

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061890.D
 Acq On : 18 Jun 2020 10:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:03:47 PM

Quant Time: Jun 19 05:38:05 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	7.62	168	154669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94604	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.55	113	82209	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.06	98	314763	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.37	95	107524	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	101539	50.452	ug/l	99
3) Chloromethane	2.03	50	104542	48.695	ug/l	100
4) Vinyl Chloride	2.16	62	131422	51.350	ug/l	98
5) Bromomethane	2.52	94	95753	48.719	ug/l	95
6) Chloroethane	2.66	64	87142	50.309	ug/l	95
7) Trichlorofluoromethane	2.98	101	160843	52.613	ug/l	98
8) Diethyl Ether	3.37	74	50454	49.091	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81287	51.828	ug/l	100
10) Methyl Iodide	3.91	142	98028	51.598	ug/l	99
11) Tert butyl alcohol	4.73	59	64071	223.208	ug/l	98
12) 1,1-Dichloroethene	3.69	96	77383	49.241	ug/l	99
13) Acrolein	3.56	56	46304	269.899	ug/l	98
14) Allyl chloride	4.27	41	100864	48.359	ug/l	99
15) Acrylonitrile	4.93	53	178409	250.837	ug/l	100
16) Acetone	3.77	43	151894	247.900	ug/l	97
17) Carbon Disulfide	4.00	76	221499	48.170	ug/l	99
18) Methyl Acetate	4.27	43	83381	47.267	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	255497	48.829	ug/l	97
20) Methylene Chloride	4.50	84	91471	45.822	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	89564	49.618	ug/l	98
22) Diisopropyl ether	5.90	45	226601	47.504	ug/l	98
23) Vinyl Acetate	5.84	43	919102	244.978	ug/l	100
24) 1,1-Dichloroethane	5.79	63	149512	47.880	ug/l	99
25) 2-Butanone	6.78	43	221541	247.819	ug/l	97
26) 2,2-Dichloropropane	6.77	77	129843	49.423	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	103275	49.585	ug/l	98
28) Bromochloromethane	7.15	49	68924	49.573	ug/l	99
29) Tetrahydrofuran	7.16	42	143607	244.095	ug/l	99
30) Chloroform	7.33	83	160469	48.084	ug/l	99
31) Cyclohexane	7.61	56	127213	46.537	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	139729	49.163	ug/l	99
36) 1,1-Dichloropropene	7.75	75	119952	52.294	ug/l	98
37) Ethyl Acetate	6.88	43	91055	50.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	122867	54.090	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	137293	55.586	ug/l	98
40) Benzene	8.00	78	362254	52.135	ug/l	98
41) Methacrylonitrile	7.12	41	38971	50.879	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	123484	52.120	ug/l	99
43) Isopropyl Acetate	8.12	43	156168	51.734	ug/l	98
44) Trichloroethene	8.80	130	97837	53.502	ug/l	99
45) 1,2-Dichloropropane	9.08	63	90039	52.729	ug/l	97
46) Dibromomethane	9.17	93	64257	53.438	ug/l	99
47) Bromodichloromethane	9.37	83	130505	53.003	ug/l	98
48) Methyl methacrylate	9.17	41	70809	51.581	ug/l	100
49) 1,4-Dioxane	9.17	88	33370	1058.783	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	469688	263.303	ug/l	99
52) Toluene	10.12	92	239039	54.777	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	140357	53.697	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	151066	53.210	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93099	54.223	ug/l	98
56) Ethyl methacrylate	10.40	69	125889	48.118	ug/l	99
57) 1,3-Dichloropropane	10.68	76	155799	53.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	238006	262.657	ug/l	99
59) 2-Hexanone	10.72	43	340801	239.720	ug/l	99
60) Dibromochloromethane	10.87	129	104274	54.427	ug/l	100
61) 1,2-Dibromoethane	10.98	107	96190	53.652	ug/l	99
64) Tetrachloroethene	10.60	164	81179	53.271	ug/l	99
65) Chlorobenzene	11.40	112	257250	50.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	94235	53.557	ug/l	100
67) Ethyl Benzene	11.48	91	453783	53.647	ug/l	100
68) m/p-Xylenes	11.59	106	354939	108.820	ug/l	99
69) o-Xylene	11.92	106	169205	54.369	ug/l	99
70) Styrene	11.94	104	286425	54.966	ug/l	99
71) Bromoform	12.10	173	69986	54.550	ug/l #	100
73) Isopropylbenzene	12.22	105	445096	51.565	ug/l	99
74) N-amyl acetate	12.04	43	139717	45.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	134824	48.043	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	108279m	45.405	ug/l	
77) Bromobenzene	12.50	156	109879	50.458	ug/l	97
78) n-propylbenzene	12.56	91	509109	51.691	ug/l	99
79) 2-Chlorotoluene	12.65	91	295484	49.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	370622	51.899	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44741	51.171	ug/l	99
82) 4-Chlorotoluene	12.75	91	311527	50.967	ug/l	99
83) tert-Butylbenzene	12.97	119	311417	51.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	370706	52.588	ug/l	99
85) sec-Butylbenzene	13.15	105	411083	51.878	ug/l	99
86) p-Isopropyltoluene	13.26	119	380403	53.874	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	202915	51.090	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	200900	49.416	ug/l	99
89) n-Butylbenzene	13.59	91	311757	52.868	ug/l	99
90) Hexachloroethane	13.85	117	67001	51.837	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	194966	50.990	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23233	50.995	ug/l	98

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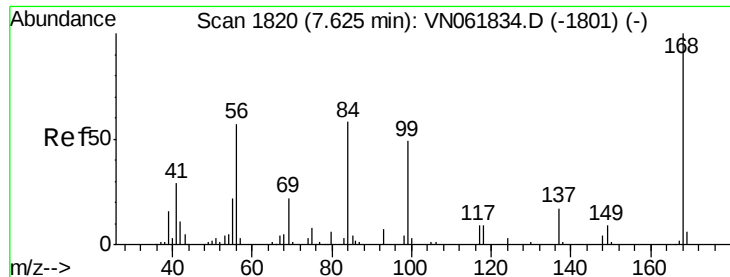
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93290	51.705	ug/l	99
94) Hexachlorobutadiene	14.98	225	38267	53.850	ug/l	99
95) Naphthalene	15.10	128	260031	43.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92209	51.603	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 154669

Ion Ratio Lower Upper

168 100

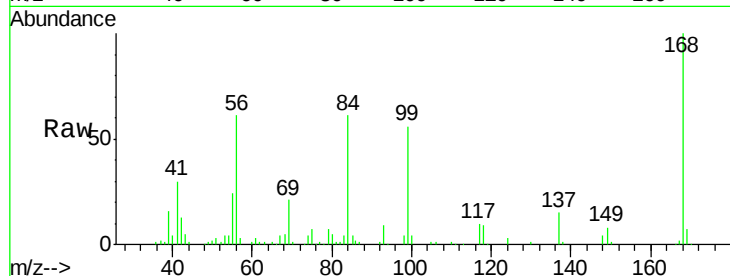
99 55.6 44.6 67.0

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

7.62

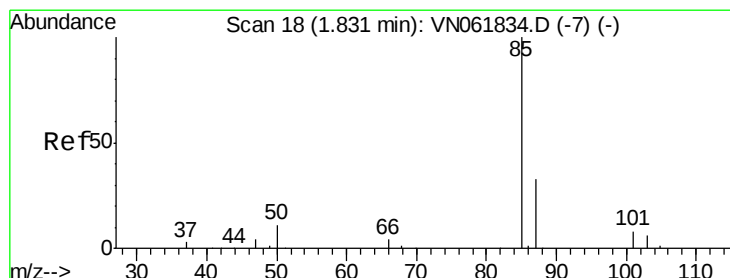
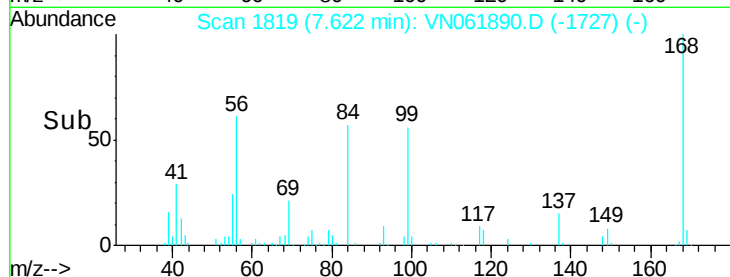
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 50.452 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061890.D

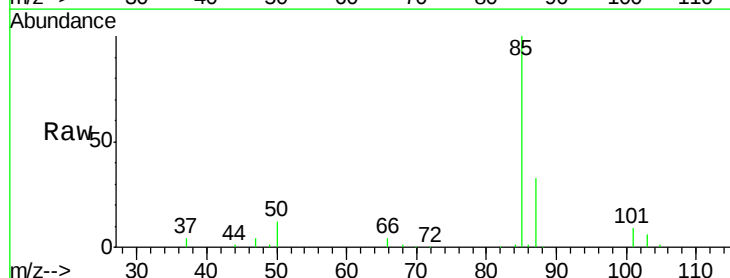
Acq: 18 Jun 2020 10:33

Tgt Ion: 85 Resp: 101539

Ion Ratio Lower Upper

85 100

87 32.6 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

80000

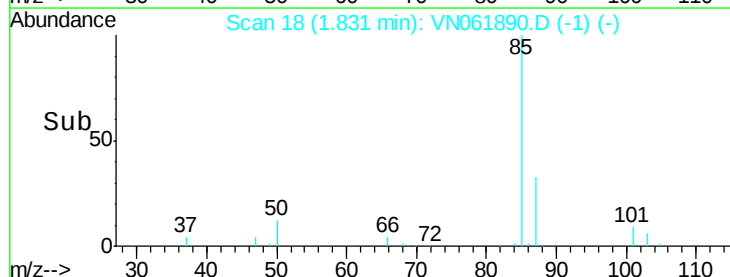
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 48.695 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 104542

Ion Ratio Lower Upper

50 100

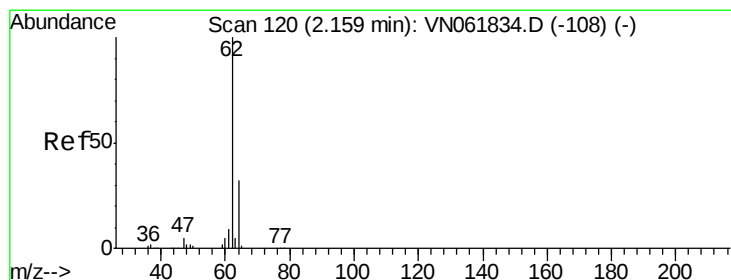
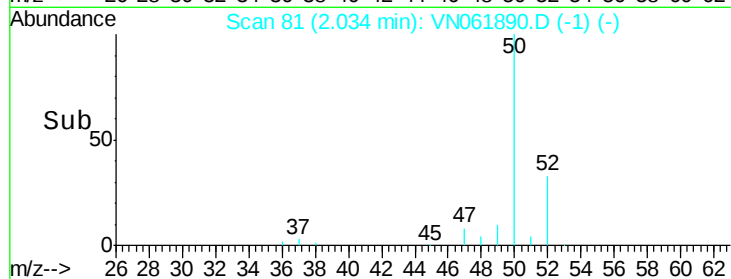
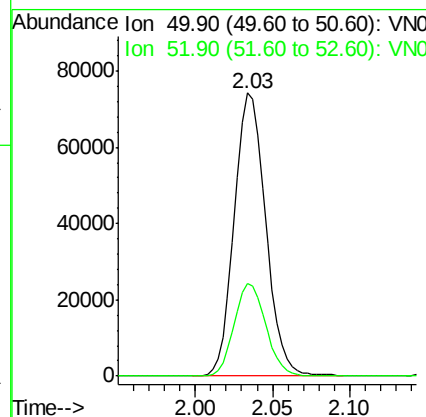
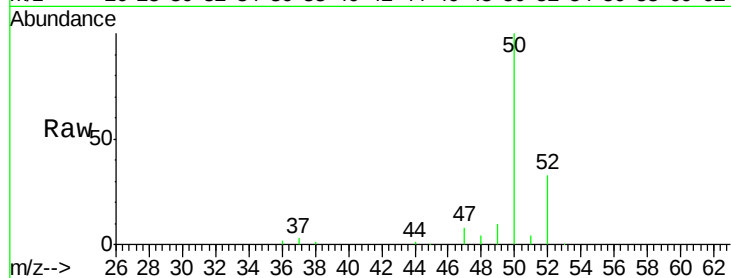
52 32.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 51.350 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061890.D

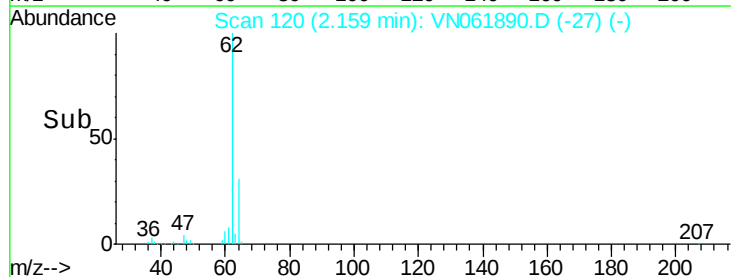
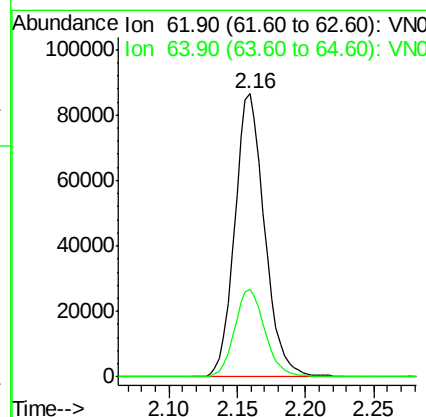
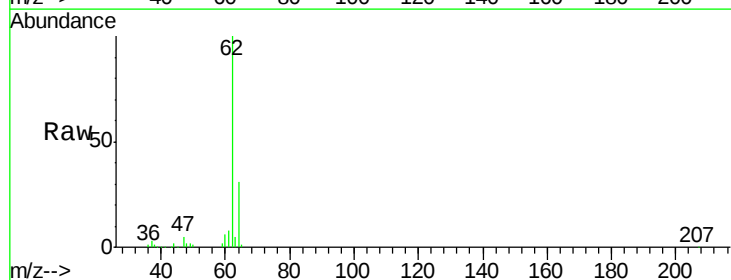
Acq: 18 Jun 2020 10:33

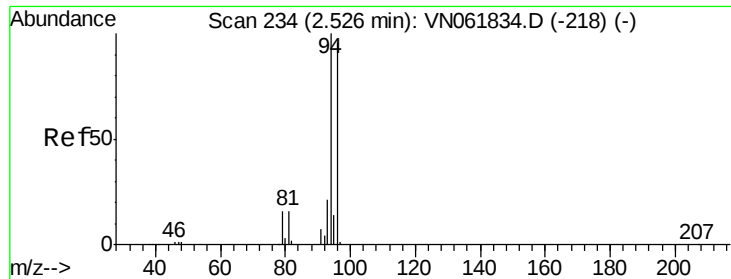
Tgt Ion: 62 Resp: 131422

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 48.719 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

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VSTDCCC050

Tot Ion: 94 Resp: 95753

Ion Ratio Lower Upper

94 100

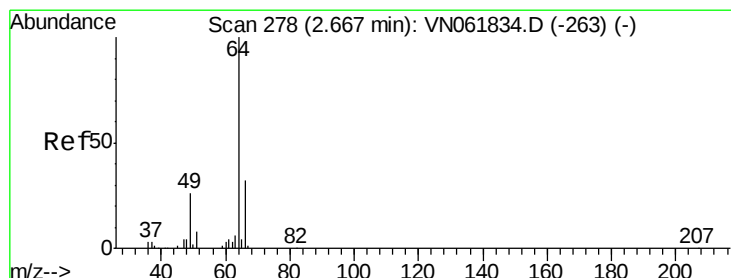
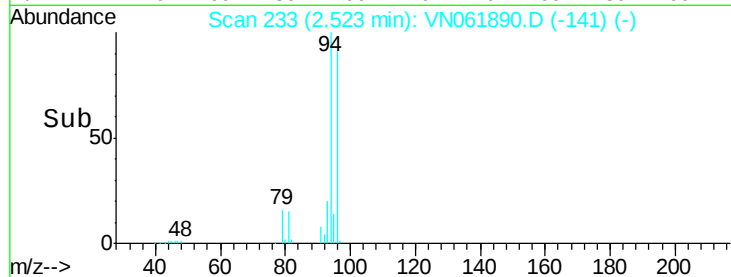
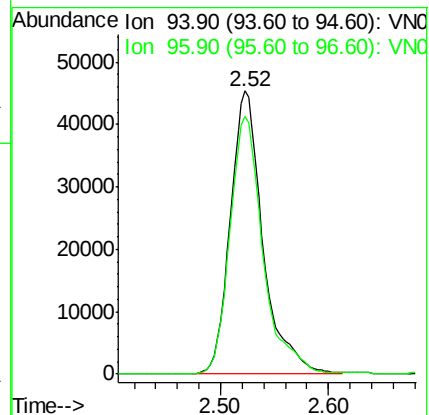
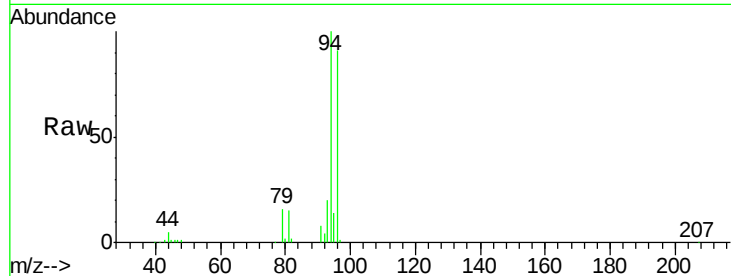
96 91.1 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 50.309 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061890.D

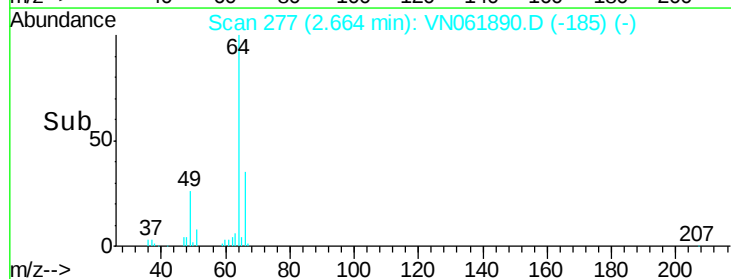
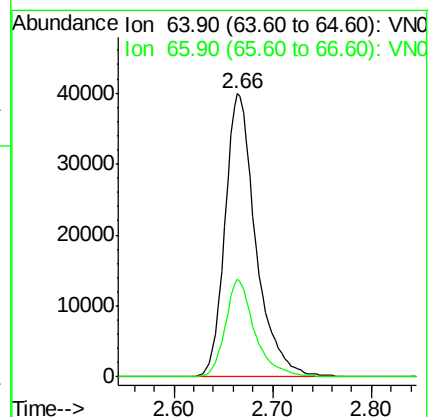
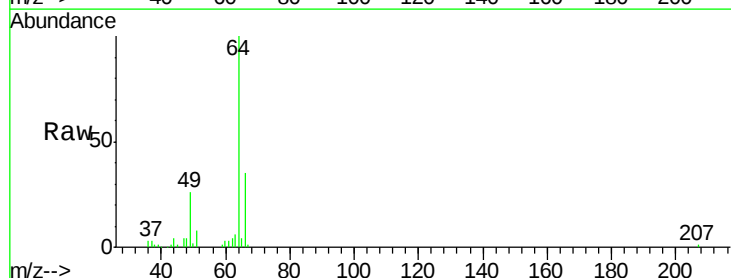
Acq: 18 Jun 2020 10:33

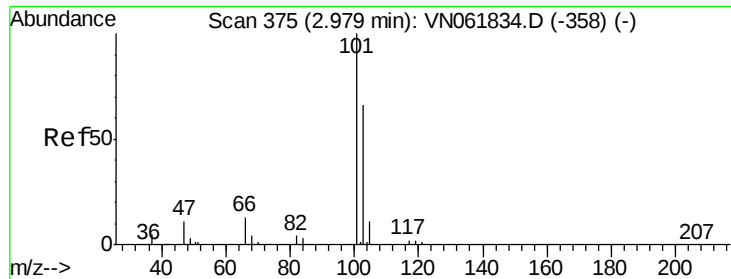
Tgt Ion: 64 Resp: 87142

Ion Ratio Lower Upper

64 100

66 34.5 25.4 38.2





#7

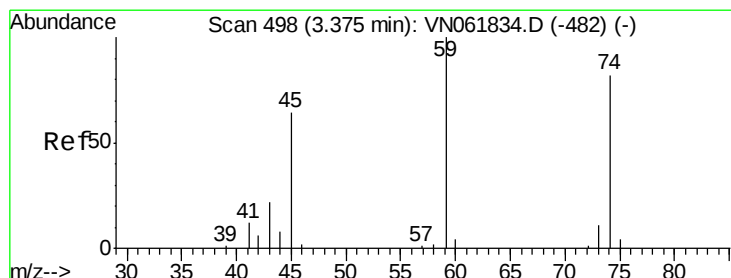
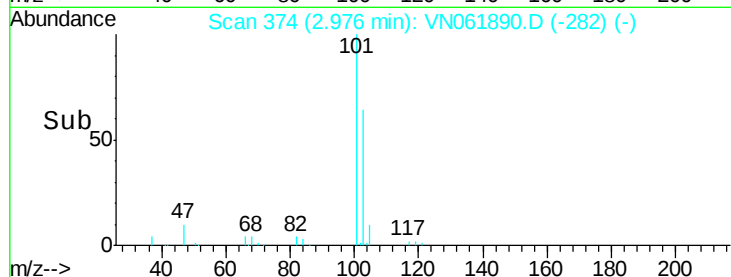
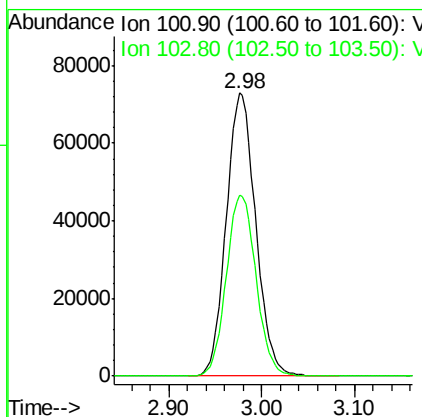
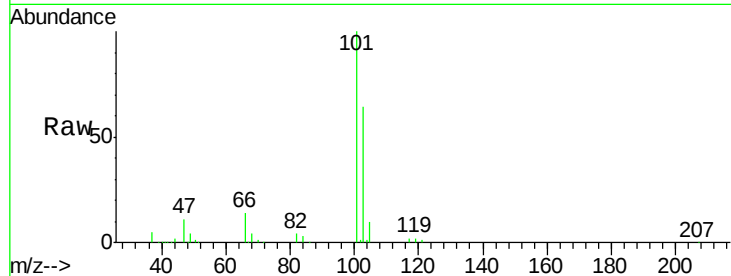
Trichlorofluoromethane
Concen: 52.613 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061890.D
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.8	79.2

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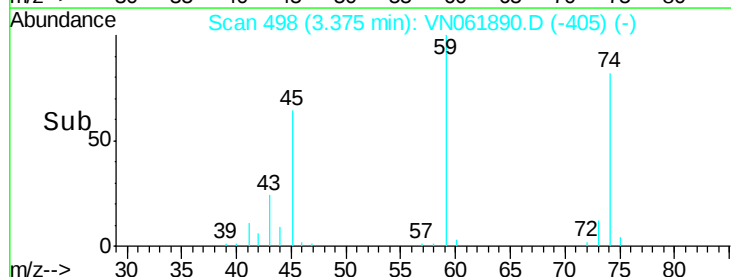
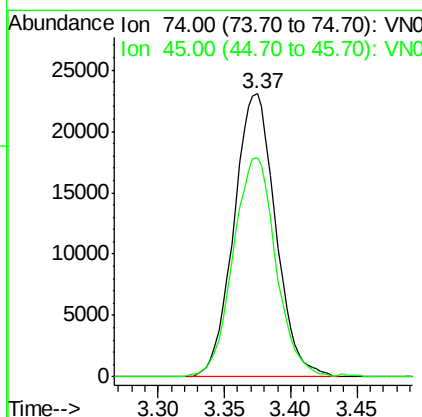
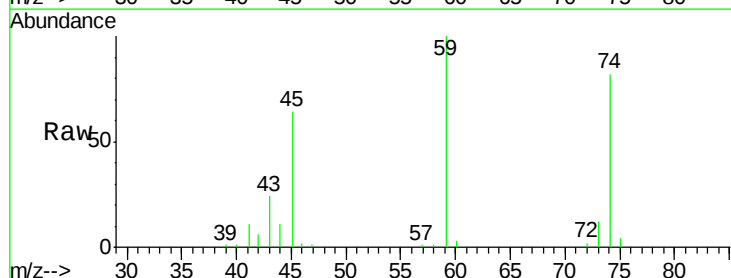
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6/19/2020 1:03:47 PM

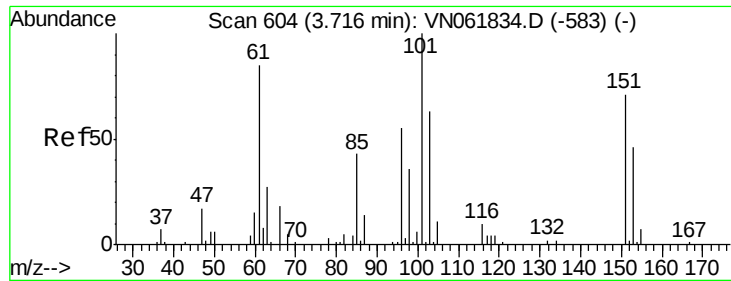


#8

Diethyl Ether
Concen: 49.091 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.3	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.828 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

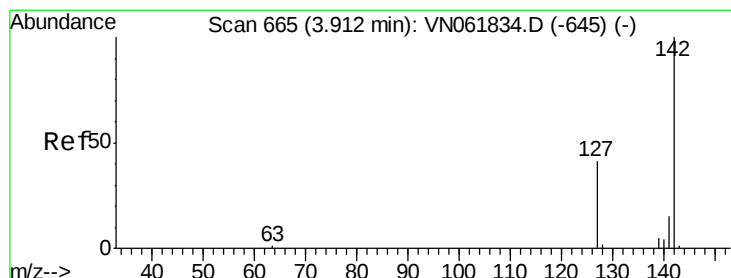
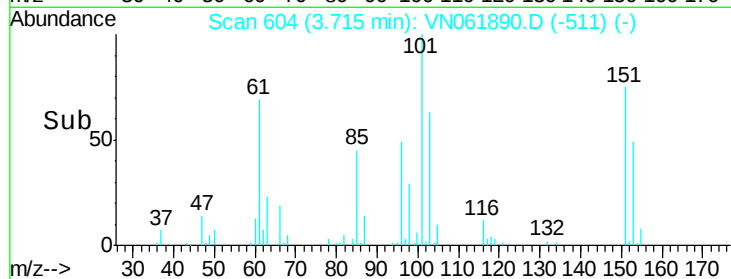
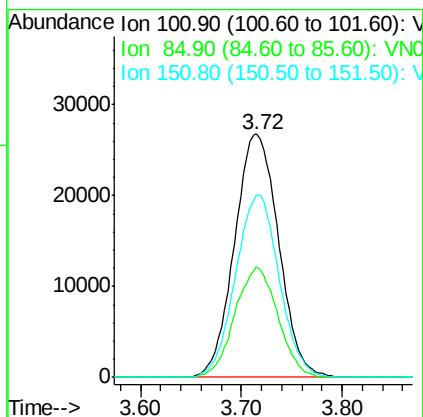
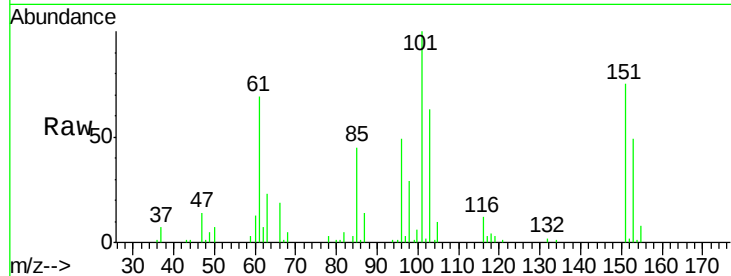
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	81287
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.6
151	74.1	59.2	88.8

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#10

Methyl Iodide

Concen: 51.598 ug/l

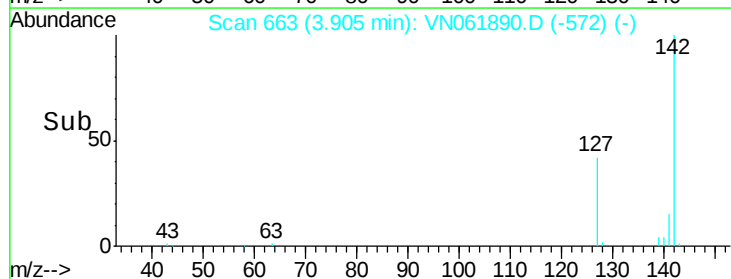
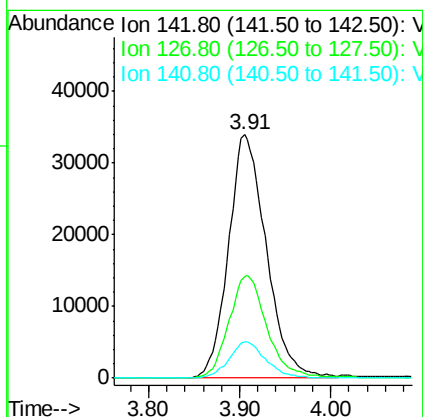
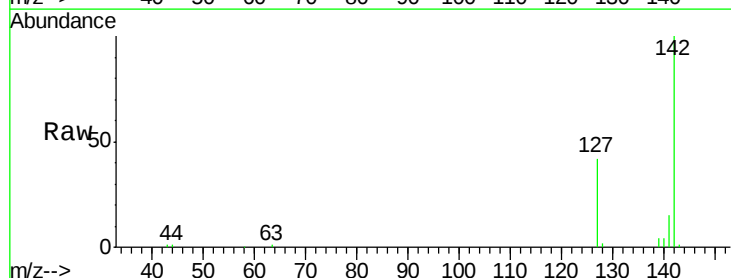
RT: 3.91 min Scan# 663

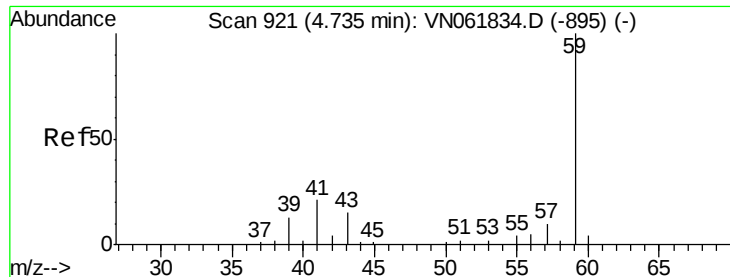
Delta R.T. -0.01 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion:	142	Resp:	98028
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.4	50.0
141	14.4	11.3	16.9





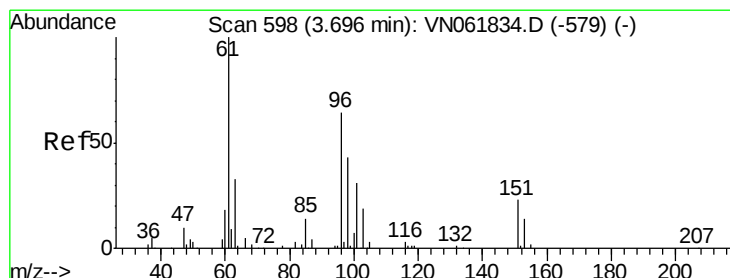
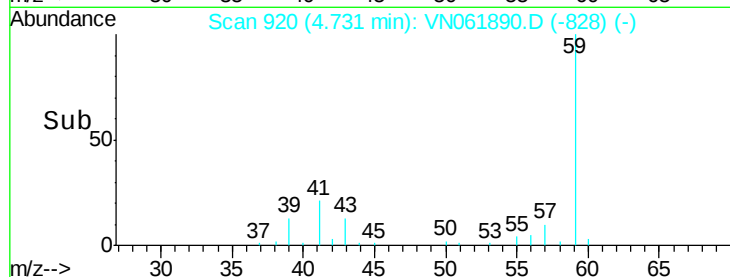
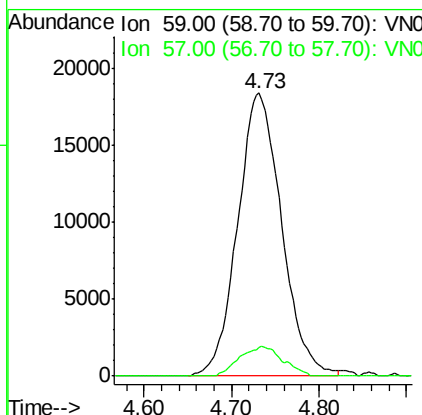
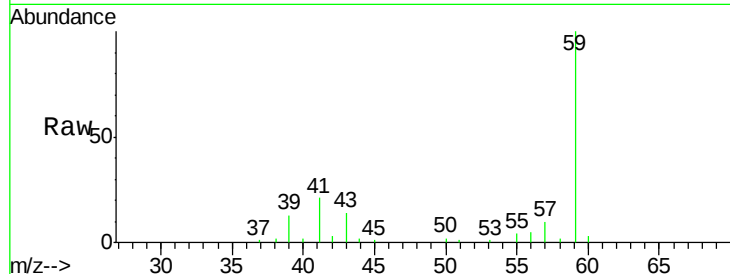
#11
Tert butyl alcohol
Concen: 223.208 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 64071
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5

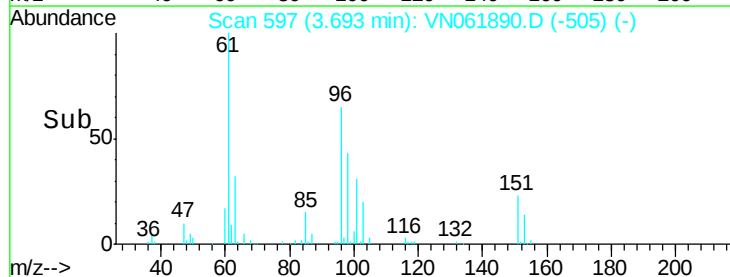
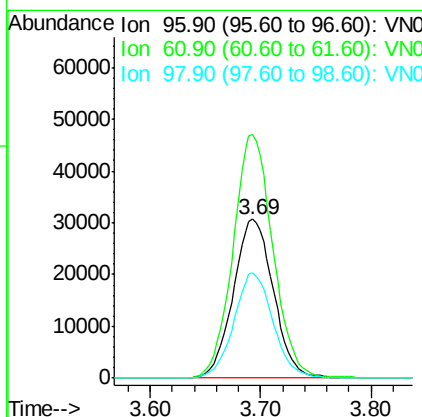
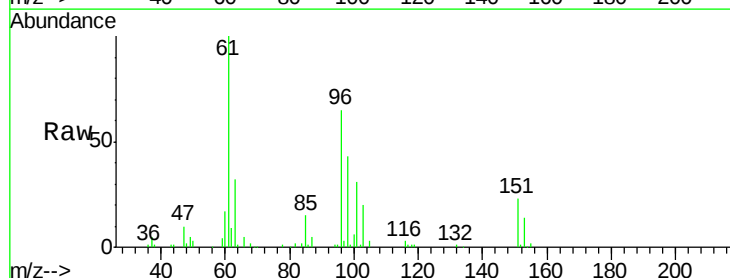
Manual Integrations
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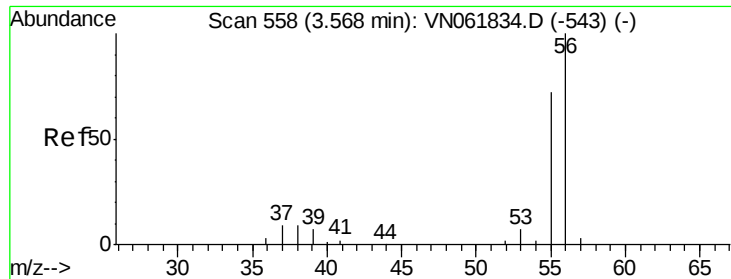
MMDadoda
6/19/2020 1:03:47 PM



#12
1,1-Dichloroethene
Concen: 49.241 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 96 Resp: 77383
Ion Ratio Lower Upper
96 100
61 153.1 124.3 186.5
98 66.1 53.1 79.7





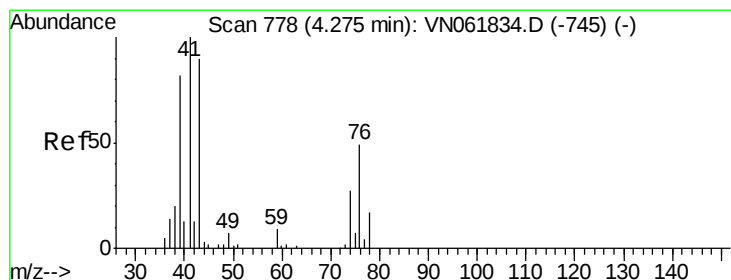
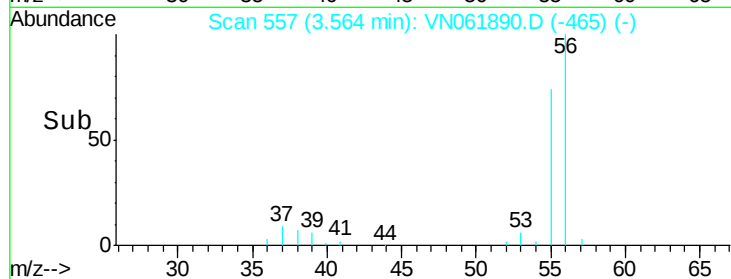
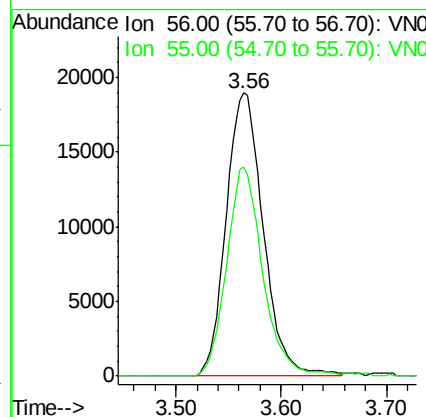
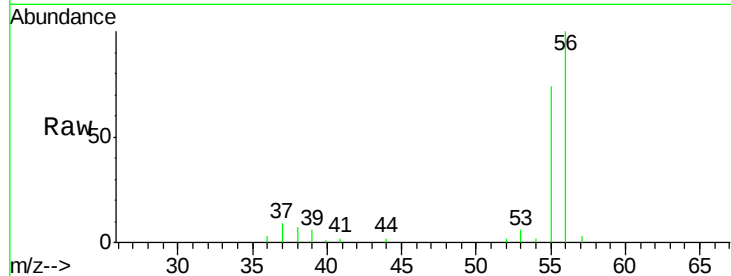
#13
 Acrolein
 Concen: 269.899 ug/l
 RT: 3.56 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	46304
Ion Ratio	100	Lower	Upper
56	100		
55	71.7	56.2	84.4

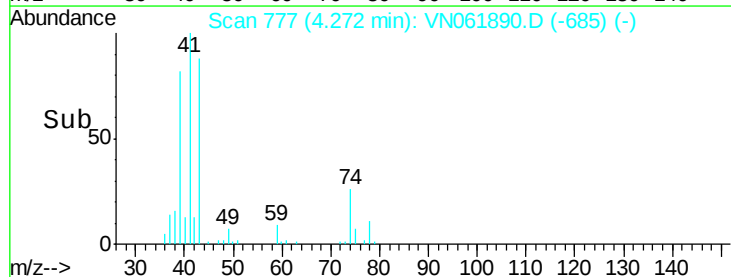
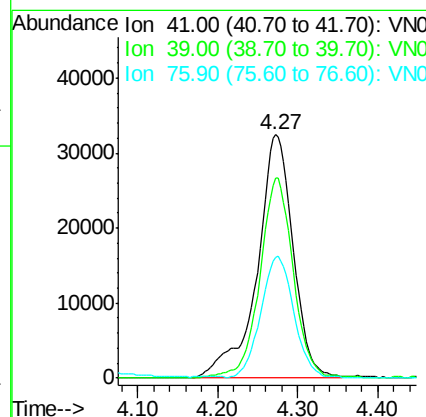
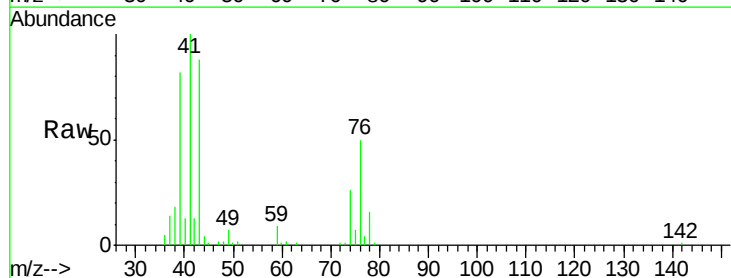
Manual Integrations
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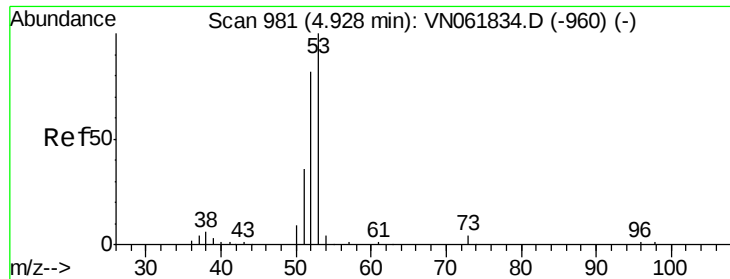
MMDadoda
 6/19/2020 1:03:47 PM



#14
 Allyl chloride
 Concen: 48.359 ug/l
 RT: 4.27 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	41	Resp	100864
Ion Ratio	100	Lower	Upper
41	100		
39	76.3	60.2	90.2
76	46.0	36.3	54.5





#15

Acrylonitrile

Concen: 250.837 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

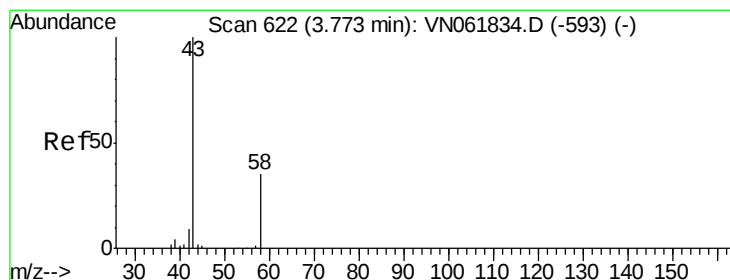
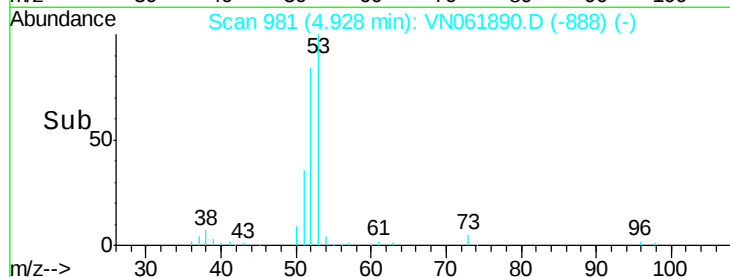
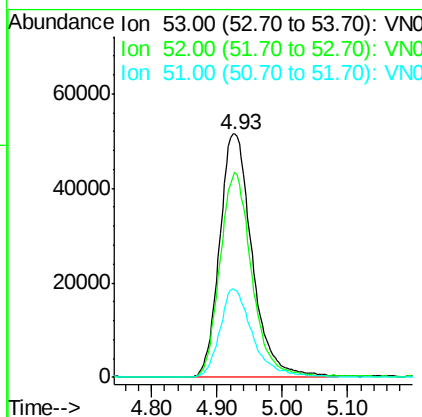
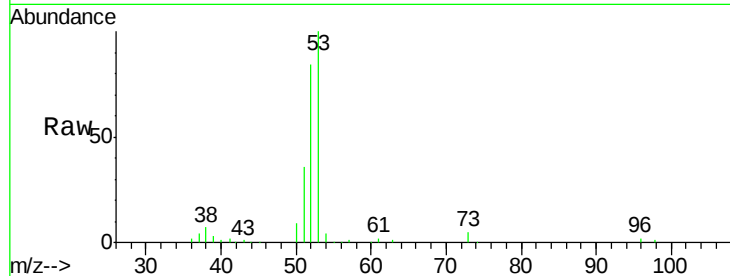
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	178409
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.2	97.8
51	36.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 247.900 ug/l

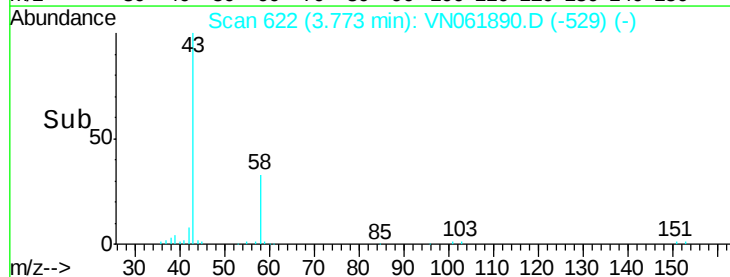
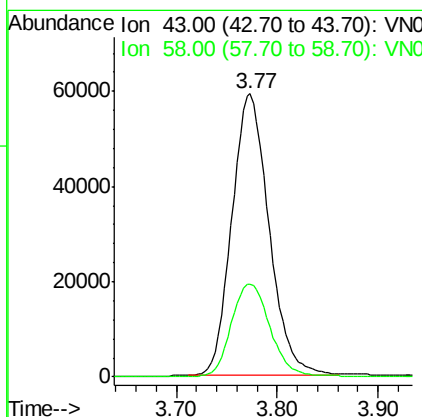
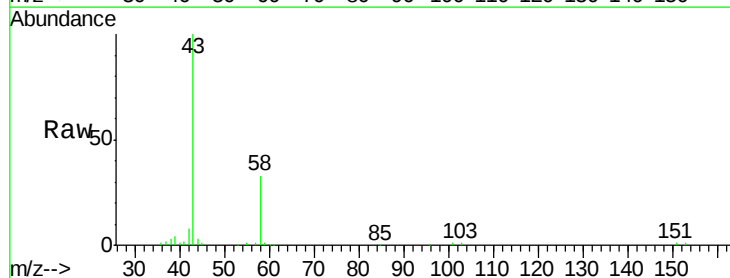
RT: 3.77 min Scan# 622

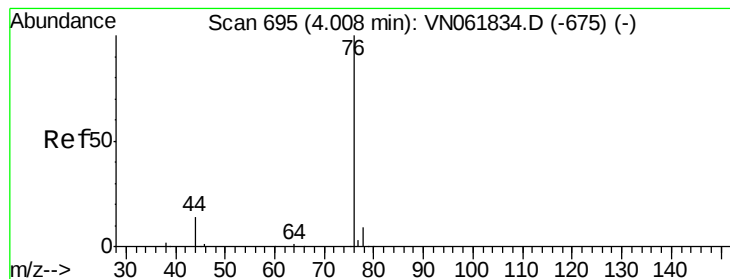
Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion:	43	Resp:	151894
Ion Ratio	Lower	Upper	
43	100		
58	33.0	27.8	41.8





#17

Carbon Disulfide

Concen: 48.170 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 221499

Ion Ratio Lower Upper

76 100

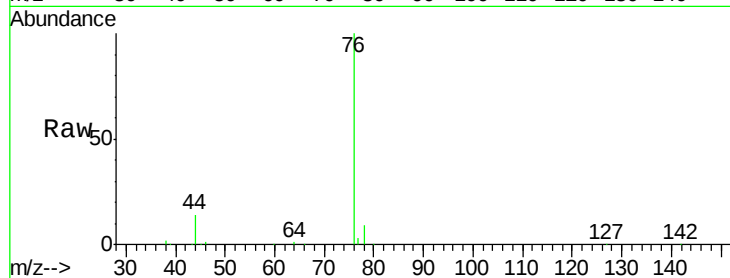
78 8.9

7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-675) (-)

4.00

80000

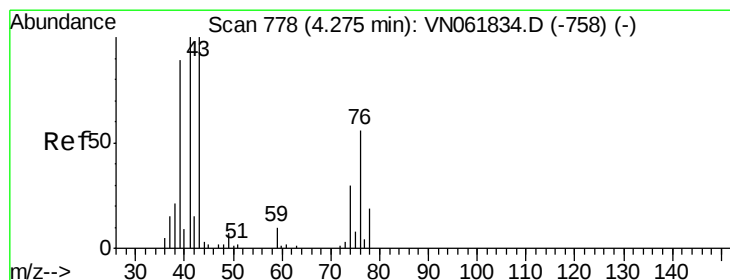
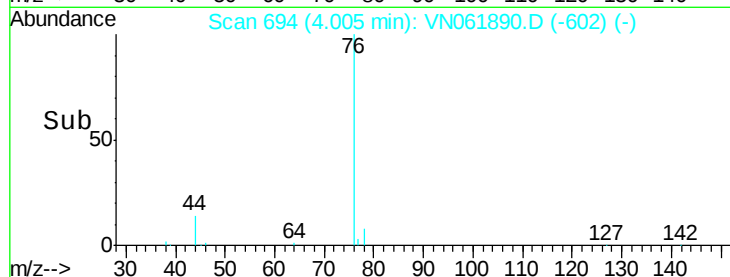
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.267 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

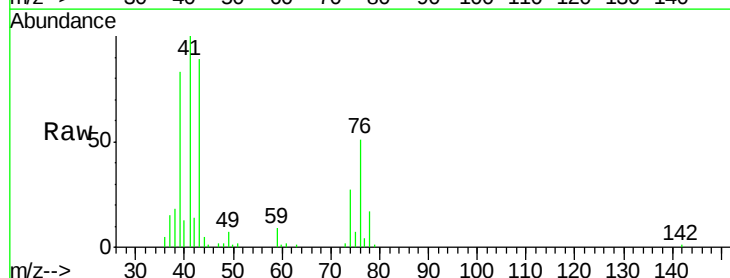
Tgt Ion: 43 Resp: 83381

Ion Ratio Lower Upper

43 100

74 29.6

23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061834.D (-758) (-)

4.27

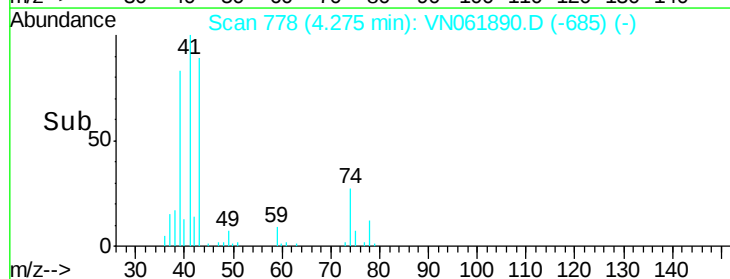
30000

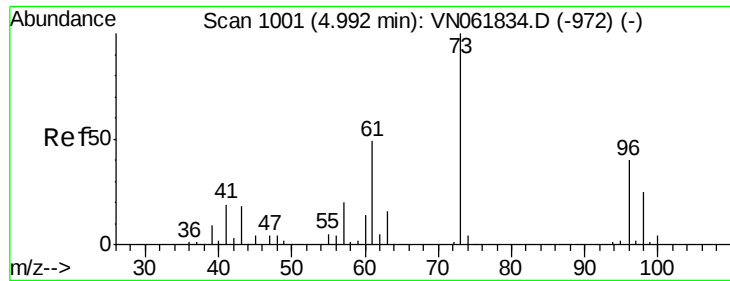
20000

10000

0

Time-->





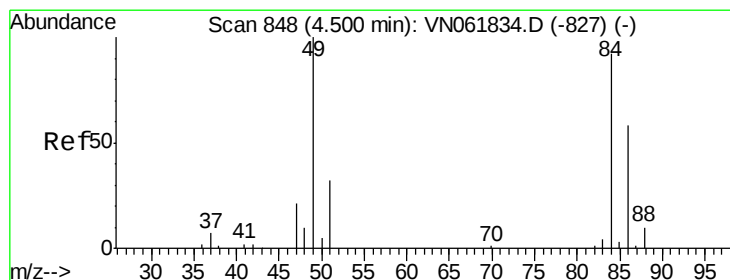
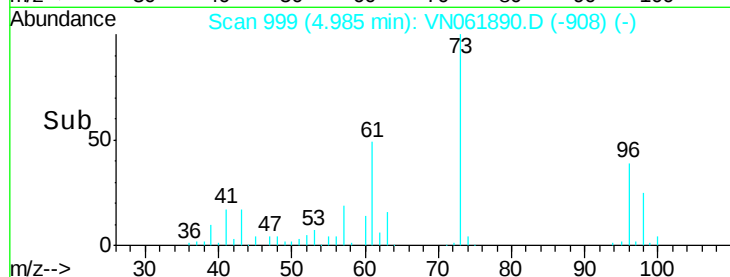
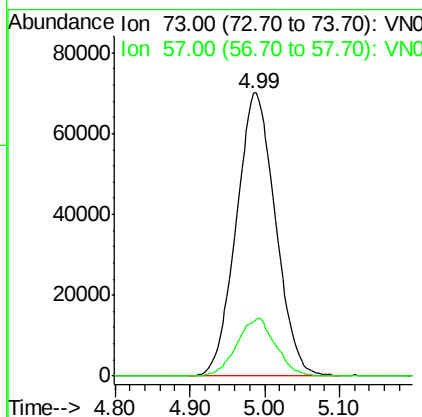
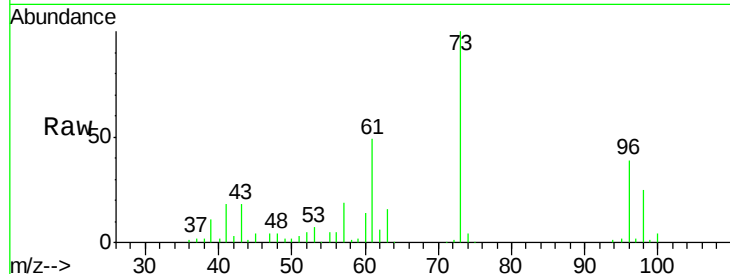
#19
Methvl tert-butvl Ether
Concen: 48.829 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 255497
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4

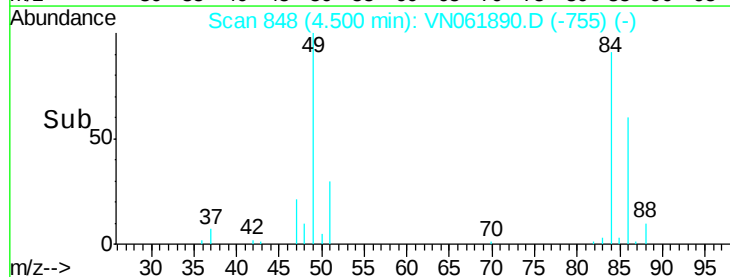
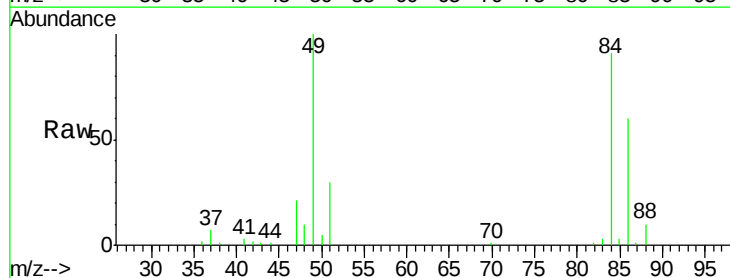
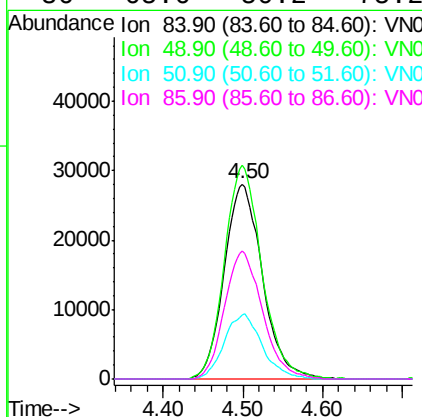
Manual Integrations
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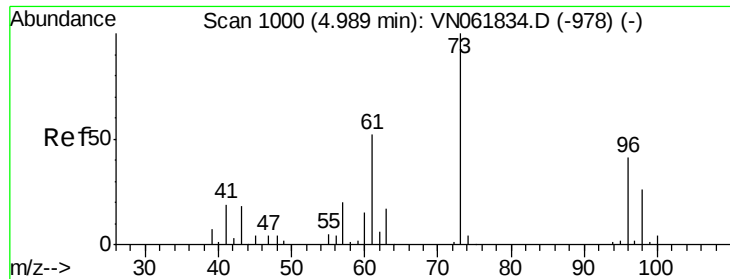
MMDadoda
6/19/2020 1:03:47 PM



#20
Methylene Chloride
Concen: 45.822 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 84 Resp: 91471
Ion Ratio Lower Upper
84 100
49 109.5 87.0 130.4
51 32.9 27.8 41.6
86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.618 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 89564

Ion Ratio Lower Upper

96 100

61 125.2 102.2 153.4

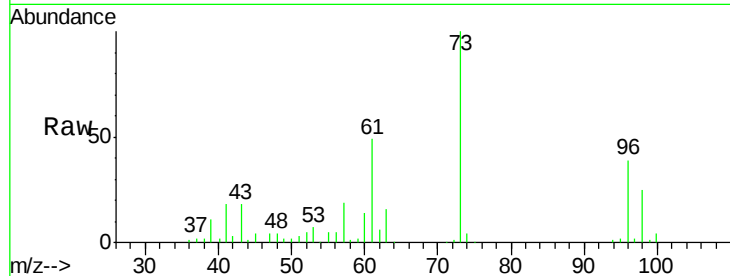
98 62.5 51.2 76.8

Manual Integrations

APPROVED

MMDadoda

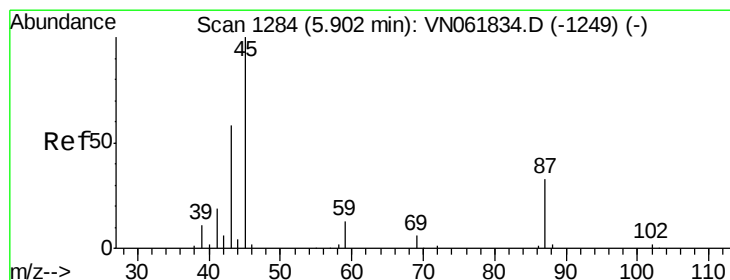
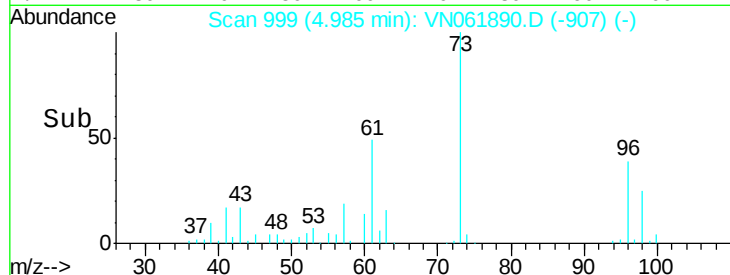
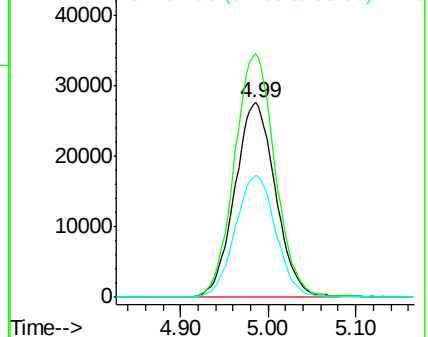
6/19/2020 1:03:47 PM



Abundance Ion 95.90 (95.60 to 96.60): VN061890.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061890.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061890.D (-907) (-)



#22

Diisopropyl ether

Concen: 47.504 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion: 45 Resp: 226601

Ion Ratio Lower Upper

45 100

43 63.5 49.4 74.2

87 35.3 27.4 41.0

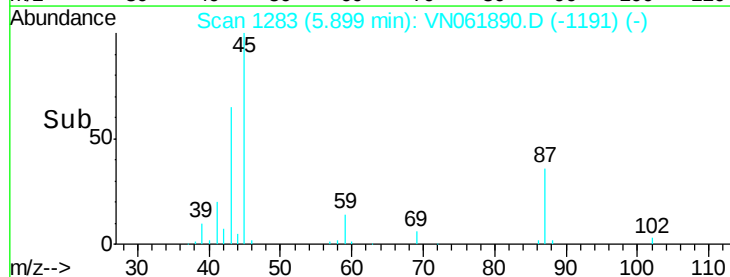
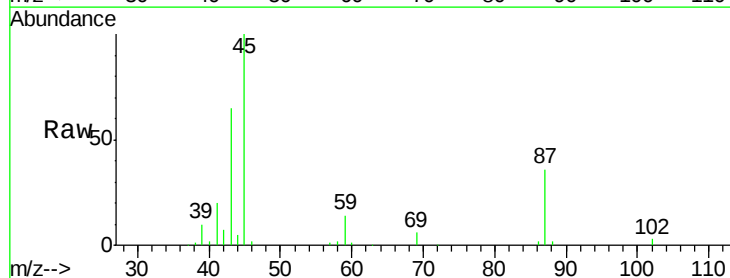
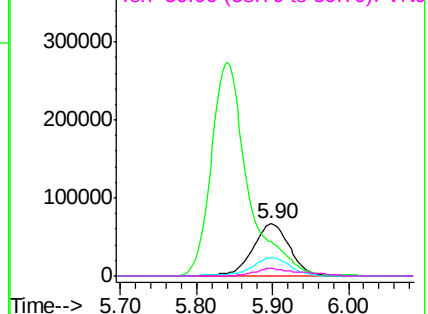
59 13.9 10.6 15.8

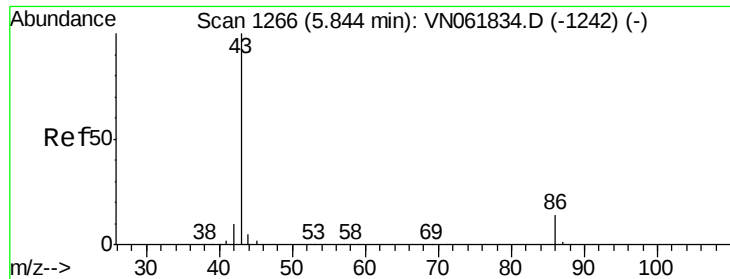
Abundance Ion 45.00 (44.70 to 45.70): VN061890.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061890.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061890.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061890.D (-1191) (-)





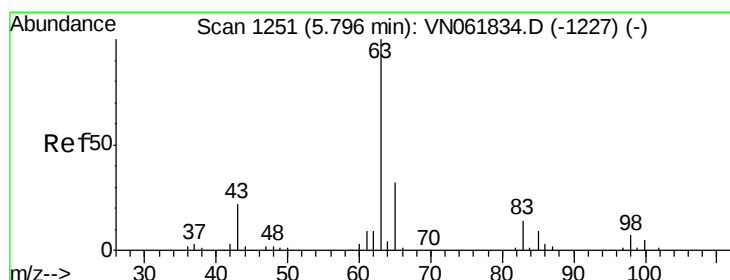
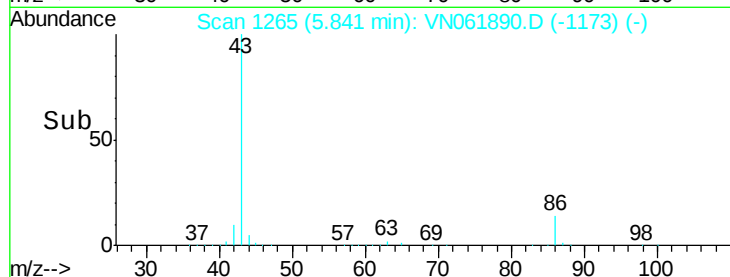
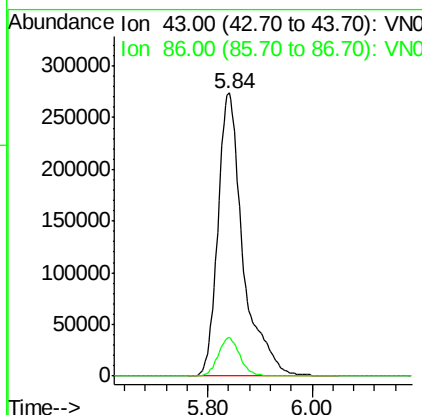
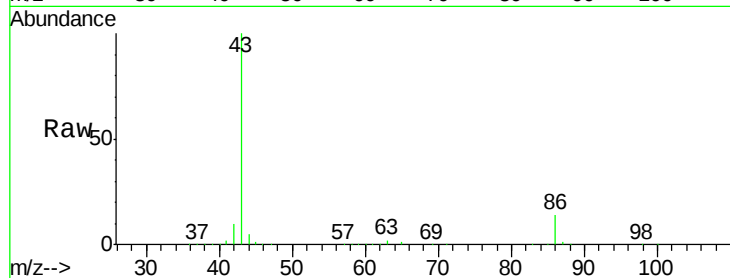
#23
 Vinyl Acetate
 Concen: 244.978 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	919102
Ion Ratio	100	Lower	Upper
86	13.6	10.9	16.3

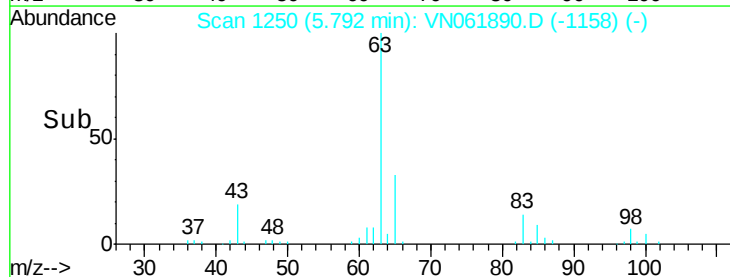
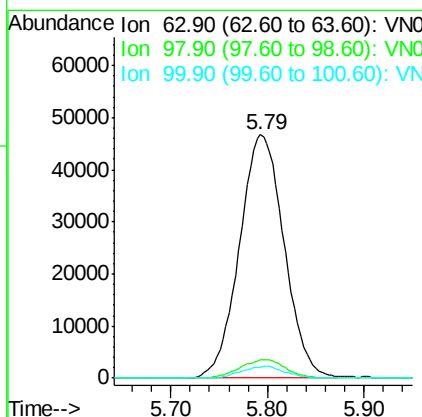
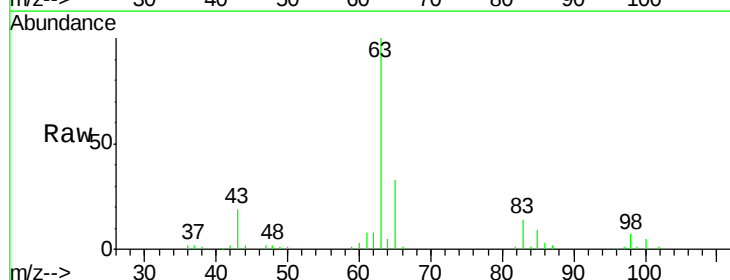
Manual Integrations
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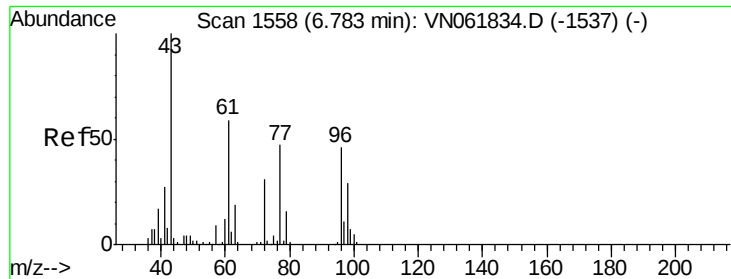
MMDadoda
 6/19/2020 1:03:47 PM



#24
 1,1-Dichloroethane
 Concen: 47.880 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	63	Resp	149512
Ion Ratio	100	Lower	Upper
98	7.5	3.5	10.4
100	4.6	2.5	7.4





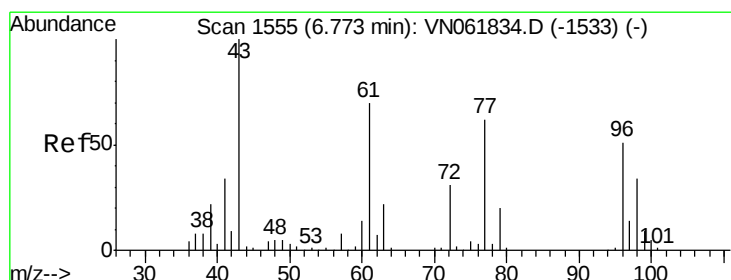
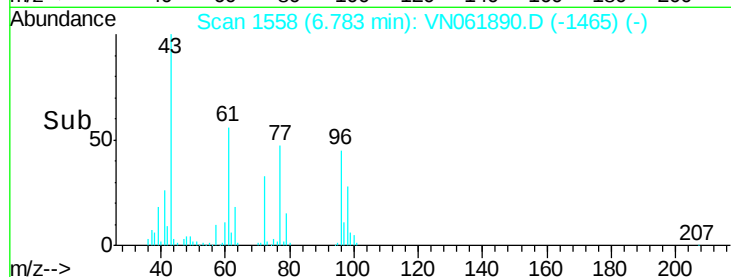
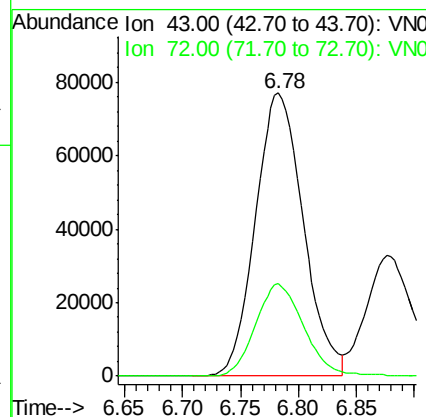
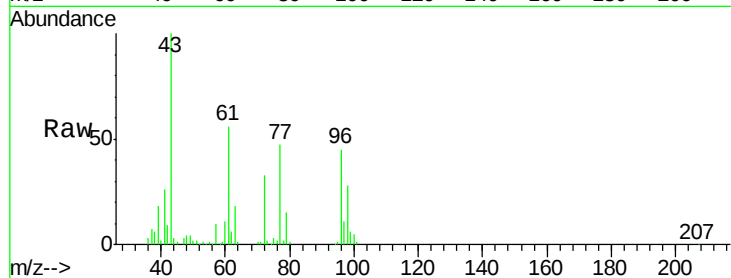
#25
2-Butanone
Concen: 247.819 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	32.7	24.6	37.0

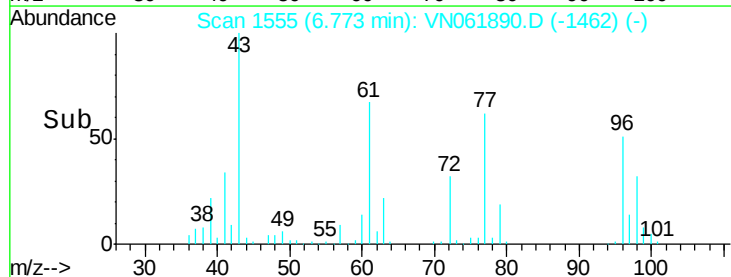
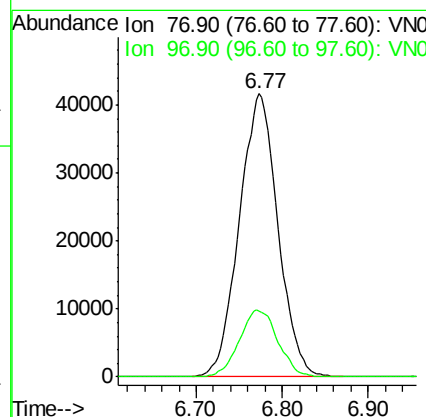
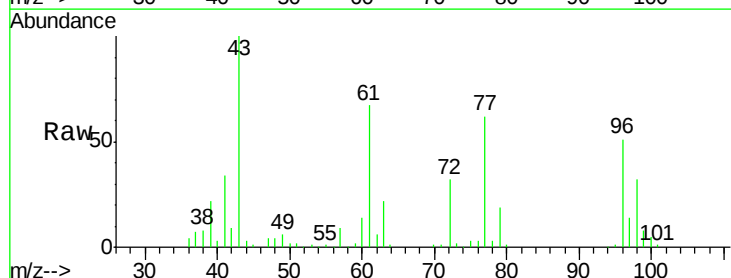
Manual Integrations
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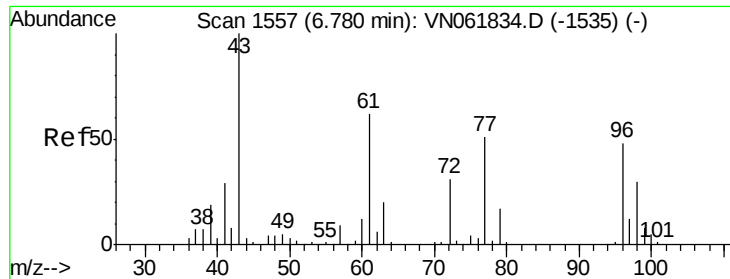
MMDadoda
6/19/2020 1:03:47 PM



#26
2,2-Dichloropropane
Concen: 49.423 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.5	11.7	35.0





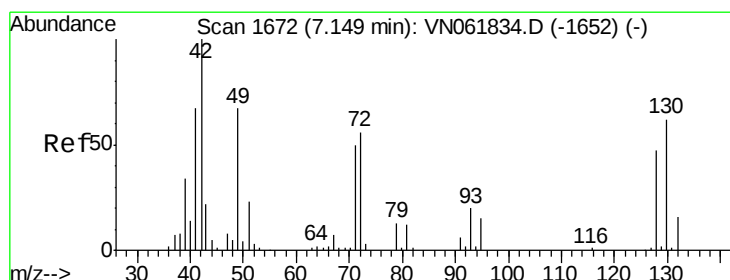
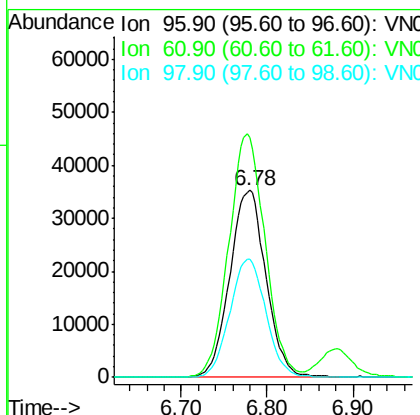
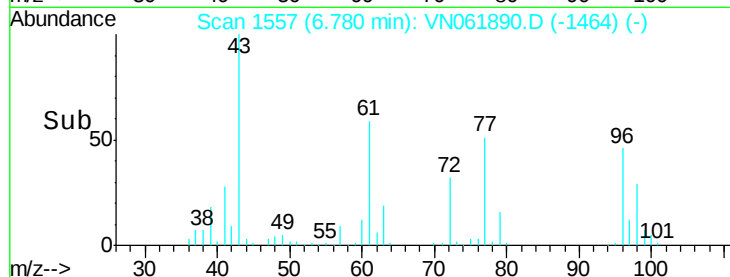
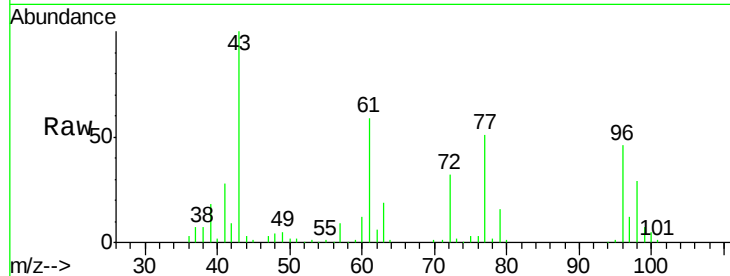
#27
 cis-1,2-Dichloroethene
 Concen: 49.585 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.2	0.0	265.6	
98	63.0	0.0	128.2	

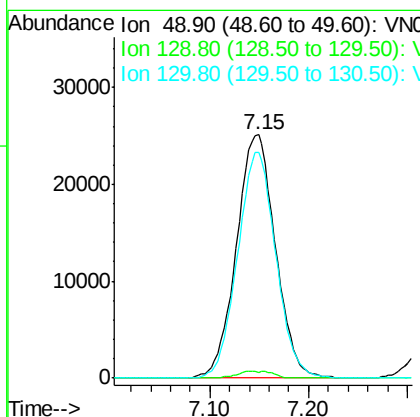
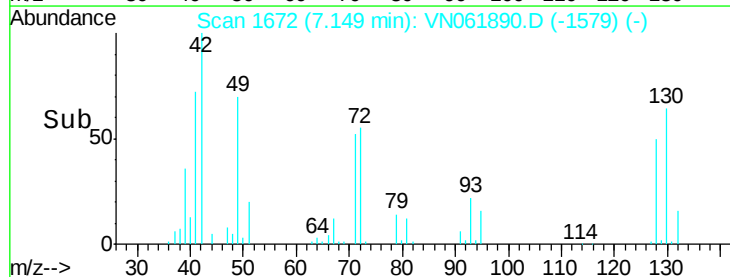
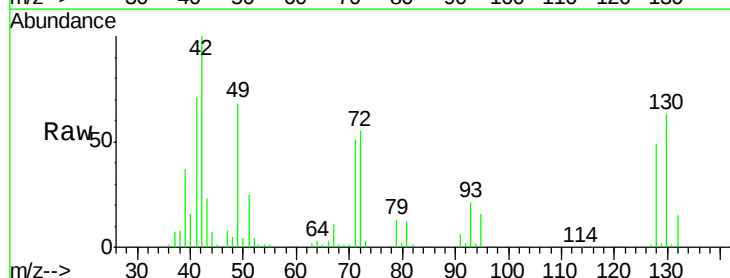
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 6/19/2020 1:03:47 PM



#28
 Bromochloromethane
 Concen: 49.573 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.0	
130	90.7	72.2	108.2	





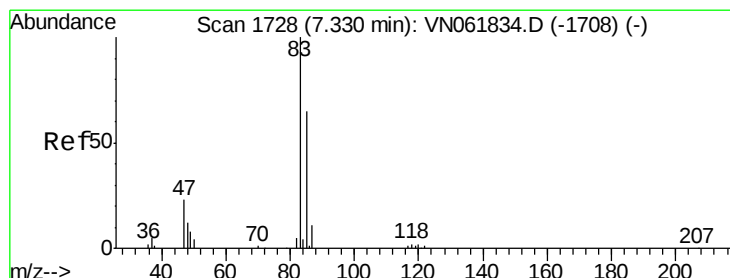
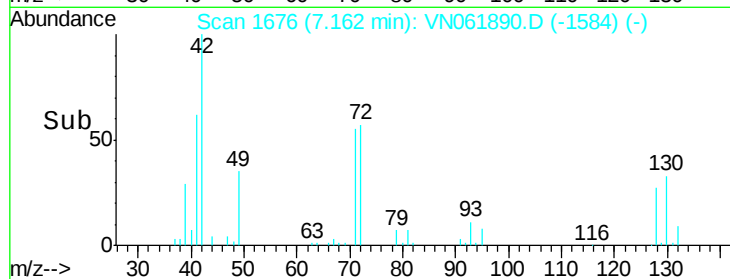
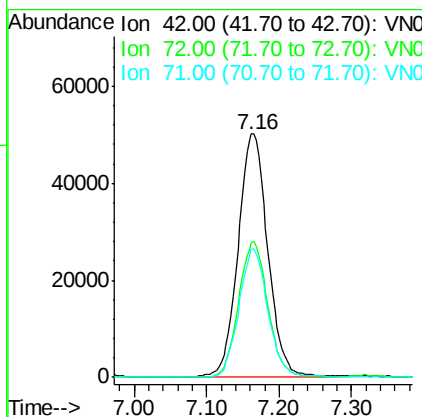
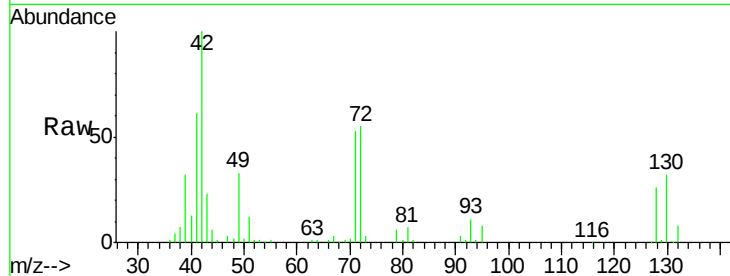
#29
Tetrahydrofuran
Concen: 244.095 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.9	44.0	66.0
71	51.0	40.0	60.0

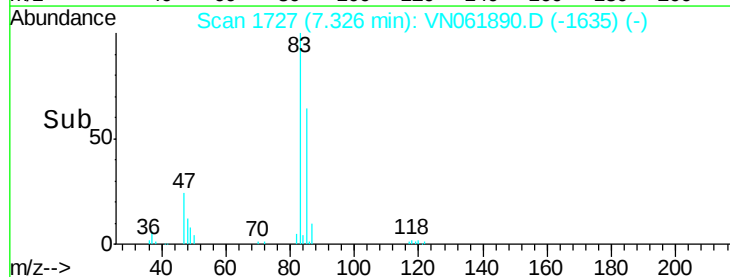
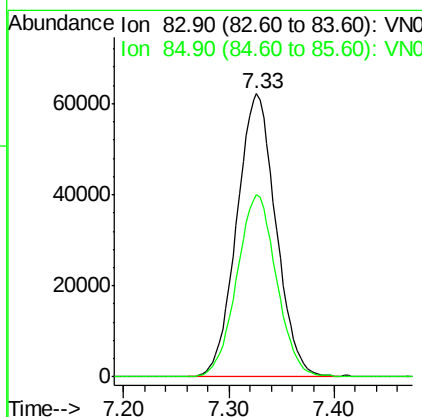
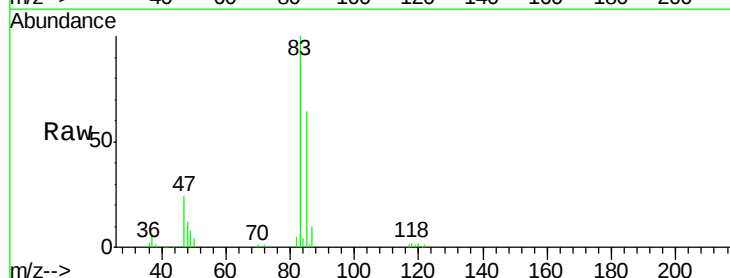
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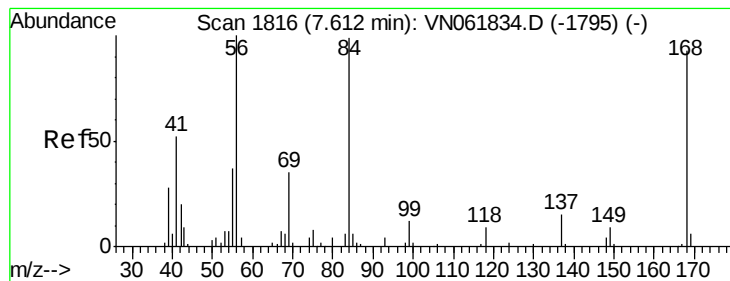
MMDadoda
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#30
Chloroform
Concen: 48.084 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





#31

Cyclohexane

Concen: 46.537 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

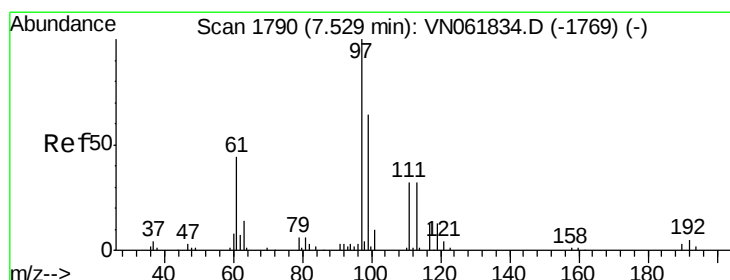
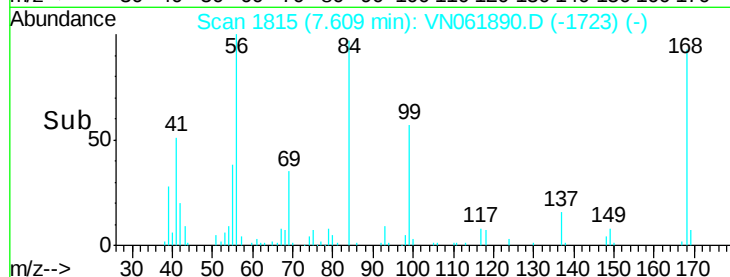
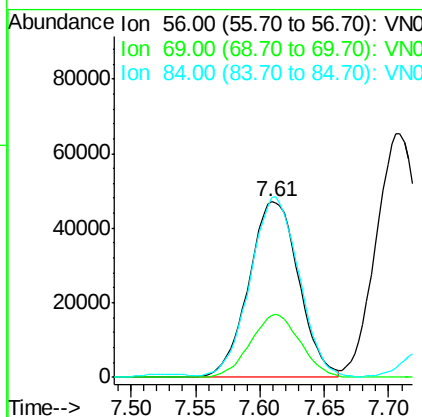
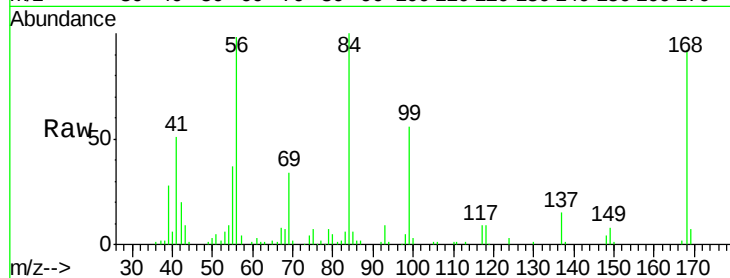
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	127213
Ion Ratio	Lower	Upper	
56	100		
69	35.1	27.7	41.5
84	100.7	79.1	118.7

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#32

1,1,1-Trichloroethane

Concen: 49.163 ug/l

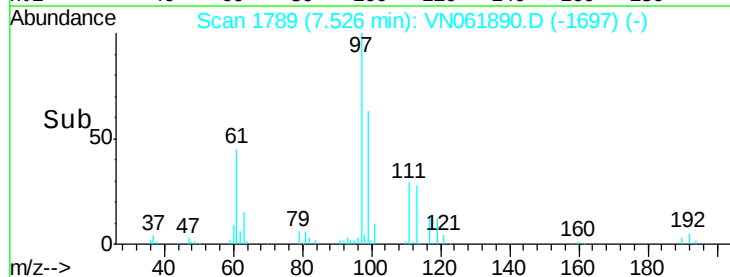
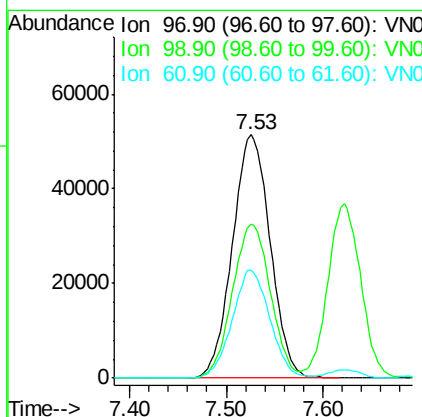
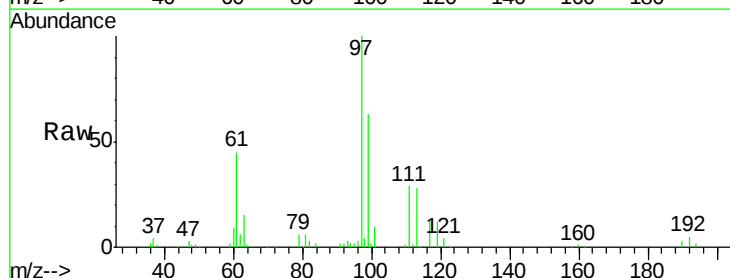
RT: 7.53 min Scan# 1789

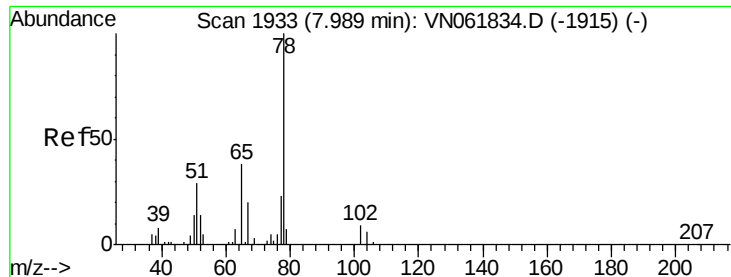
Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion:	97	Resp:	139729
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.5	77.3
61	44.1	35.1	52.7





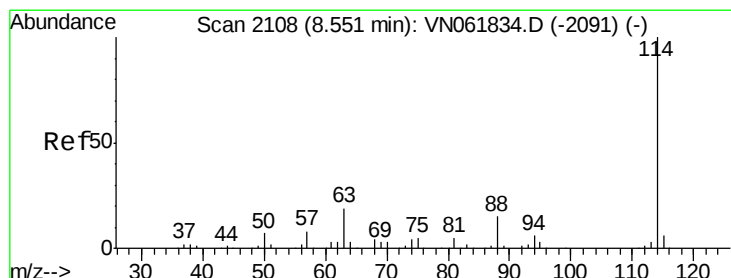
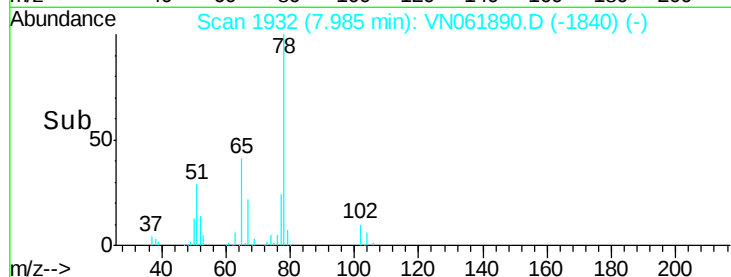
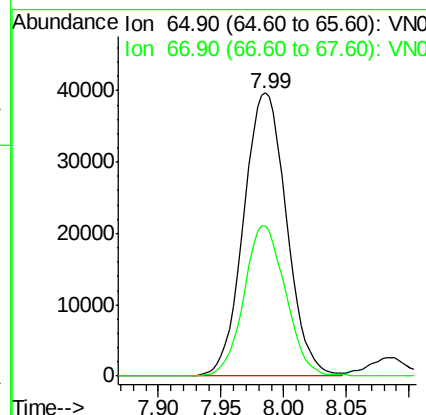
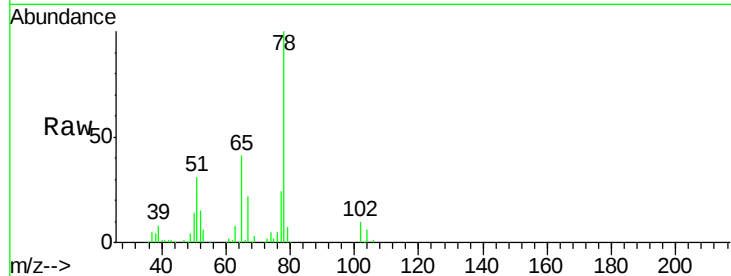
#33
 1,2-Dichloroethane-d4
 Concen: 45.607 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.2

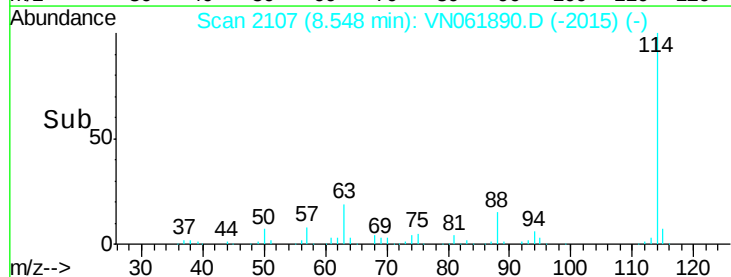
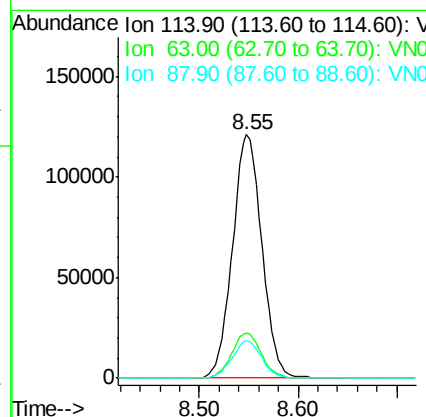
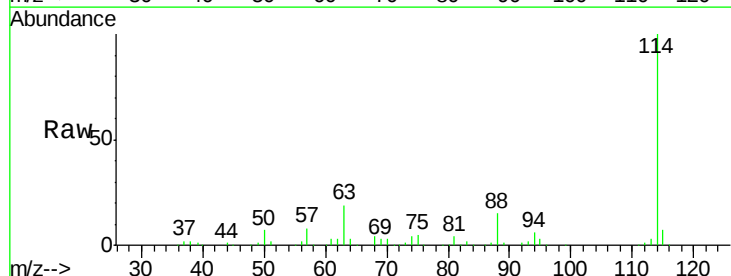
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.6
88	15.2	0.0	31.0





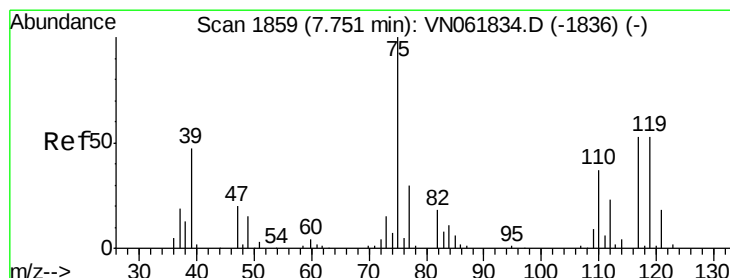
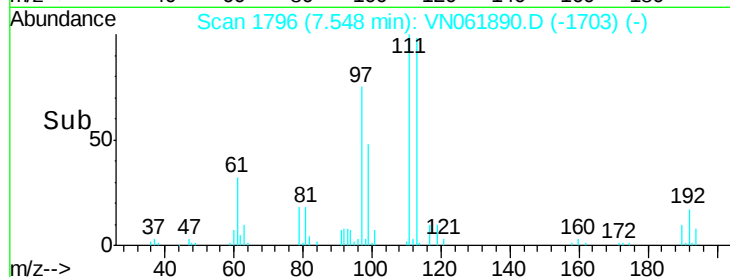
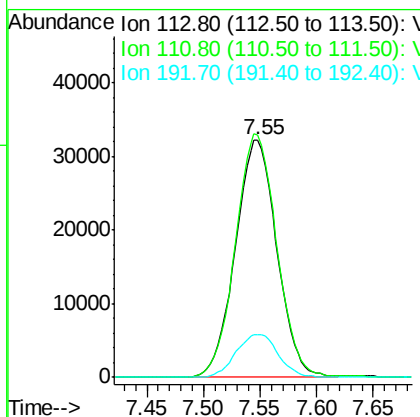
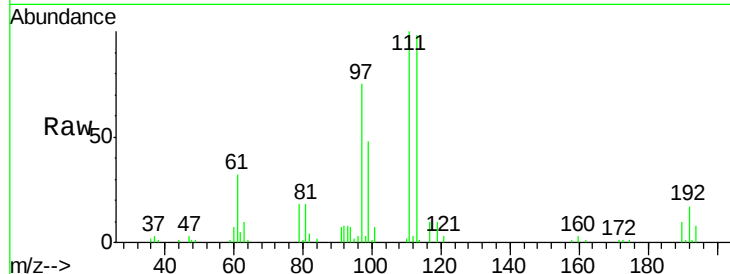
#35
Dibromofluoromethane
Concen: 51.098 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.7	125.5
192	18.3	13.9	20.9

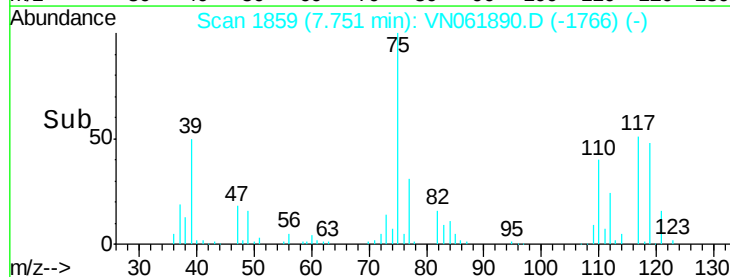
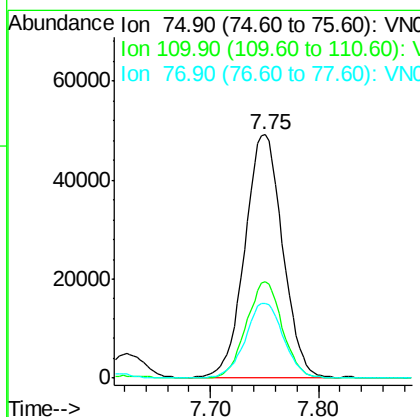
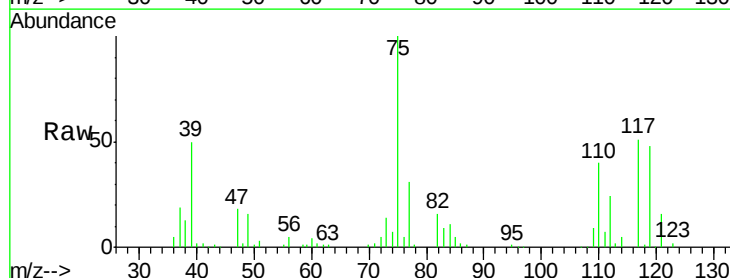
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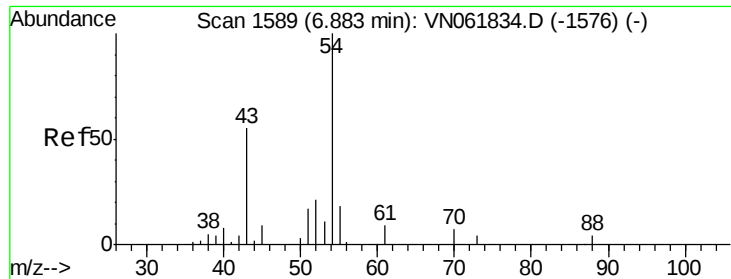
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#36
1,1-Dichloropropene
Concen: 52.294 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.2	54.6
77	31.1	24.2	36.4





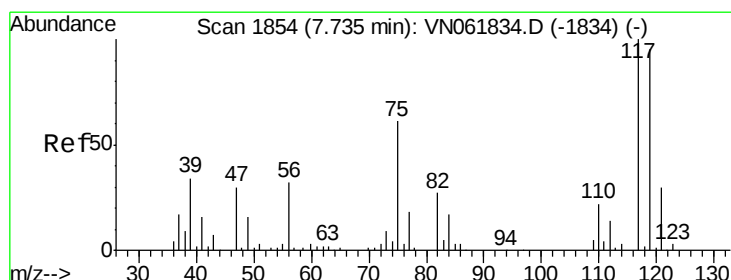
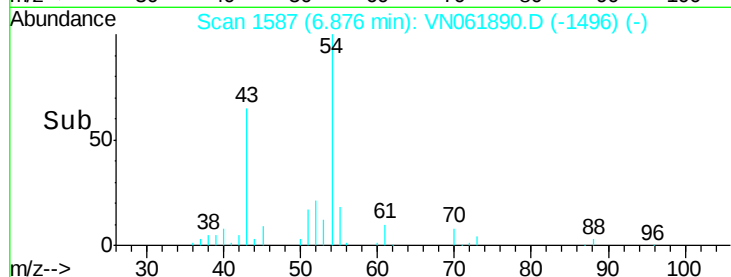
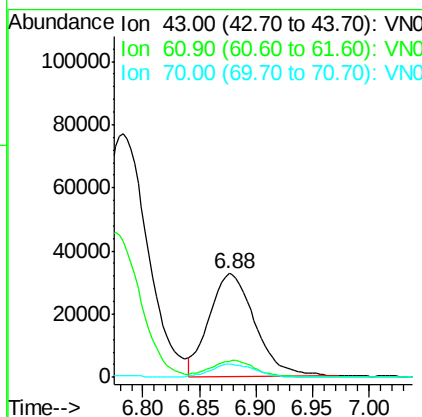
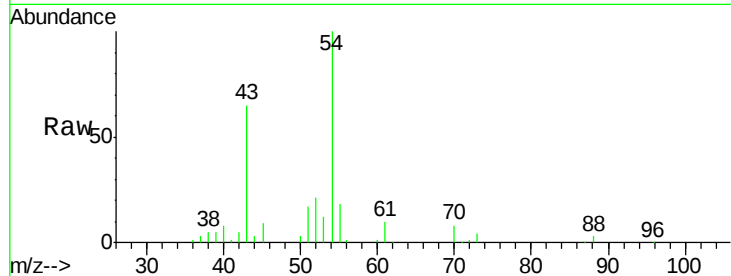
#37
Ethyl Acetate
Concen: 50.834 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.0	19.4
70	12.3	9.4	14.2

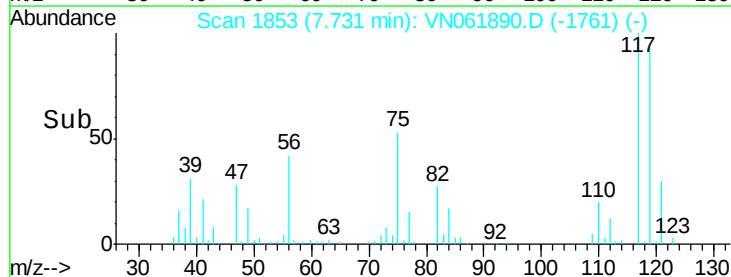
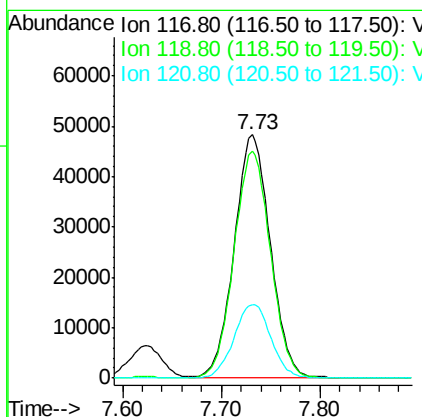
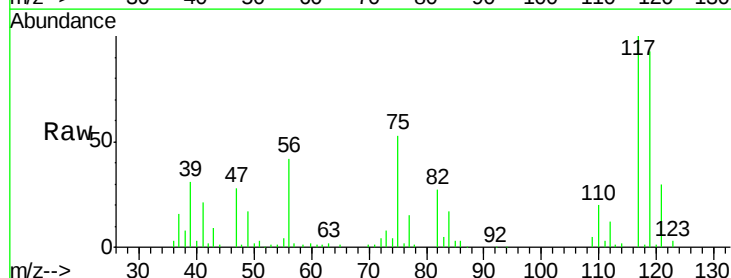
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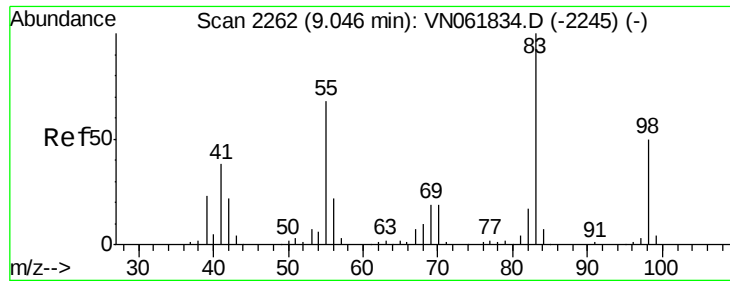
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#38
Carbon Tetrachloride
Concen: 54.090 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.6
121	30.3	23.8	35.6





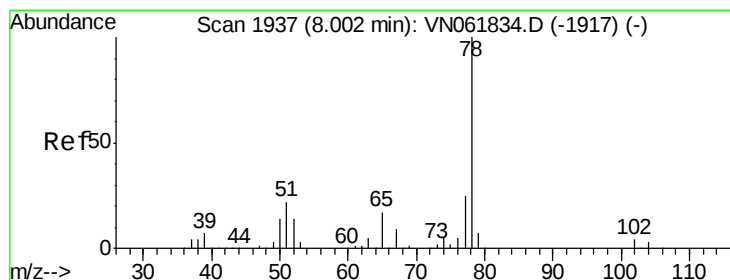
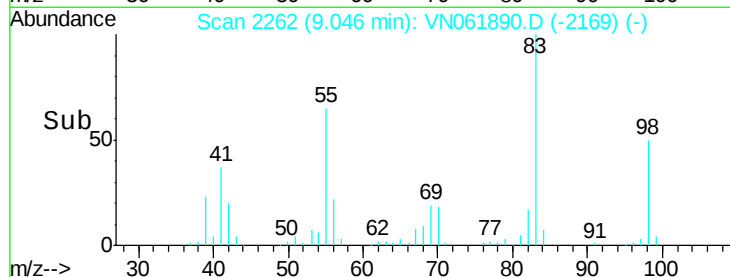
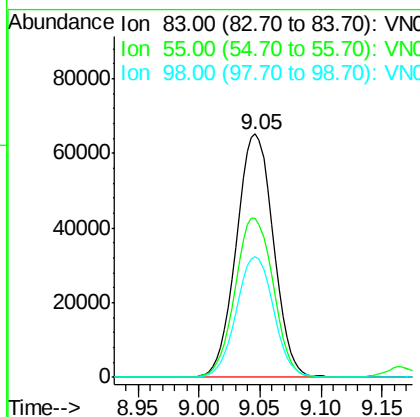
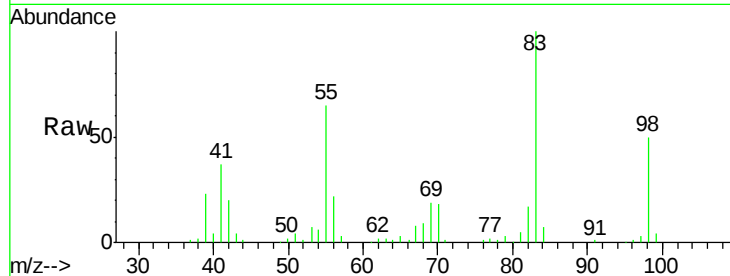
#39
Methvlcvclohexane
Concen: 55.586 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.3	54.2	81.4
98	49.8	39.8	59.6

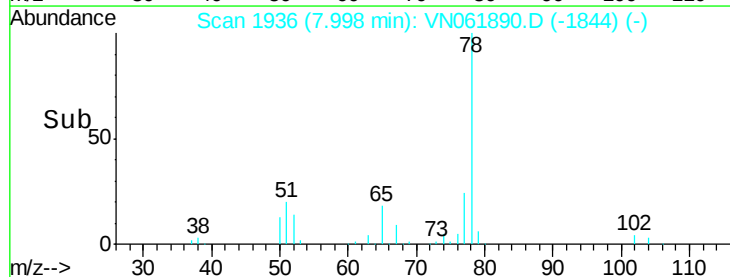
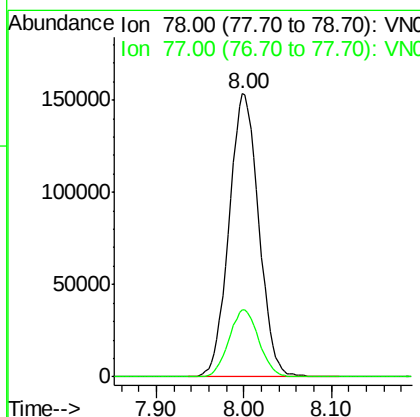
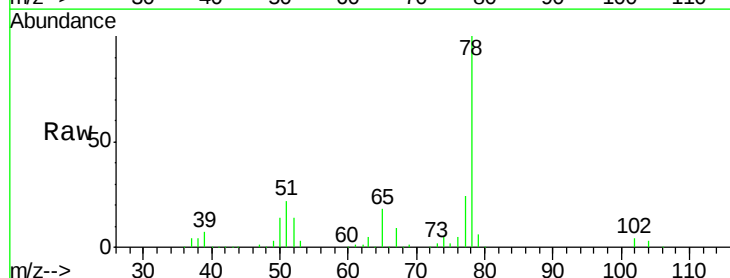
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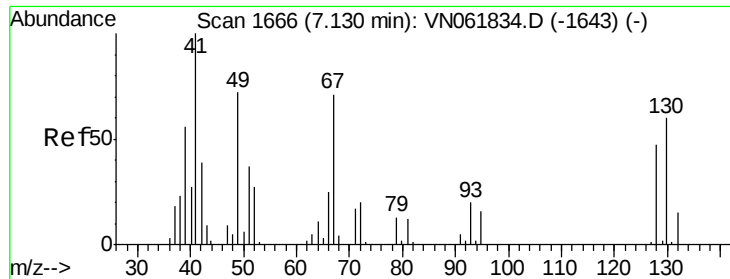
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#40
Benzene
Concen: 52.135 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.7	29.5





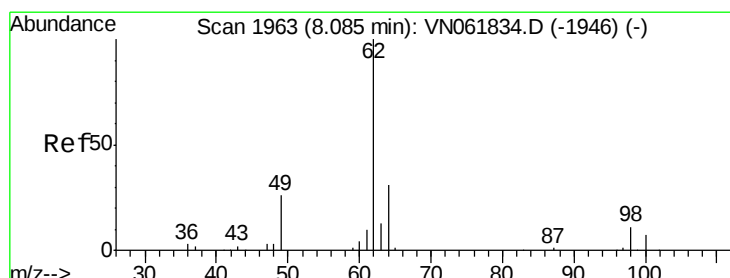
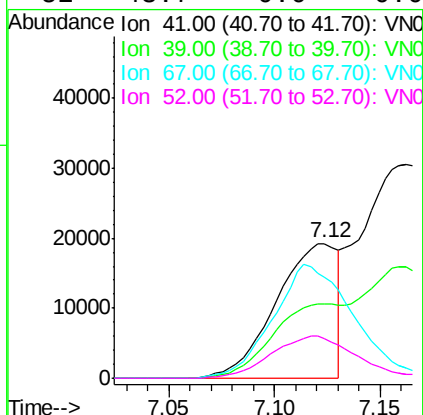
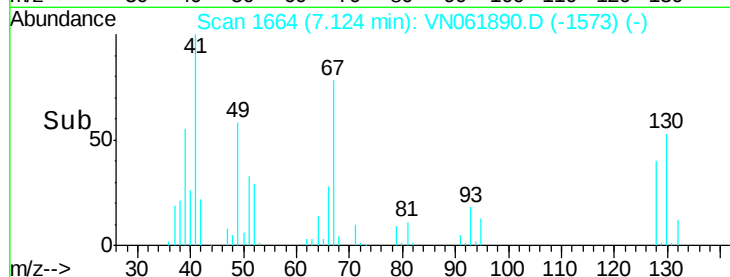
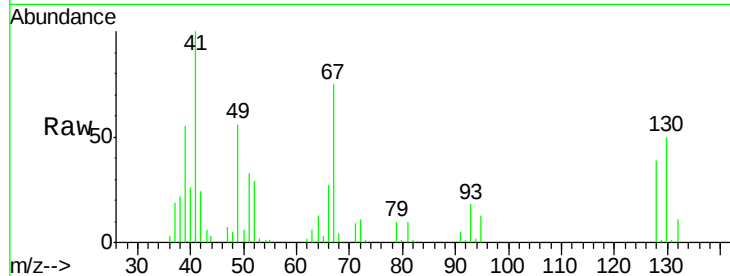
#41
Methacrylonitrile
Concen: 50.879 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.4	0.0	0.0#
67	111.1	0.0	0.0#
52	43.7	0.0	0.0#

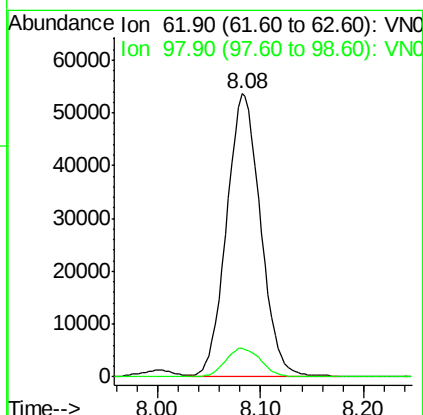
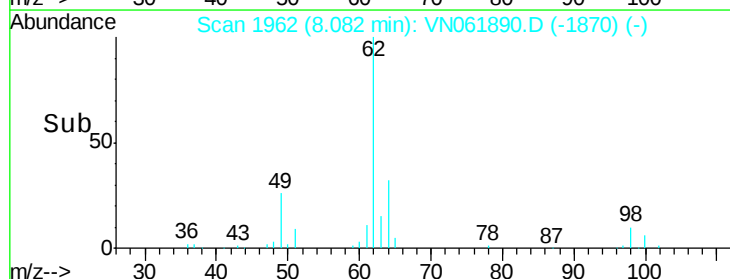
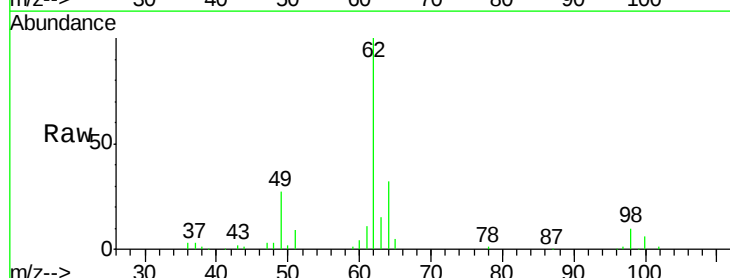
Manual Integrations
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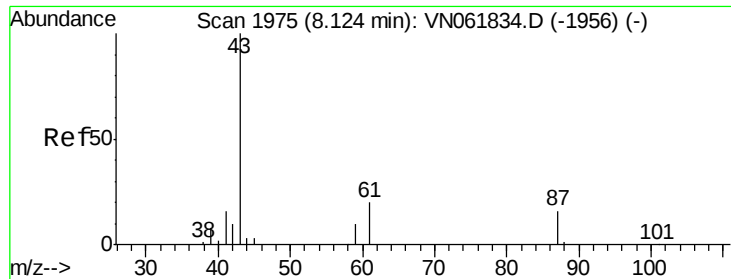
MMDadoda
6/19/2020 1:03:47 PM



#42
1,2-Dichloroethane
Concen: 52.120 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





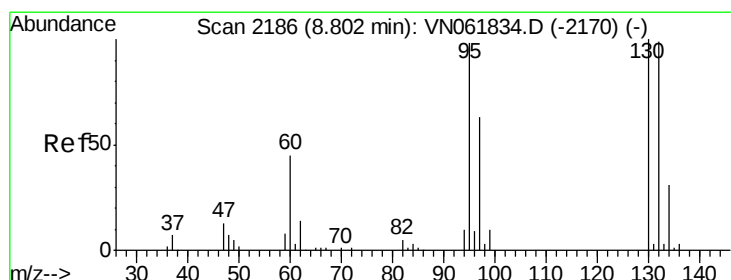
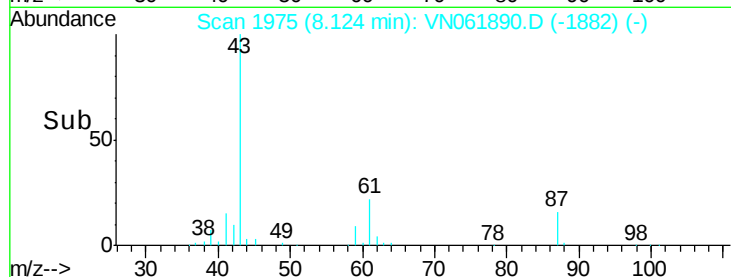
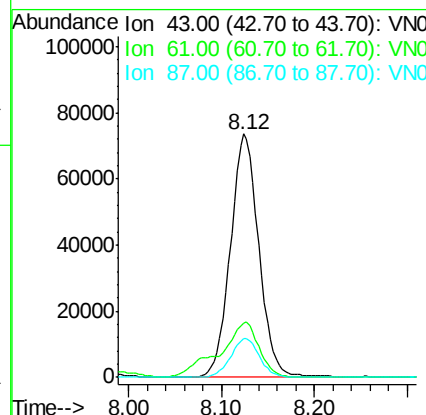
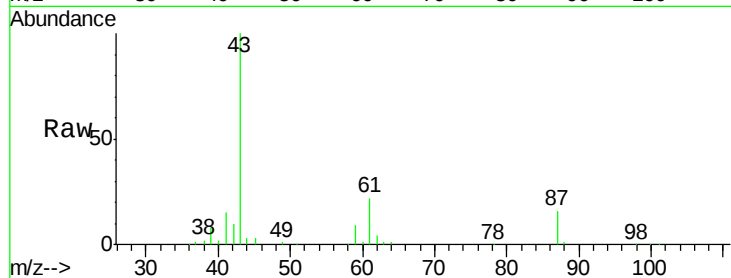
#43
Isopropyl Acetate
Concen: 51.734 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	24.0	36.0
87	16.1	12.5	18.7

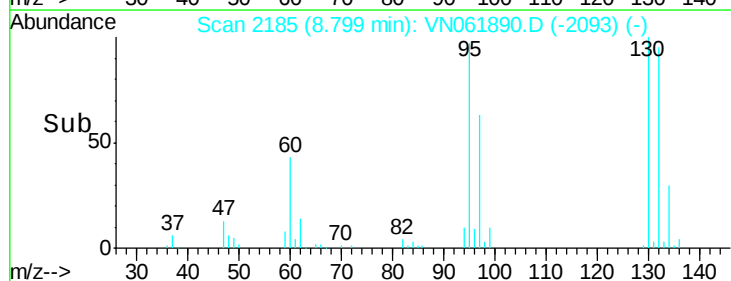
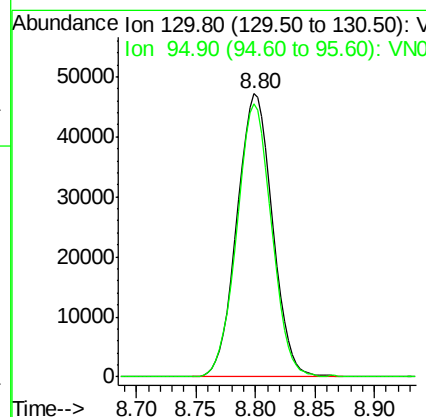
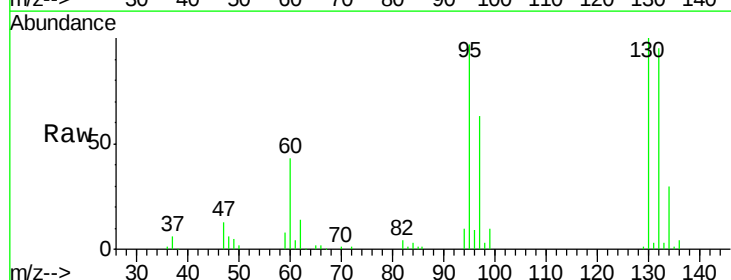
Manual Integrations
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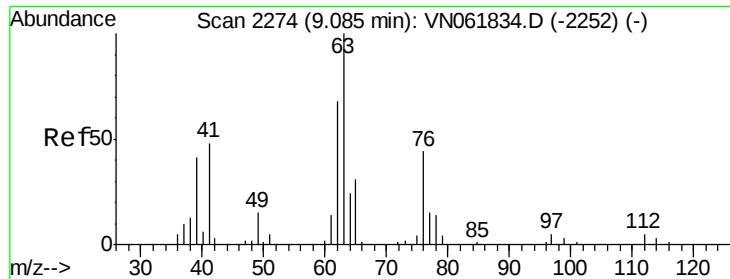
MMDadoda
6/19/2020 1:03:47 PM



#44
Trichloroethene
Concen: 53.502 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	195.6





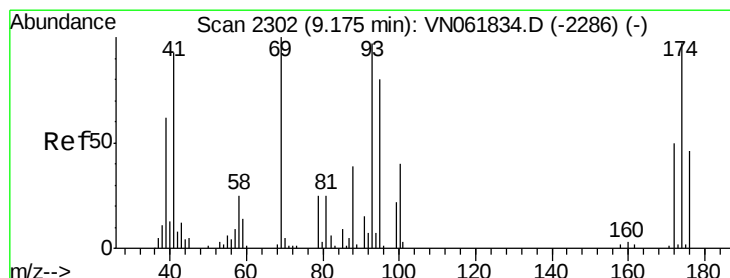
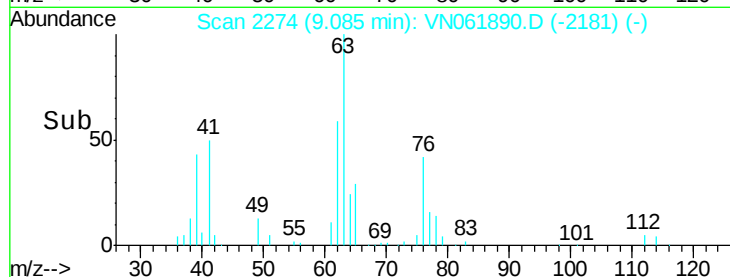
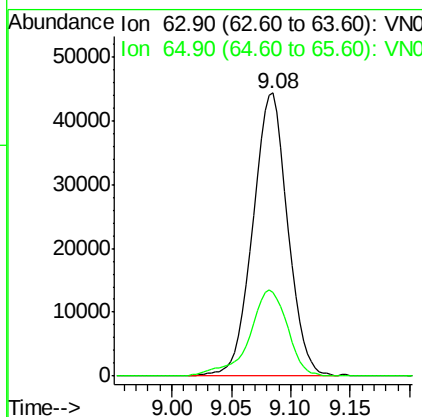
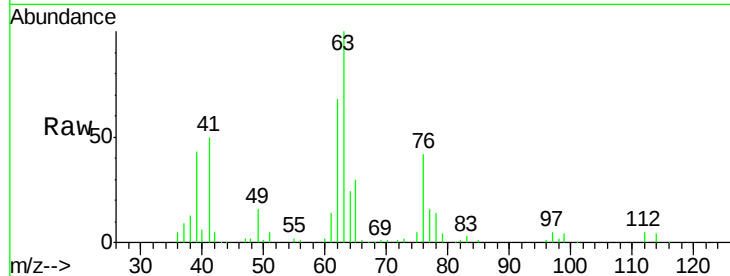
#45
 1,2-Dichloropropane
 Concen: 52.729 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 90039
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.1 37.7

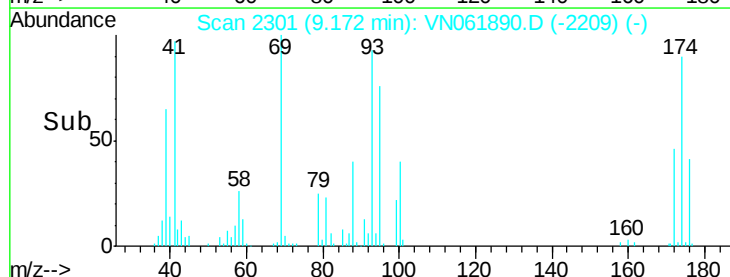
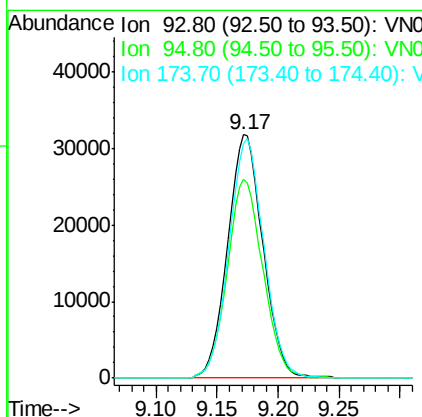
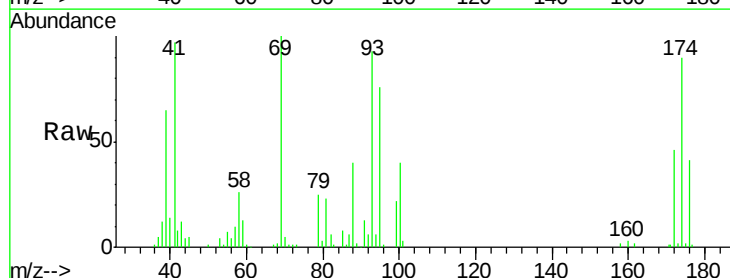
Manual Integrations
 APPROVED

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 6/19/2020 1:03:47 PM



#46
 Dibromomethane
 Concen: 53.438 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 93 Resp: 64257
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.6
 174 97.2 78.5 117.7





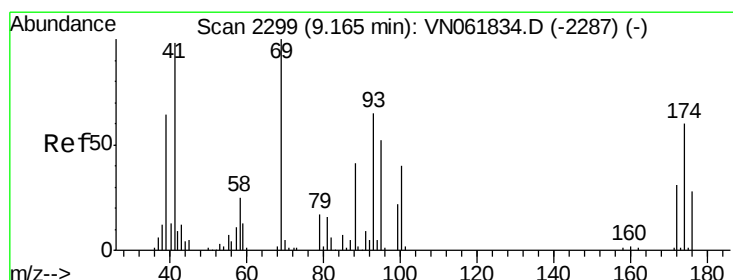
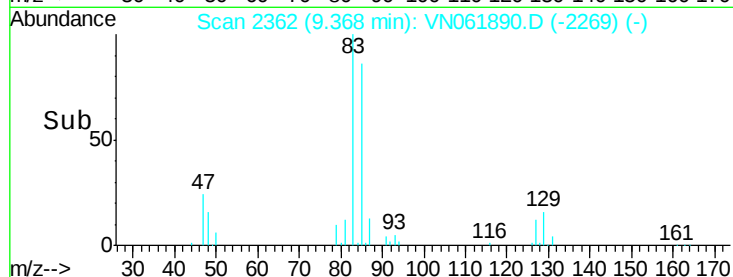
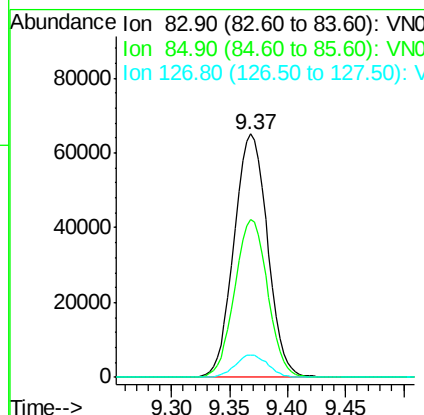
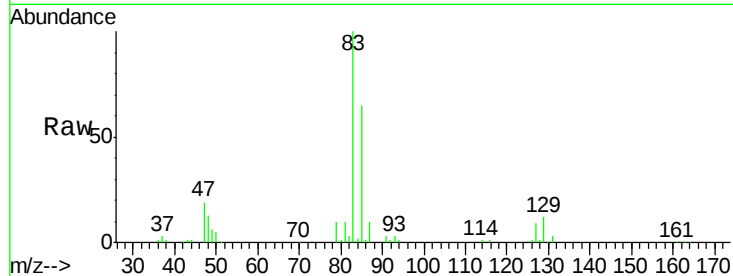
#47
Bromodichloromethane
Concen: 53.003 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	130505
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	50.8	76.2
127	9.2	7.0	10.4

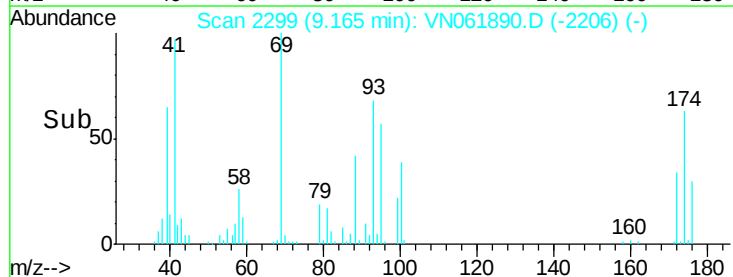
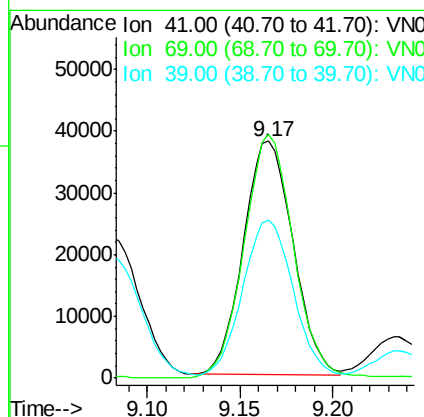
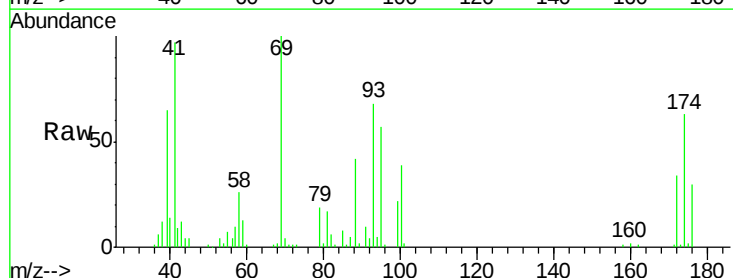
Manual Integrations
APPROVED

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#48
Methyl methacrylate
Concen: 51.581 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	41	Resp	70809
Ion Ratio	100	Lower	Upper
41	100		
69	103.7	83.0	124.4
39	68.8	55.1	82.7





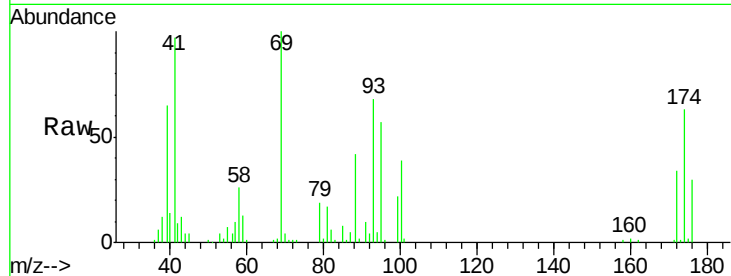
#49
1,4-Dioxane
Concen: 1058.783 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.4	35.2
58	61.1	49.8	74.6

Manual Integrations
APPROVED

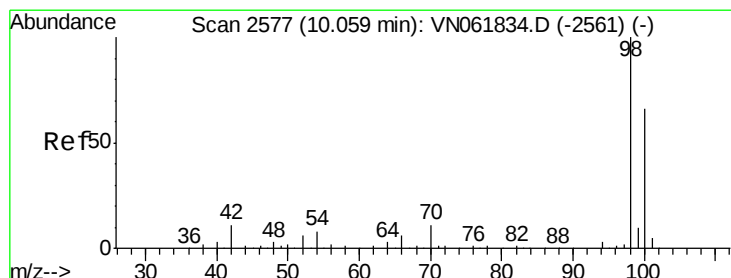
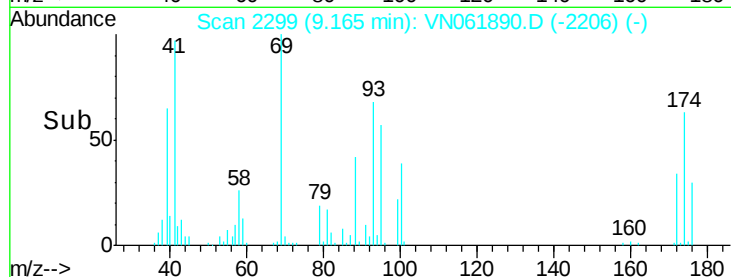
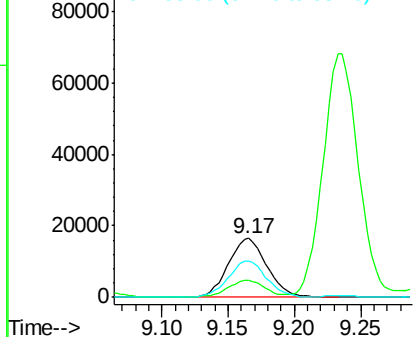
MMDadoda
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Abundance Ion 88.00 (87.70 to 88.70): VN061890.D (-2206) (-)

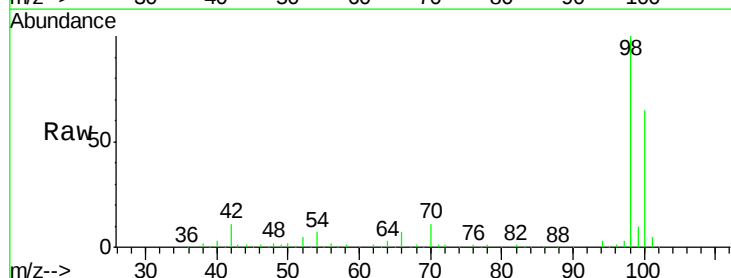
Ion 43.00 (42.70 to 43.70): VN061890.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061890.D (-2206) (-)



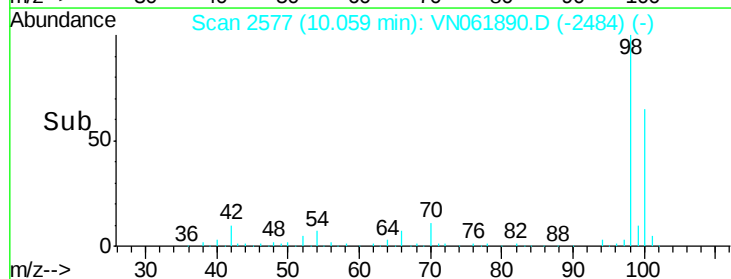
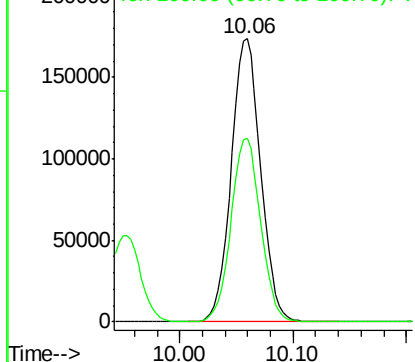
#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

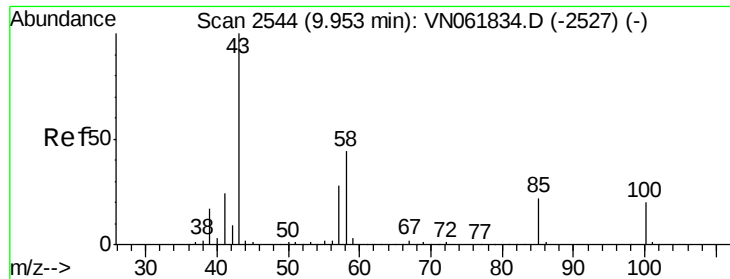
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061890.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061890.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 263.303 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 469688

Ion Ratio Lower Upper

43 100

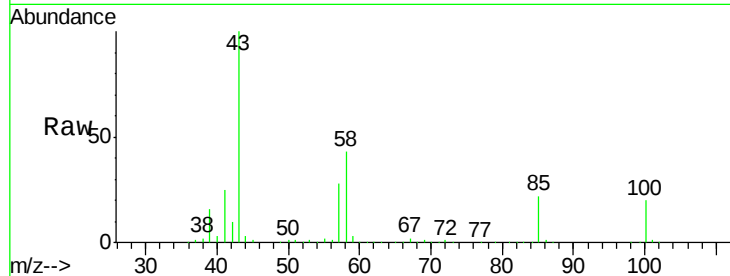
58 43.8 34.6 52.0

Manual Integrations

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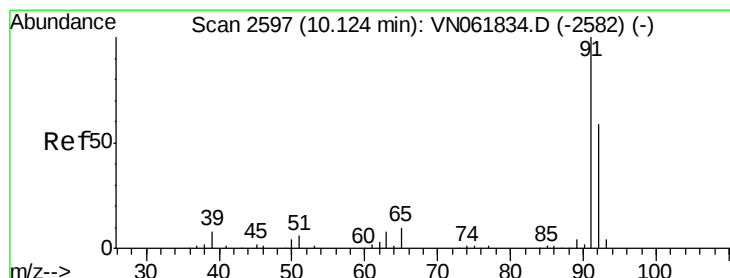
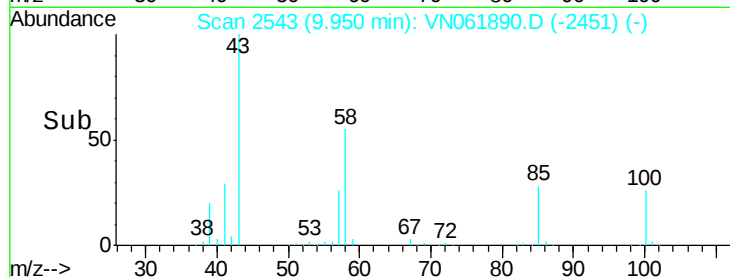
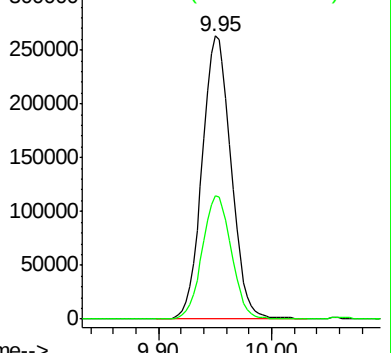
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 54.777 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061890.D

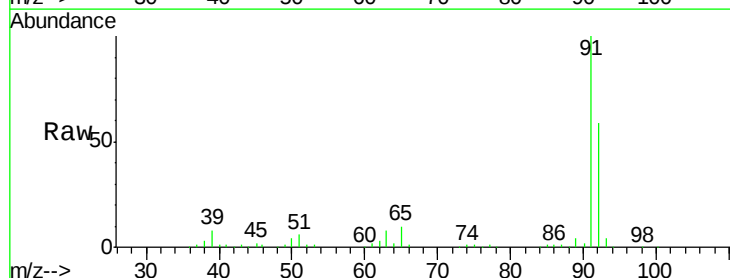
Acq: 18 Jun 2020 10:33

Tgt Ion: 92 Resp: 239039

Ion Ratio Lower Upper

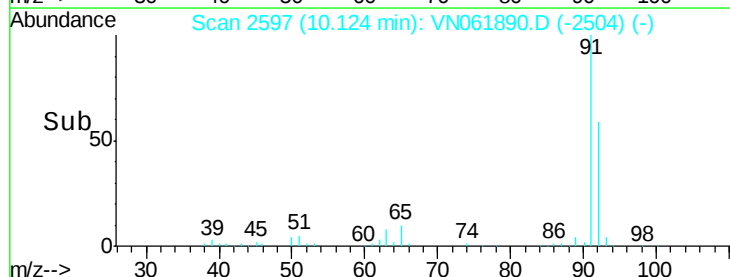
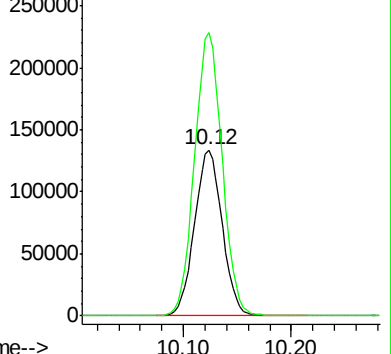
92 100

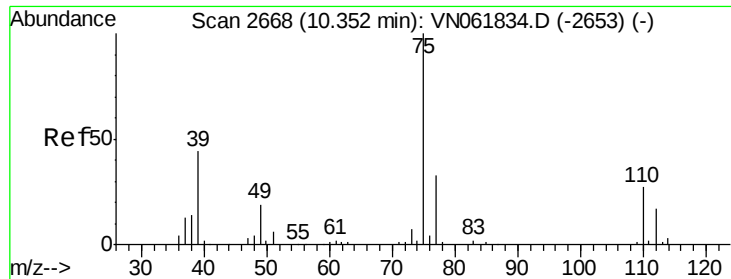
91 170.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





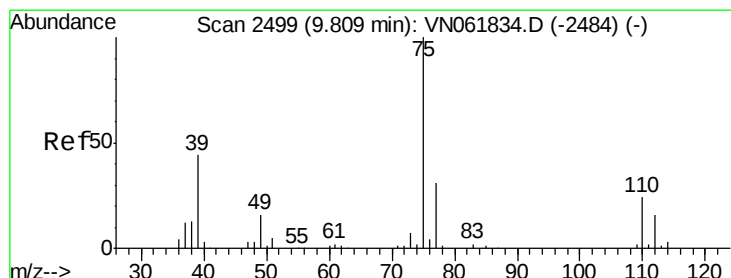
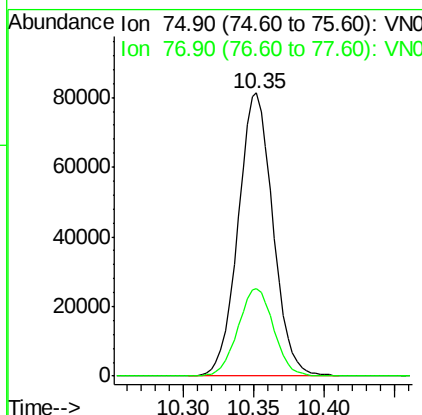
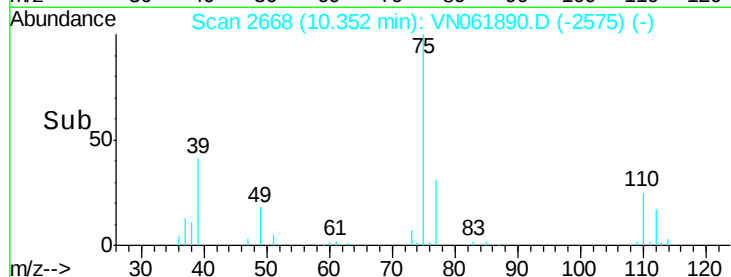
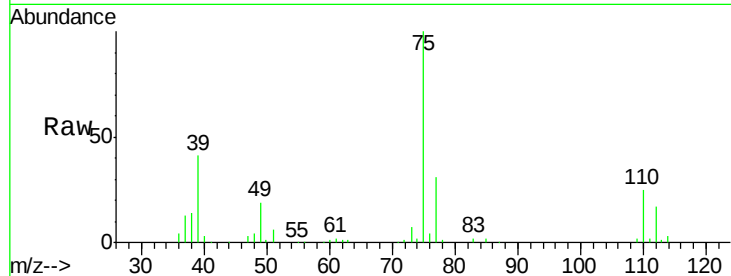
#53
t-1,3-Dichloropropene
Concen: 53.697 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.3	39.5

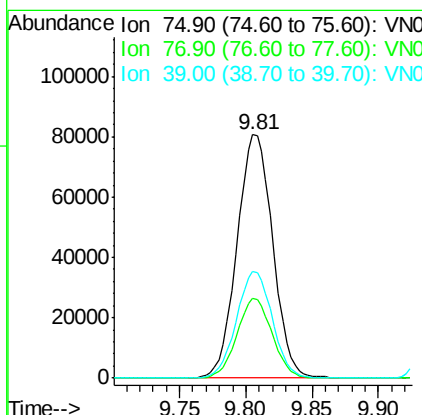
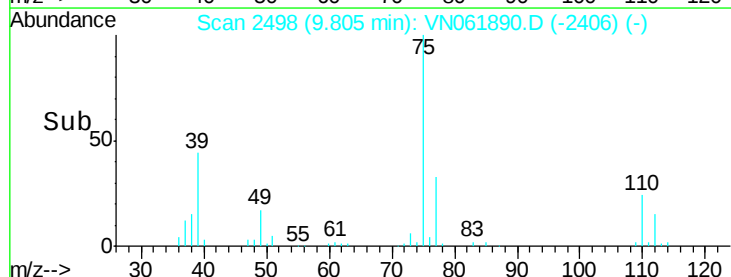
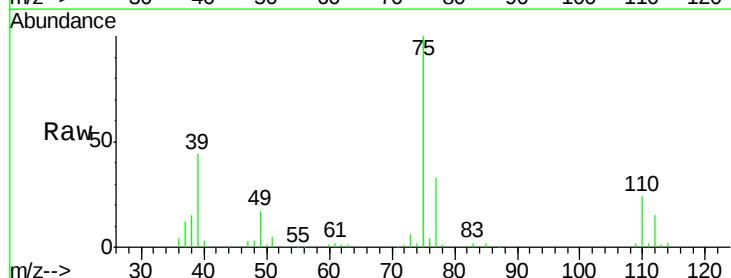
Manual Integrations
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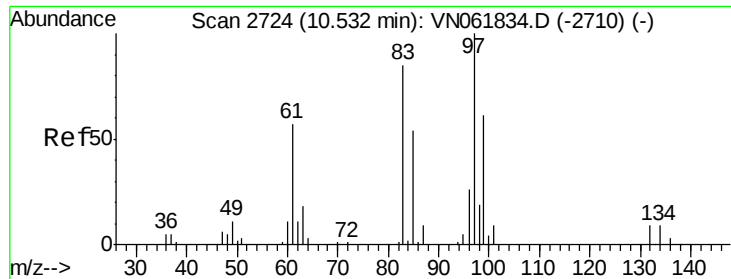
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#54
cis-1,3-Dichloropropene
Concen: 53.210 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	43.7	35.4	53.0





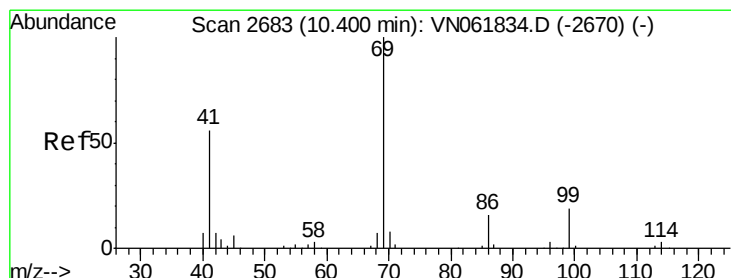
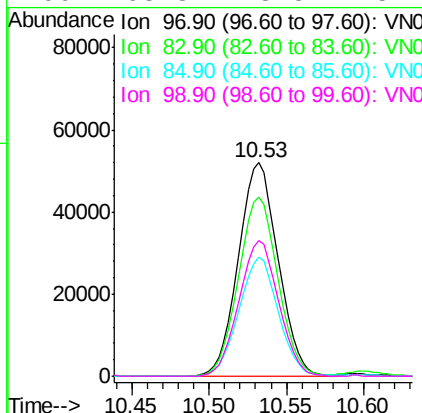
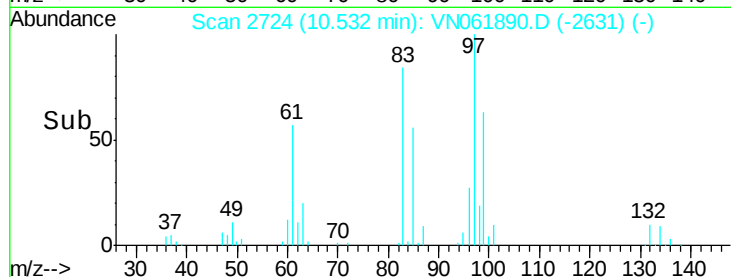
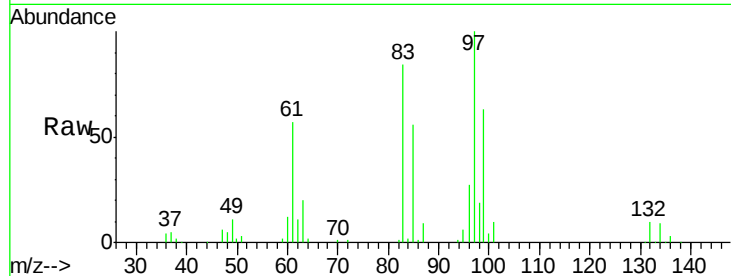
#55
1,1,2-Trichloroethane
Concen: 54.223 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93099		
83	83.7	67.7	101.5		
85	55.6	43.4	65.0		
99	63.3	48.8	73.2		

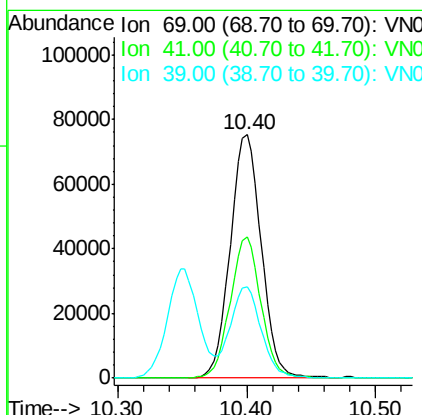
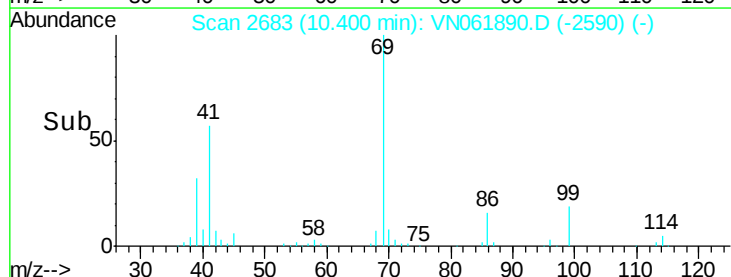
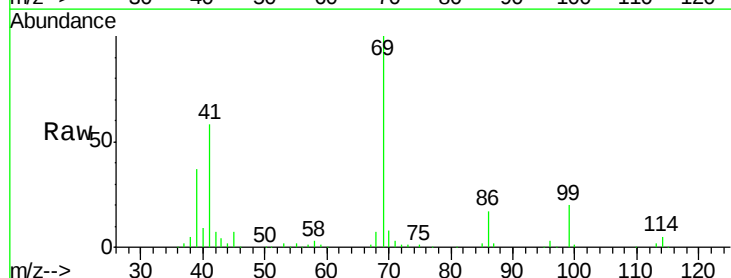
Manual Integrations
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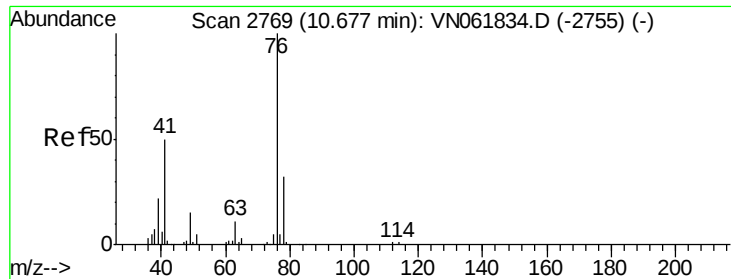
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#56
Ethyl methacrylate
Concen: 48.118 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		125889		
41	57.5	44.9	67.3		
39	37.5	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 53.562 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 155799

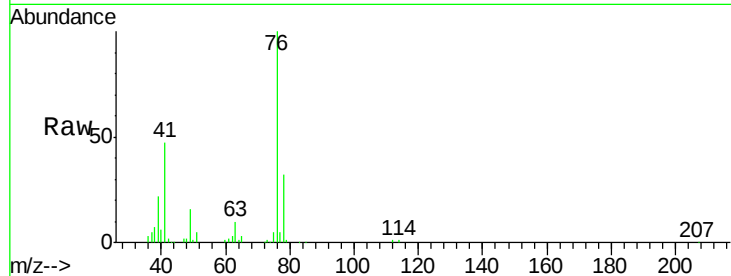
Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8

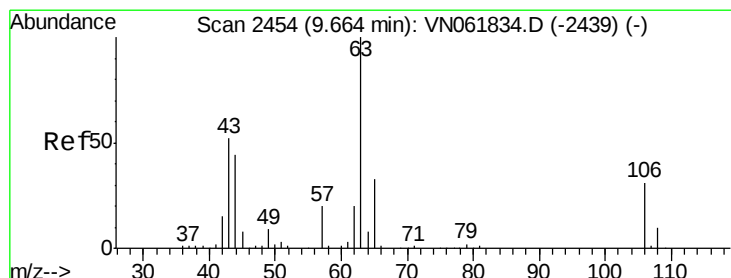
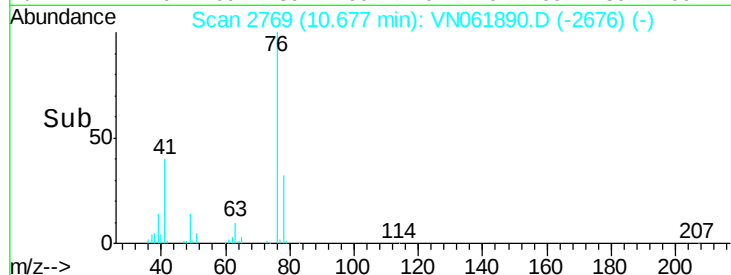
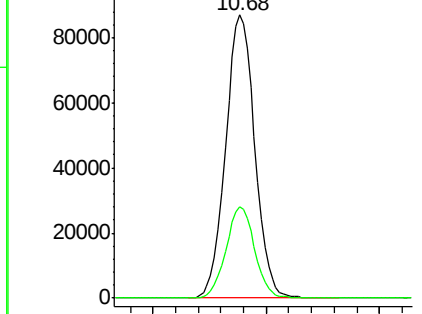
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 262.657 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061890.D

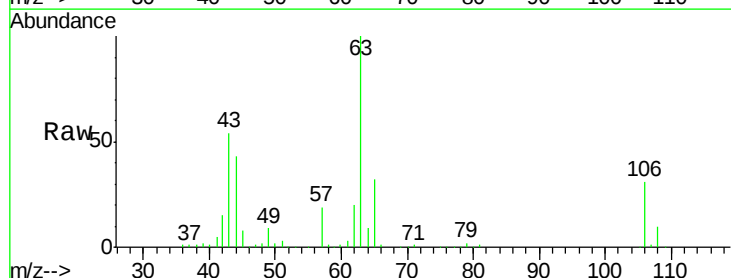
Acq: 18 Jun 2020 10:33

Tgt Ion: 63 Resp: 238006

Ion Ratio Lower Upper

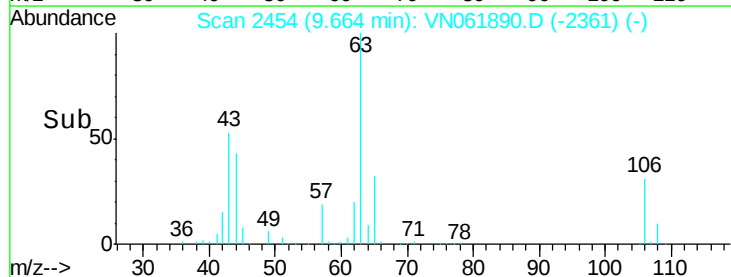
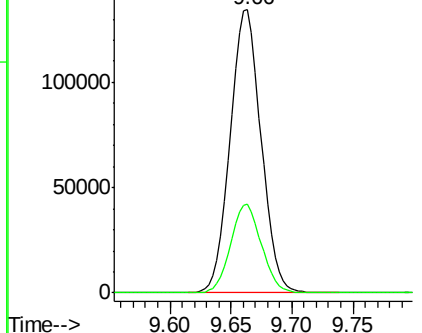
63 100

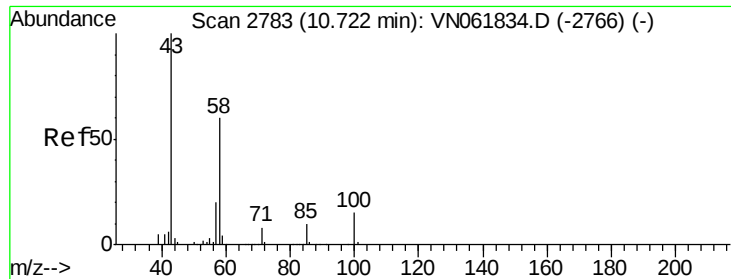
106 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN061834.D (-2439) (-)





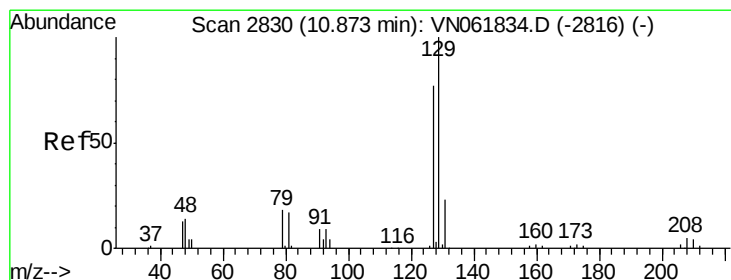
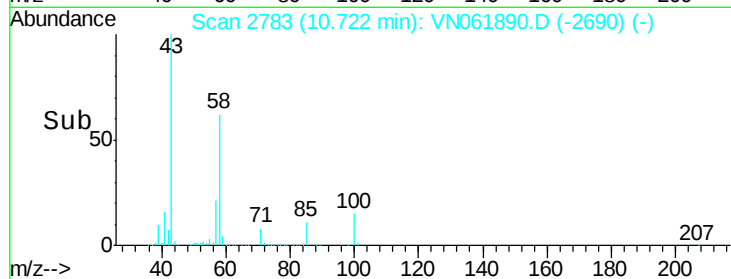
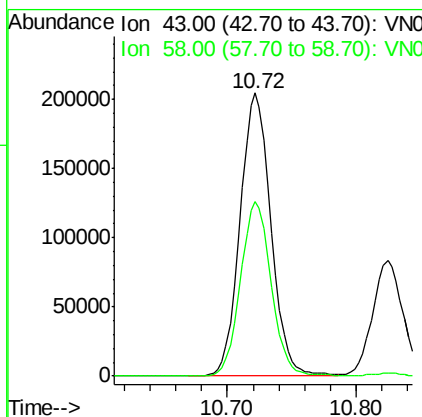
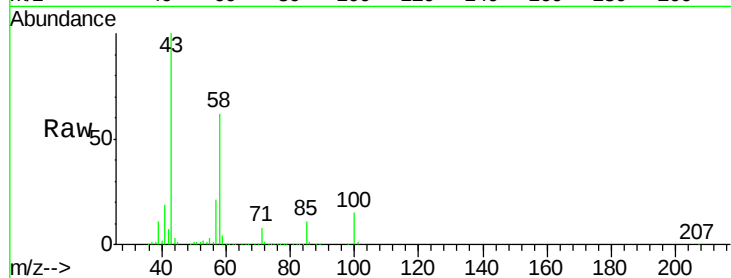
#59
2-Hexanone
Concen: 239.720 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 340801
Ion Ratio Lower Upper
43 100
58 61.3 30.1 90.5

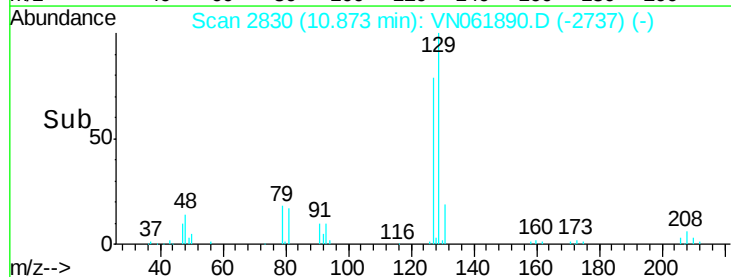
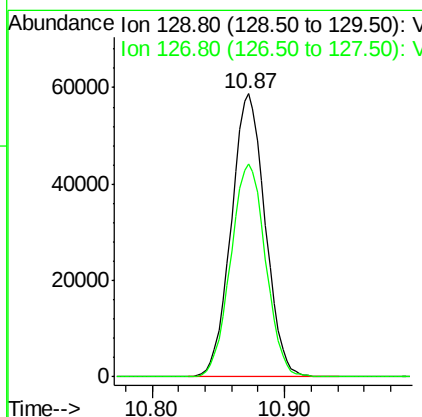
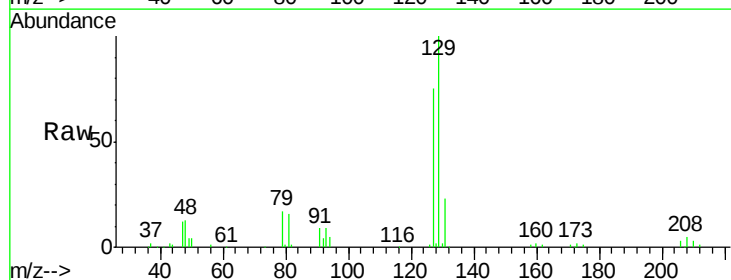
Manual Integrations
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#60
Dibromochloromethane
Concen: 54.427 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:129 Resp: 104274
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





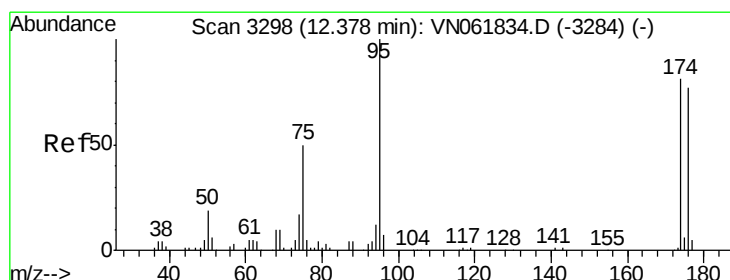
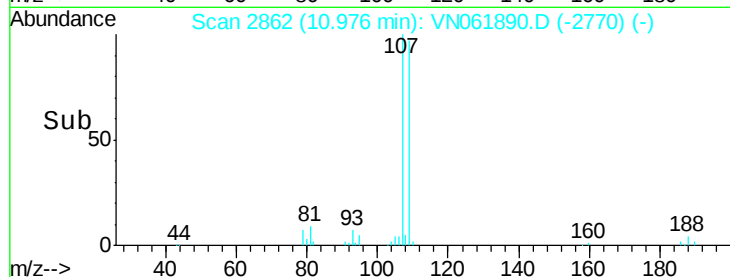
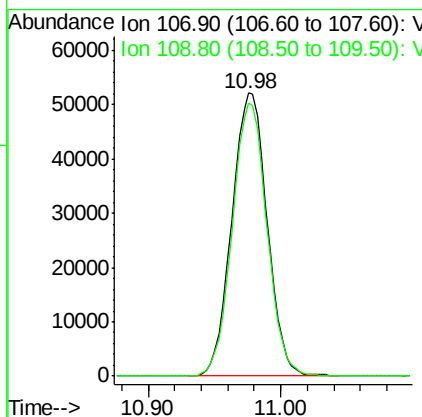
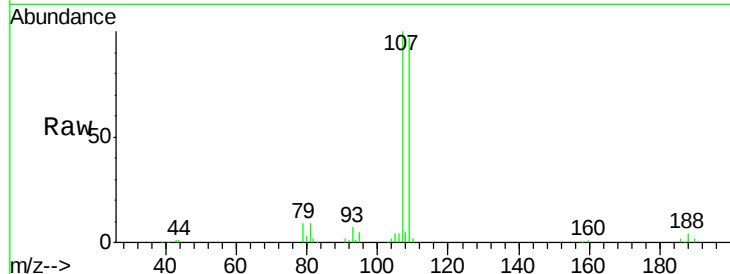
#61
 1,2-Dibromoethane
 Concen: 53.652 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 96190
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6

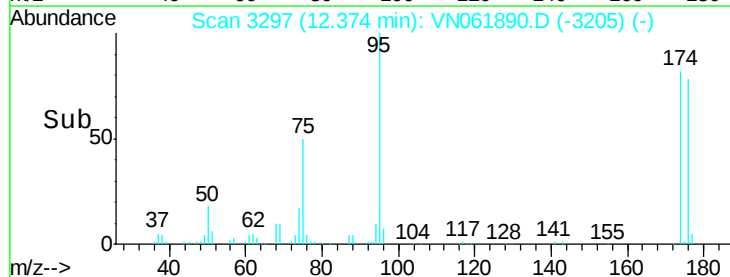
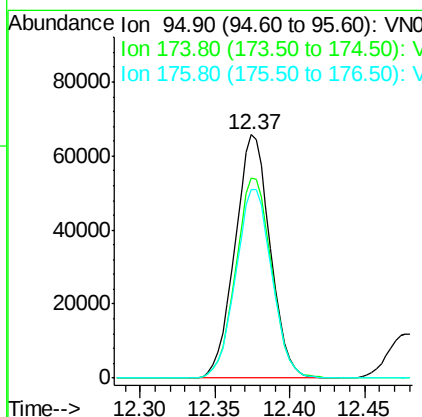
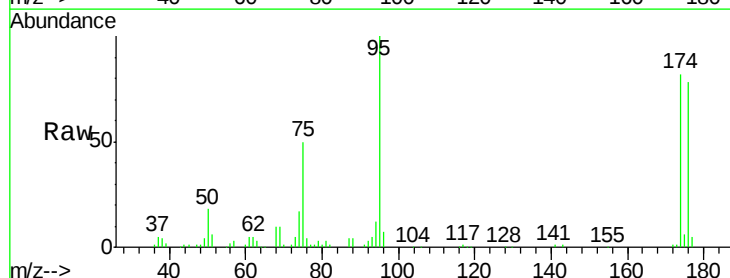
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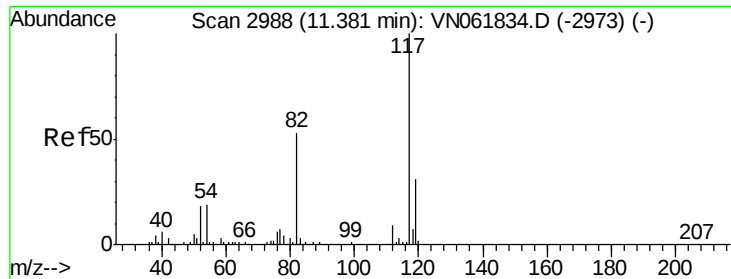
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.559 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion: 95 Resp: 107524
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 158.6
 176 79.7 0.0 152.0





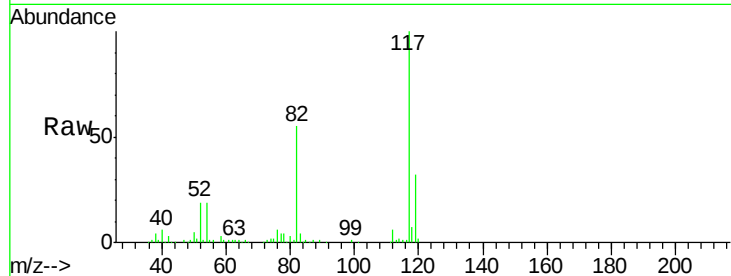
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	239093		
82	55.5	42.6	64.0	
119	32.3	24.7	37.1	

Manual Integrations
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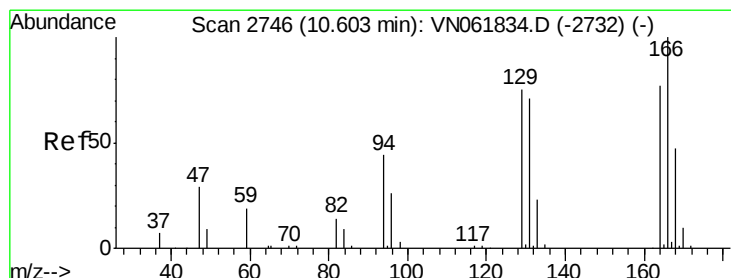
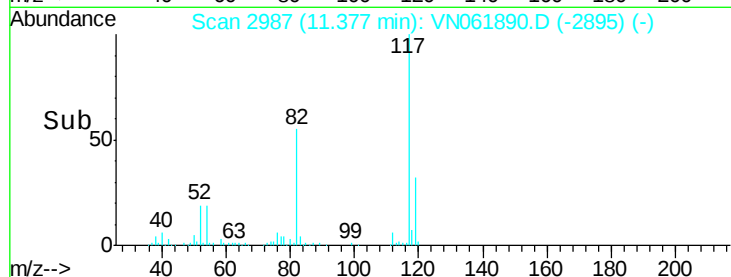
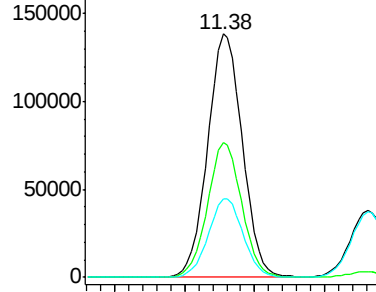


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 53.271 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81179		
166	128.0	103.5	155.3	
129	95.3	77.5	116.3	
131	93.4	73.8	110.8	

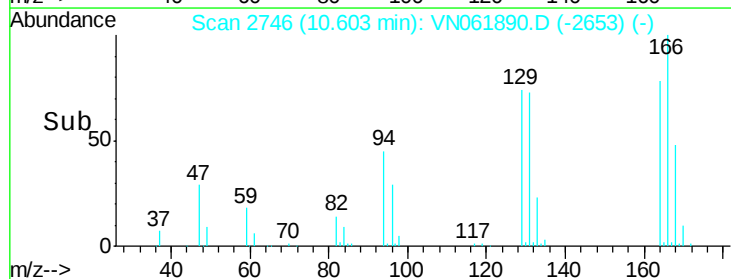
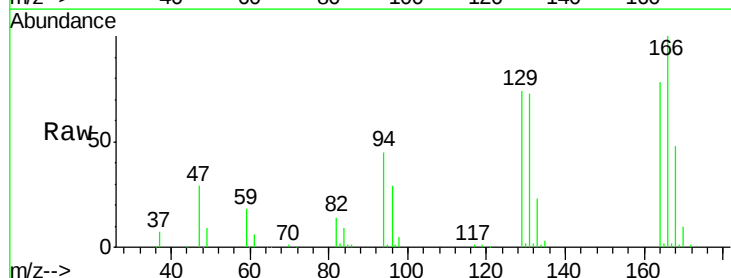
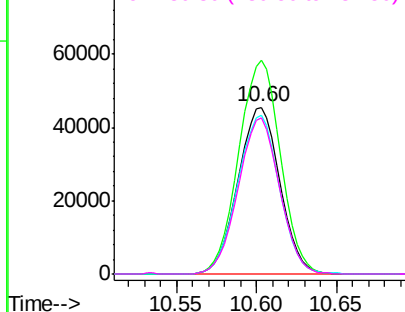
Abundance

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





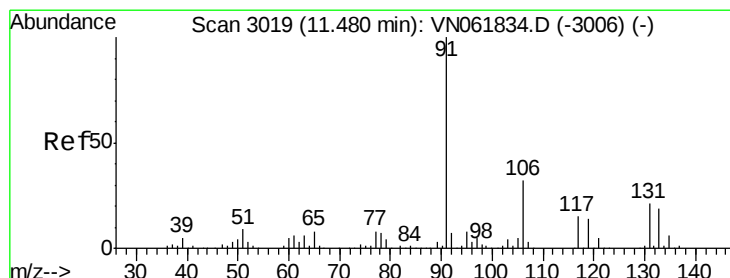
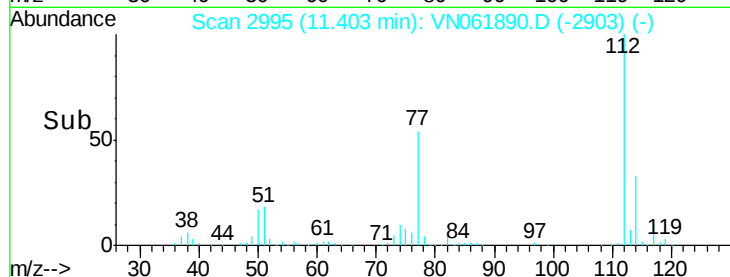
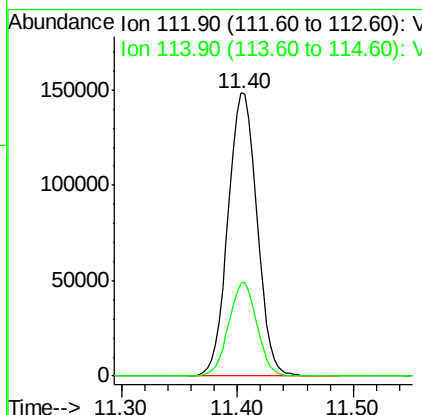
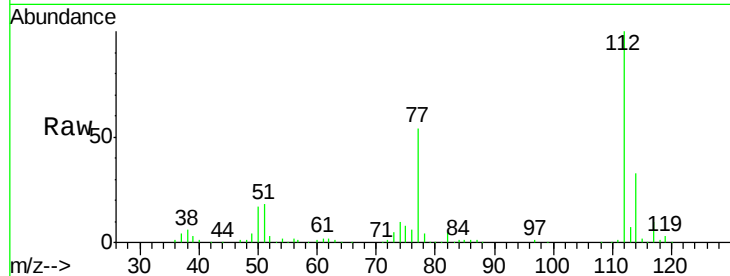
#65
Chlorobenzene
Concen: 50.990 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 257250
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

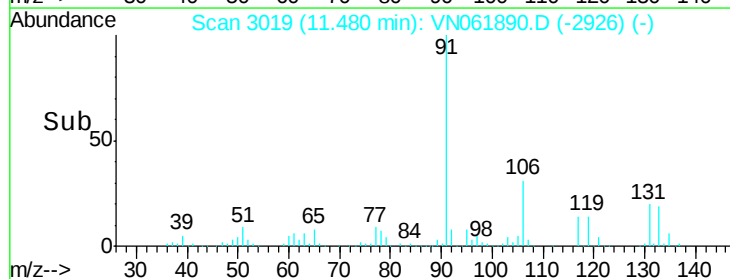
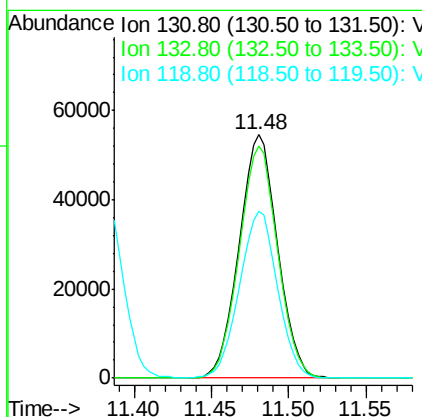
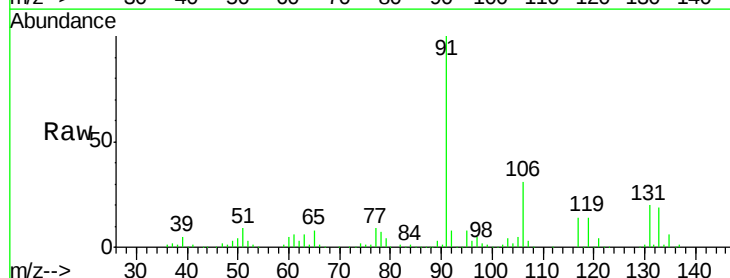
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.557 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion:131 Resp: 94235
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 68.0 34.0 101.8





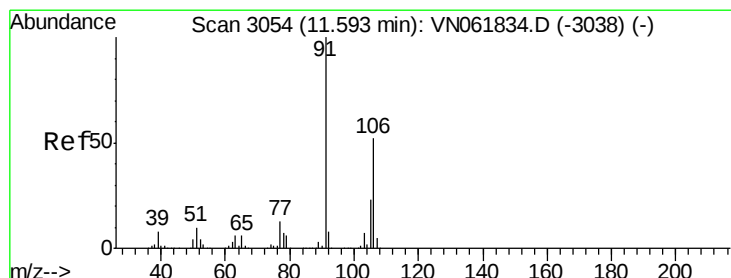
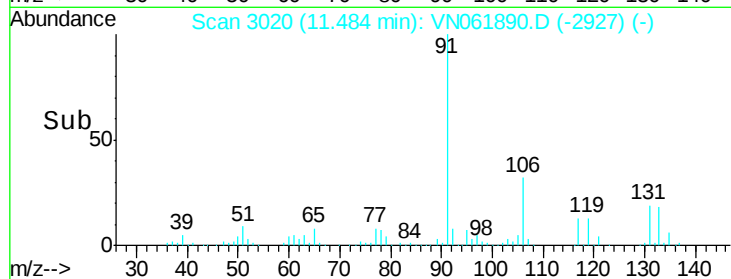
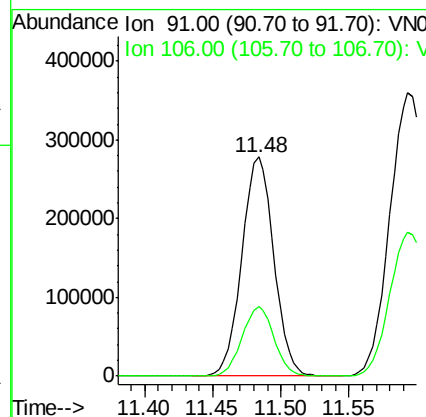
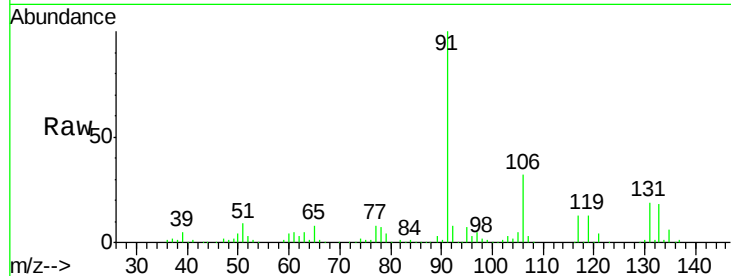
#67
Ethyl Benzene
Concen: 53.647 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 453783
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

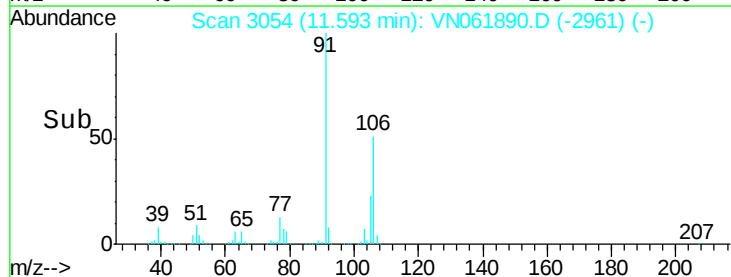
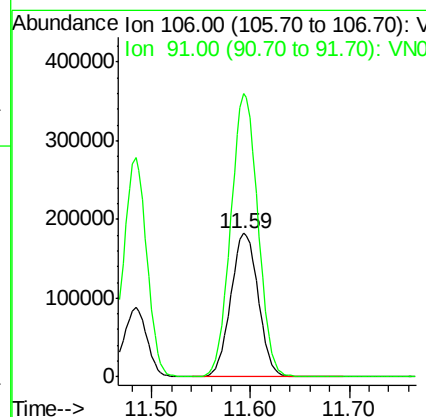
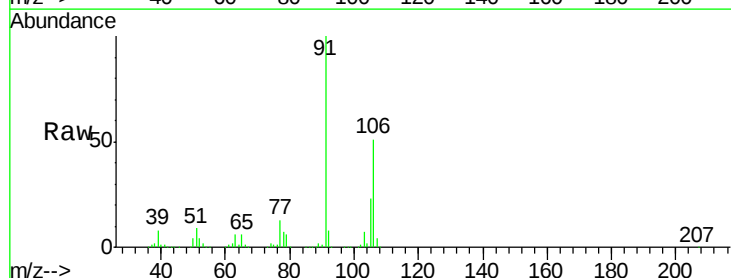
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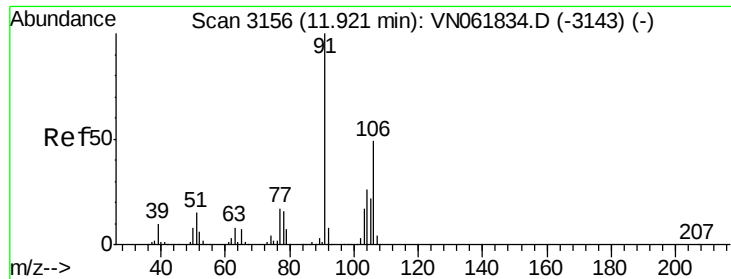
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#68
m/p-Xylenes
Concen: 108.820 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion: 106 Resp: 354939
Ion Ratio Lower Upper
106 100
91 194.8 157.0 235.6





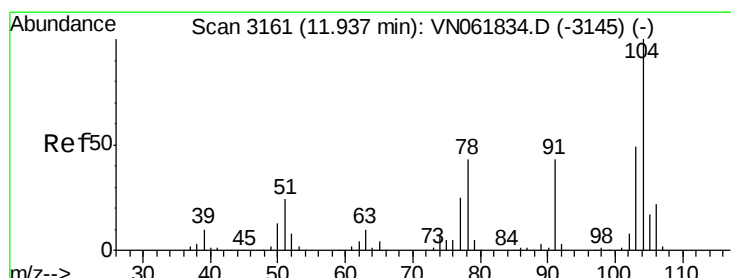
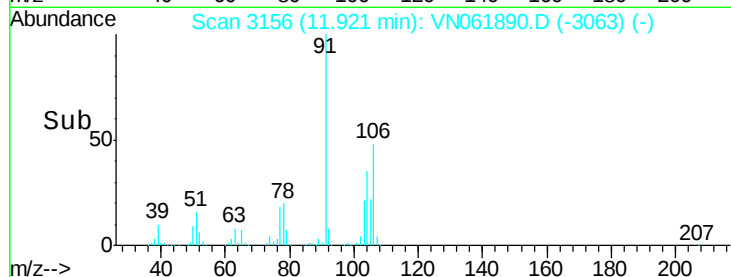
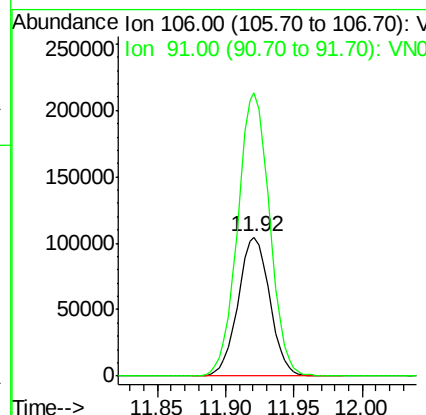
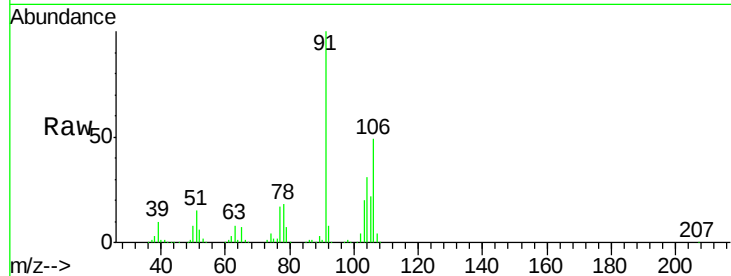
#69
o-Xylene
Concen: 54.369 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		169205		
91	205.1	103.0	308.9		

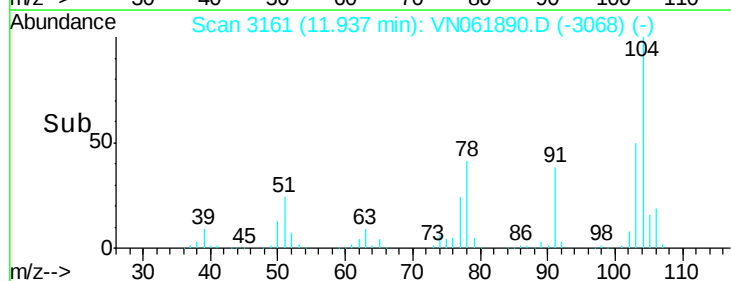
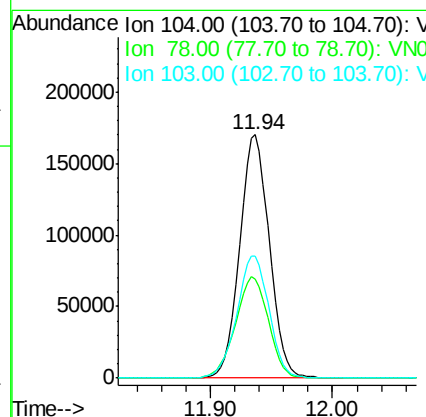
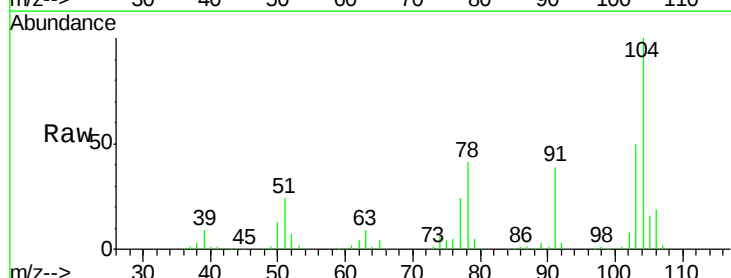
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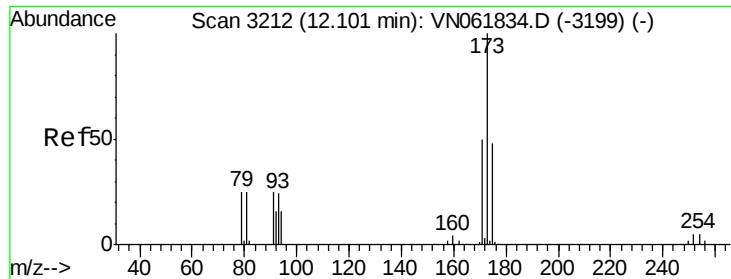
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#70
Styrene
Concen: 54.966 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		286425		
78	46.5	37.6	56.4		
103	54.5	43.0	64.4		





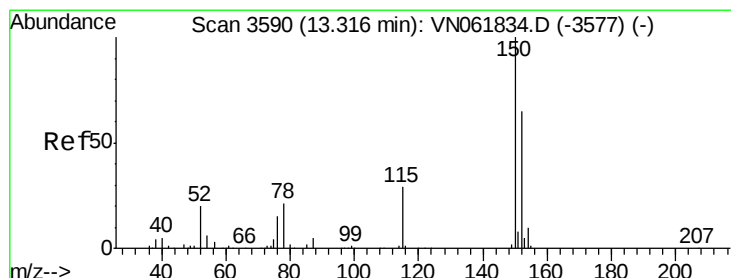
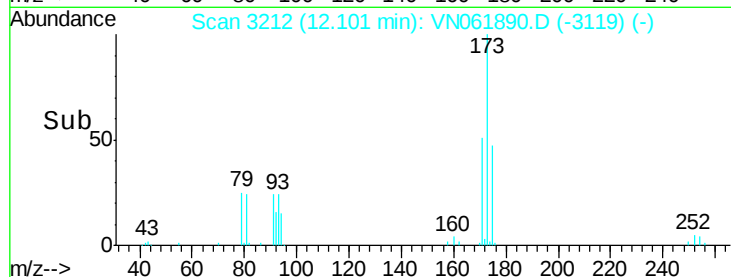
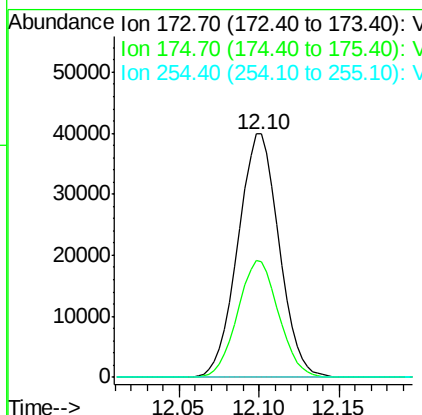
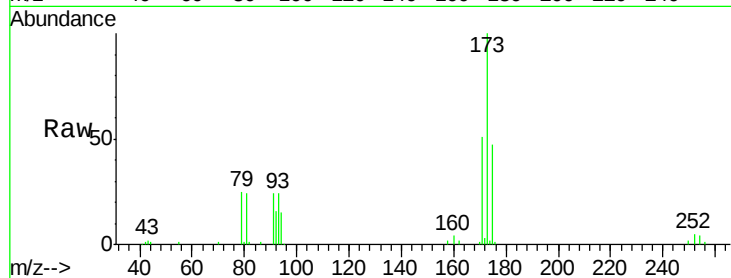
#71
Bromoform
Concen: 54.550 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.7
254	0.0	0.0	0.0

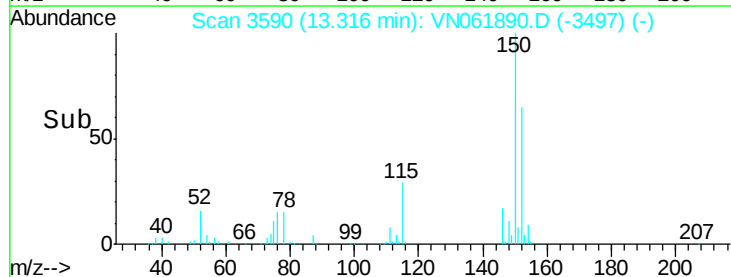
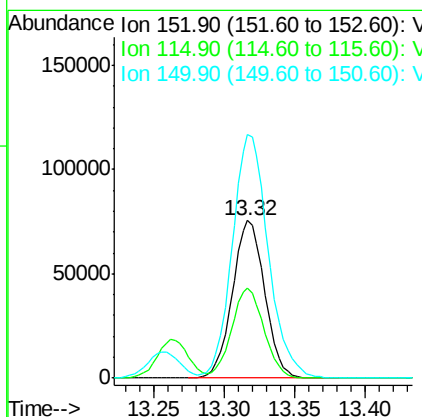
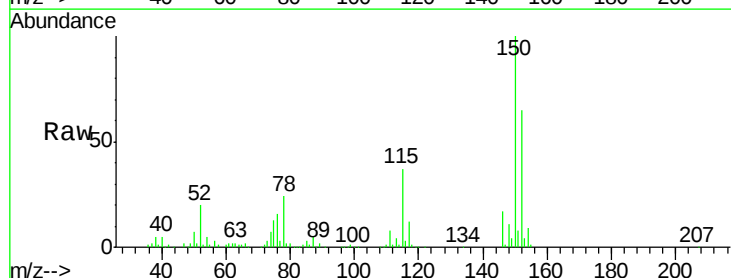
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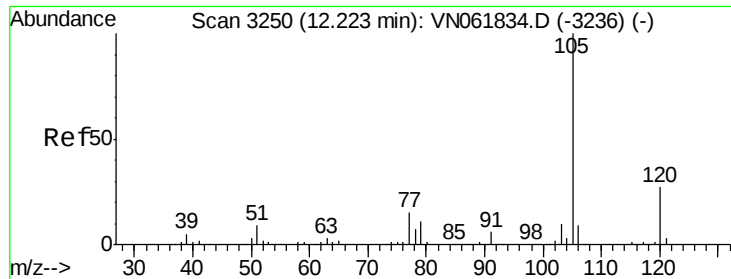
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	171.8	0.0	347.6





#73

Isopropylbenzene

Concen: 51.565 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 445096

Ion Ratio Lower Upper

105 100

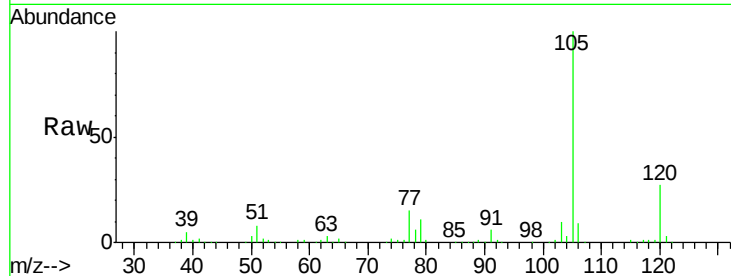
120 27.0 13.3 39.8

Manual Integrations

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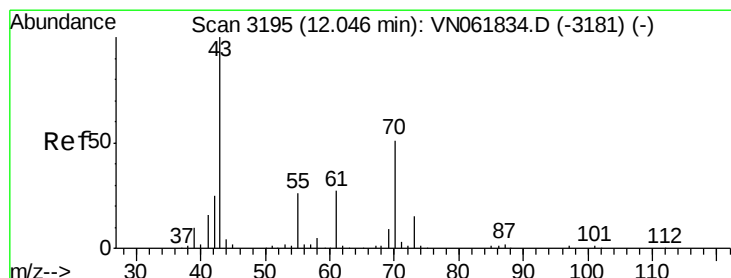
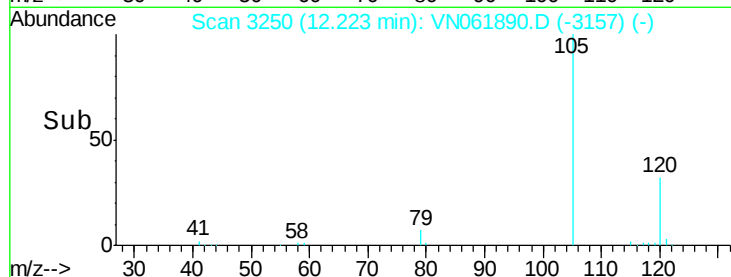
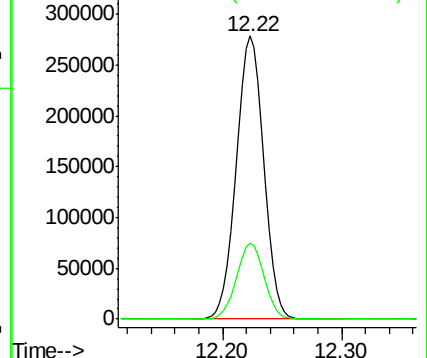
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.022 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion: 43 Resp: 139717

Ion Ratio Lower Upper

43 100

70 51.6 40.6 60.8

55 28.1 21.5 32.3

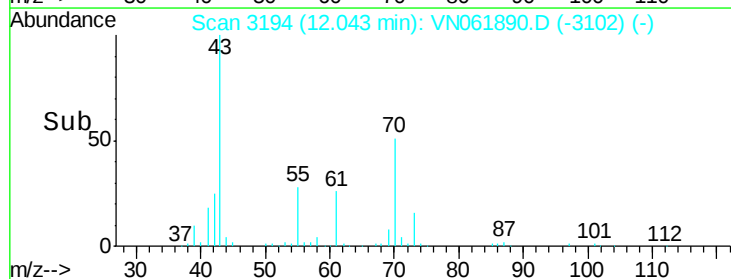
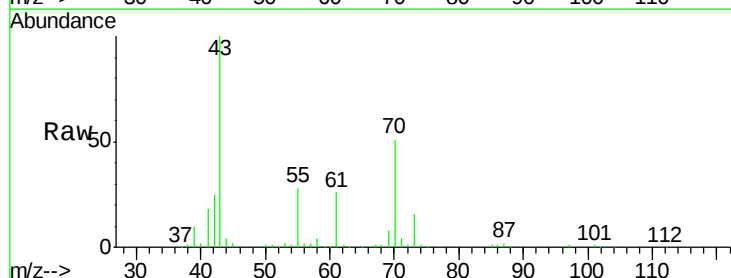
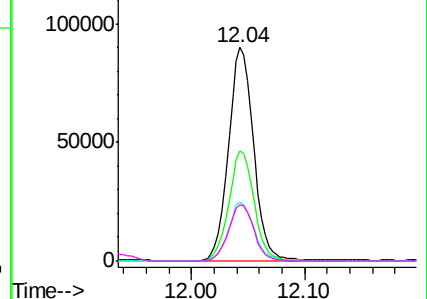
61 26.6 21.6 32.4

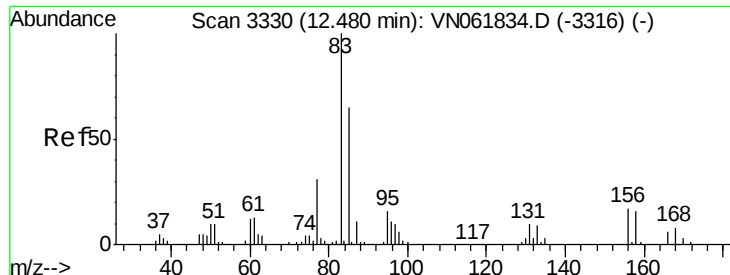
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.043 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

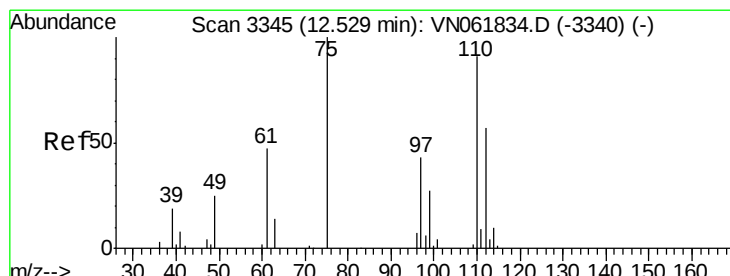
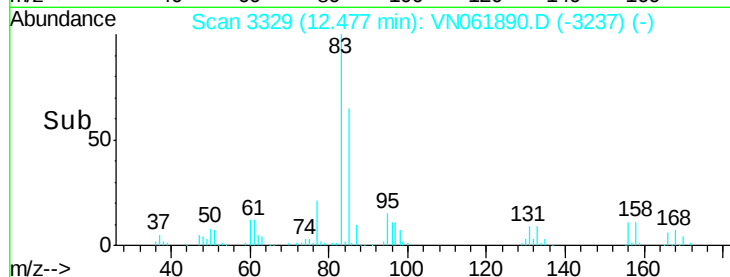
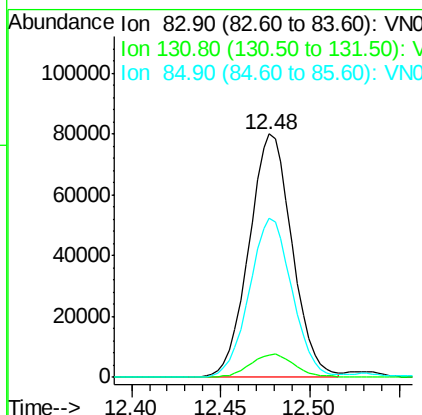
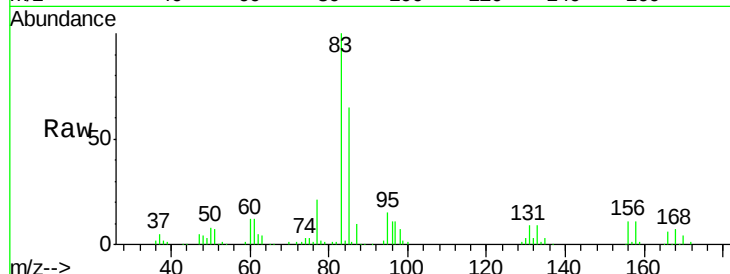
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	134824
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	65.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.405 ug/l m

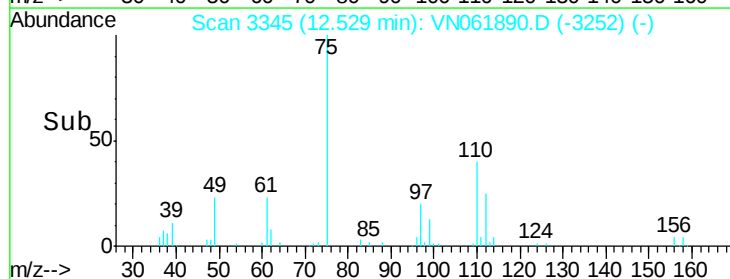
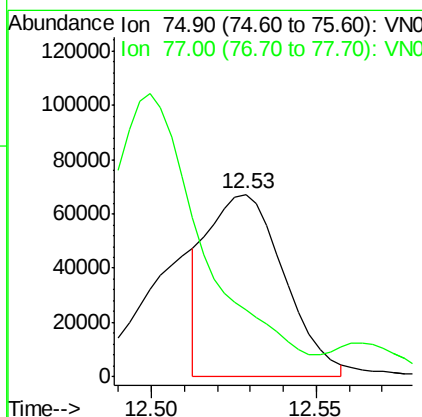
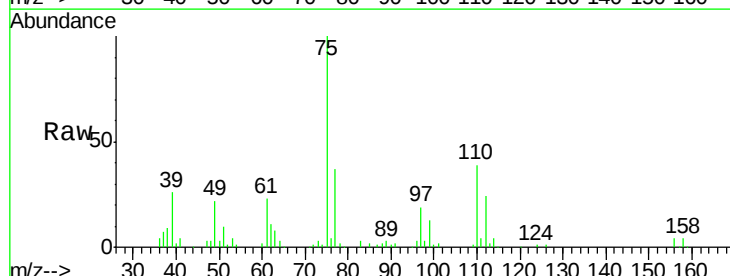
RT: 12.53 min Scan# 3345

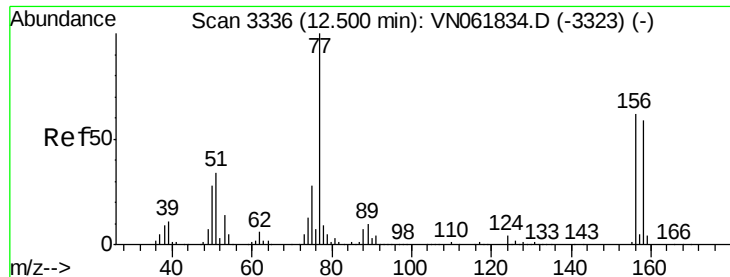
Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion:	75	Resp:	108279
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





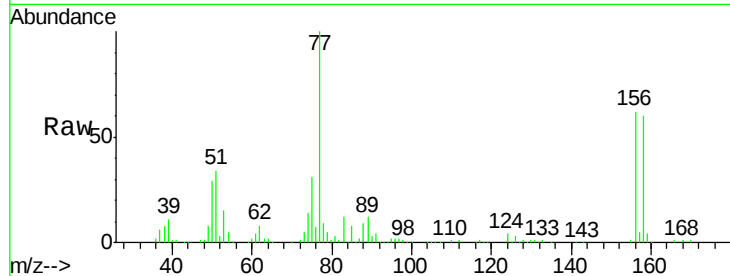
#77
Bromobenzene
Concen: 50.458 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

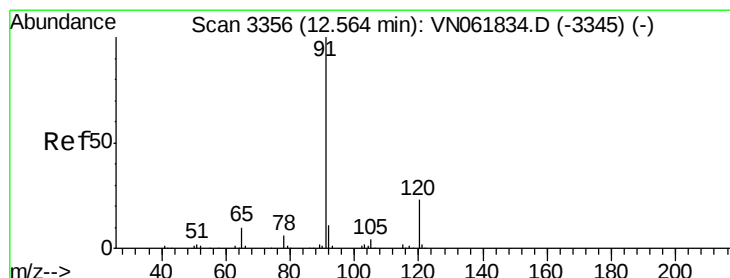
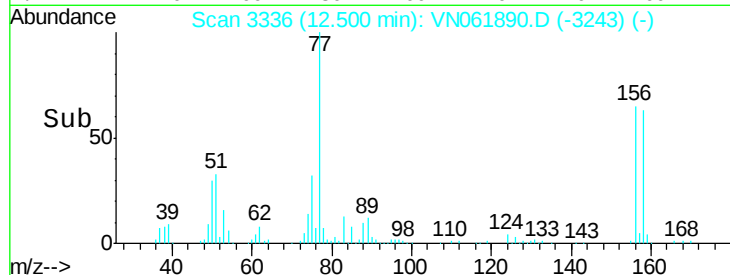
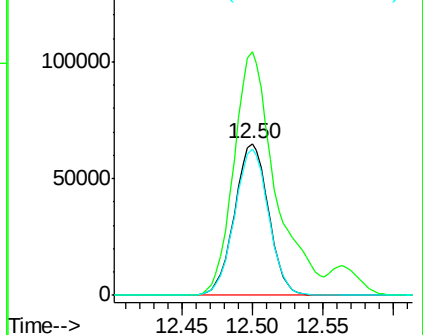
Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.7	100.7	302.1	
158	96.6	48.5	145.5	

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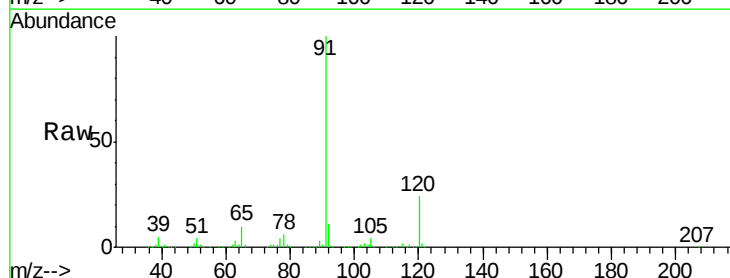


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

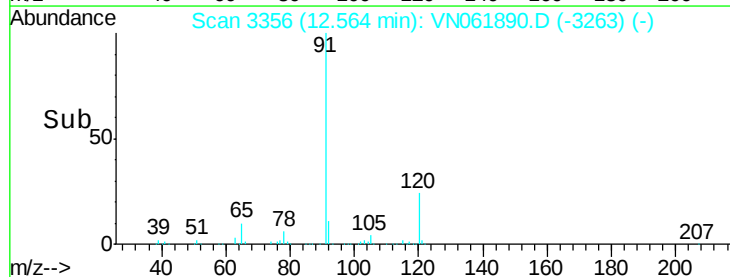
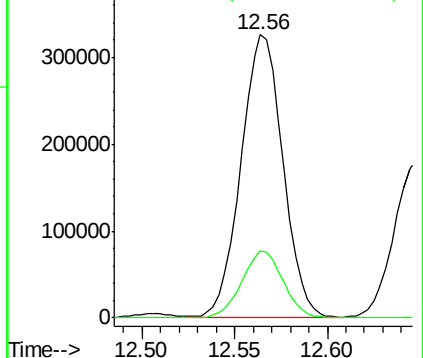


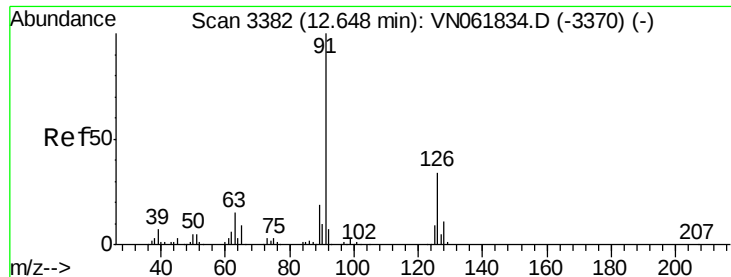
#78
n-propylbenzene
Concen: 51.691 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	11.6	34.8	



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.952 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 295484

Ion Ratio Lower Upper

91 100

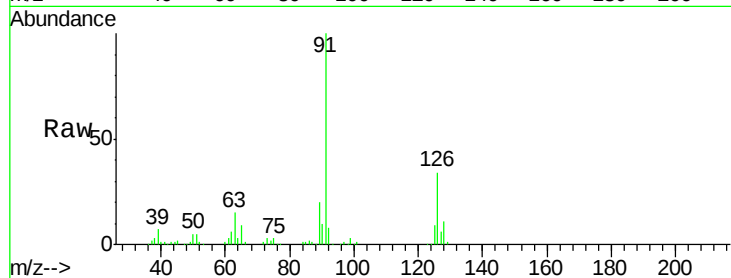
126 34.9 17.3 51.7

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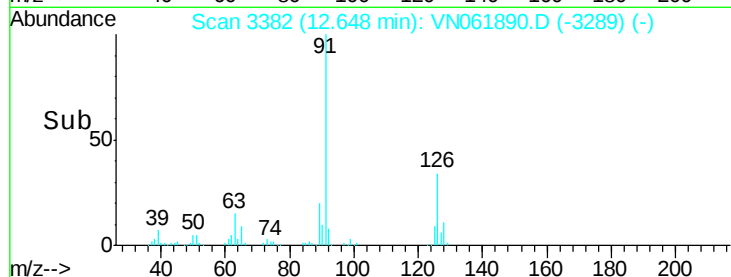
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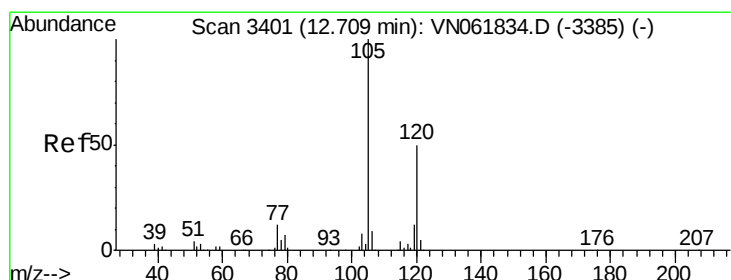
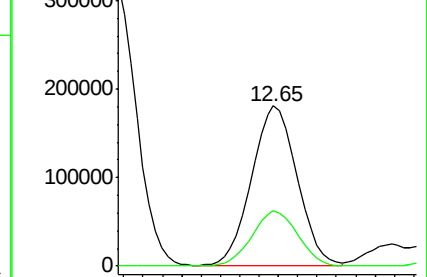
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Abundance Ion 91.00 (90.70 to 91.70): VN061890.D (-3289) (-)



Ion 125.90 (125.60 to 126.60): VN061890.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.899 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061890.D

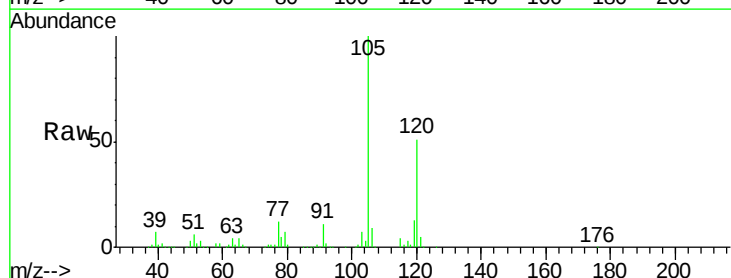
Acq: 18 Jun 2020 10:33

Tgt Ion:105 Resp: 370622

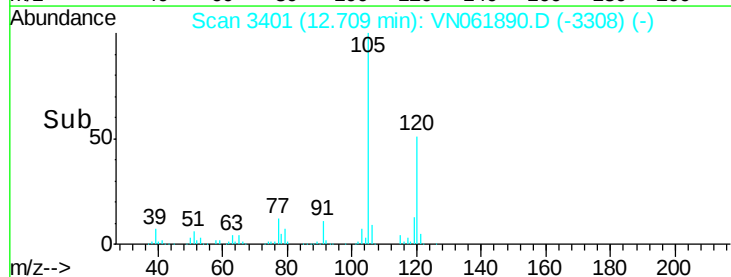
Ion Ratio Lower Upper

105 100

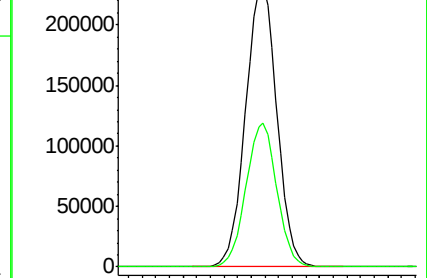
120 50.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061890.D (-3308) (-)



Ion 120.00 (119.70 to 120.70): VN061890.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.171 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

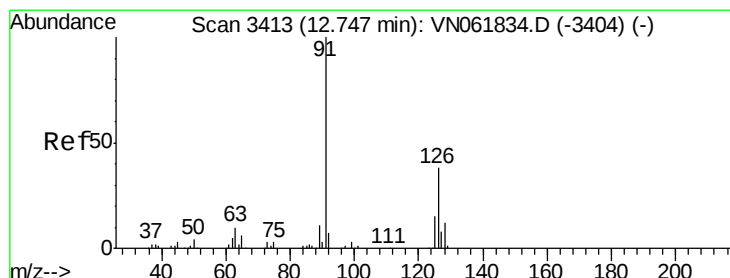
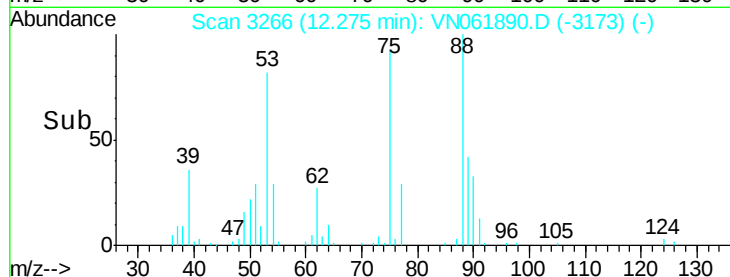
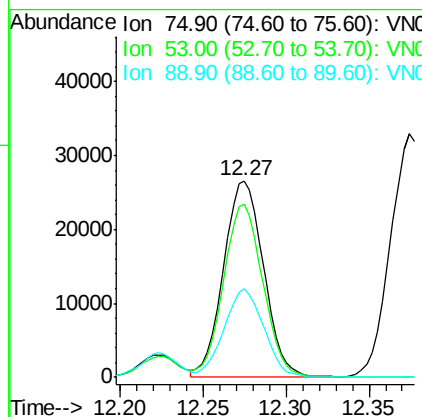
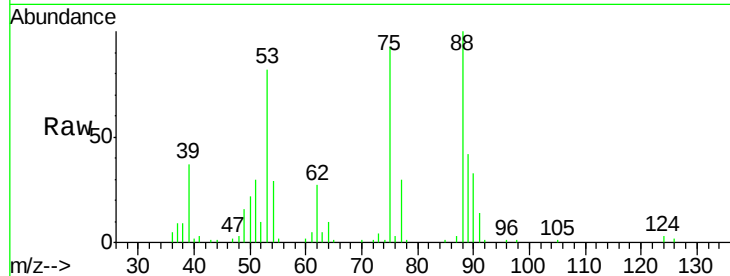
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	44741
Ion	Ratio	Lower	Upper
75	100		
53	86.7	70.4	105.6
89	44.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 50.967 ug/l

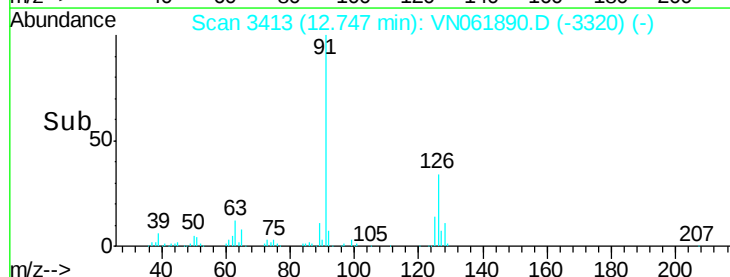
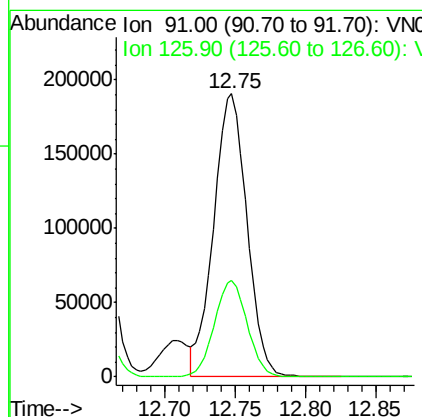
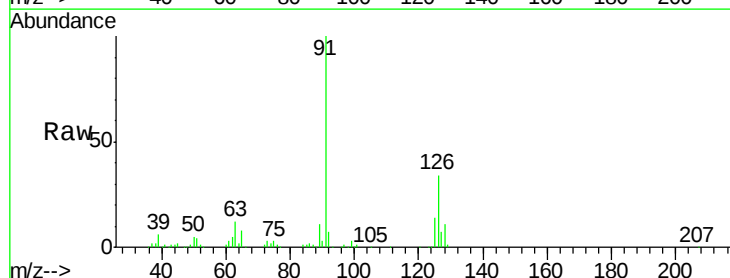
RT: 12.75 min Scan# 3413

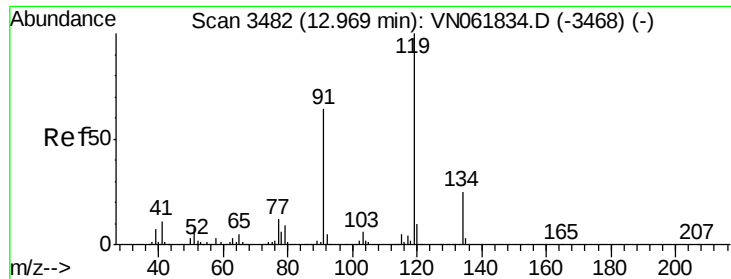
Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Tgt Ion:	91	Resp:	311527
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.2	51.6





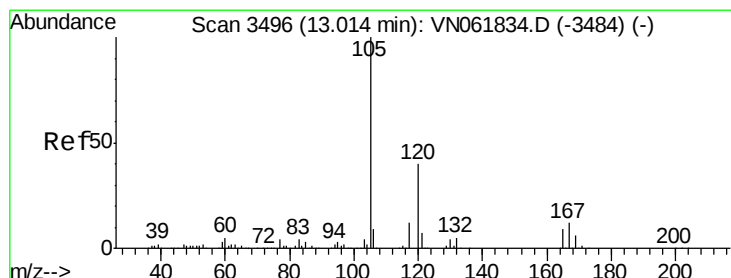
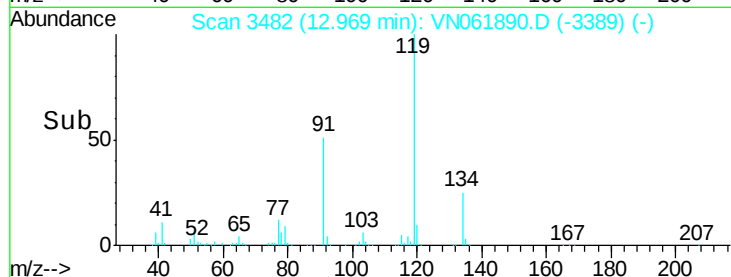
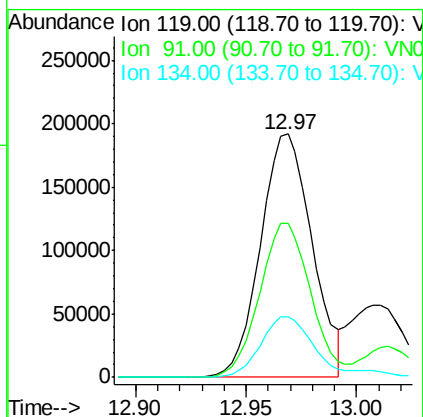
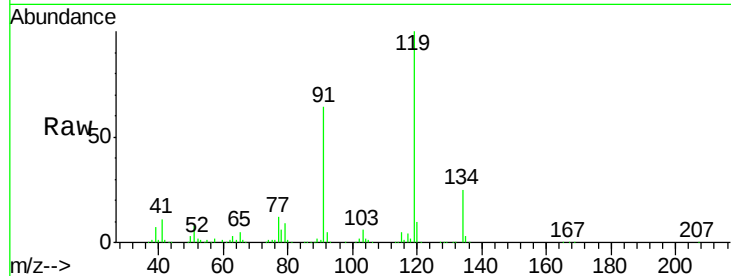
#83
tert-Butylbenzene
Concen: 51.439 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.5	94.5
134	25.3	13.3	39.9

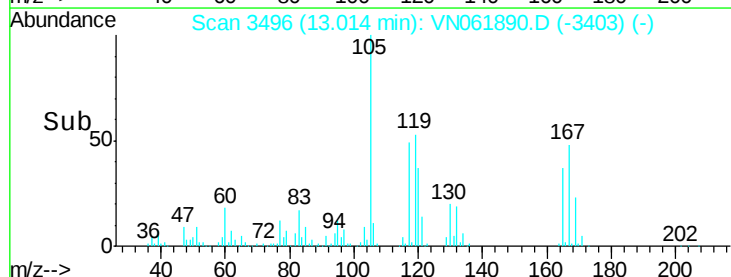
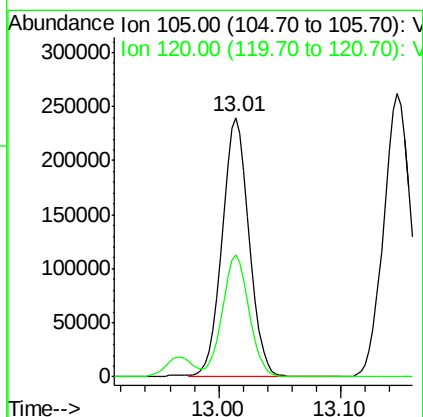
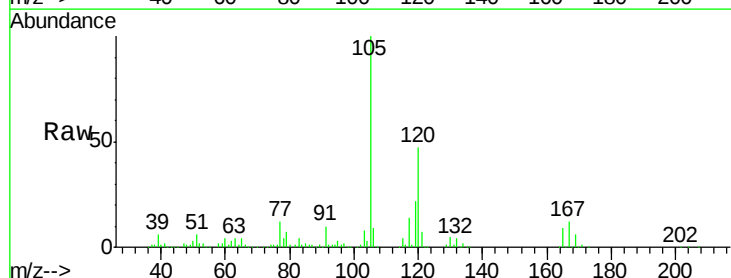
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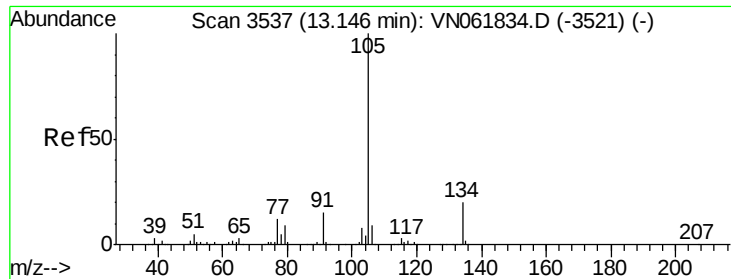
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#84
1,2,4-Trimethylbenzene
Concen: 52.588 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 51.878 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 411083

Ion Ratio Lower Upper

105 100

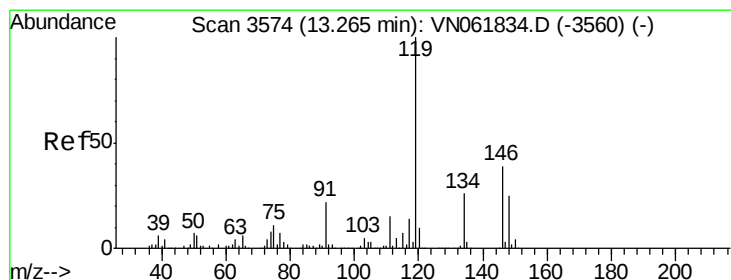
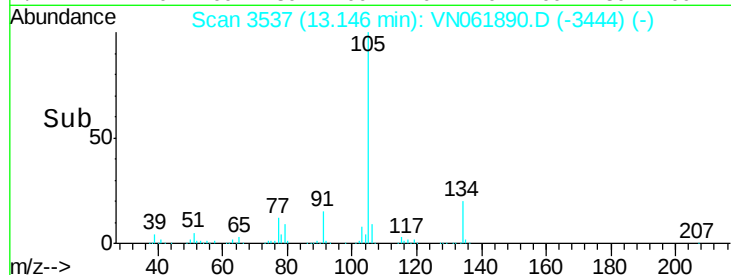
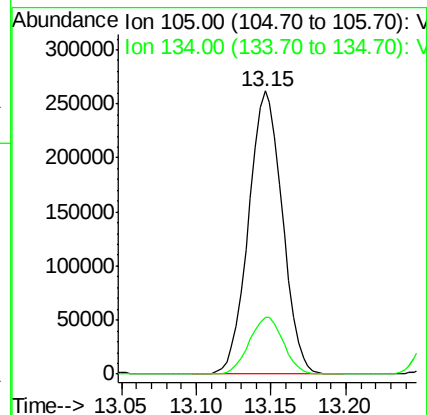
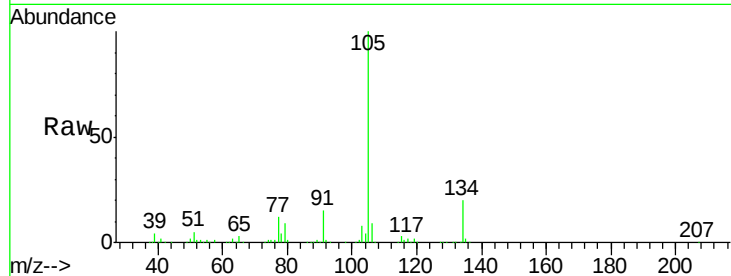
134 20.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 53.874 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061890.D

Acq: 18 Jun 2020 10:33

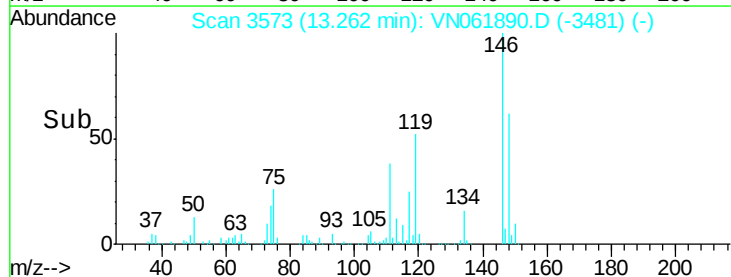
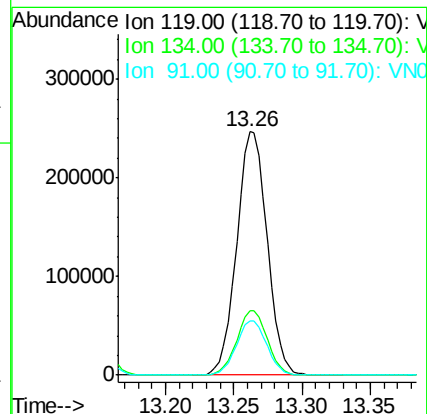
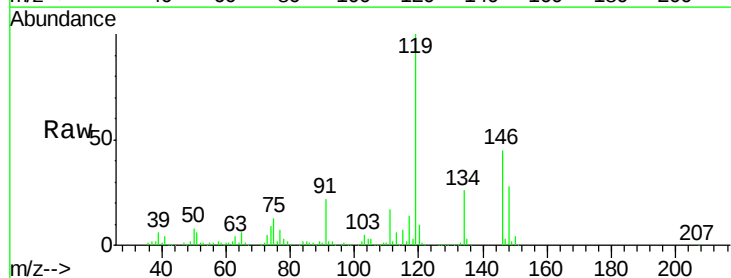
Tgt Ion:119 Resp: 380403

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.2 11.2 33.6





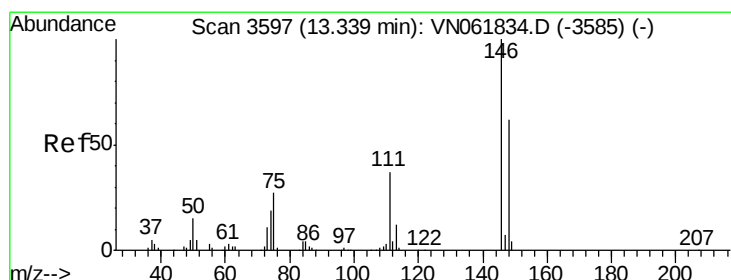
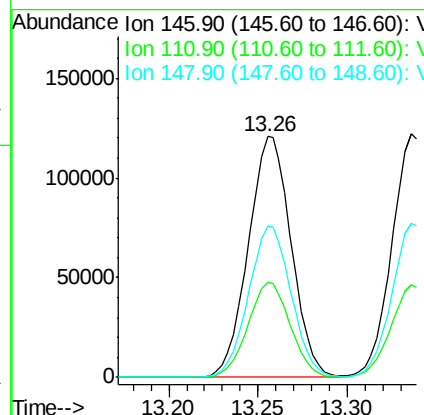
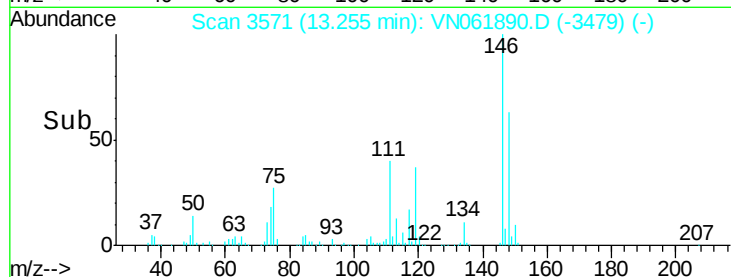
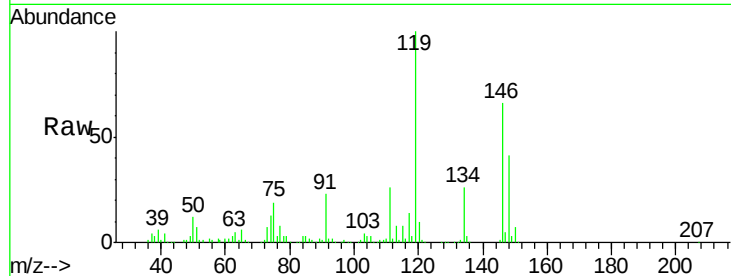
#87
 1,3-Dichlorobenzene
 Concen: 51.090 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	202915		
111	39.0		19.6	58.8
148	62.6		31.8	95.4

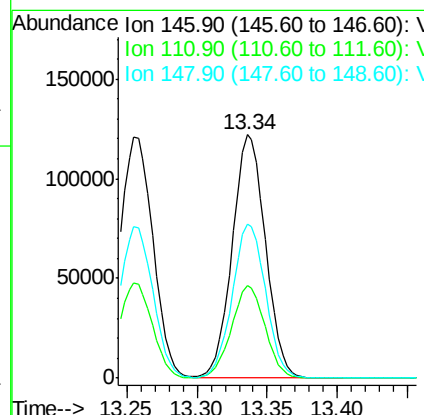
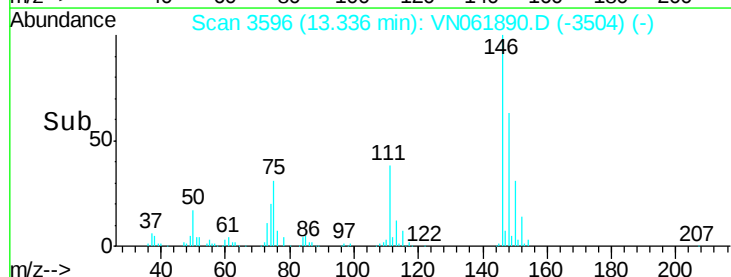
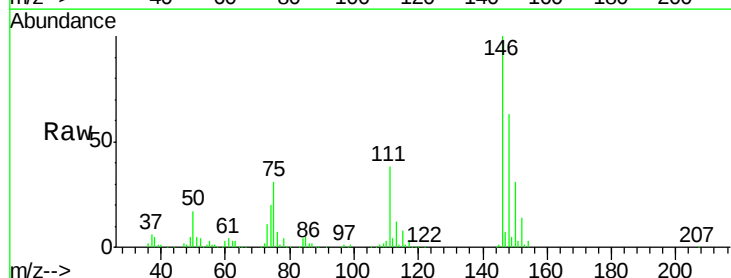
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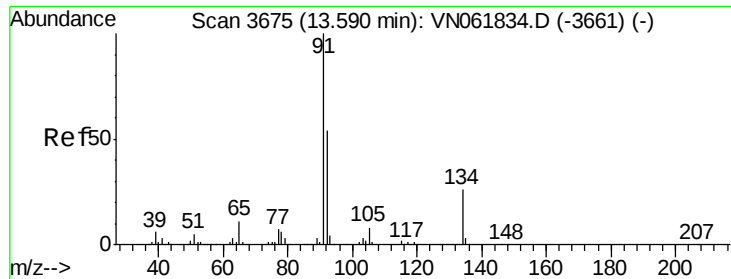
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#88
 1,4-Dichlorobenzene
 Concen: 49.416 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200900		
111	38.6		19.3	57.8
148	63.9		31.6	94.7





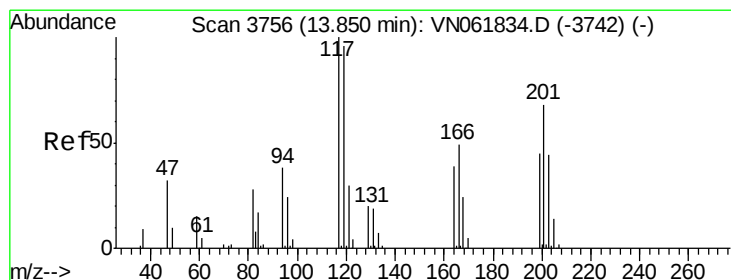
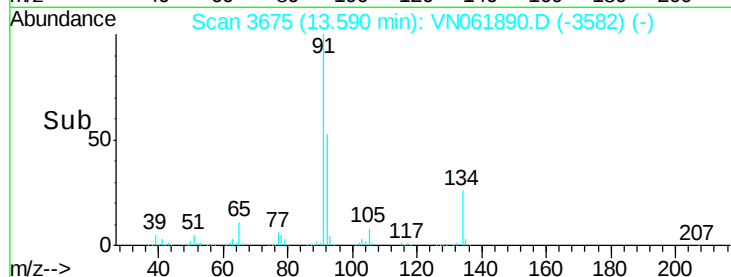
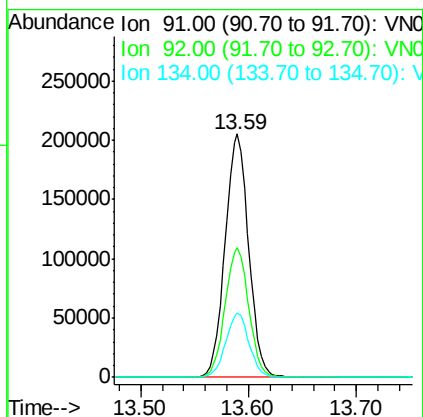
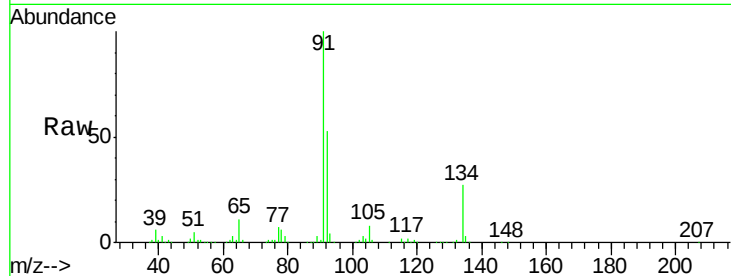
#89
n-Butylbenzene
Concen: 52.868 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	27.0	80.8	
134	26.2	13.0	39.0	

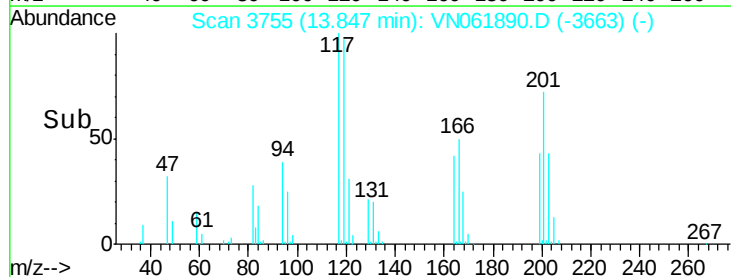
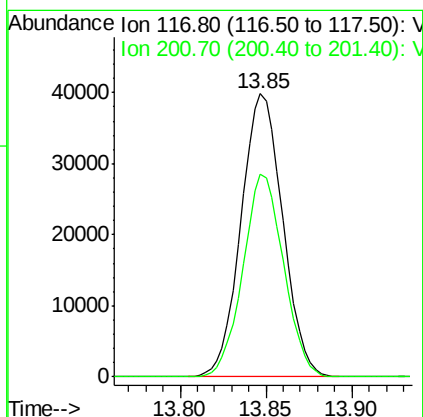
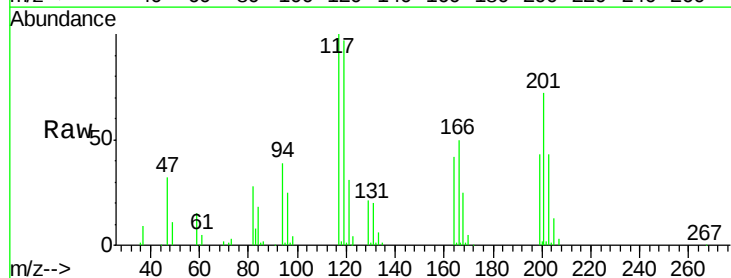
Manual Integrations
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#90
Hexachloroethane
Concen: 51.837 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	69.8	34.6	103.8	





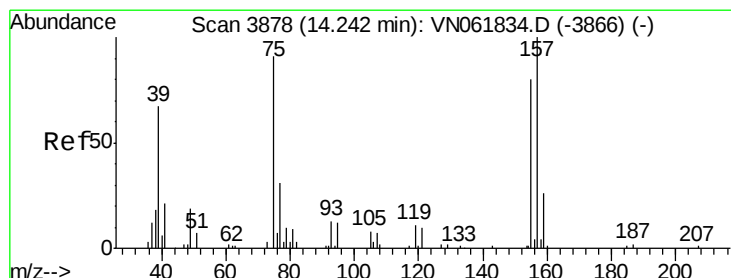
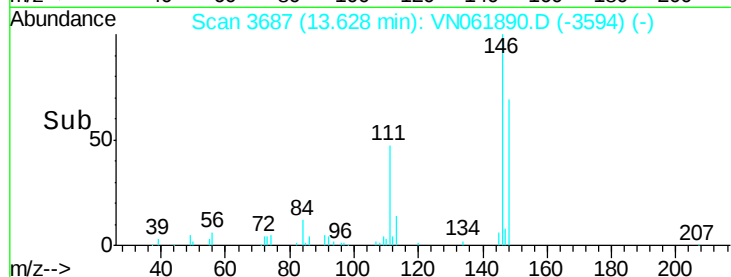
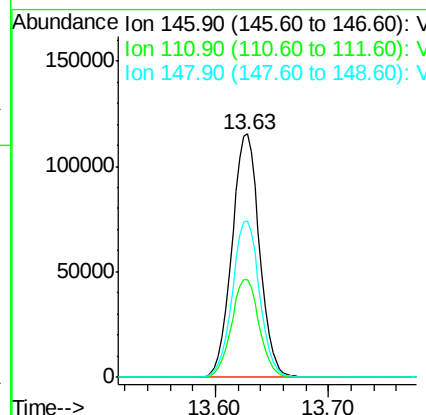
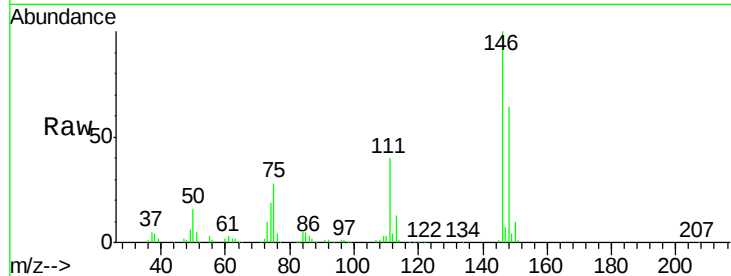
#91
 1,2-Dichlorobenzene
 Concen: 50.990 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.9	31.8	95.4

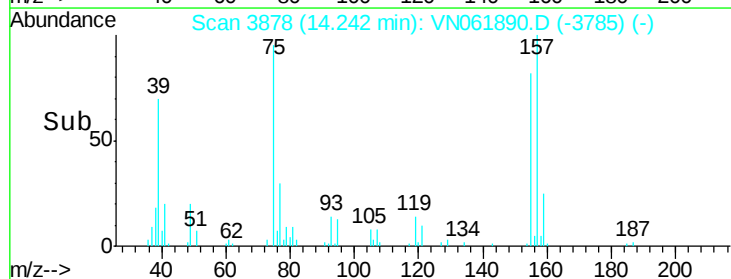
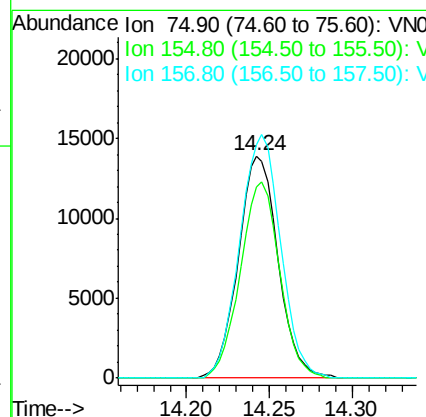
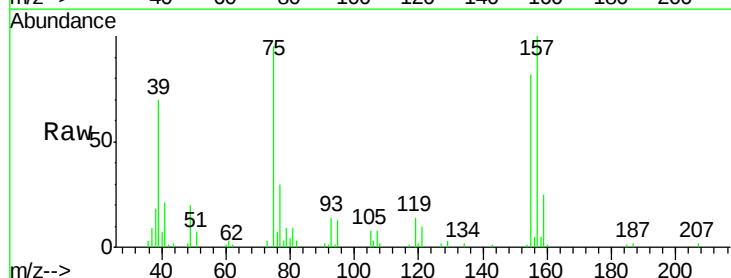
Manual Integrations
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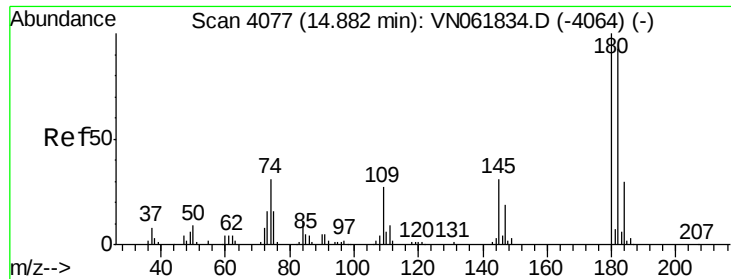
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.995 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	44.4	133.2
157	112.4	57.0	171.2





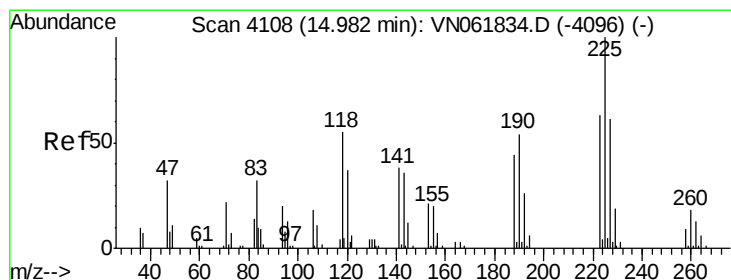
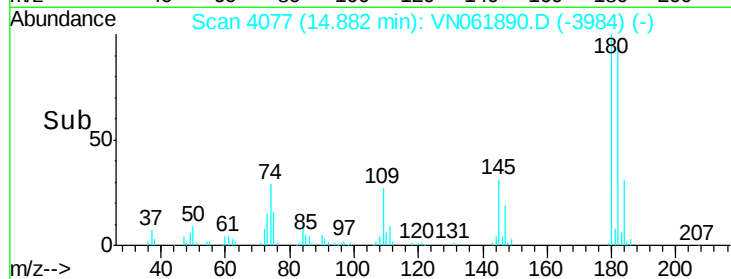
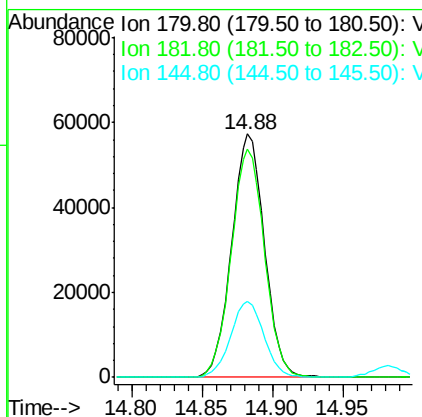
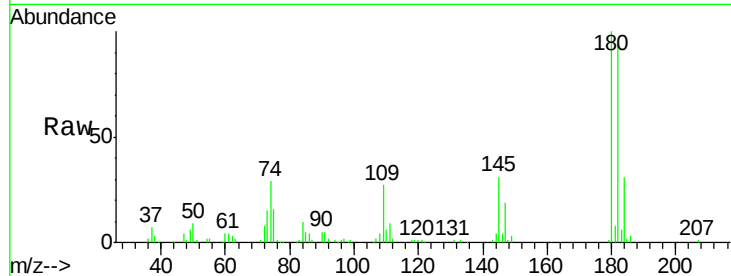
#93
 1,2,4-Trichlorobenzene
 Concen: 51.705 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	31.6	15.8	47.3

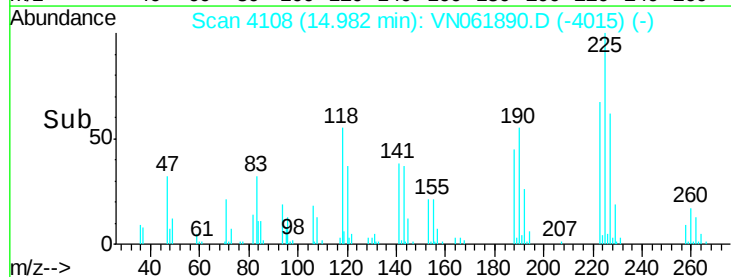
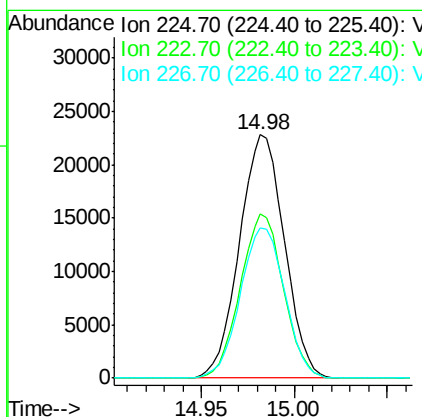
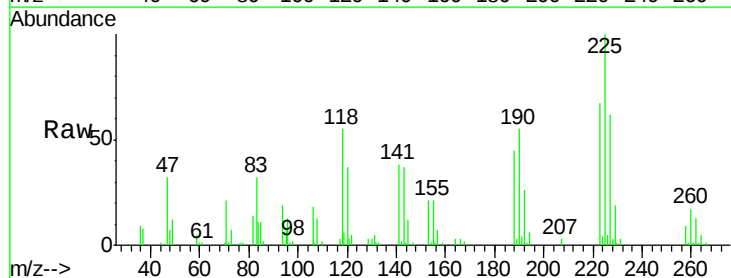
Manual Integrations
 APPROVED

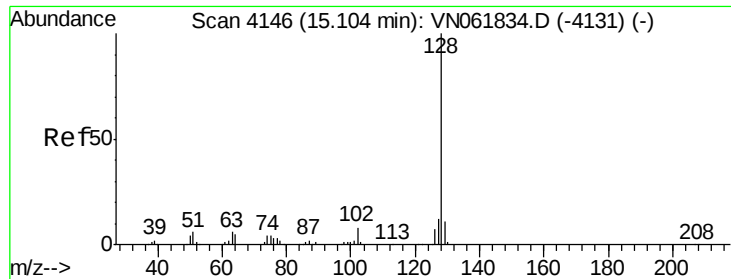
MMDadoda
 6/19/2020 1:03:47 PM



#94
 Hexachlorobutadiene
 Concen: 53.850 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061890.D
 Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.7	95.1
227	61.0	30.1	90.3





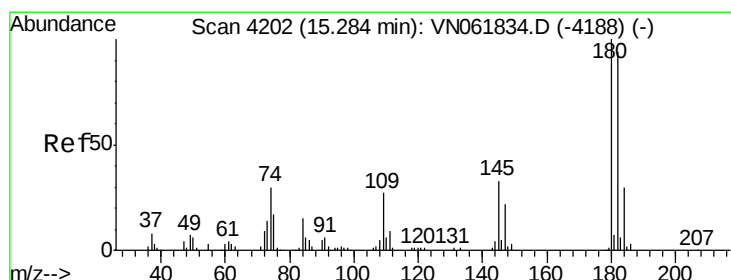
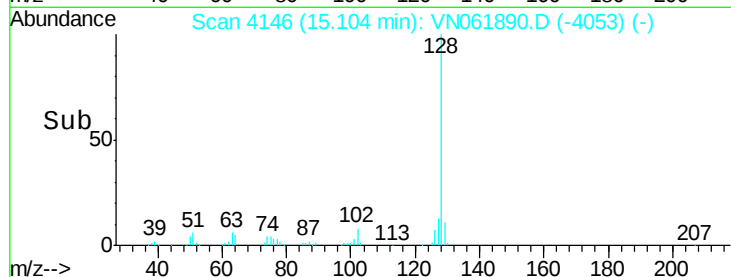
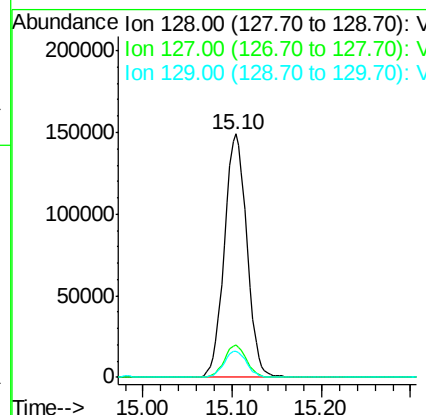
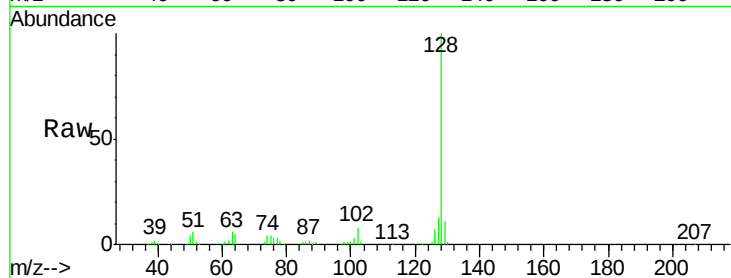
#95
Naphthalene
Concen: 43.521 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:03:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.603 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061890.D
Acq: 18 Jun 2020 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	32.5	16.5	49.5

