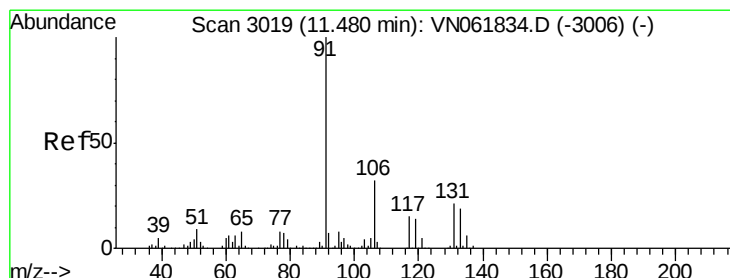
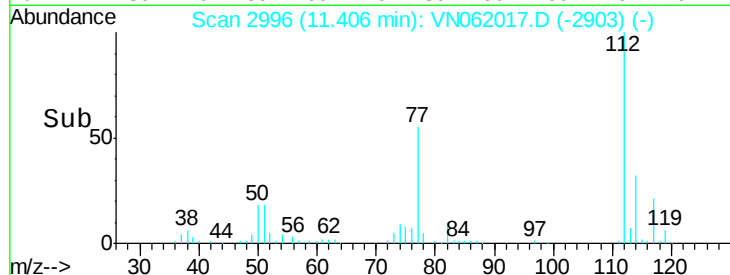
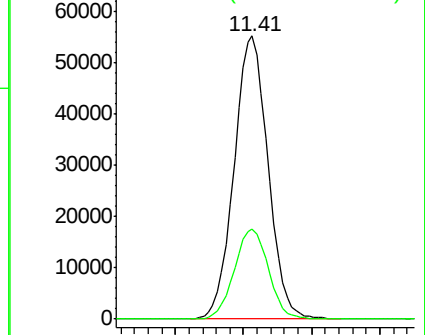
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.521 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

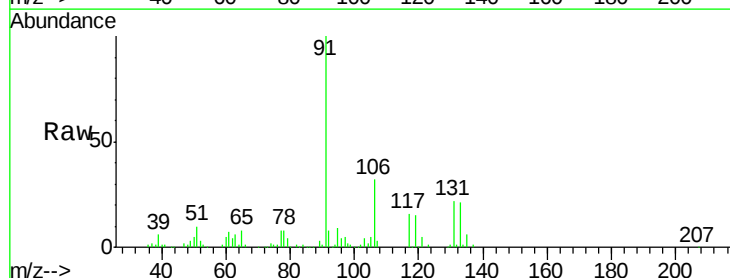
Tgt Ion:131 Resp: 35172

Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.5

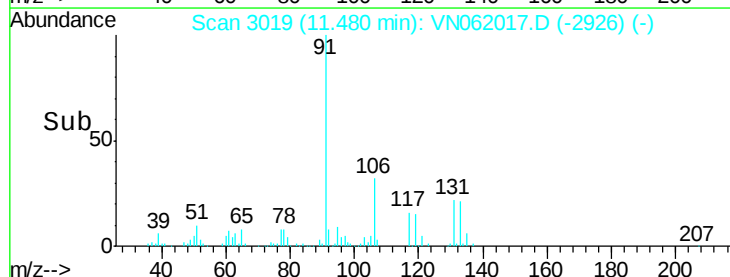
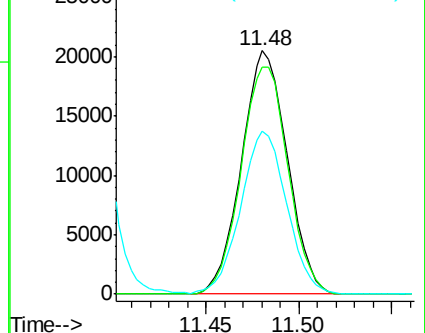
119 67.3 34.0 101.8

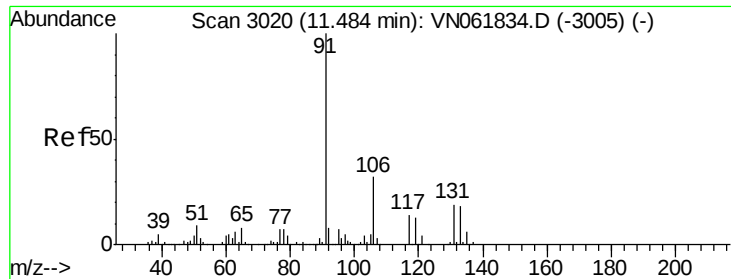


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





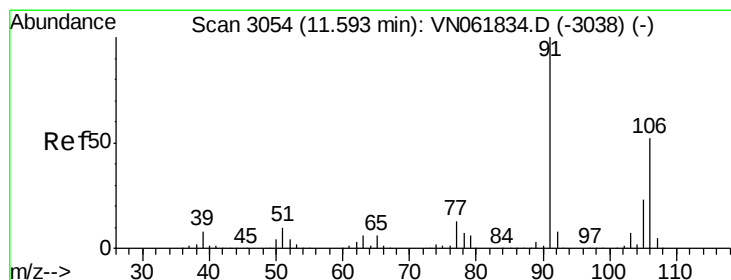
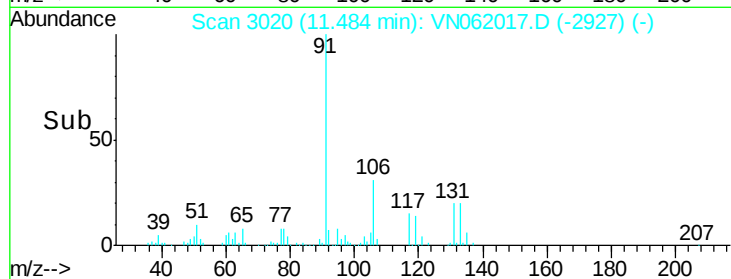
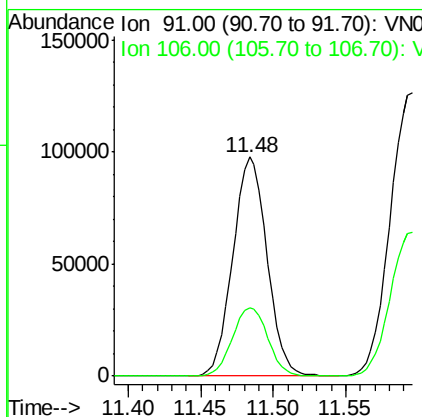
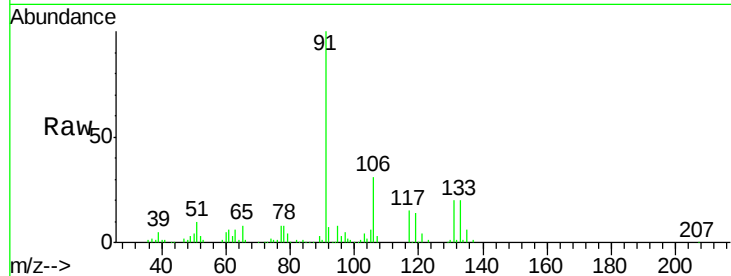
#67
Ethyl Benzene
Concen: 18.559 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS02

Tot Ion: 91 Resp: 160752
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

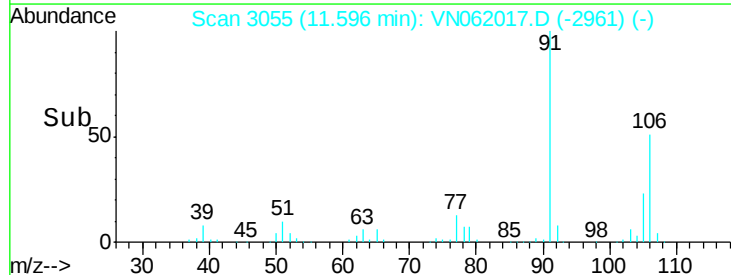
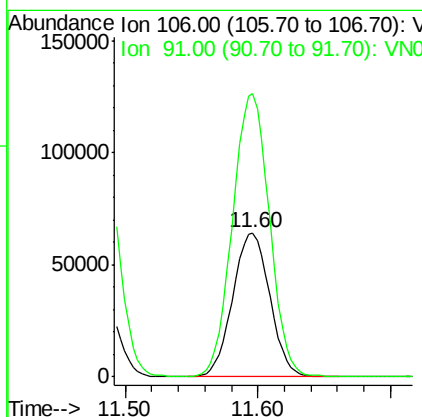
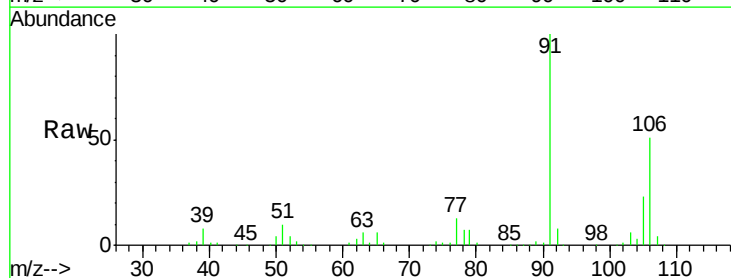
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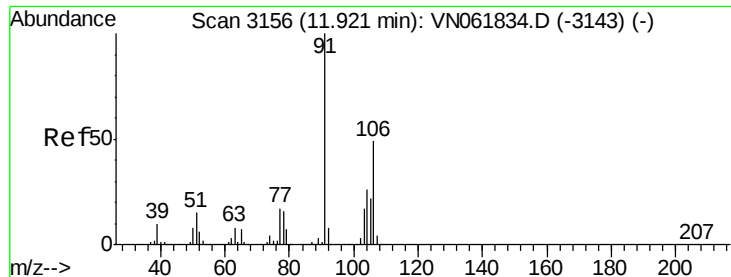
MMDadoda
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#68
m/p-Xylenes
Concen: 37.504 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 106 Resp: 125260
Ion Ratio Lower Upper
106 100
91 195.5 157.0 235.6





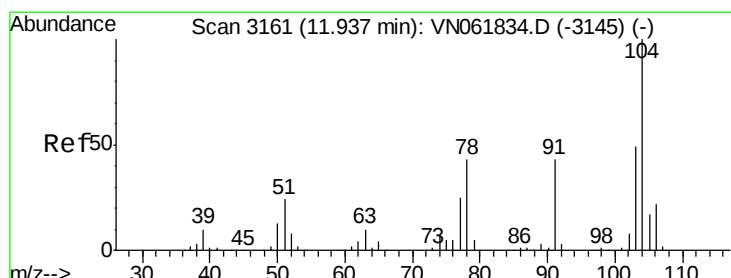
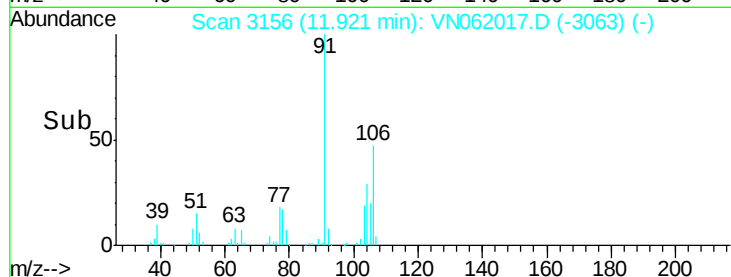
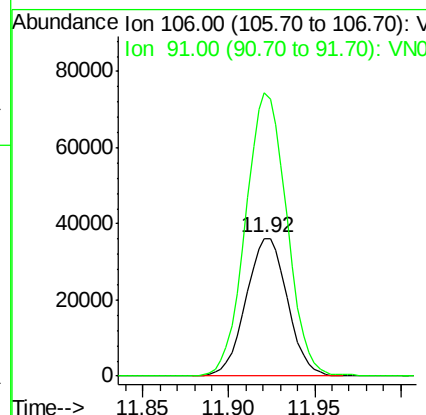
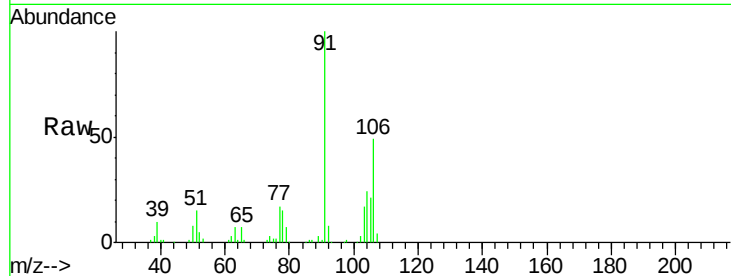
#69
o-Xylene
Concen: 19.004 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	205.3	103.0	308.9	

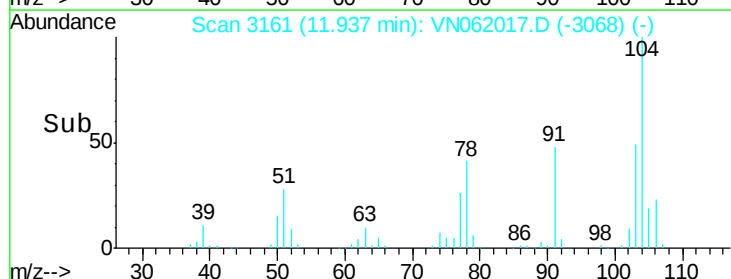
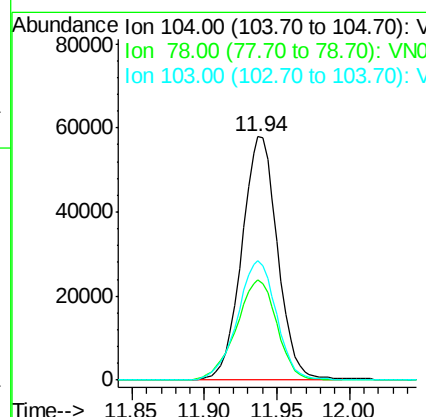
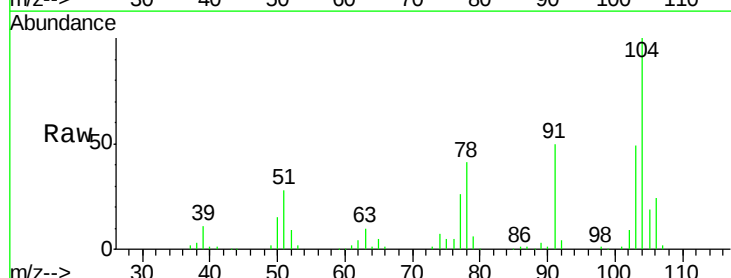
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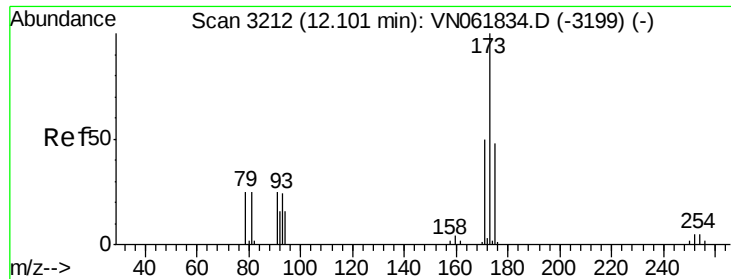
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#70
Styrene
Concen: 18.628 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.6	37.6	56.4	
103	53.6	43.0	64.4	





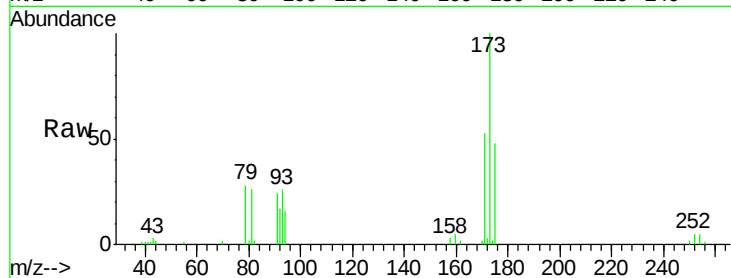
#71
Bromoform
Concen: 19.910 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
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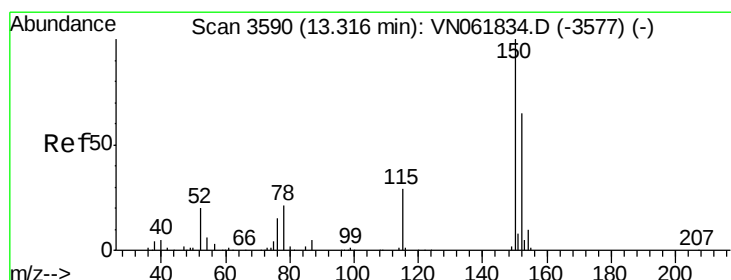
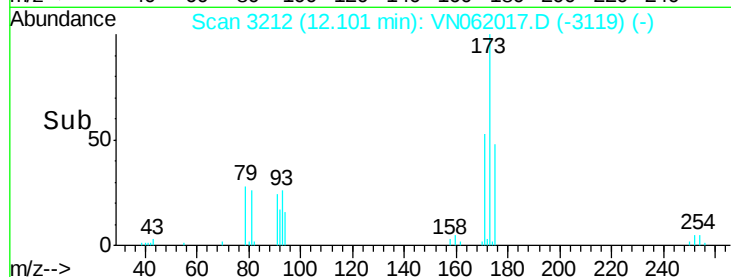
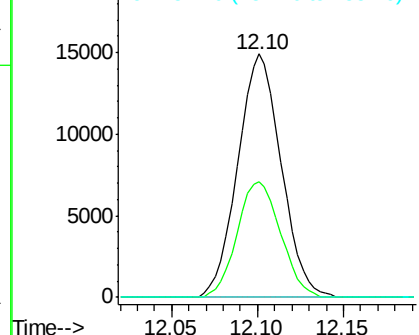


Abundance

Ion 172.70 (172.40 to 173.40): V

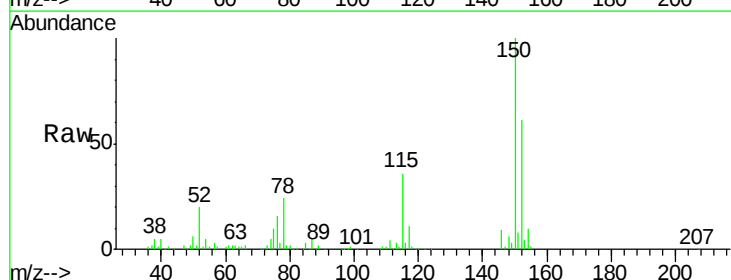
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.1	87.3
150	166.6	0.0	347.6

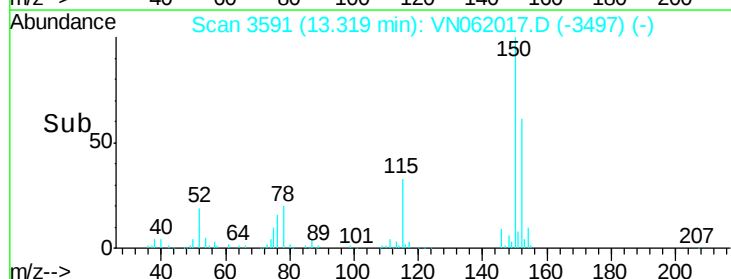
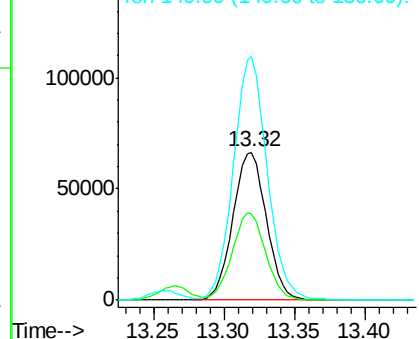


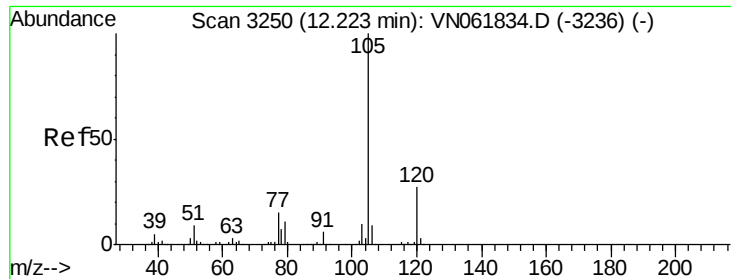
Abundance

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: 19.690 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 105 Resp: 154684

Ion Ratio Lower Upper

105 100

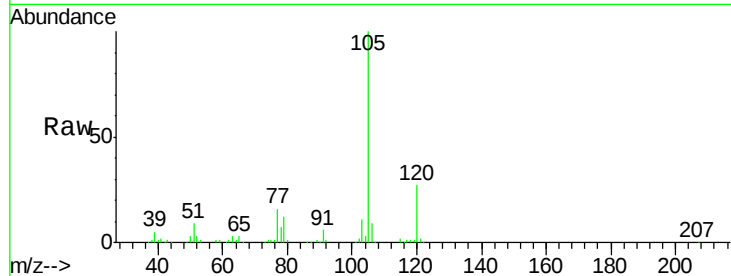
120 26.6 13.3 39.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

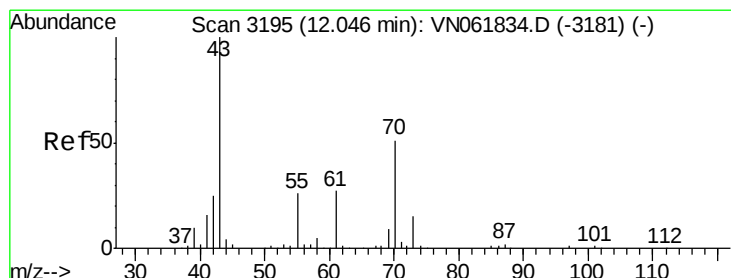
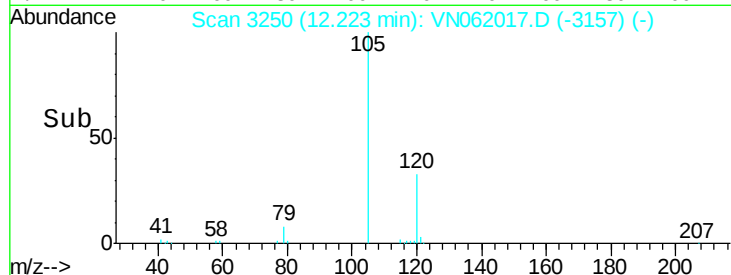
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.917 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion: 43 Resp: 51075

Ion Ratio Lower Upper

43 100

70 52.3 40.6 60.8

55 29.2 21.5 32.3

61 27.1 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

40000

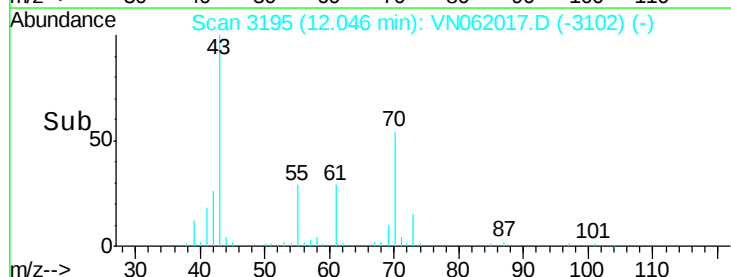
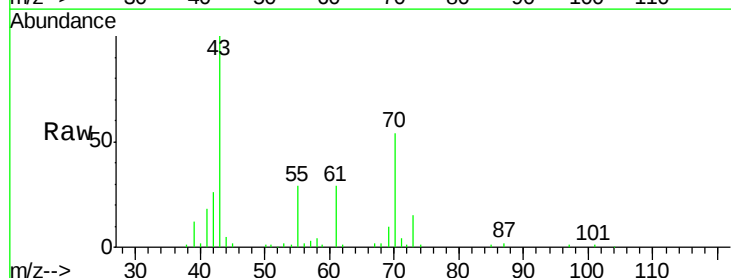
30000

20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.671 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

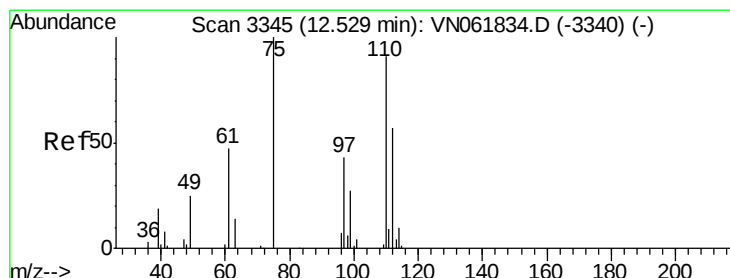
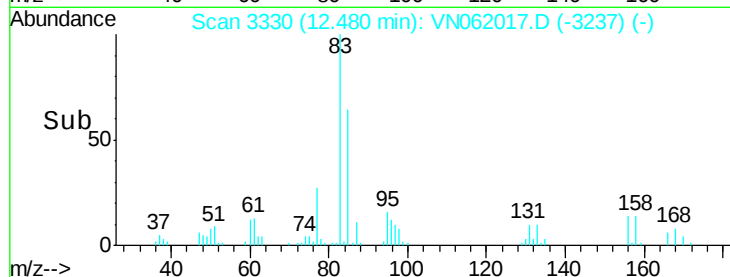
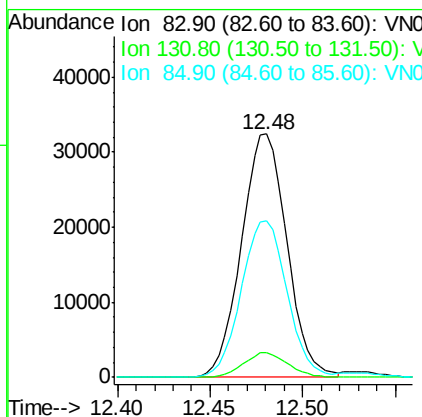
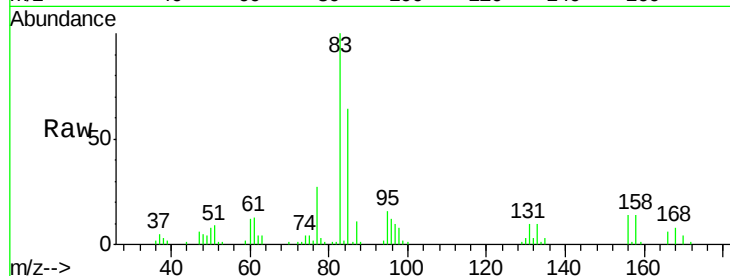
ClientSampleId :

VN0622WBS02

Tot Ion:	83	Resp:	55349
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 22.607 ug/l m

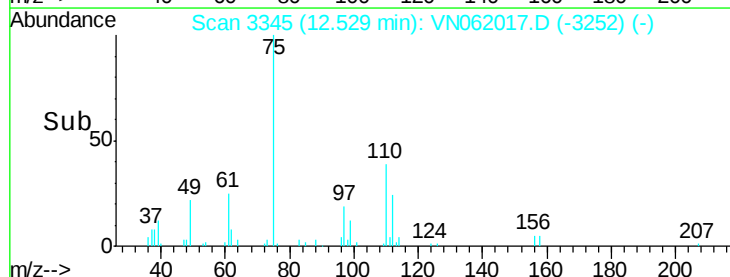
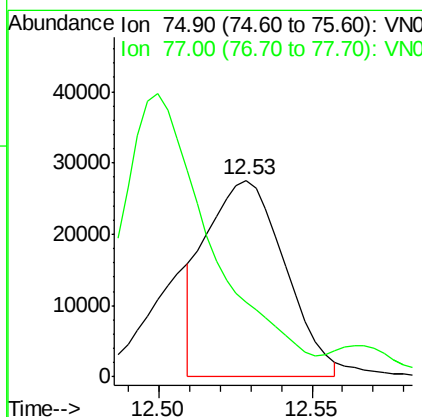
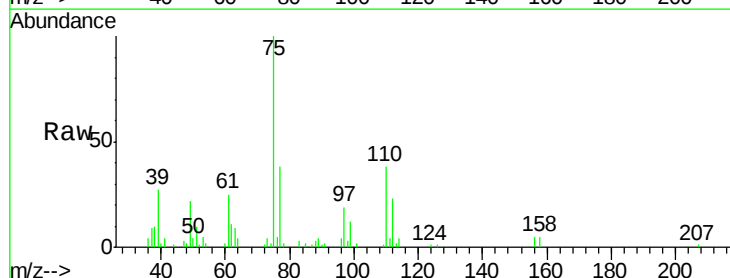
RT: 12.53 min Scan# 3345

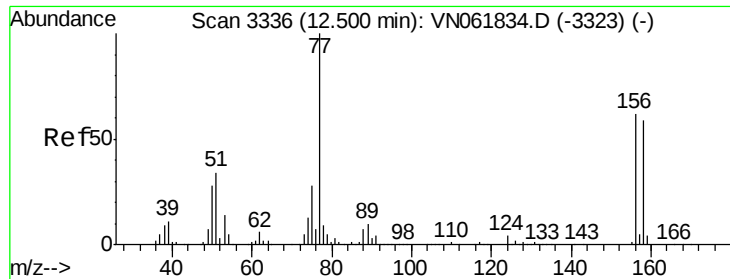
Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion:	75	Resp:	49066
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.949 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

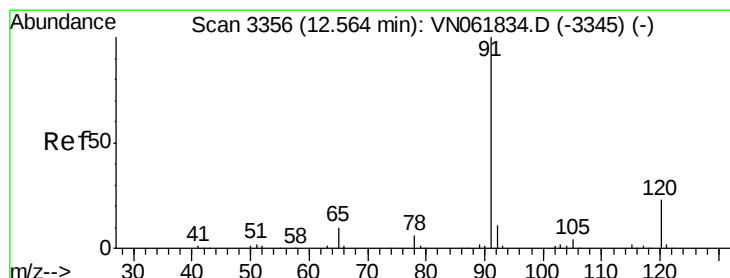
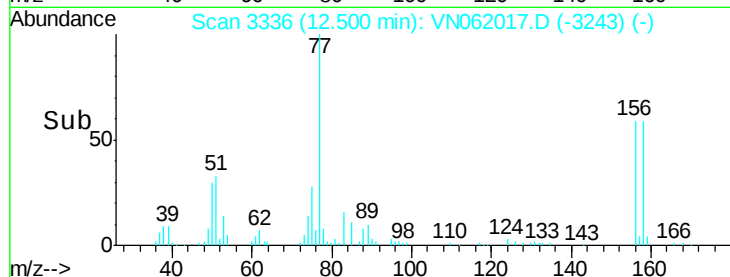
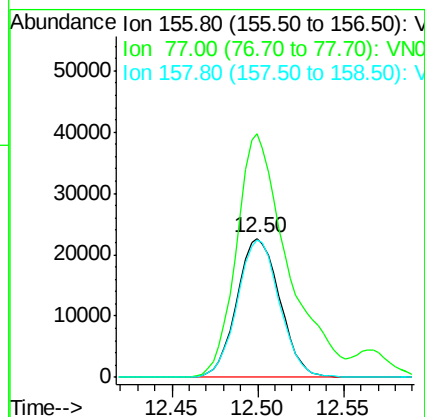
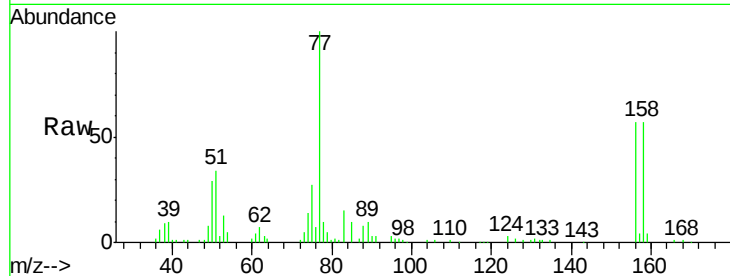
ClientSampleId :

VN0622WBS02

Tot Ion	156	Resp	39538
Ion	Ratio	Lower	Upper
156	100		
77	208.7	100.7	302.1
158	97.1	48.5	145.5

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#78

n-propylbenzene

Concen: 19.438 ug/l

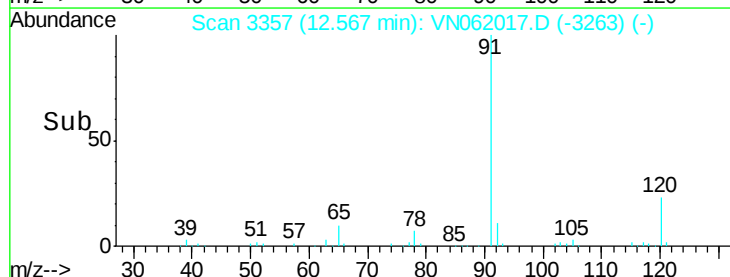
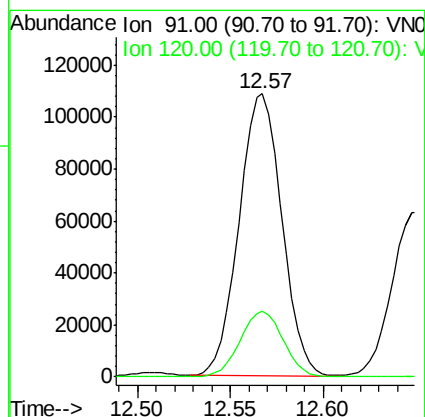
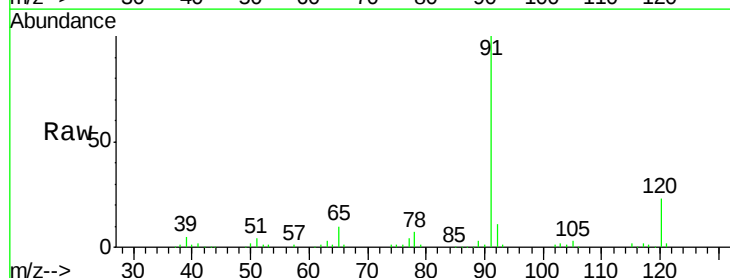
RT: 12.57 min Scan# 3357

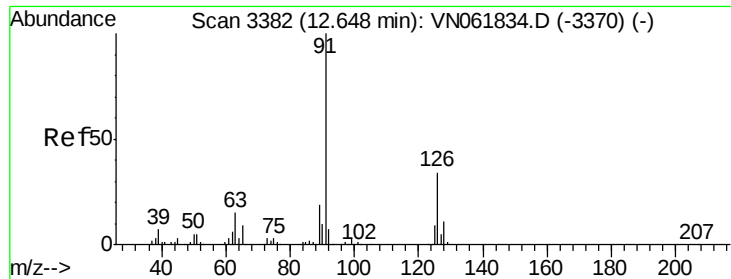
Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion	91	Resp	174238
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8





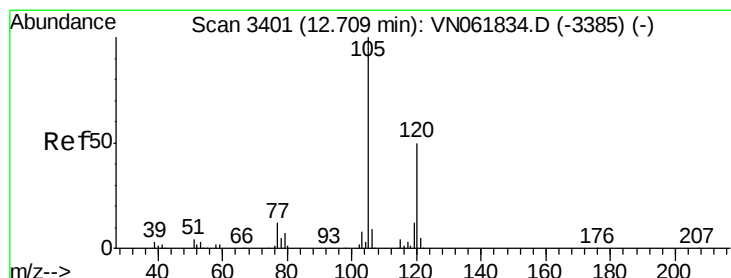
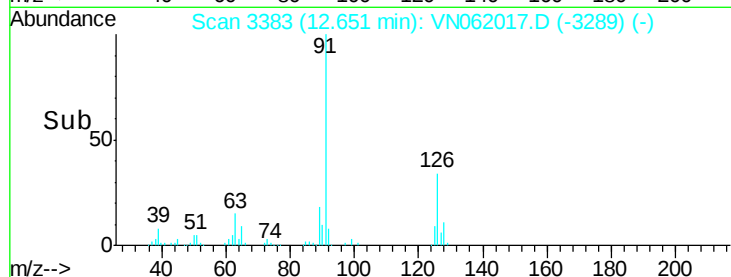
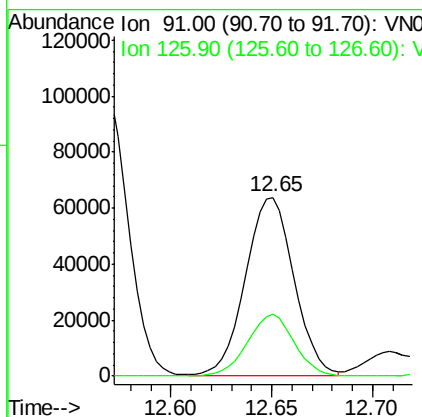
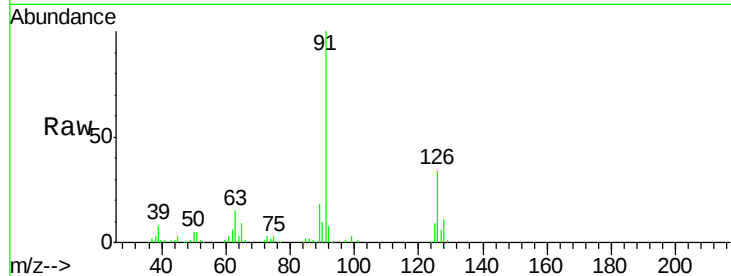
#79
 2-Chlorotoluene
 Concen: 19.800 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 91 Resp: 106594
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.3 51.7

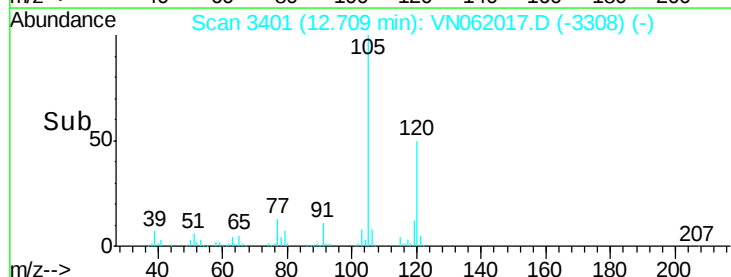
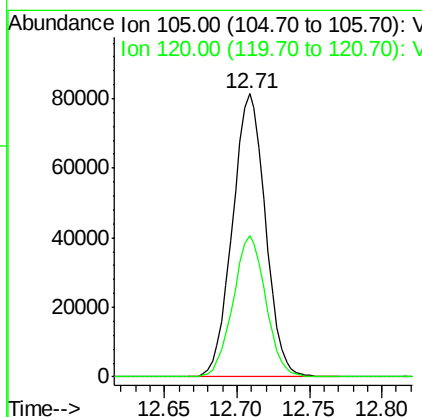
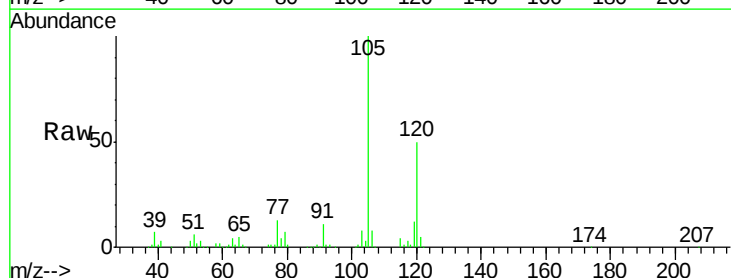
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.708 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 105 Resp: 128091
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.694 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 75 Resp: 15672

Ion Ratio Lower Upper

75 100

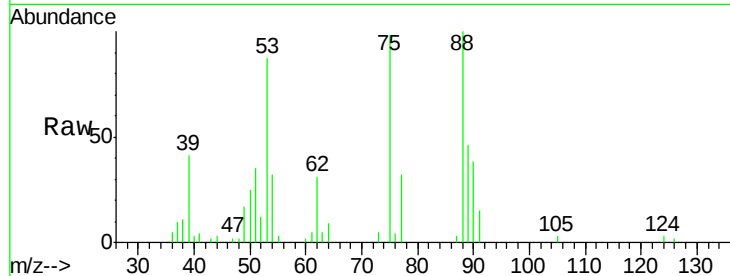
53 90.9 70.4 105.6

89 45.7 36.0 54.0

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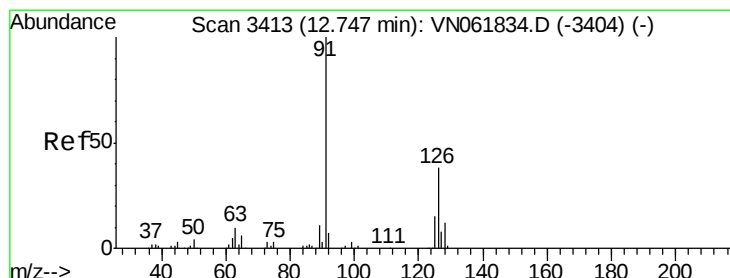
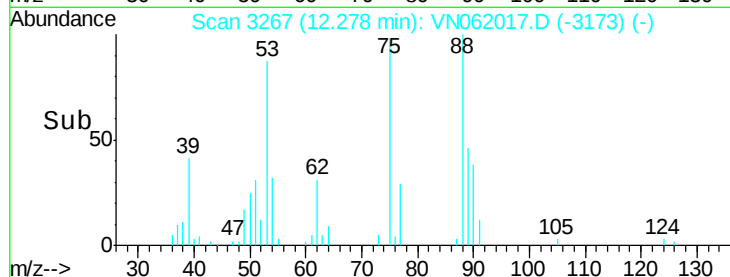
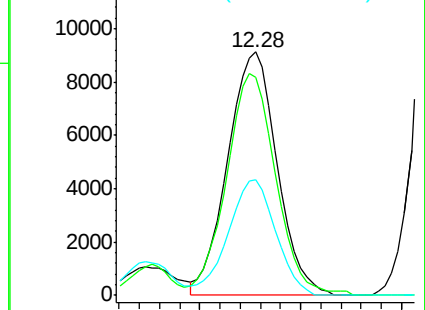
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Abundance Ion 74.90 (74.60 to 75.60): VN062017.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062017.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062017.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.396 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062017.D

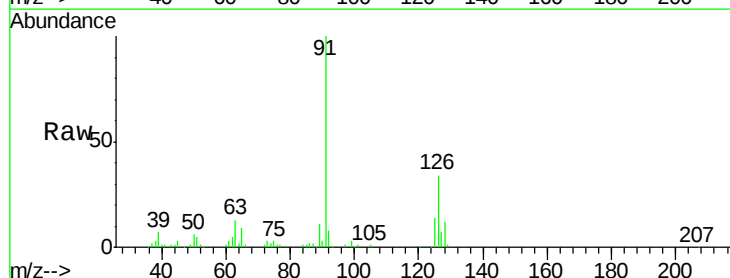
Acq: 22 Jun 2020 23:32

Tgt Ion: 91 Resp: 107897

Ion Ratio Lower Upper

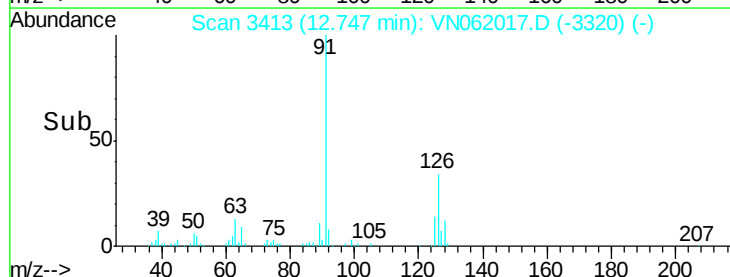
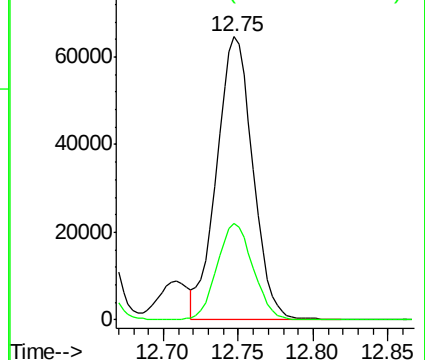
91 100

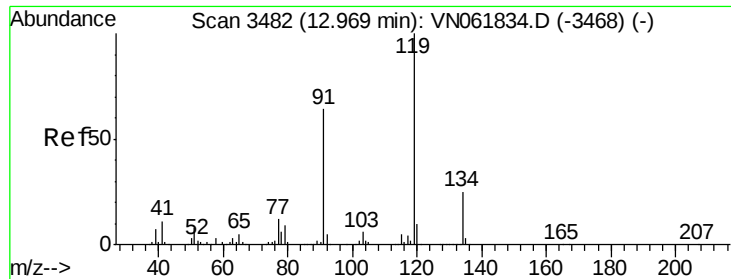
126 34.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN062017.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062017.D (-3320) (-)





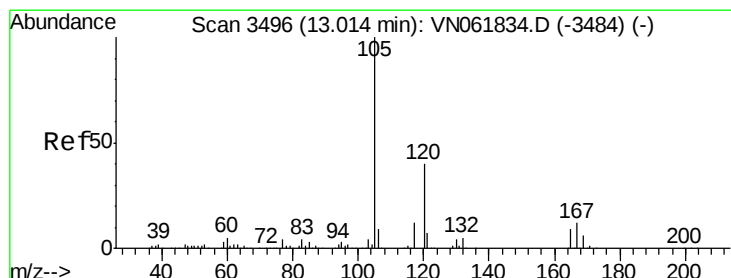
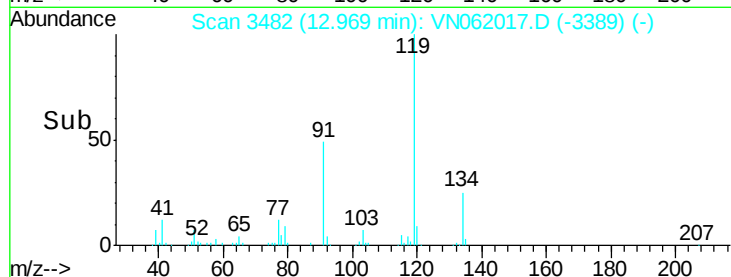
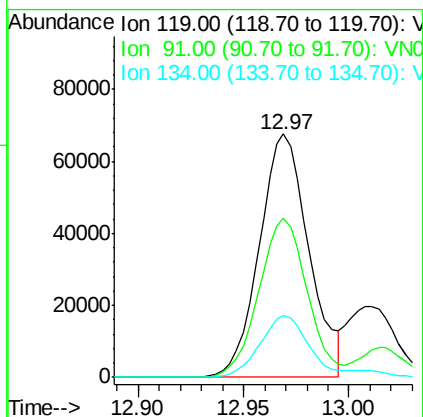
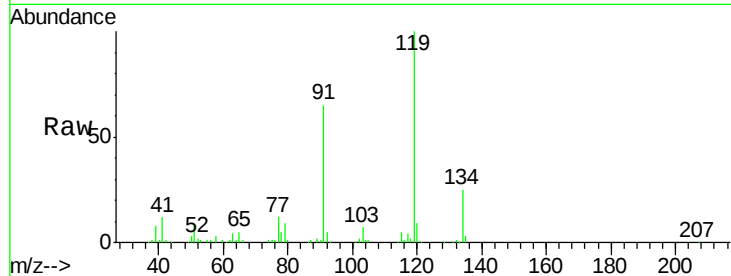
#83
tert-Butylbenzene
Concen: 19.987 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110127		
91	63.9		31.5	94.5
134	24.9		13.3	39.9

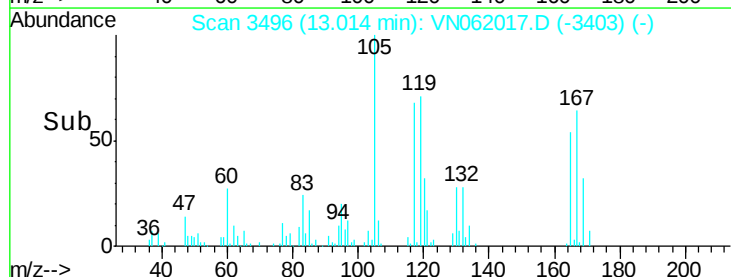
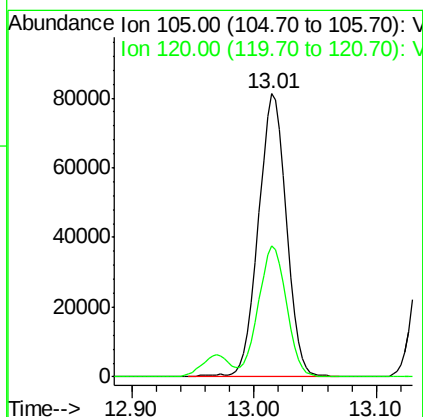
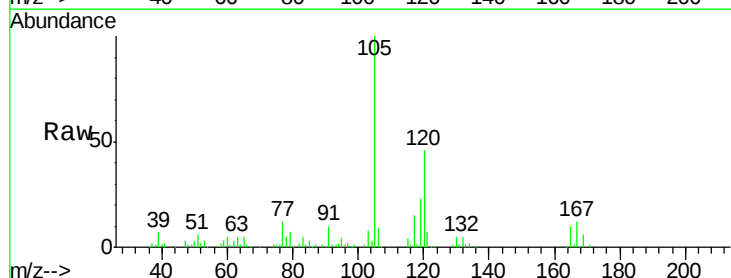
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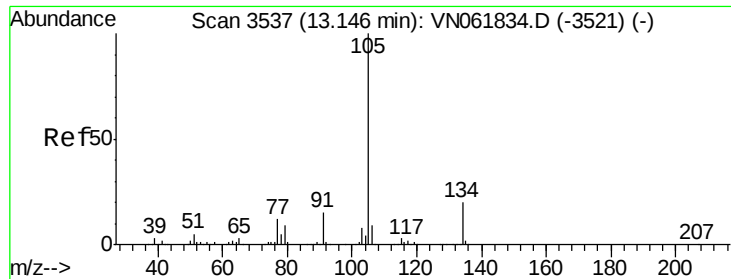
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#84
1,2,4-Trimethylbenzene
Concen: 20.123 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	129101		
120	46.5		23.3	69.9





#85

sec-Butylbenzene

Concen: 19.784 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion:105 Resp: 142676

Ion Ratio Lower Upper

105 100

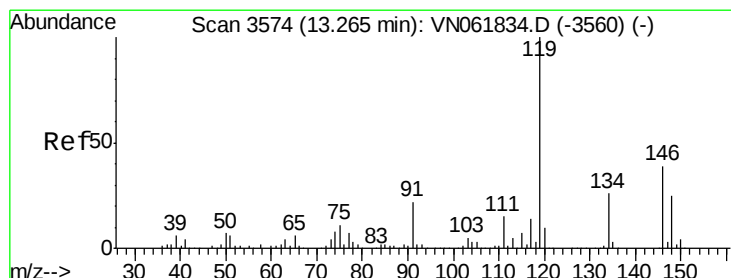
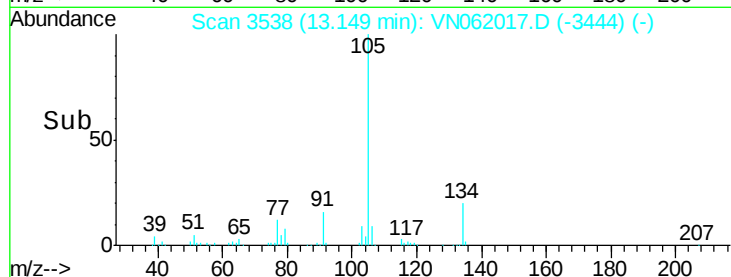
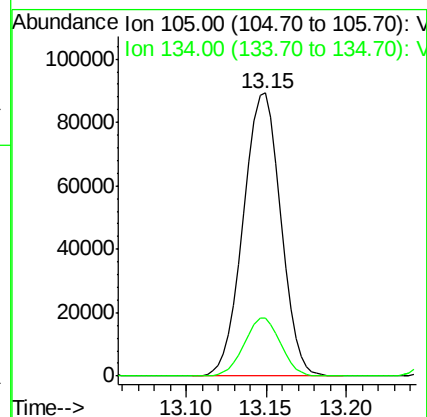
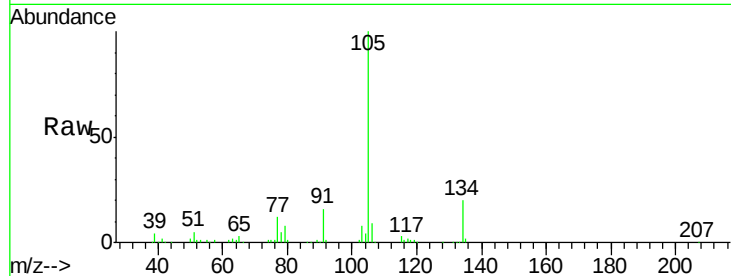
134 19.9 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

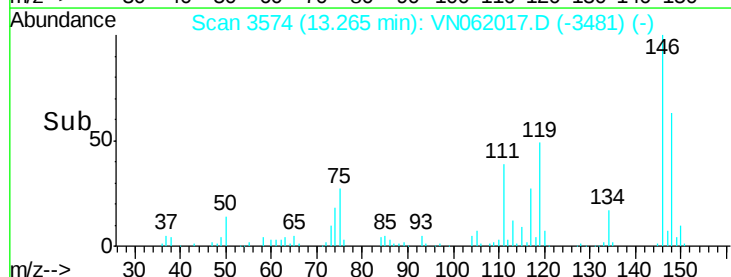
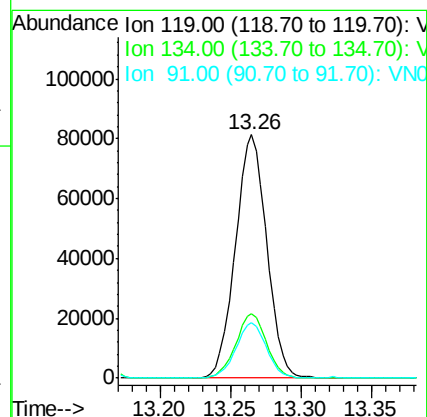
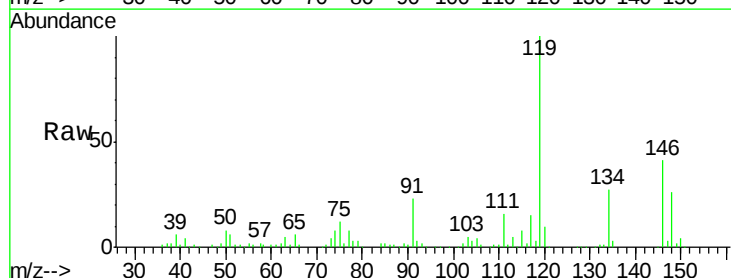
Tgt Ion:119 Resp: 126527

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.1 11.2 33.6





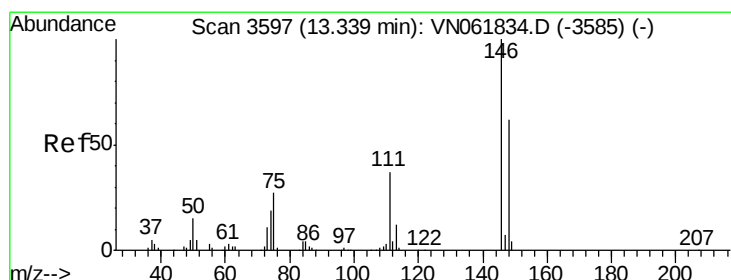
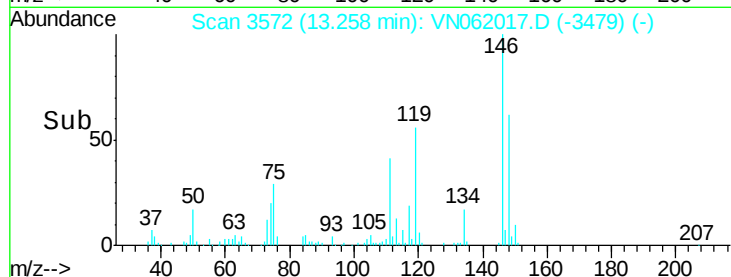
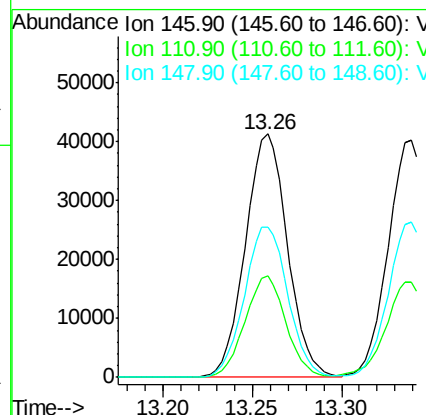
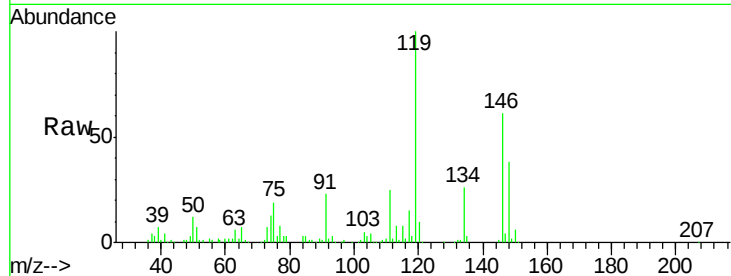
#87
 1,3-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	63.7	31.8	95.4

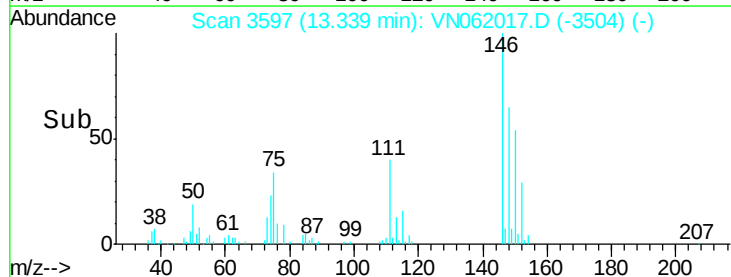
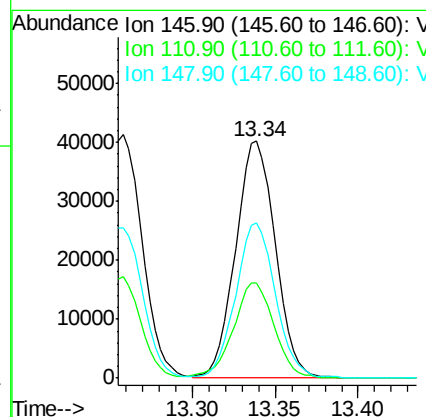
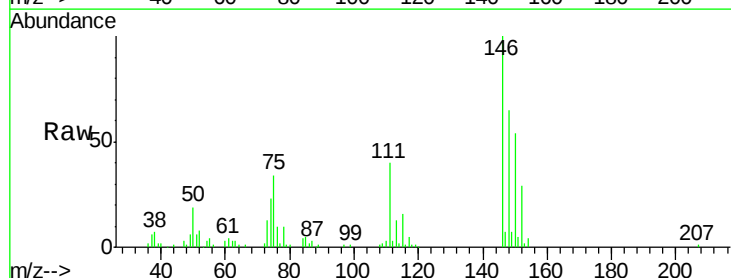
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#88
 1,4-Dichlorobenzene
 Concen: 18.215 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.3	57.8
148	65.4	31.6	94.7





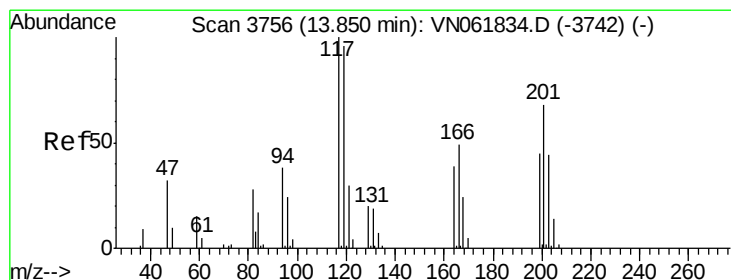
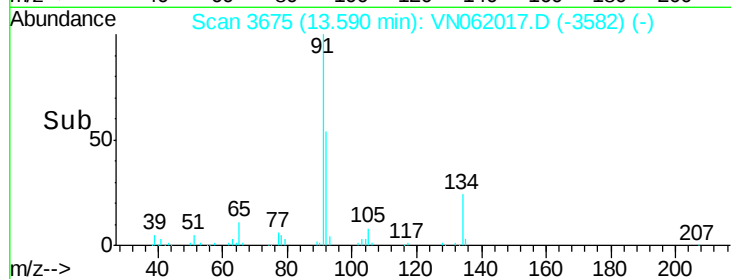
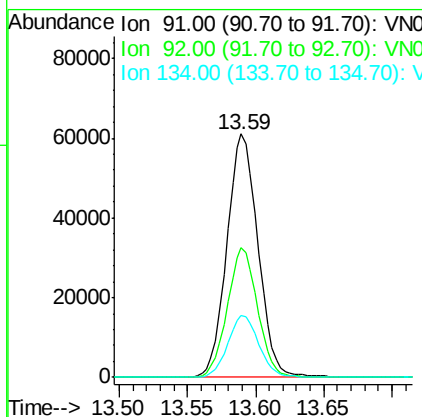
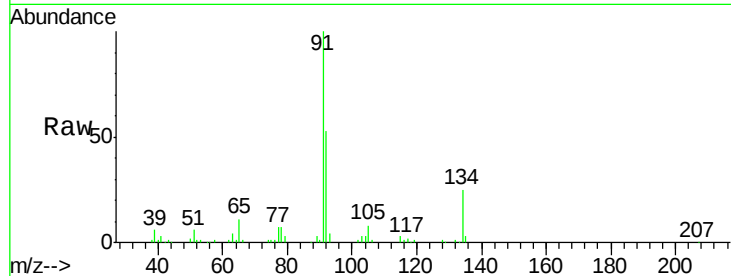
#89
n-Butylbenzene
Concen: 18.030 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.0	80.8
134	25.2	13.0	39.0

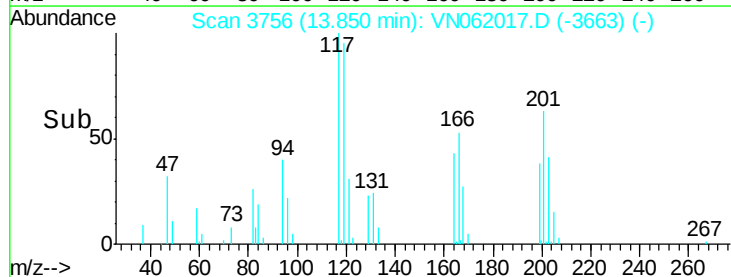
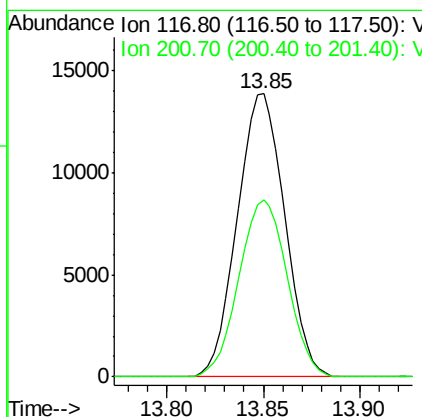
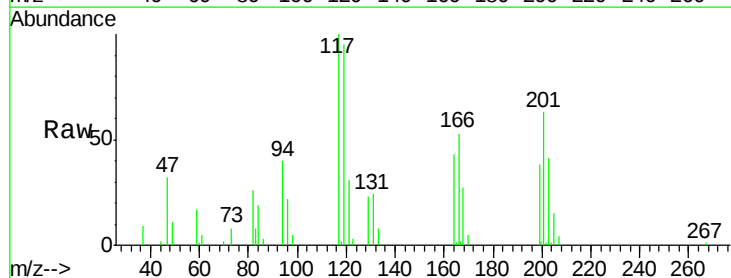
Manual Integrations
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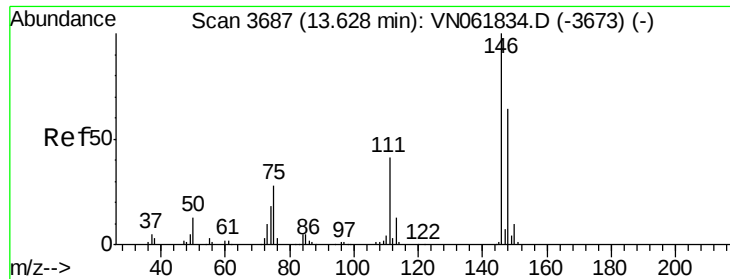
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#90
Hexachloroethane
Concen: 20.141 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.5	34.6	103.8





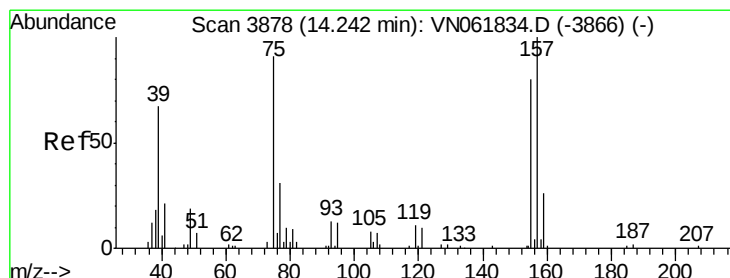
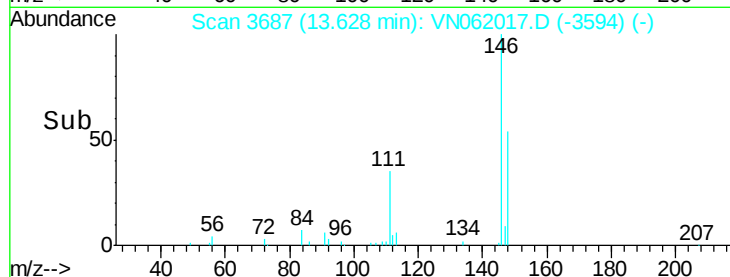
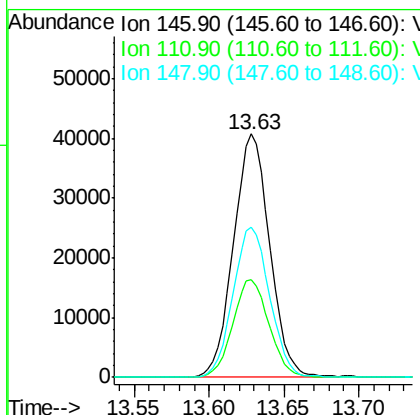
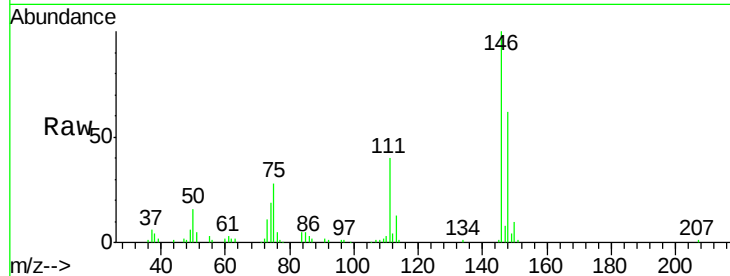
#91
 1,2-Dichlorobenzene
 Concen: 19.737 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	62.3	31.8	95.4

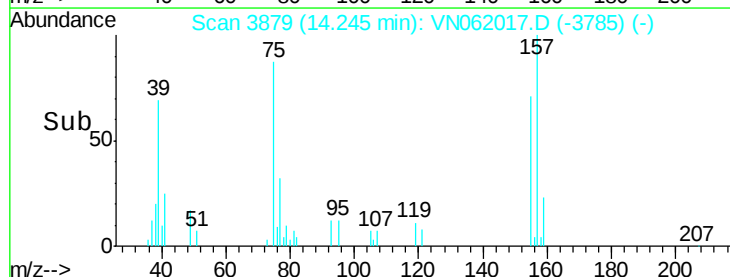
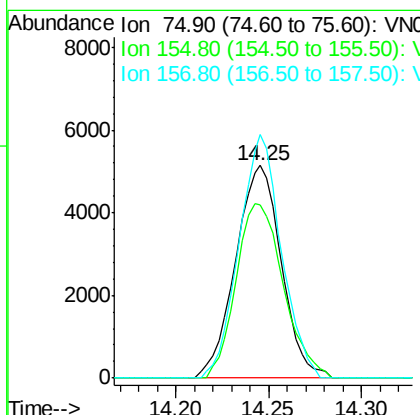
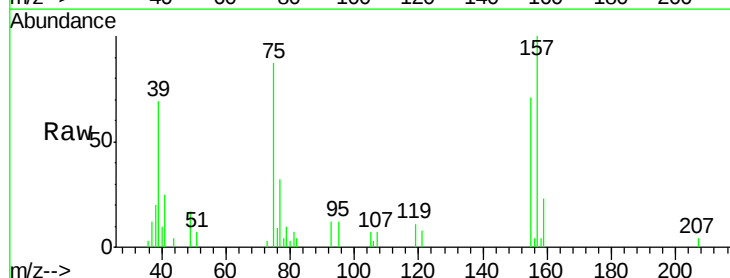
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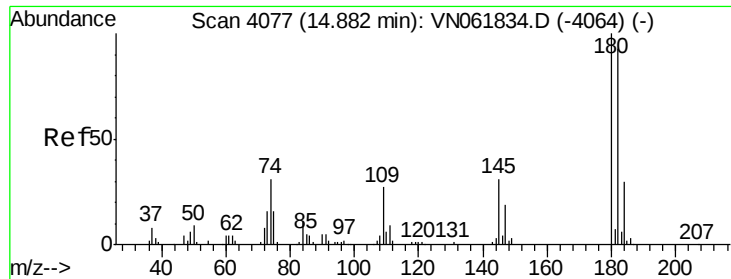
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.240 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	44.4	133.2
157	105.5	57.0	171.2





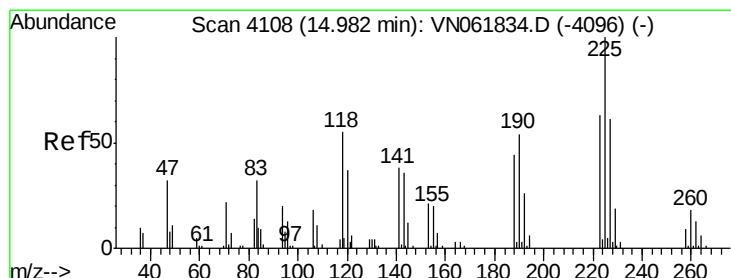
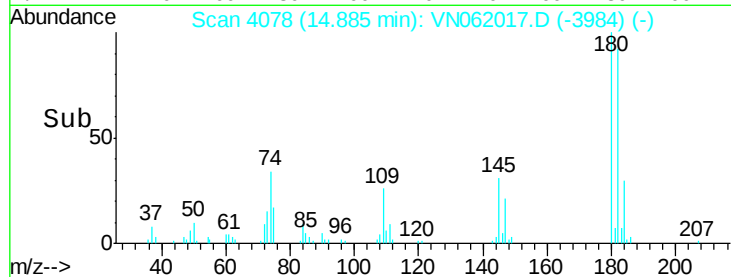
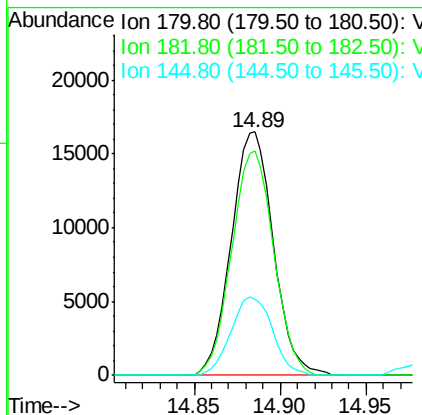
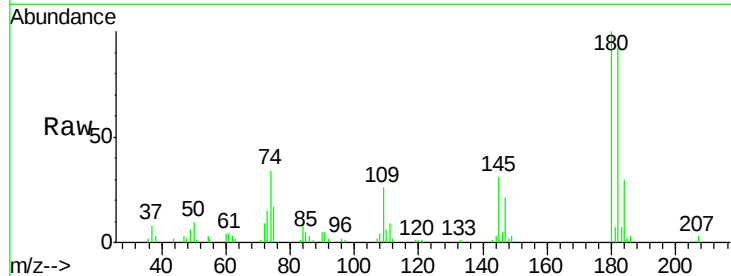
#93
 1,2,4-Trichlorobenzene
 Concen: 17.046 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.0	141.2
145	31.7	15.8	47.3

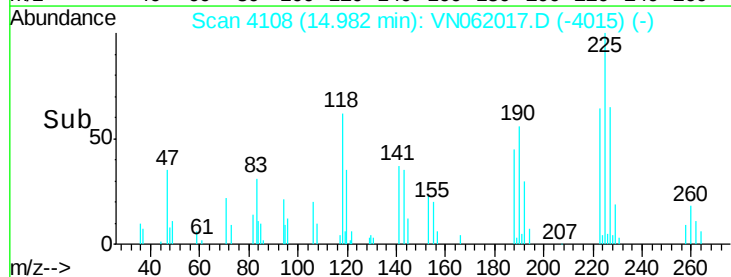
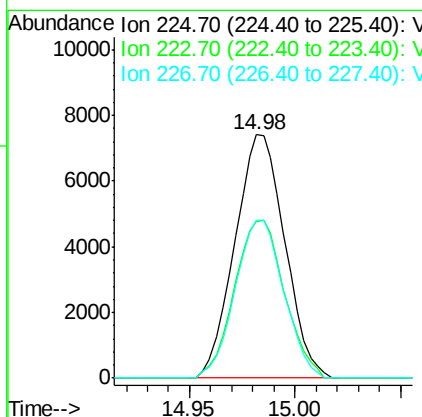
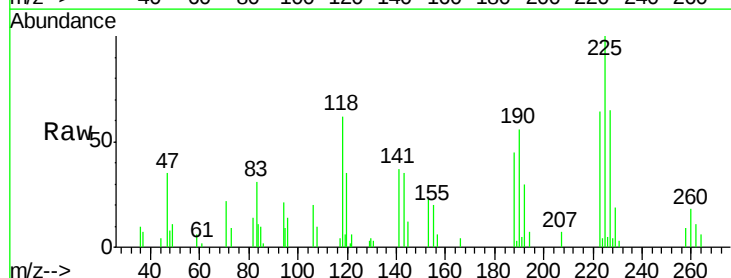
Manual Integrations
 APPROVED

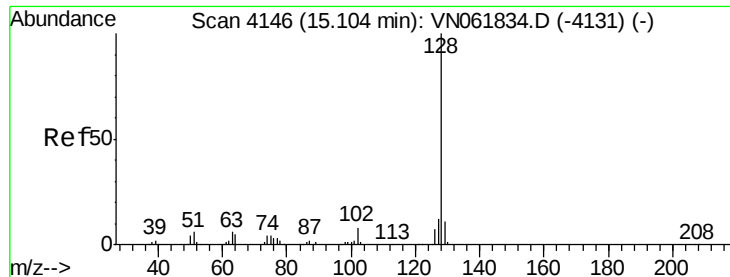
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#94
 Hexachlorobutadiene
 Concen: 18.862 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	63.3	30.1	90.3





#95

Naphthalene

Concen: 17.310 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

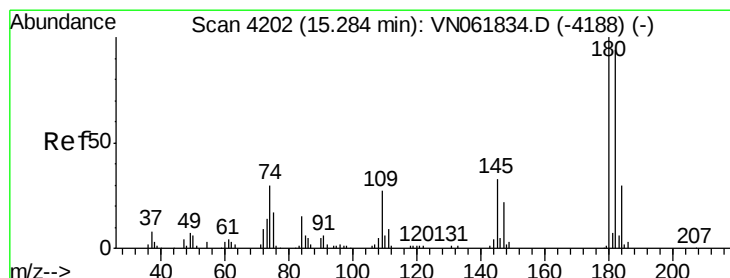
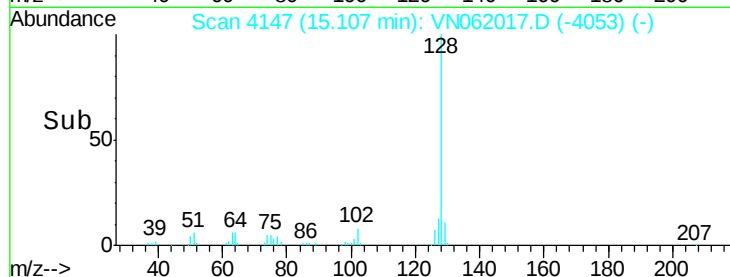
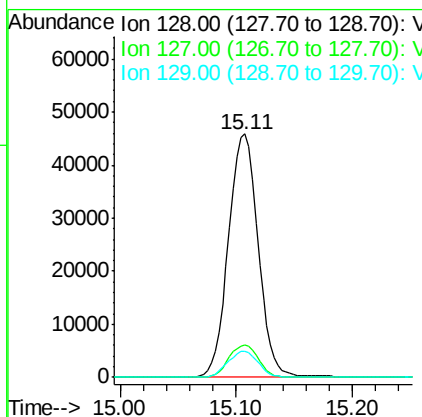
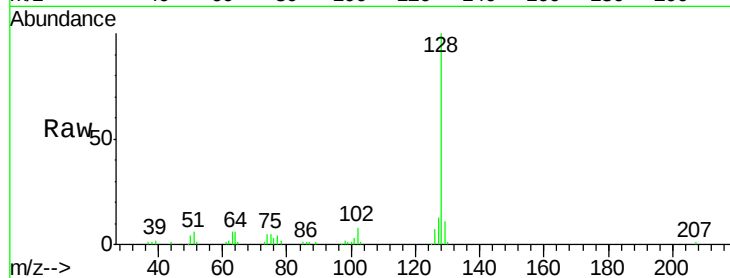
ClientSampleId :

VN0622WBS02

Tot Ion:	128	Resp:	81726
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 18.375 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion:	180	Resp:	29883
Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.9	143.6
145	33.3	16.5	49.5

