

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061865.D
 Acq On : 17 Jun 2020 22:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:22 AM

Quant Time: Jun 18 06:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111752	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.55	113	96858	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	10.06	98	372967	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.38	95	126908	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106001	48.732	ug/l	98
3) Chloromethane	2.03	50	110178	47.474	ug/l	98
4) Vinyl Chloride	2.16	62	139956	50.586	ug/l	100
5) Bromomethane	2.52	94	99491	46.828	ug/l	96
6) Chloroethane	2.66	64	93171	49.759	ug/l	98
7) Trichlorofluoromethane	2.98	101	188059	56.905	ug/l	97
8) Diethyl Ether	3.37	74	53975	48.582	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82902	48.897	ug/l	99
10) Methyl Iodide	3.91	142	100462	49.193	ug/l	99
11) Tert butyl alcohol	4.73	59	68672	221.308	ug/l	97
12) 1,1-Dichloroethene	3.69	96	82269	48.427	ug/l	99
13) Acrolein	3.56	56	40446	218.086	ug/l	98
14) Allyl chloride	4.28	41	104726	46.448	ug/l	98
15) Acrylonitrile	4.93	53	188004	244.519	ug/l	99
16) Acetone	3.77	43	146364	220.974	ug/l	98
17) Carbon Disulfide	4.01	76	235805	47.439	ug/l	99
18) Methyl Acetate	4.28	43	89604	46.988	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	269879	47.713	ug/l	99
20) Methylene Chloride	4.50	84	98366	45.583	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	93528	47.931	ug/l	96
22) Diisopropyl ether	5.90	45	240849	46.707	ug/l	99
23) Vinyl Acetate	5.84	43	956010	235.720	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159183	47.157	ug/l	99
25) 2-Butanone	6.78	43	225555	233.401	ug/l	98
26) 2,2-Dichloropropane	6.77	77	120938	42.584	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	108111	48.017	ug/l	97
28) Bromochloromethane	7.15	49	75174	50.016	ug/l	96
29) Tetrahydrofuran	7.17	42	151985	238.976	ug/l	99
30) Chloroform	7.33	83	169770	47.059	ug/l	98
31) Cyclohexane	7.61	56	134445	45.497	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	146443	47.664	ug/l	100
36) 1,1-Dichloropropene	7.75	75	126480	48.311	ug/l	98
37) Ethyl Acetate	6.88	43	98295	48.080	ug/l	99
38) Carbon Tetrachloride	7.73	117	128721	49.650	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143513	50.908	ug/l	97
40) Benzene	8.00	78	381931	48.159	ug/l	99
41) Methacrylonitrile	7.12	41	35237	40.307	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	130018	48.082	ug/l	99
43) Isopropyl Acetate	8.13	43	163864	47.561	ug/l	99
44) Trichloroethene	8.80	130	103569	49.623	ug/l	97
45) 1,2-Dichloropropane	9.09	63	94253	48.361	ug/l	99
46) Dibromomethane	9.18	93	67352	49.075	ug/l	99
47) Bromodichloromethane	9.37	83	136539	48.586	ug/l	100
48) Methyl methacrylate	9.17	41	75082	47.920	ug/l	99
49) 1,4-Dioxane	9.17	88	37203	1034.217	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	498000	244.601	ug/l	100
52) Toluene	10.12	92	250720	50.339	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	142489	47.762	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	157138	48.494	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	97957	49.987	ug/l	98
56) Ethyl methacrylate	10.40	69	134098	45.101	ug/l	99
57) 1,3-Dichloropropane	10.68	76	162848	49.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	265680	256.888	ug/l	99
59) 2-Hexanone	10.72	43	358704	222.110	ug/l	99
60) Dibromochloromethane	10.87	129	110363	50.471	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101124	49.419	ug/l	99
64) Tetrachloroethene	10.60	164	88646	51.620	ug/l	98
65) Chlorobenzene	11.40	112	272795	47.983	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	97653	49.250	ug/l	99
67) Ethyl Benzene	11.48	91	473043	49.626	ug/l	99
68) m/p-Xylenes	11.60	106	373112	101.510	ug/l	98
69) o-Xylene	11.92	106	178744	50.967	ug/l	100
70) Styrene	11.94	104	303198	51.633	ug/l	99
71) Bromoform	12.10	173	73286	50.690	ug/l #	99
73) Isopropylbenzene	12.22	105	467060	49.166	ug/l	99
74) N-amyl acetate	12.05	43	146242	42.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140814	45.592	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	114362m	43.574	ug/l	
77) Bromobenzene	12.50	156	115411	48.155	ug/l	97
78) n-propylbenzene	12.57	91	524056	48.347	ug/l	99
79) 2-Chlorotoluene	12.65	91	308592	47.402	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	390733	49.716	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	43209	44.903	ug/l	97
82) 4-Chlorotoluene	12.75	91	321943	47.858	ug/l	100
83) tert-Butylbenzene	12.97	119	323869	48.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	389739	50.236	ug/l	99
85) sec-Butylbenzene	13.15	105	433542	49.713	ug/l	100
86) p-Isopropyltoluene	13.27	119	401633	51.683	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	208405	47.678	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208587	46.618	ug/l	100
89) n-Butylbenzene	13.59	91	321299	49.507	ug/l	99
90) Hexachloroethane	13.85	117	69854	49.106	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	204384	48.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24542	48.946	ug/l	98

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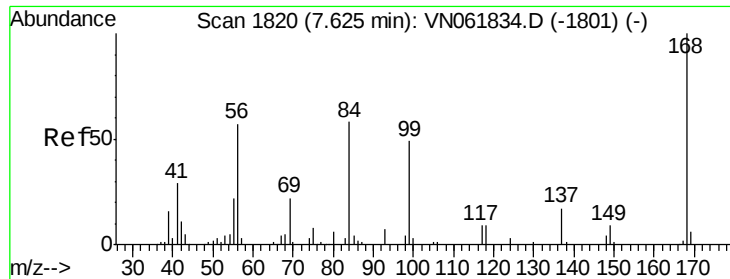
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98230	49.468	ug/l	99
94) Hexachlorobutadiene	14.98	225	38012	48.603	ug/l	98
95) Naphthalene	15.10	128	281744	42.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98548	50.111	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 167199

Ion Ratio Lower Upper

168 100

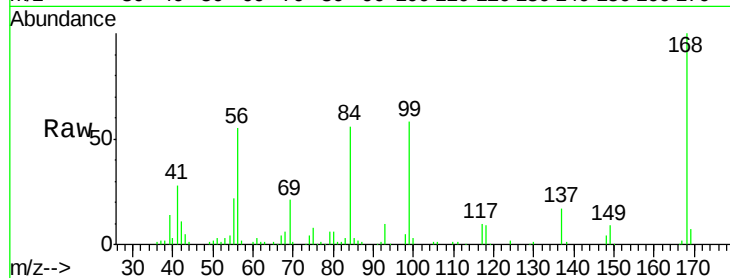
99 57.7 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

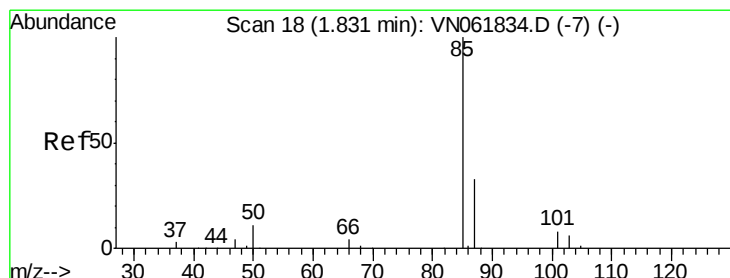
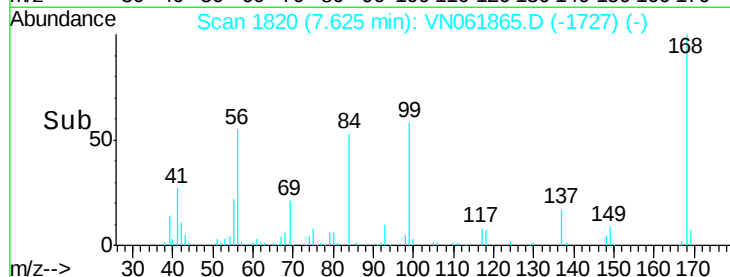
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.732 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061865.D

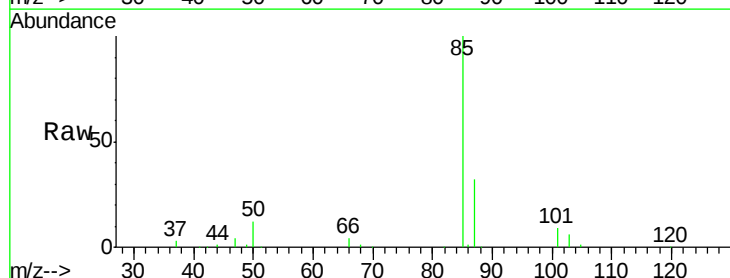
Acq: 17 Jun 2020 22:16

Tgt Ion: 85 Resp: 106001

Ion Ratio Lower Upper

85 100

87 32.2 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

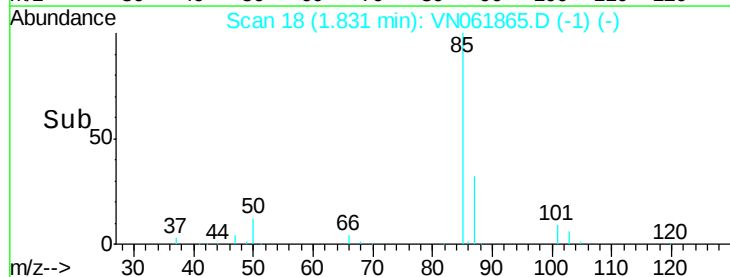
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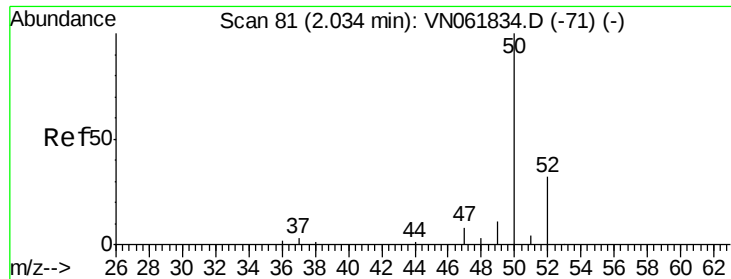
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.474 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 110178

Ion Ratio Lower Upper

50 100

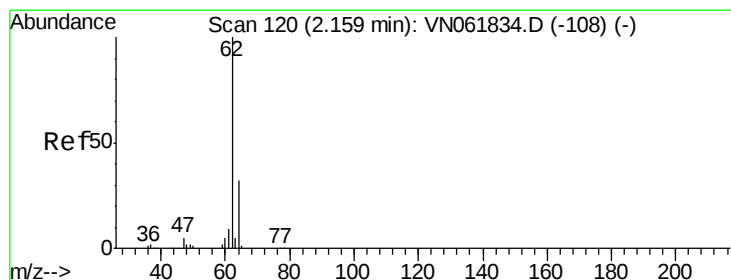
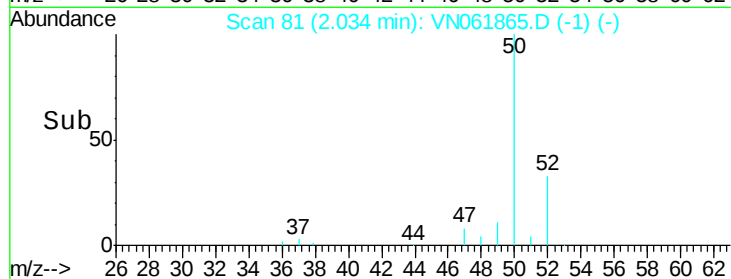
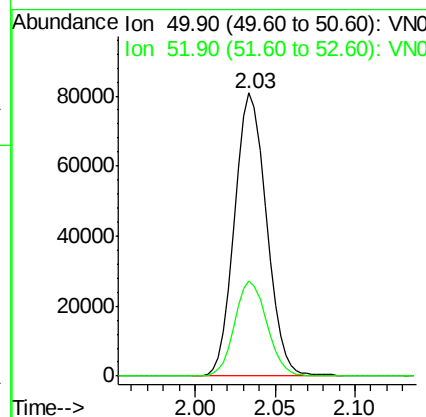
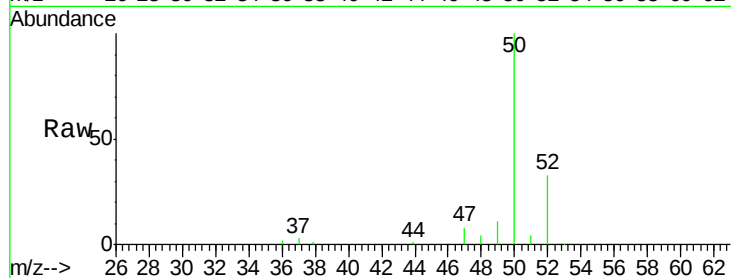
52 33.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.586 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061865.D

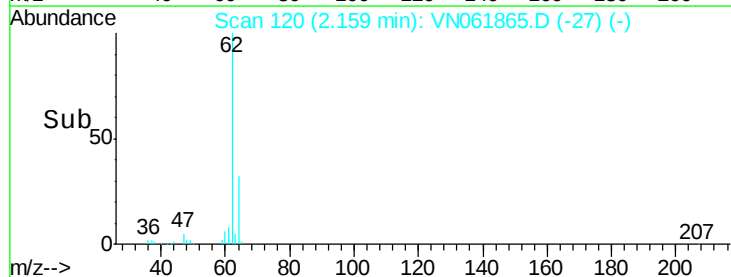
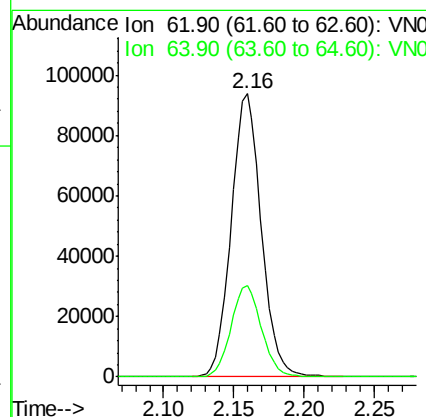
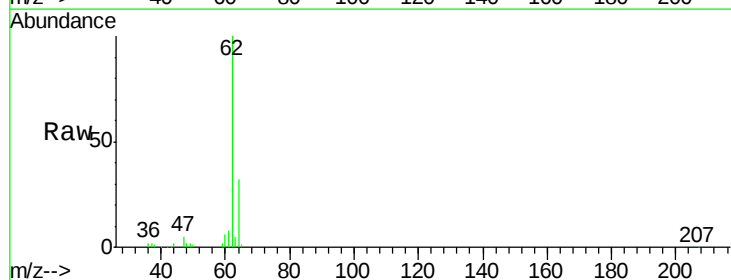
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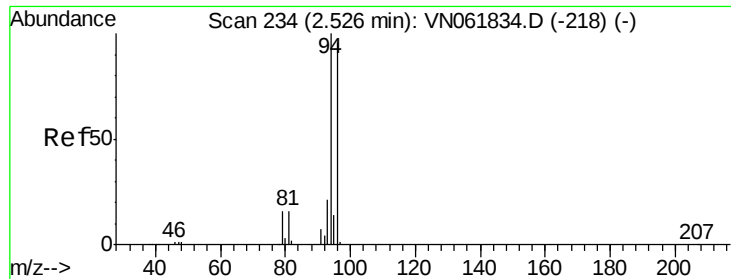
Tgt Ion: 62 Resp: 139956

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 46.828 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99491

Ion Ratio Lower Upper

94 100

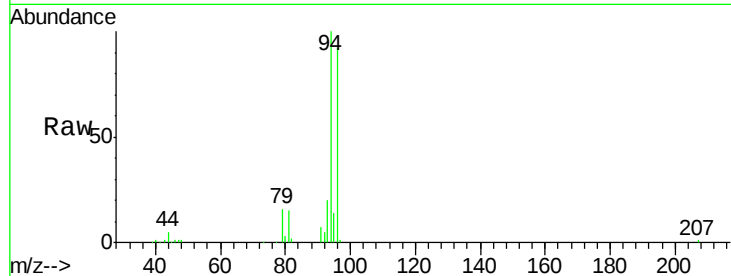
96 91.9 76.7 115.1

Manual Integrations

APPROVED

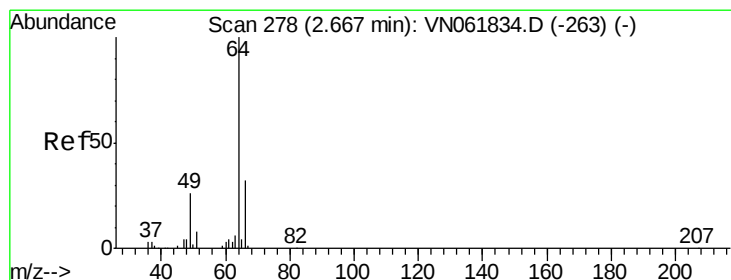
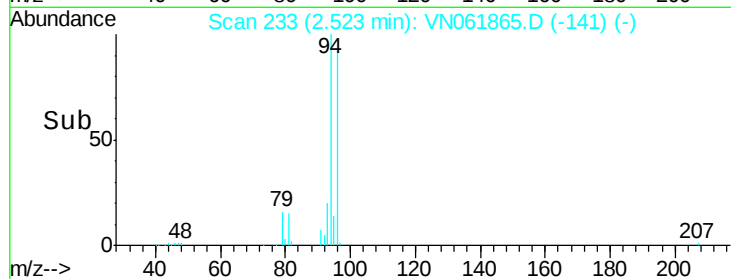
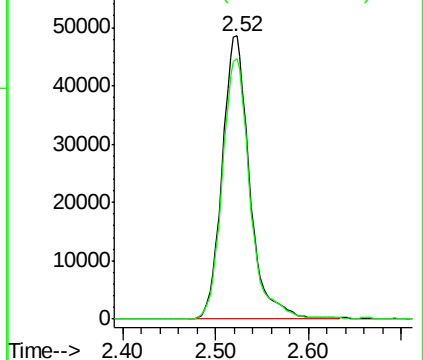
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6/18/2020 9:37:22 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.759 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061865.D

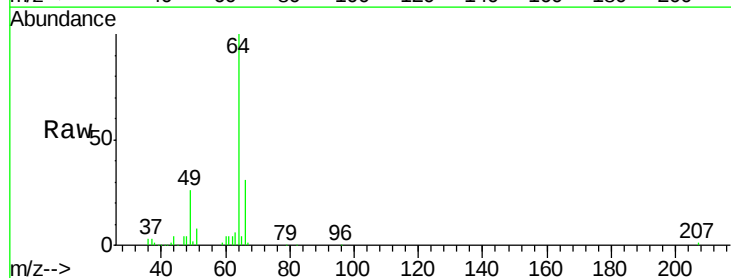
Acq: 17 Jun 2020 22:16

Tgt Ion: 64 Resp: 93171

Ion Ratio Lower Upper

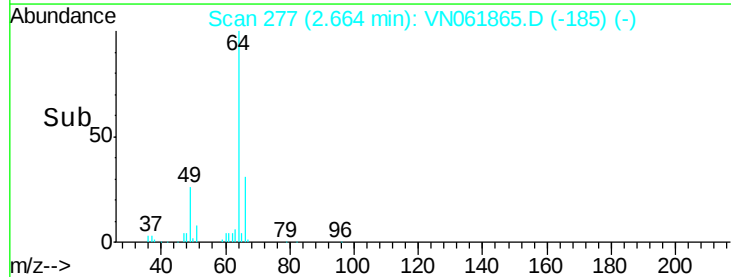
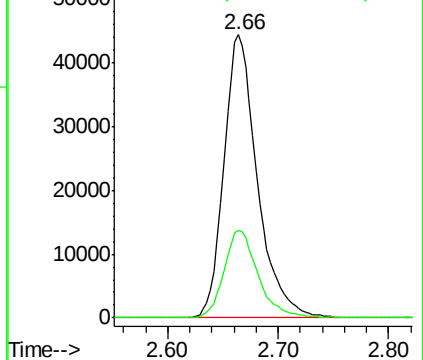
64 100

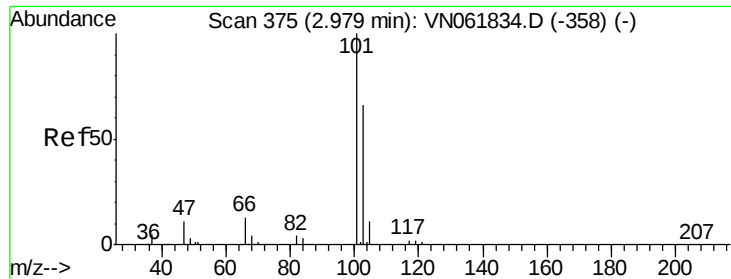
66 31.0 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

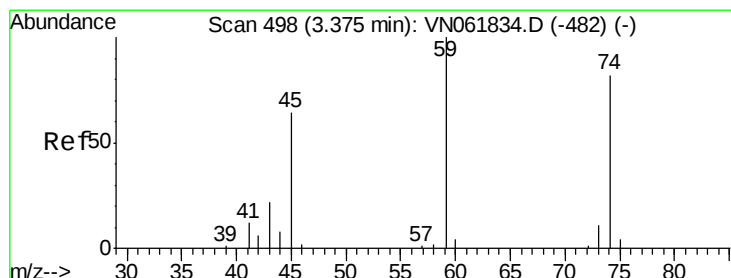
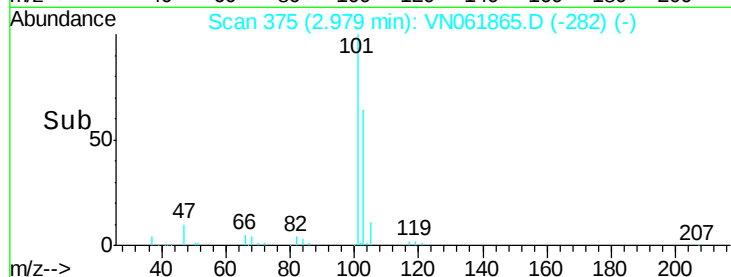
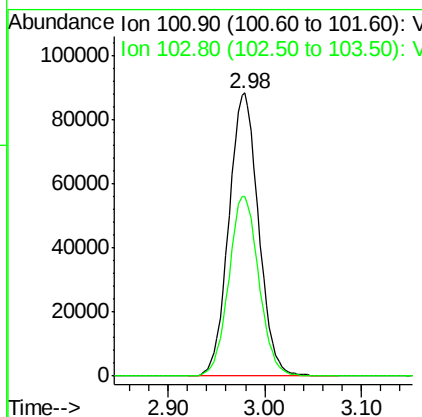
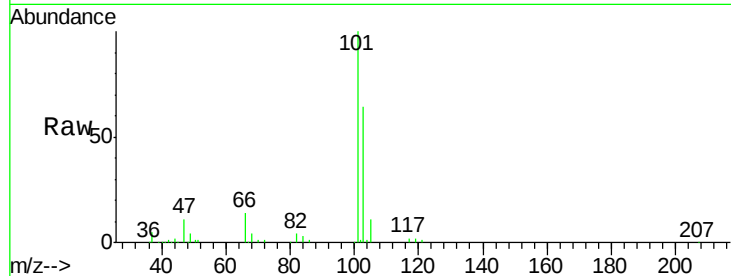
Trichlorofluoromethane
Concen: 56.905 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.8	79.2

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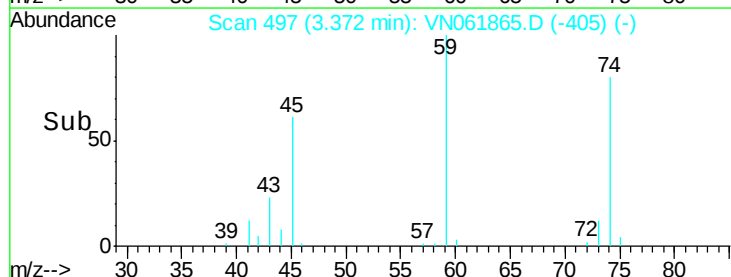
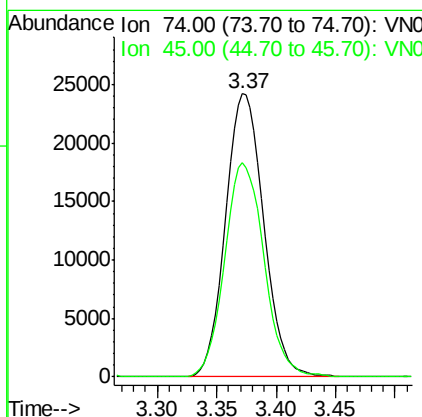
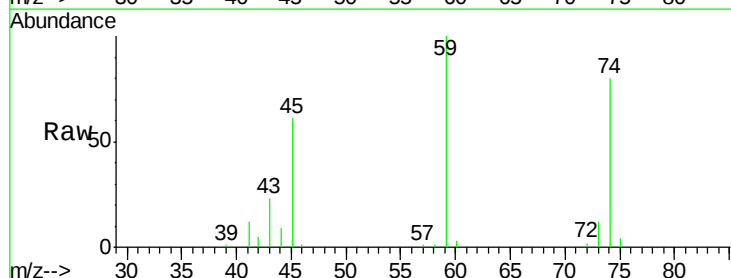
MMDadoda
6/18/2020 9:37:22 AM

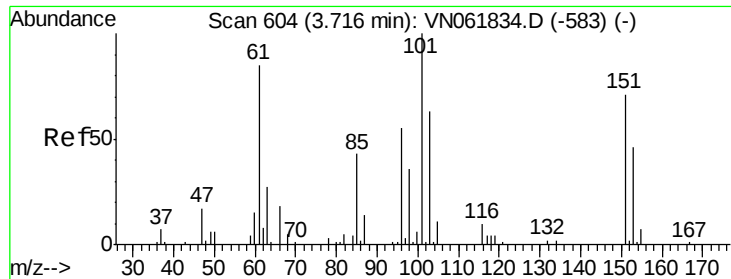


#8

Diethyl Ether
Concen: 48.582 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.6	39.1	117.3





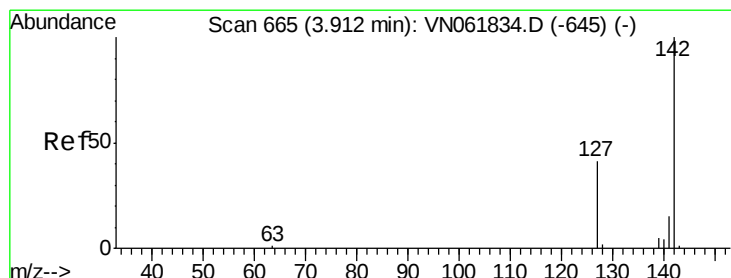
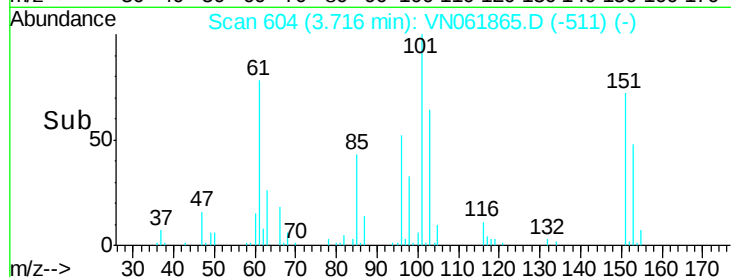
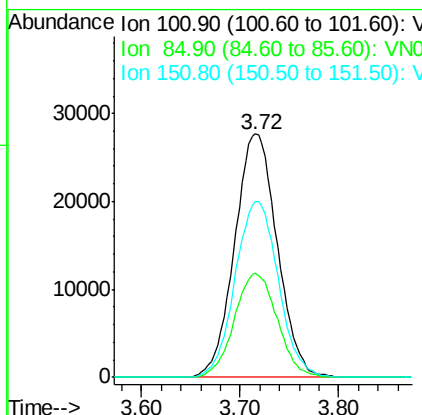
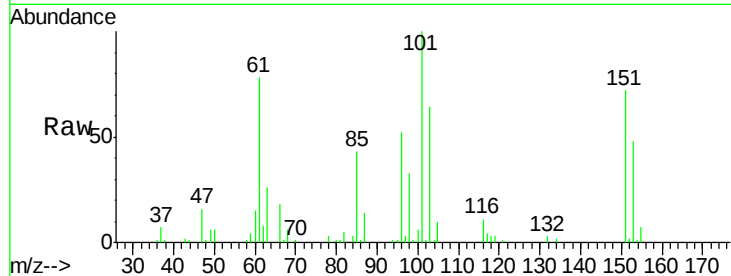
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.897 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	35.0	52.6
151	73.1	59.2	88.8

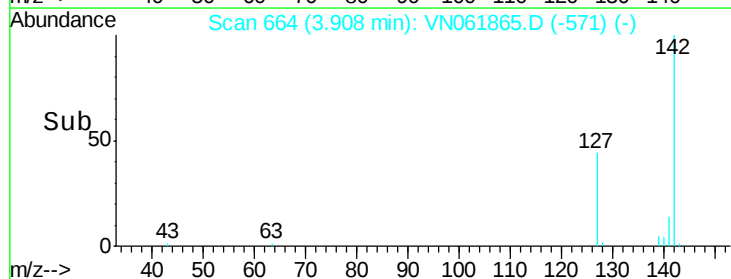
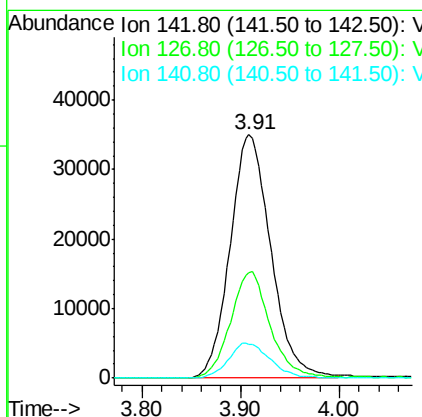
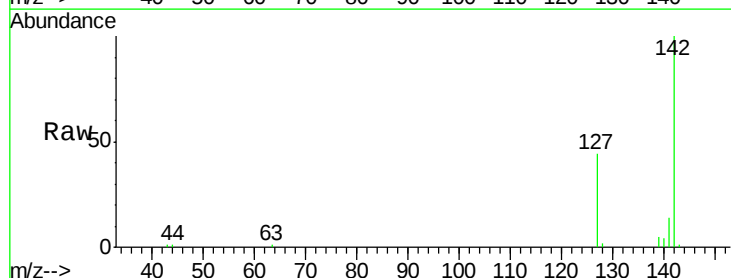
Manual Integrations
 APPROVED

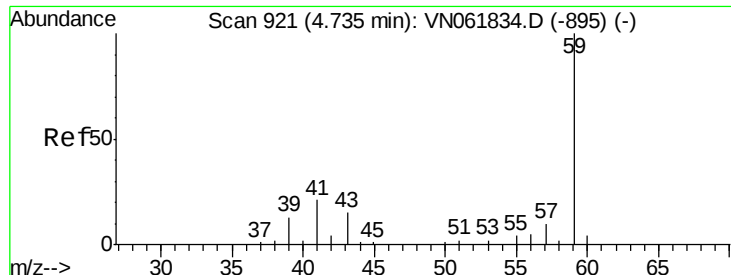
MMDadoda
 6/18/2020 9:37:22 AM



#10
 Methyl Iodide
 Concen: 49.193 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.6	33.4	50.0
141	14.6	11.3	16.9





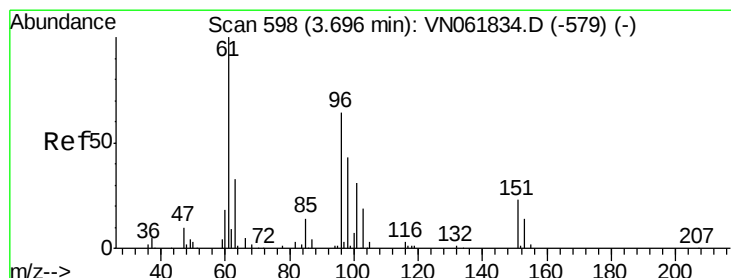
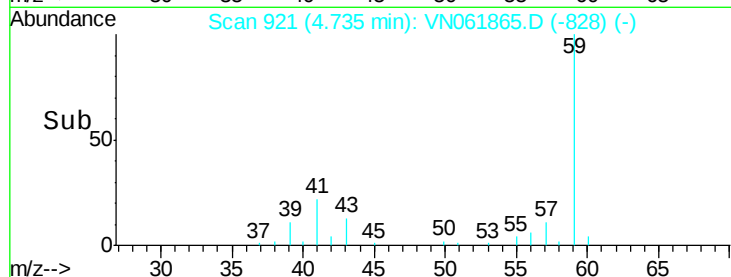
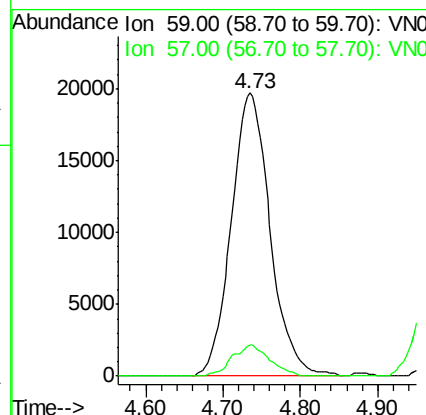
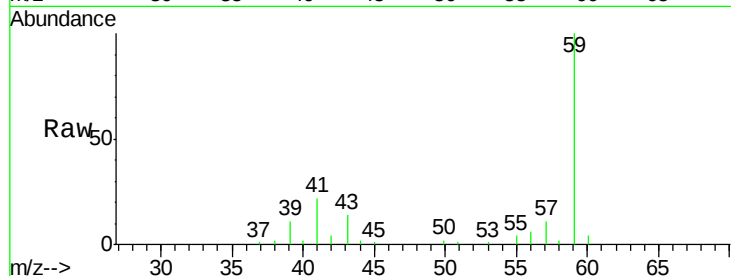
#11
Tert butyl alcohol
Concen: 221.308 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 68672
Ion Ratio Lower Upper
59 100
57 10.6 7.7 11.5

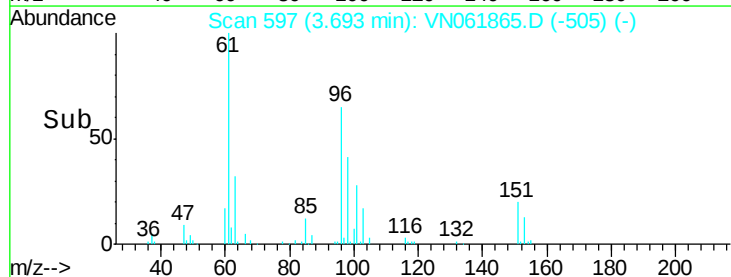
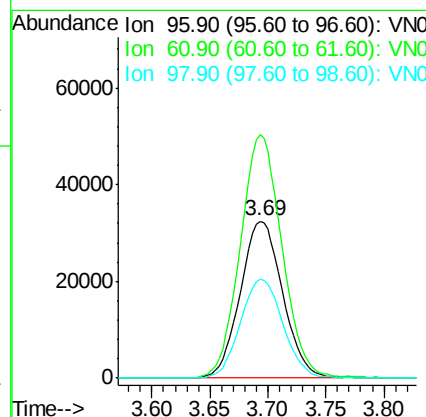
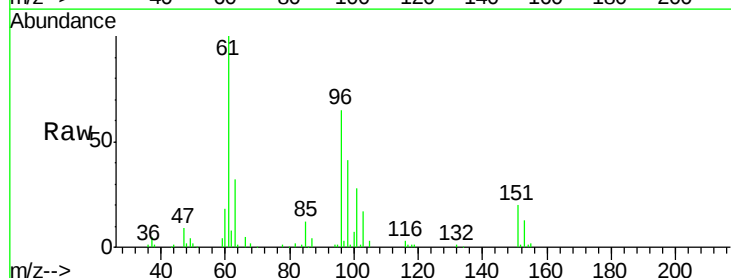
Manual Integrations
APPROVED

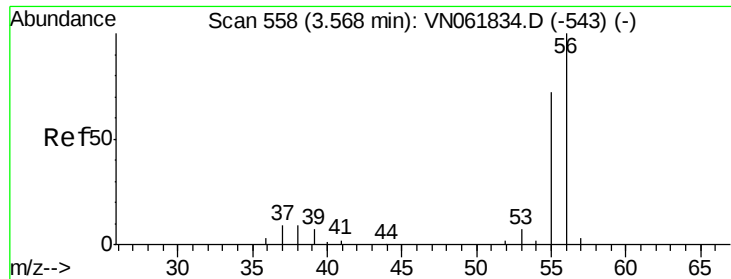
MMDadoda
6/18/2020 9:37:22 AM



#12
1,1-Dichloroethene
Concen: 48.427 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 96 Resp: 82269
Ion Ratio Lower Upper
96 100
61 154.9 124.3 186.5
98 63.2 53.1 79.7





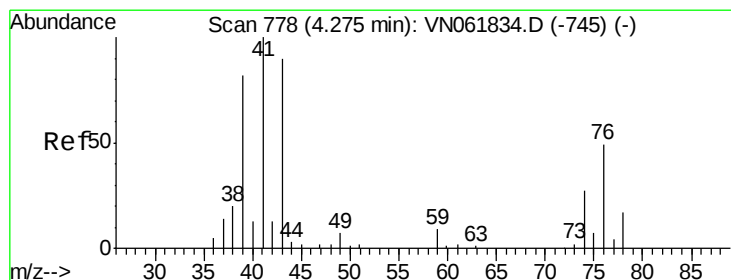
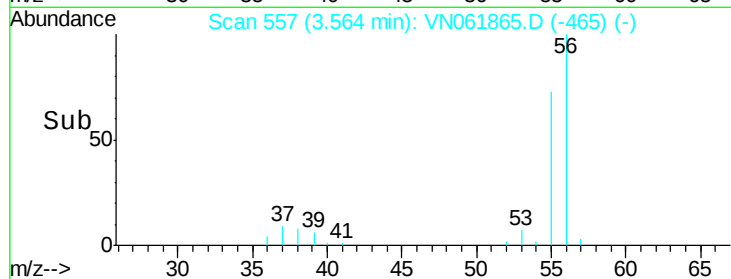
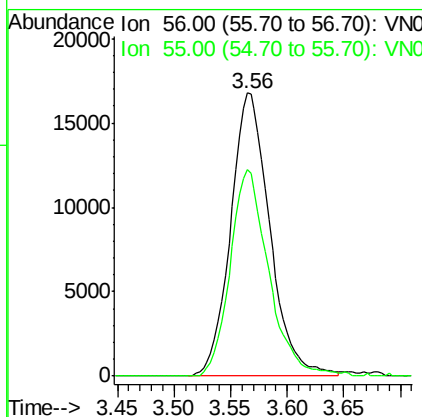
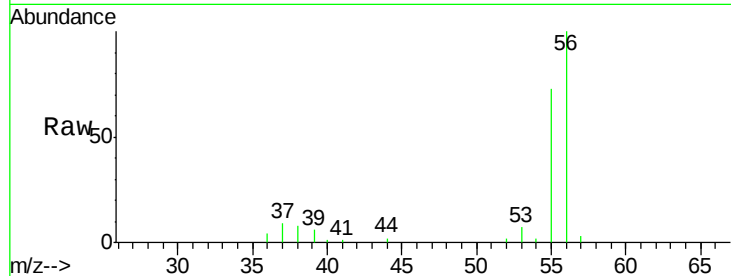
#13
Acrolein
Concen: 218.086 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	40446
Ion Ratio	100	Lower	Upper
56	100		
55	71.6	56.2	84.4

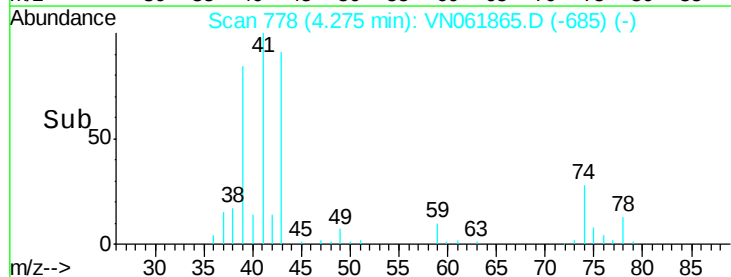
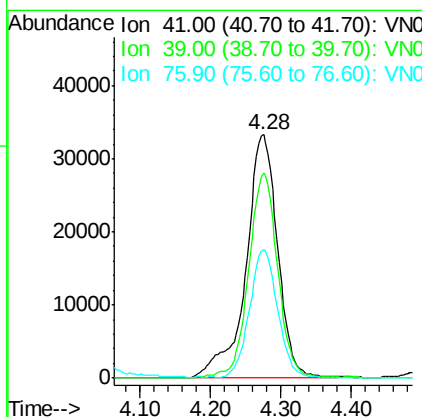
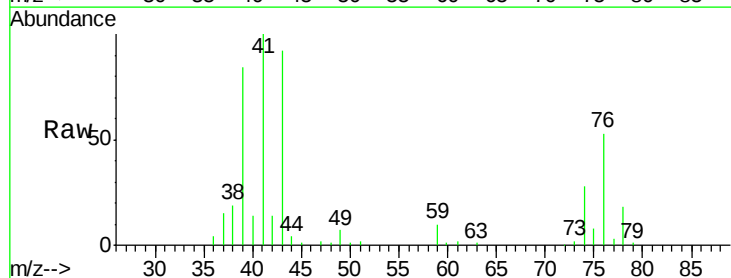
Manual Integrations
APPROVED

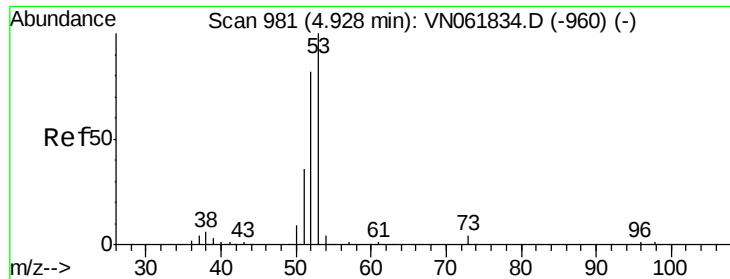
MMDadoda
6/18/2020 9:37:22 AM



#14
Allyl chloride
Concen: 46.448 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	41	Resp	104726
Ion Ratio	100	Lower	Upper
41	100		
39	77.0	60.2	90.2
76	46.7	36.3	54.5





#15

Acrylonitrile

Concen: 244.519 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

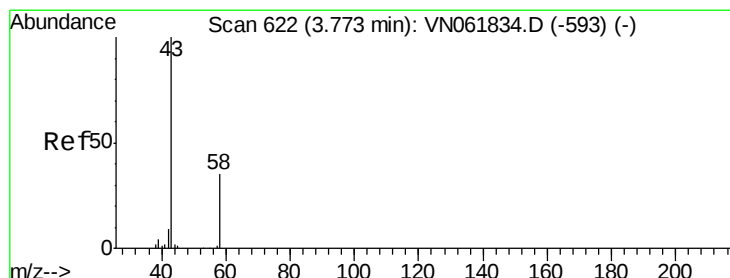
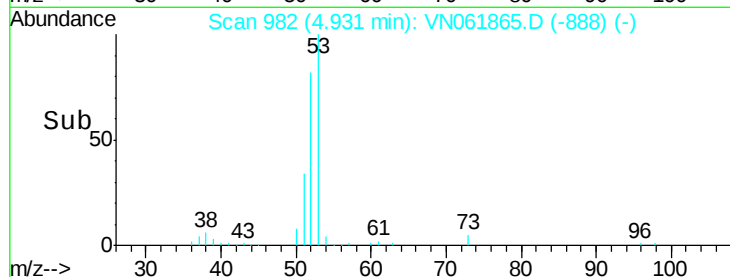
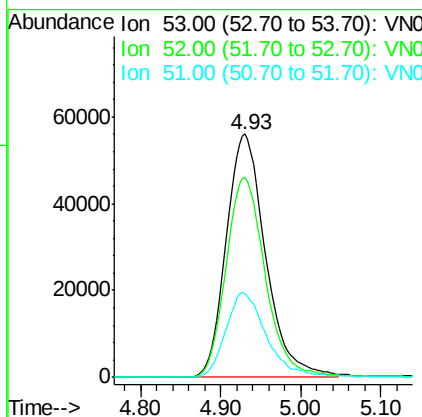
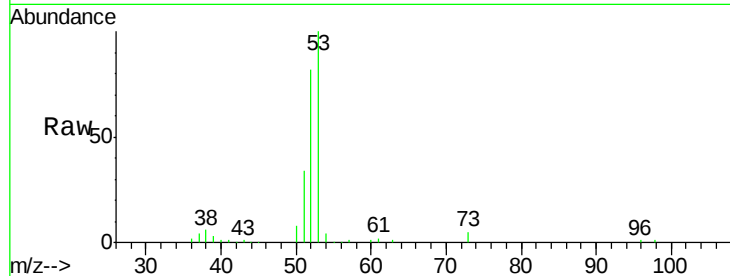
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	188004
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.2	97.8
51	35.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 220.974 ug/l

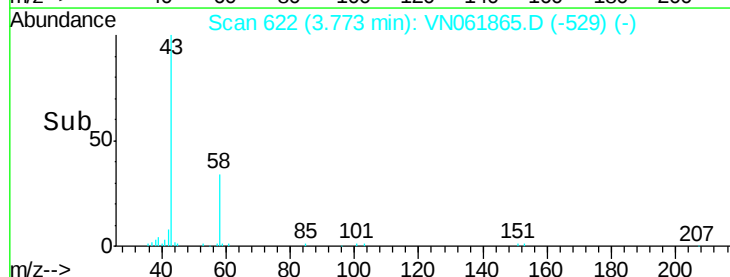
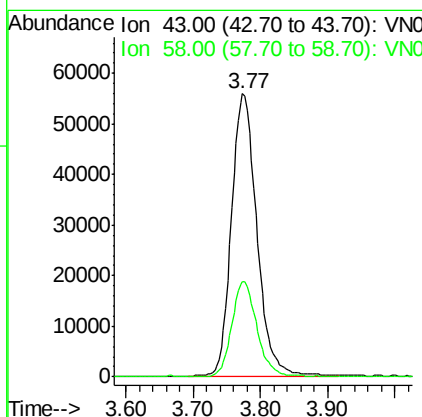
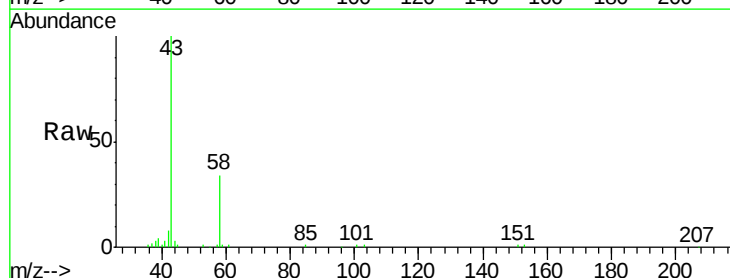
RT: 3.77 min Scan# 622

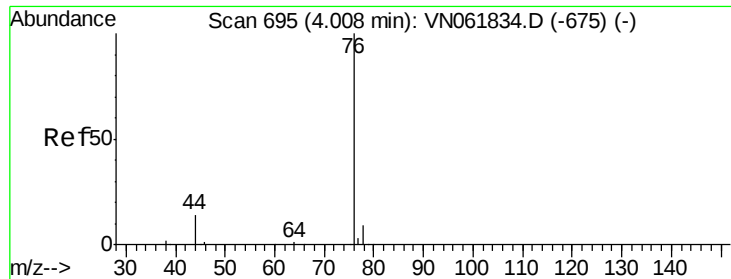
Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Tgt Ion:	43	Resp:	146364
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.8	41.8





#17

Carbon Disulfide

Concen: 47.439 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 235805

Ion Ratio Lower Upper

76 100

78 9.4

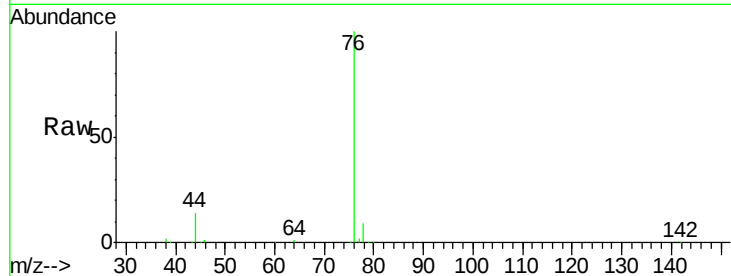
7.3 10.9

Manual Integrations

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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) (-)

4.01

100000

80000

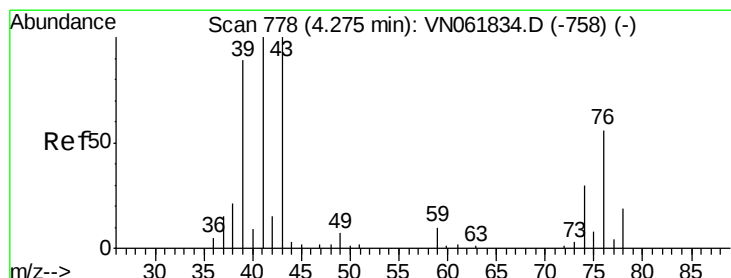
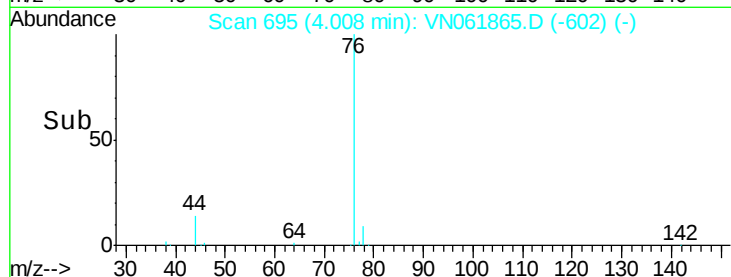
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 46.988 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

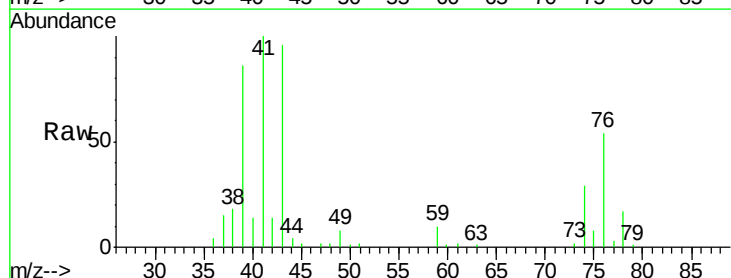
Tgt Ion: 43 Resp: 89604

Ion Ratio Lower Upper

43 100

74 30.0

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) (-)

4.28

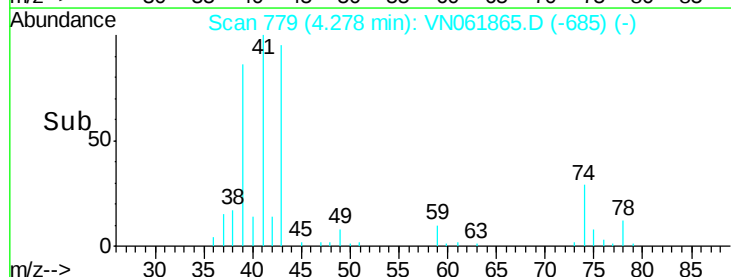
30000

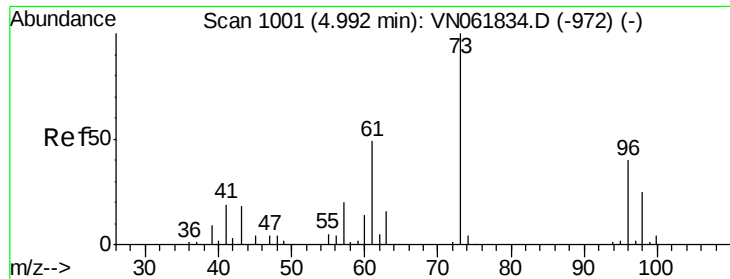
20000

10000

0

Time-->





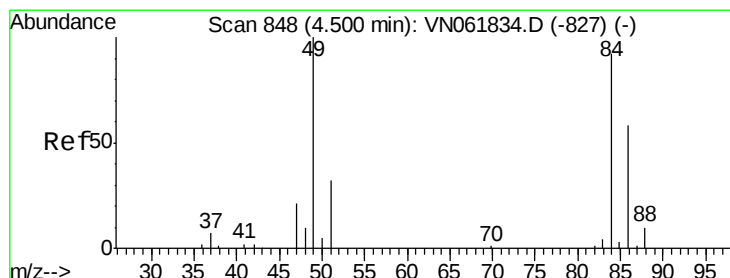
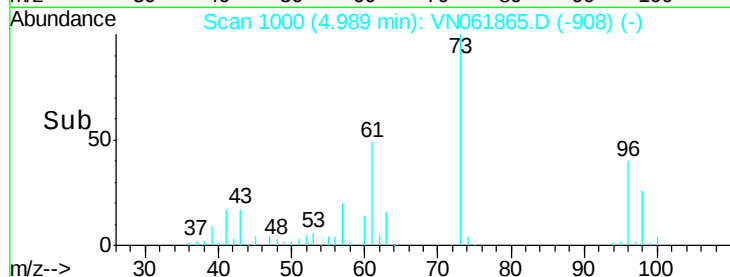
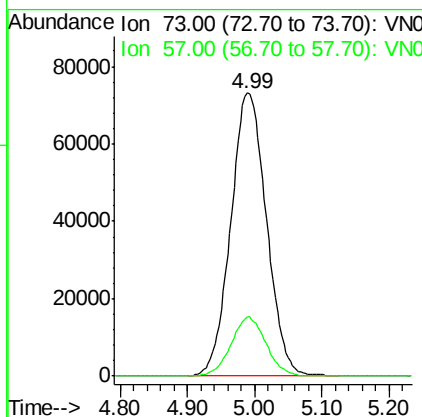
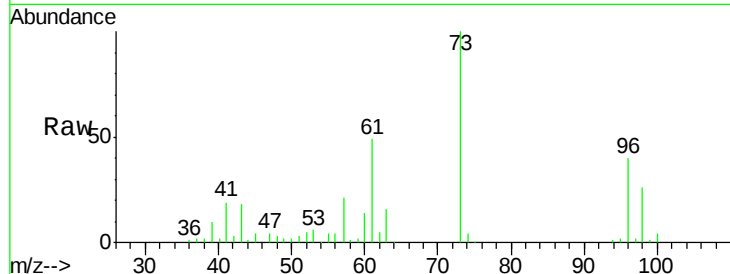
#19
Methvl tert-butvl Ether
Concen: 47.713 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 269879
Ion Ratio Lower Upper
73 100
57 20.9 16.2 24.4

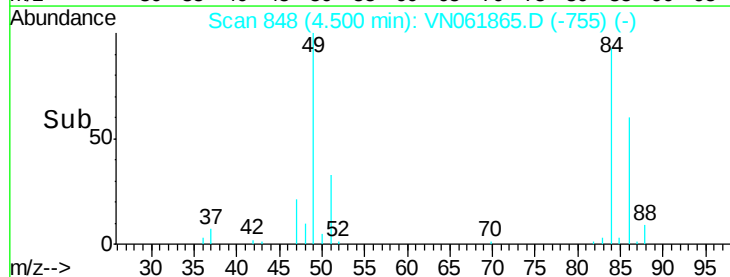
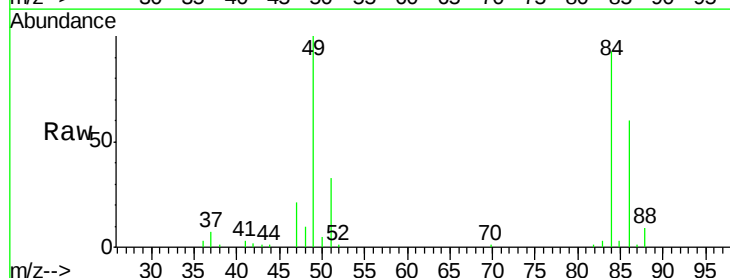
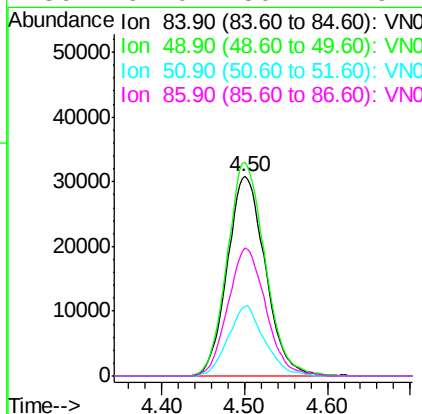
Manual Integrations
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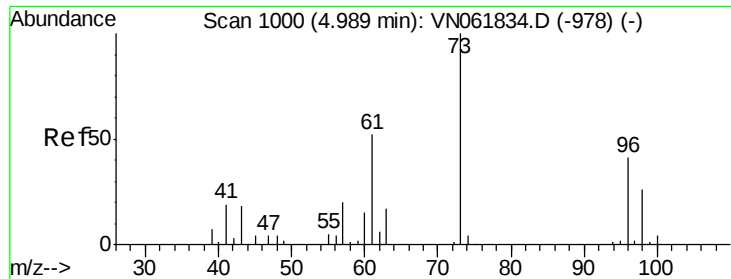
MMDadoda
6/18/2020 9:37:22 AM



#20
Methylene Chloride
Concen: 45.583 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 84 Resp: 98366
Ion Ratio Lower Upper
84 100
49 107.1 87.0 130.4
51 34.9 27.8 41.6
86 64.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.931 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 93528

Ion Ratio Lower Upper

96 100

61 121.3 102.2 153.4

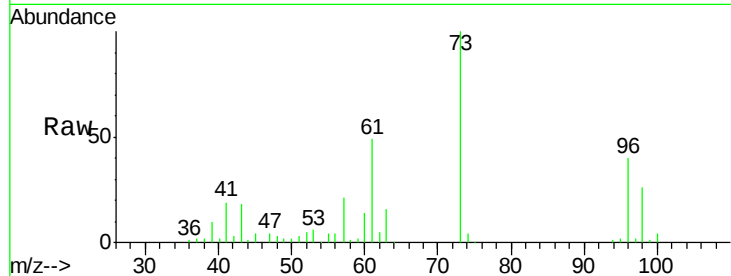
98 63.5 51.2 76.8

Manual Integrations

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MMDadoda

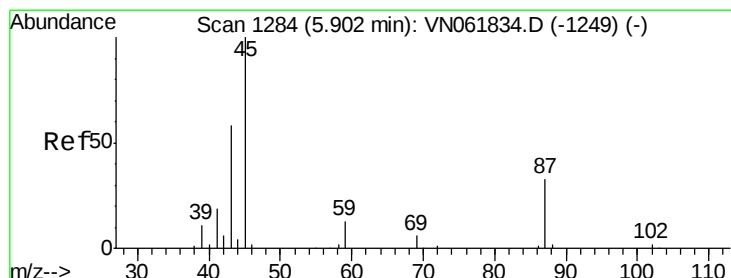
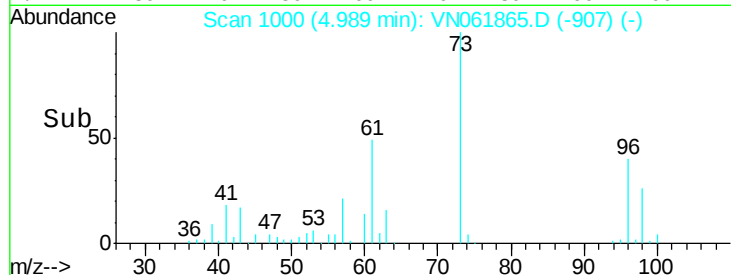
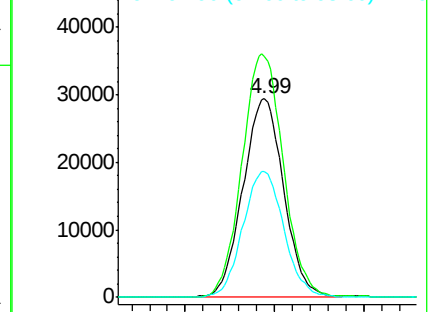
6/18/2020 9:37:22 AM



Abundance Ion 95.90 (95.60 to 96.60): VN061865.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061865.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061865.D (-907) (-)



#22

Diisopropyl ether

Concen: 46.707 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Tgt Ion: 45 Resp: 240849

Ion Ratio Lower Upper

45 100

43 61.5 49.4 74.2

87 36.0 27.4 41.0

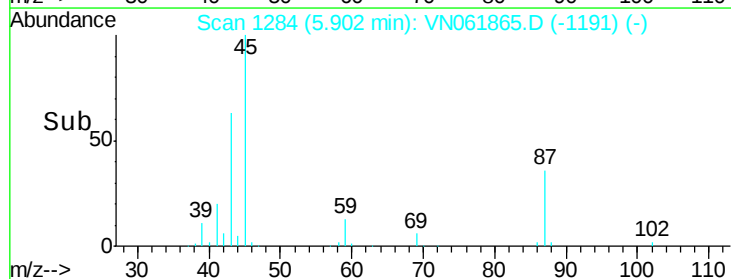
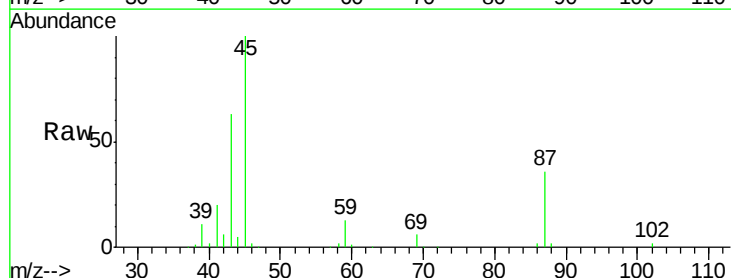
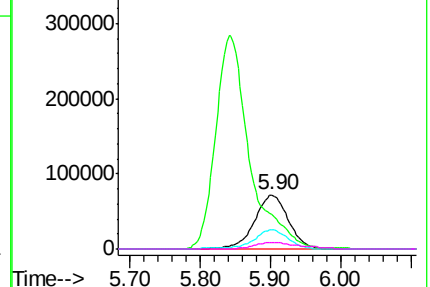
59 12.8 10.6 15.8

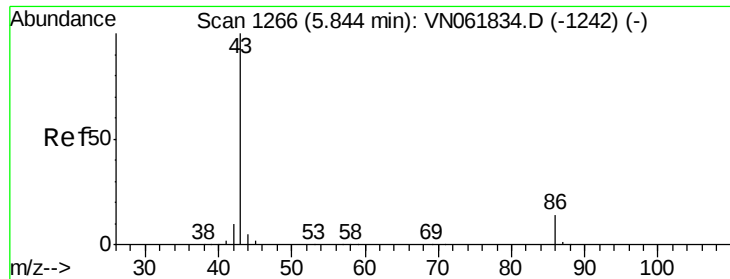
Abundance Ion 45.00 (44.70 to 45.70): VN061865.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061865.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061865.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061865.D (-1191) (-)





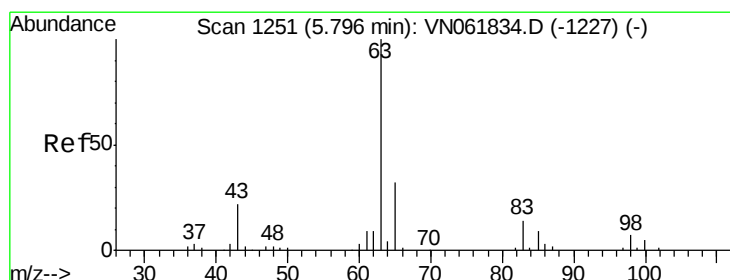
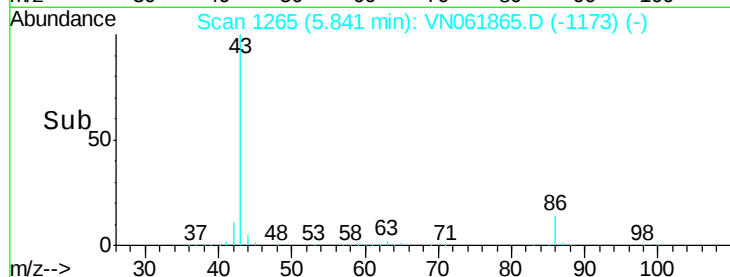
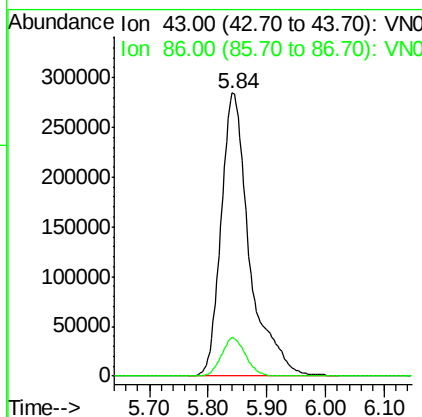
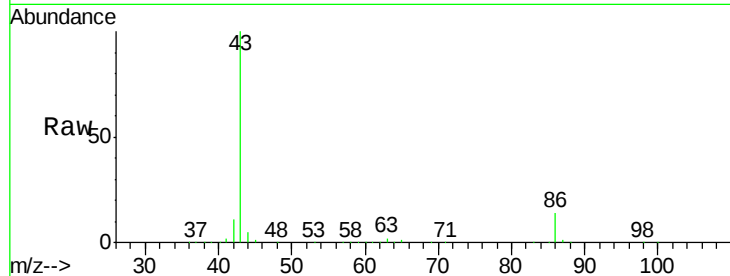
#23
 Vinyl Acetate
 Concen: 235.720 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	956010
Ion Ratio	100	Lower	Upper
43	100		
86	13.5	10.9	16.3

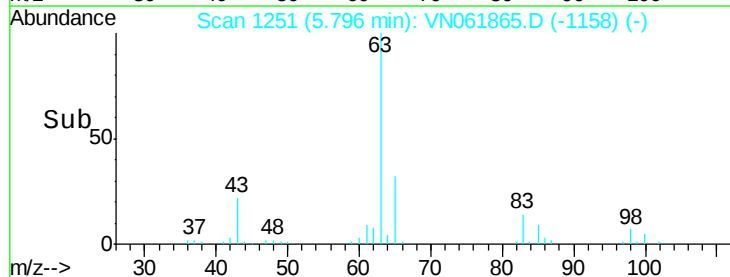
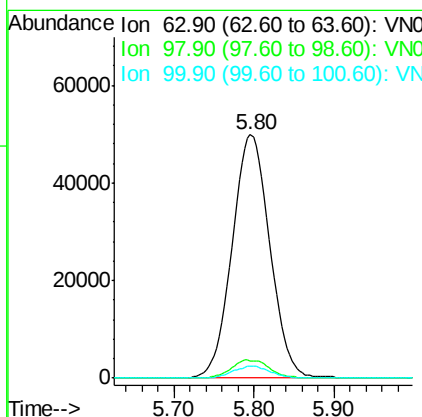
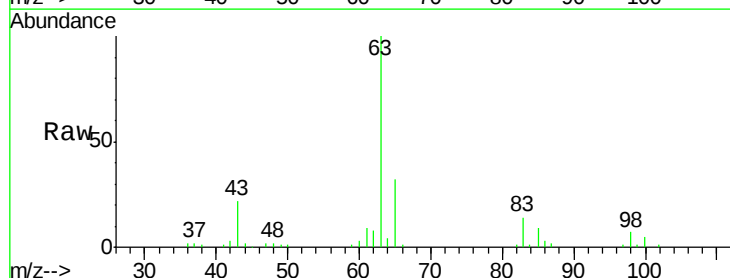
Manual Integrations
 APPROVED

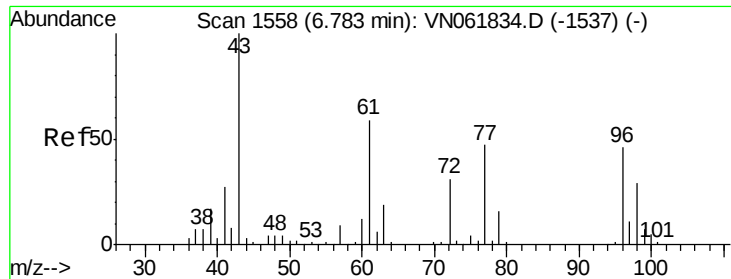
MMDadoda
 6/18/2020 9:37:22 AM



#24
 1,1-Dichloroethane
 Concen: 47.157 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	63	Resp	159183
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	3.5	10.4
100	5.2	2.5	7.4





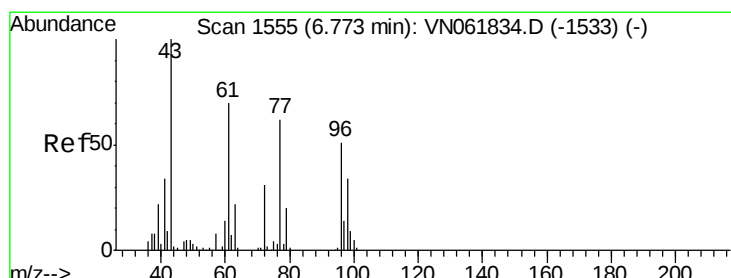
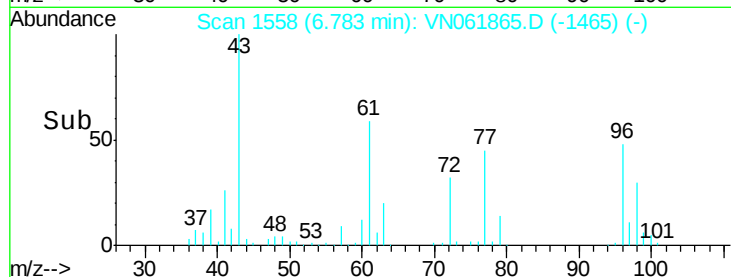
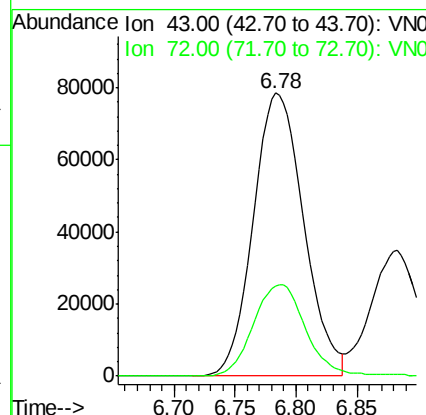
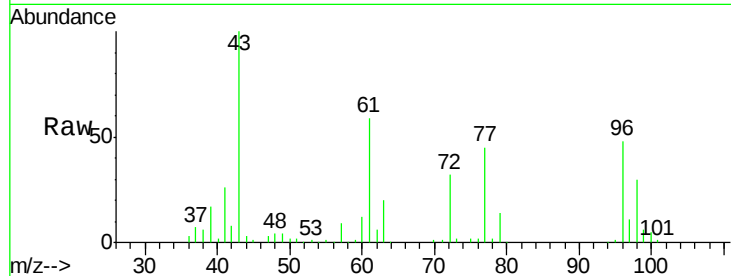
#25
2-Butanone
Concen: 233.401 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 225555
Ion Ratio Lower Upper
43 100
72 31.9 24.6 37.0

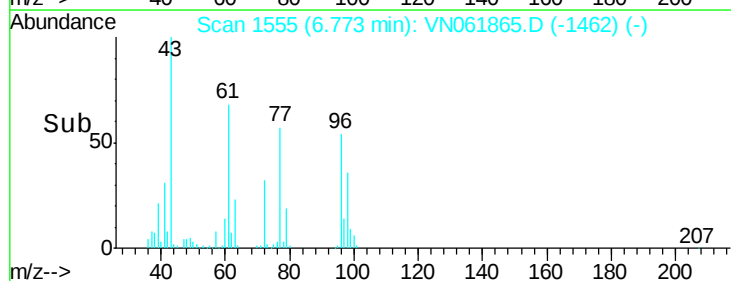
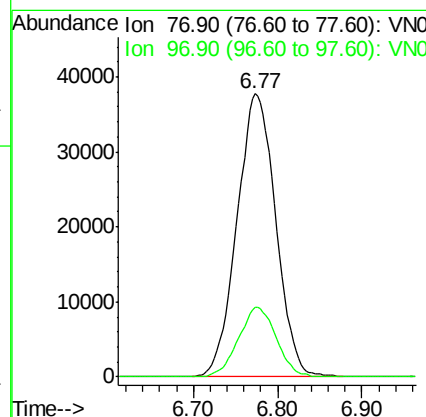
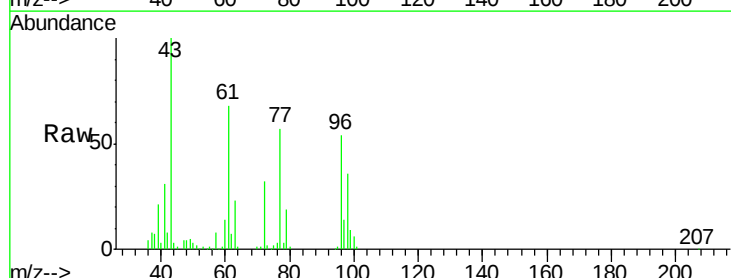
Manual Integrations
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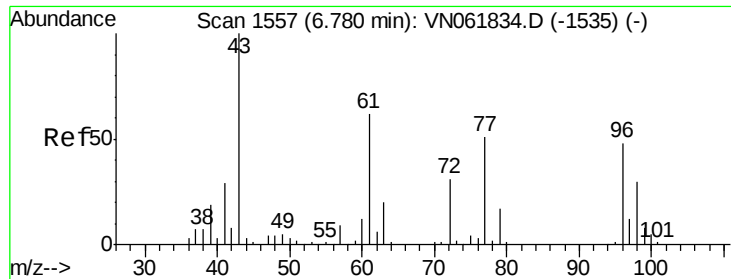
MMDadoda
6/18/2020 9:37:22 AM



#26
2,2-Dichloropropane
Concen: 42.584 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 77 Resp: 120938
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.017 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

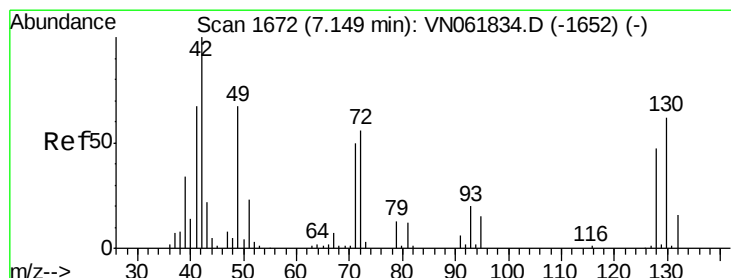
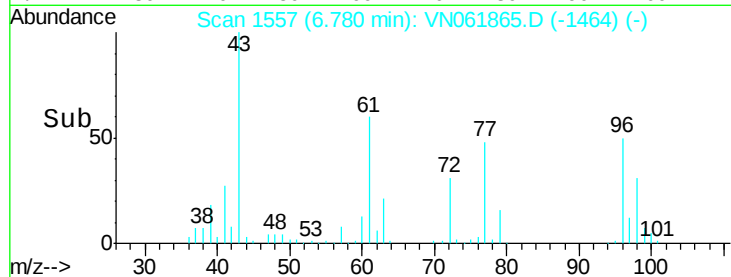
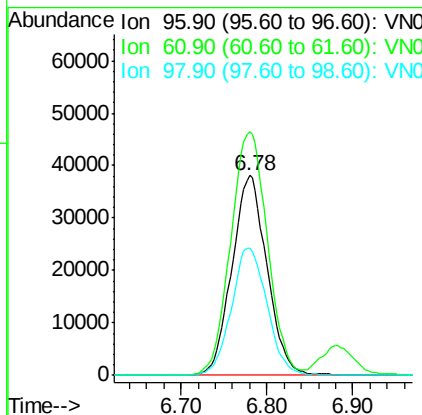
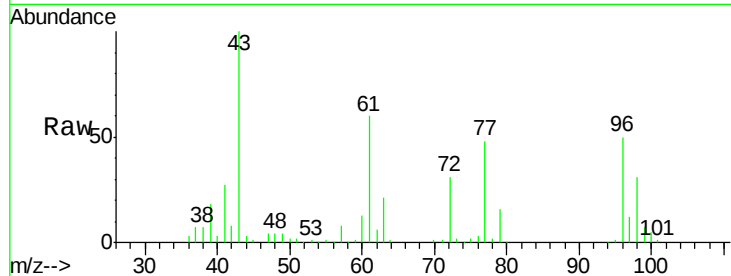
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	108111
Ion Ratio	Lower	Upper	
96	100		
61	127.4	0.0	265.6
98	64.6	0.0	128.2

Manual Integrations
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6/18/2020 9:37:22 AM



#28

Bromochloromethane

Concen: 50.016 ug/l

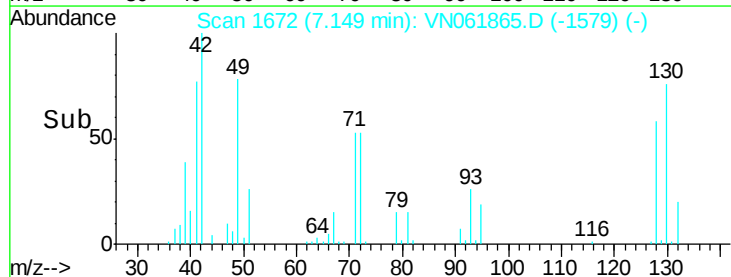
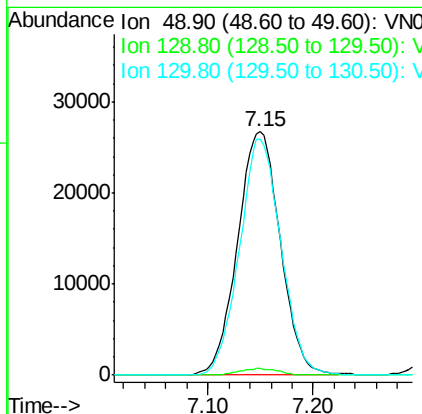
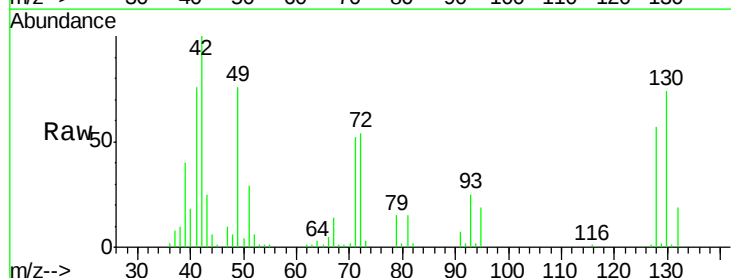
RT: 7.15 min Scan# 1672

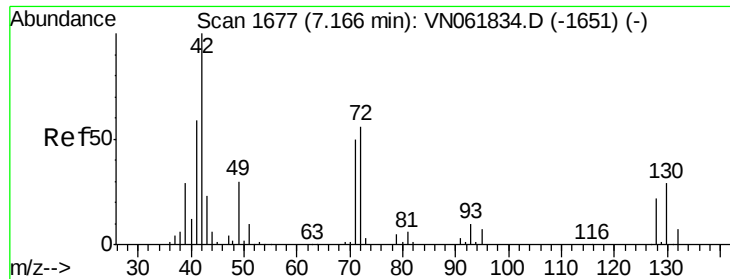
Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Tgt Ion:	49	Resp:	75174
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.0
130	94.2	72.2	108.2





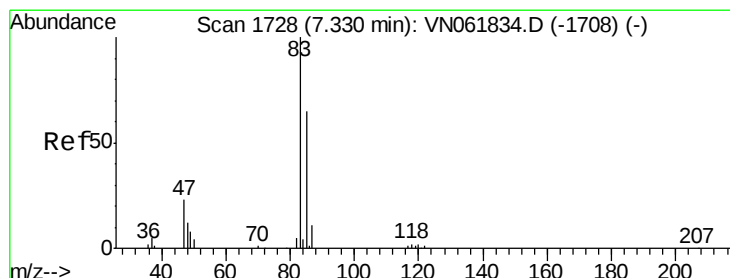
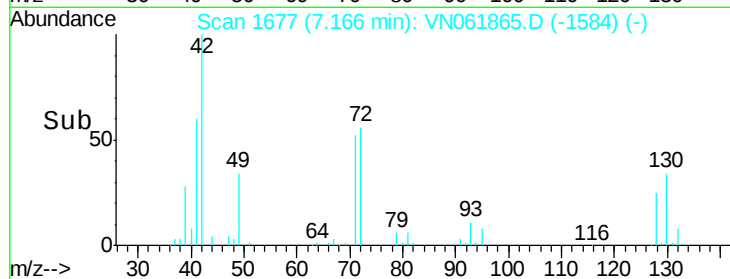
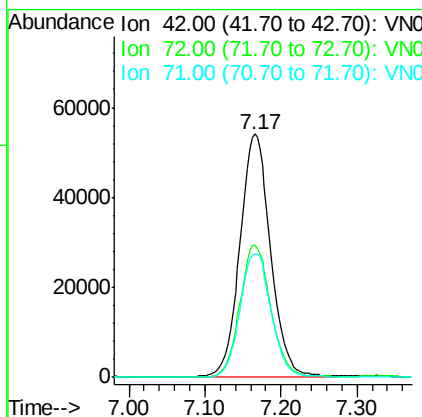
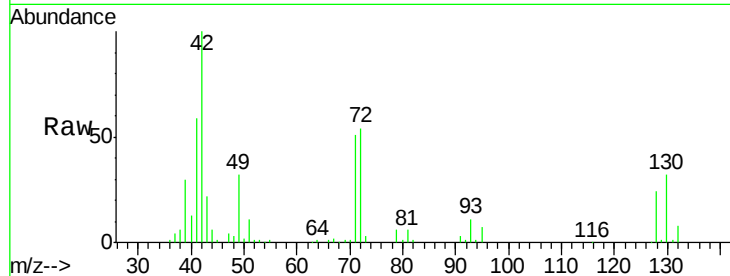
#29
Tetrahydrofuran
Concen: 238.976 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	151985		
72	54.7		44.0	66.0
71	51.5		40.0	60.0

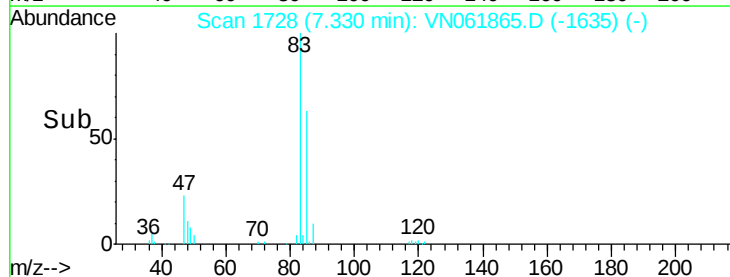
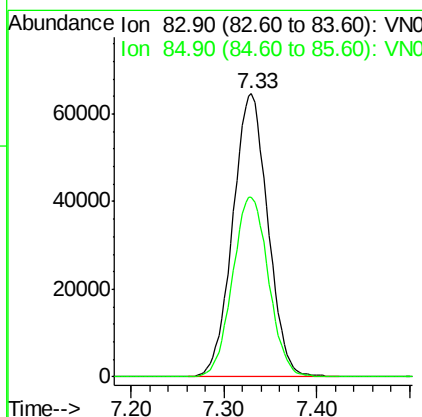
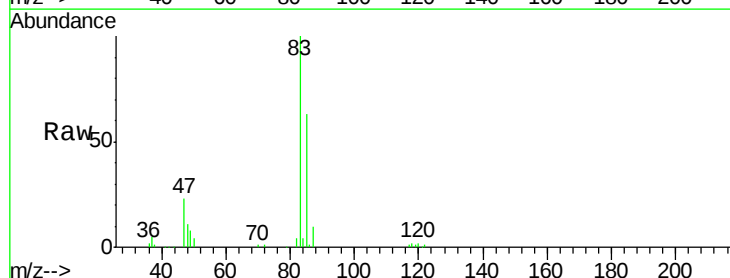
Manual Integrations
APPROVED

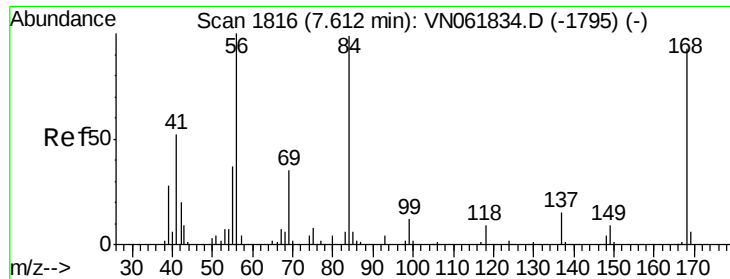
MMDadoda
6/18/2020 9:37:22 AM



#30
Chloroform
Concen: 47.059 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	169770		
85	63.4		52.0	78.0





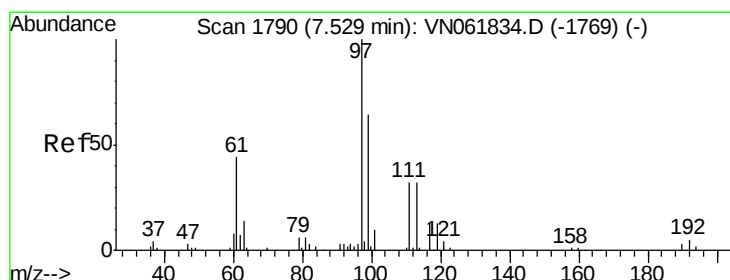
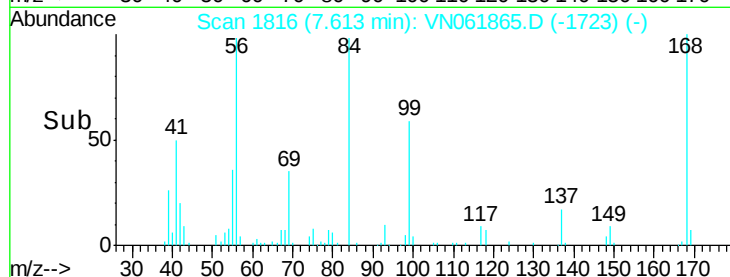
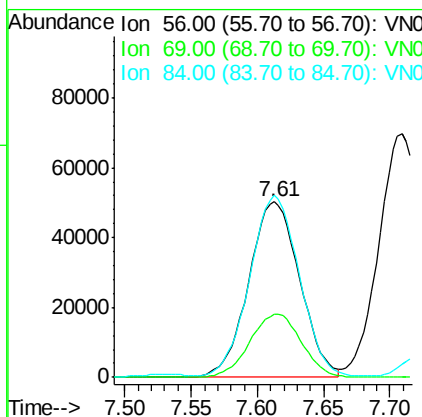
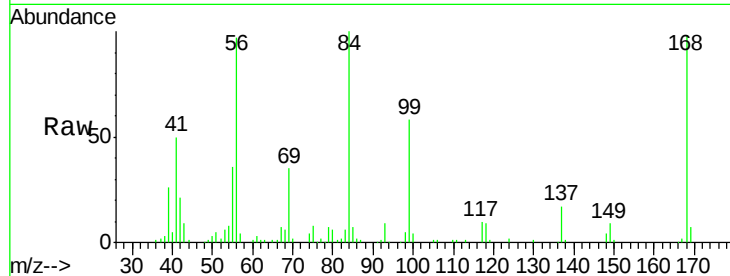
#31
Cyclohexane
Concen: 45.497 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.7	41.5
84	102.3	79.1	118.7

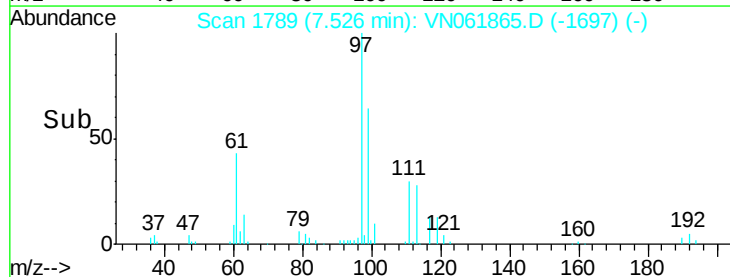
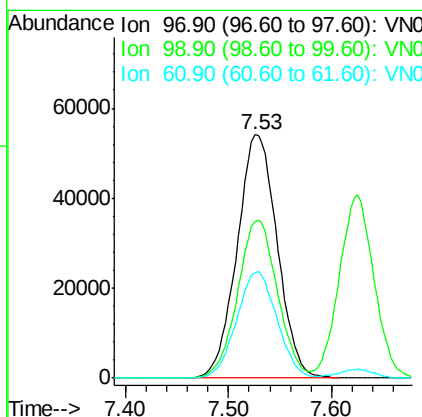
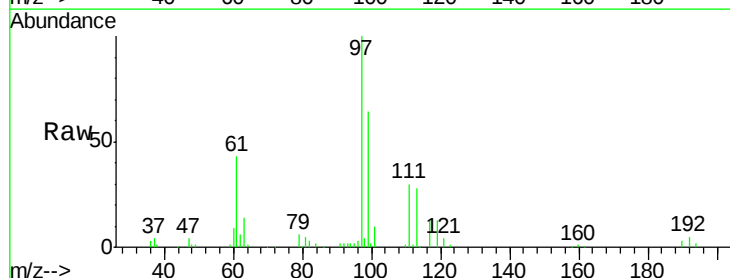
Manual Integrations
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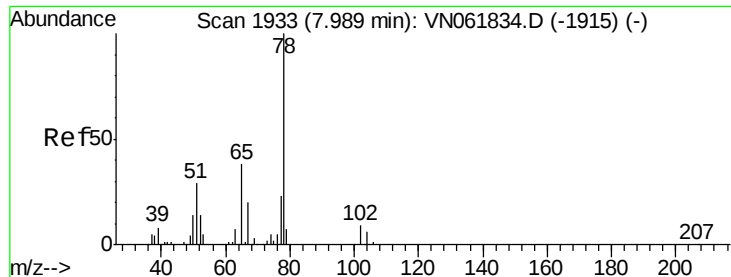
MMDadoda
6/18/2020 9:37:22 AM



#32
1,1,1-Trichloroethane
Concen: 47.664 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	44.0	35.1	52.7





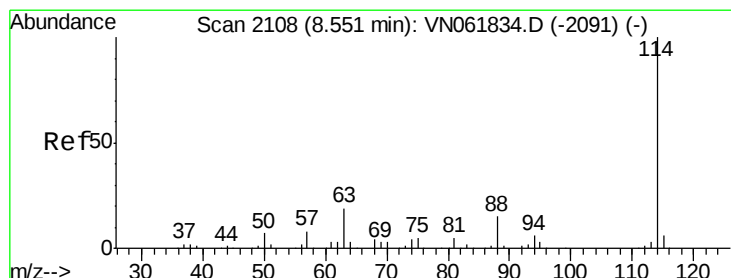
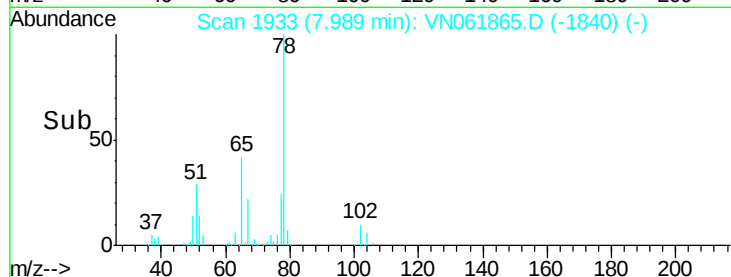
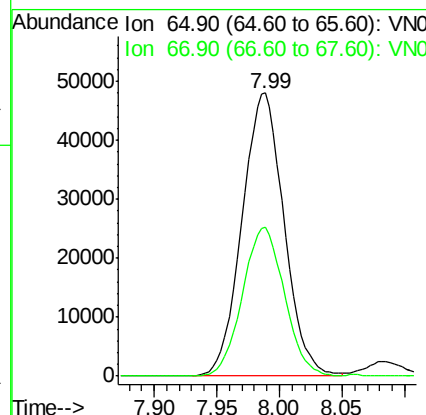
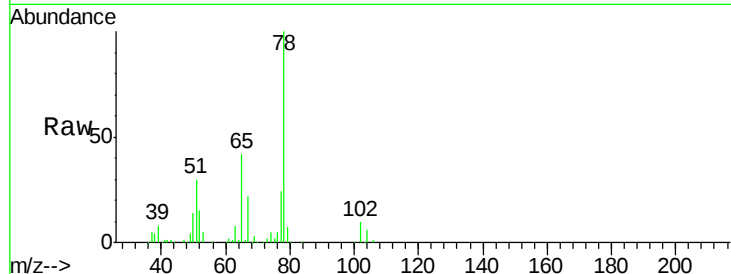
#33
 1,2-Dichloroethane-d4
 Concen: 49.836 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111752		
67	52.5	0.0	106.2	

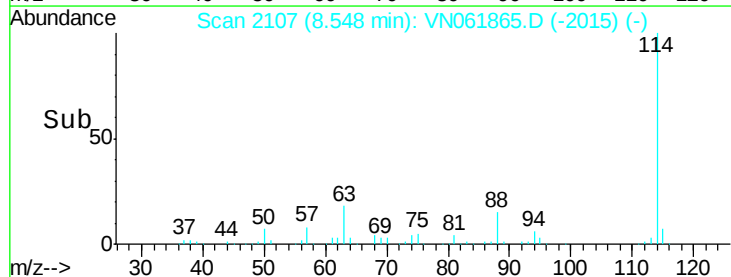
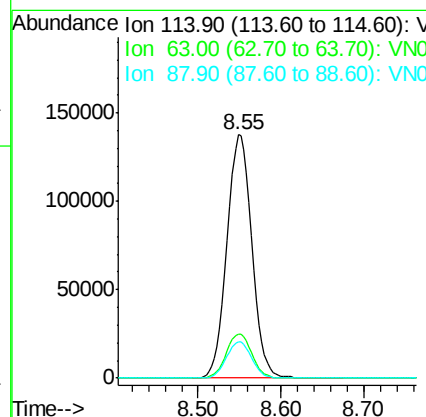
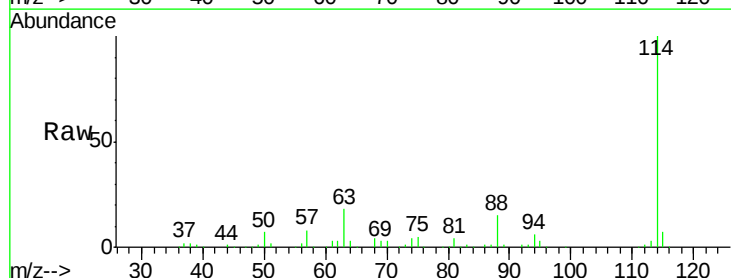
Manual Integrations
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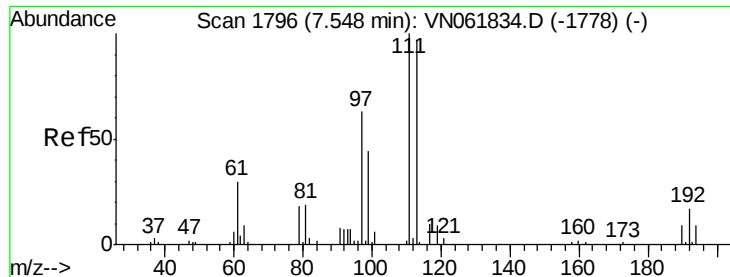
MMDadoda
 6/18/2020 9:37:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	287029		
63	18.2	0.0	37.6	
88	14.8	0.0	31.0	





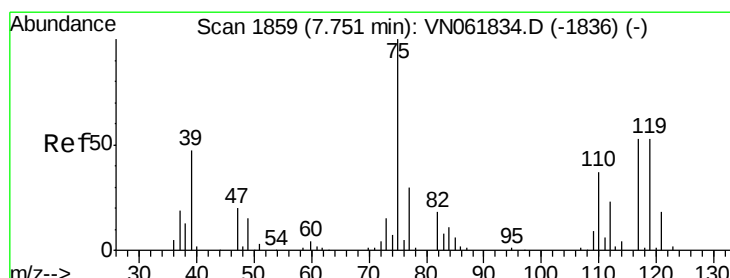
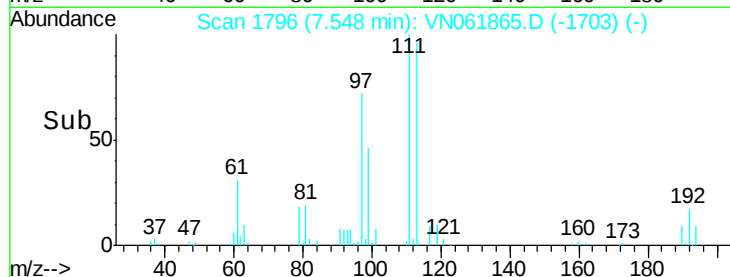
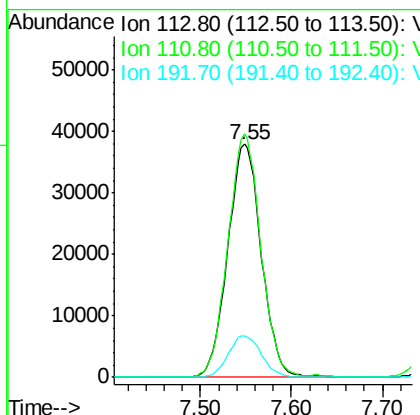
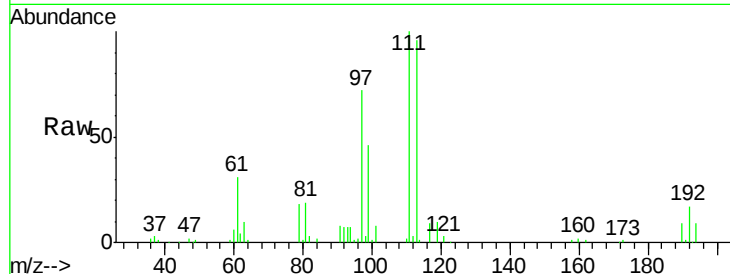
#35
Dibromofluoromethane
Concen: 52.747 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	83.7	125.5	
192	17.6	13.9	20.9	

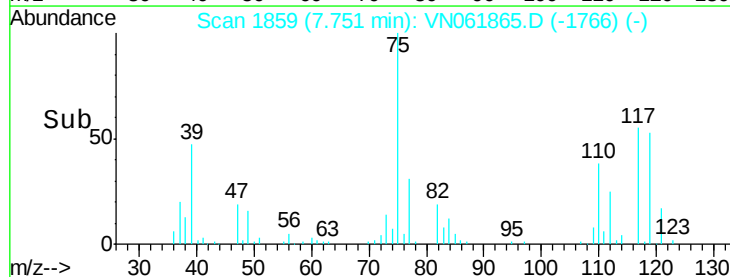
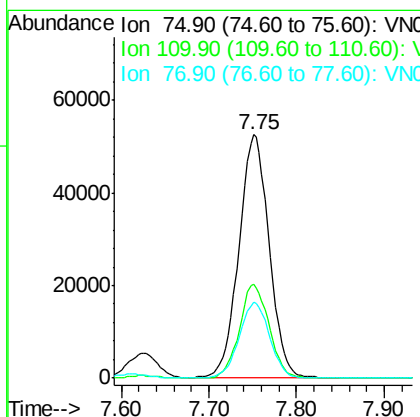
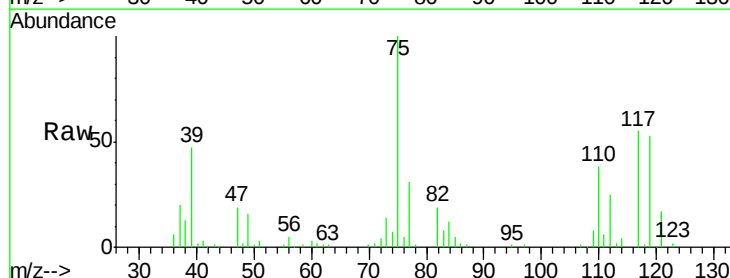
Manual Integrations
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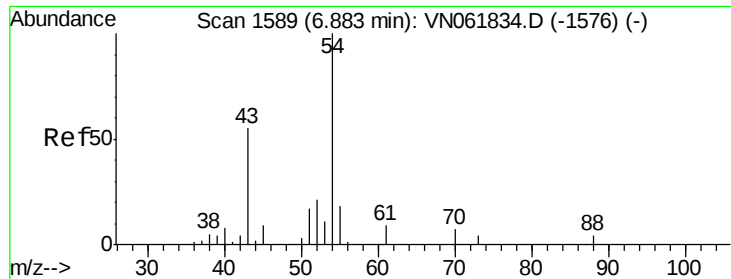
MMDadoda
6/18/2020 9:37:22 AM



#36
1,1-Dichloropropene
Concen: 48.311 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.4	18.2	54.6	
77	31.2	24.2	36.4	





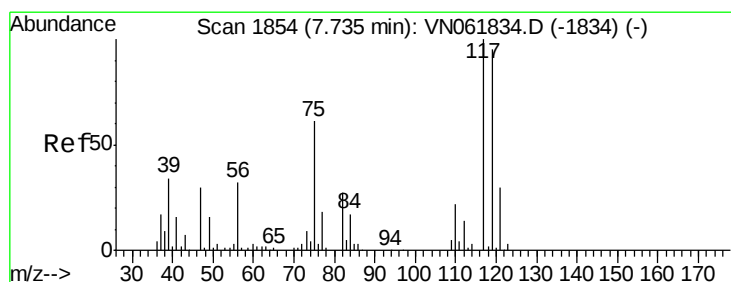
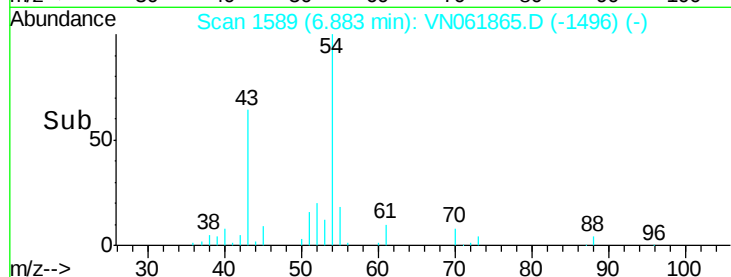
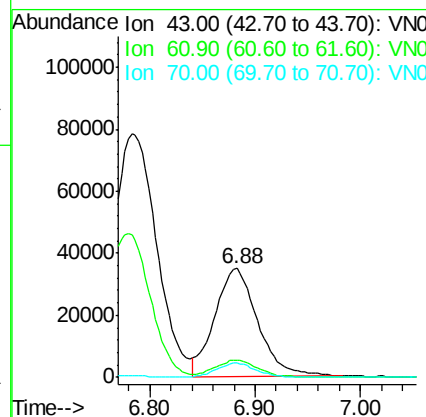
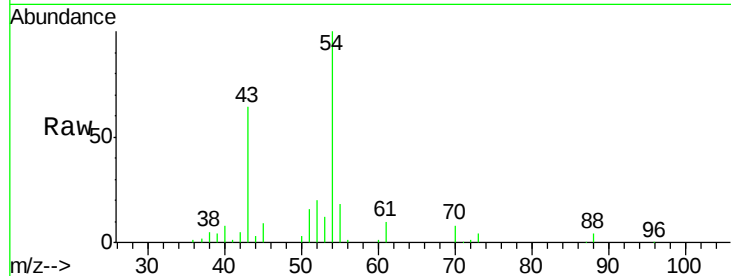
#37
Ethyl Acetate
Concen: 48.080 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.0	19.4
70	12.3	9.4	14.2

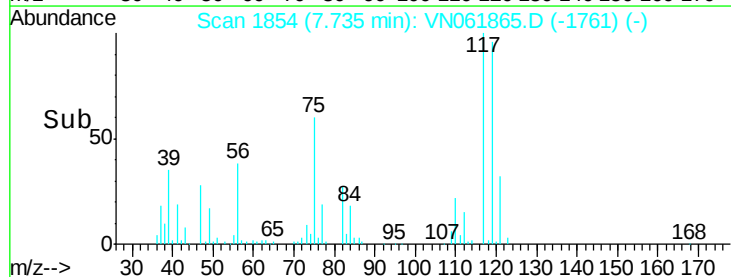
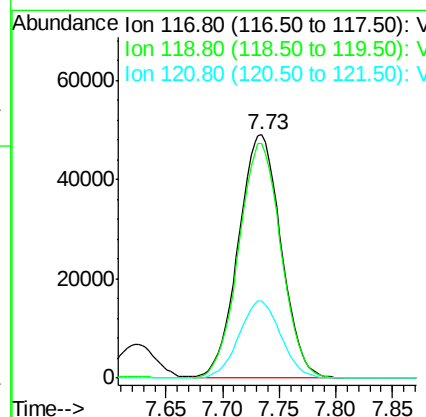
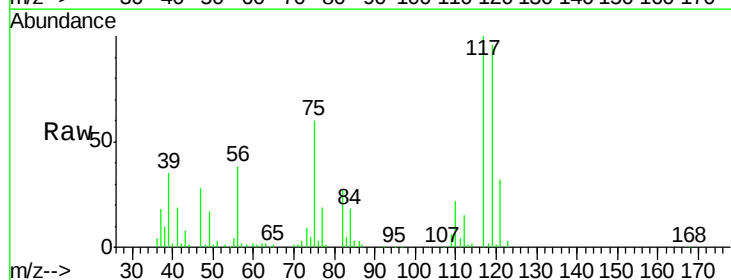
Manual Integrations
APPROVED

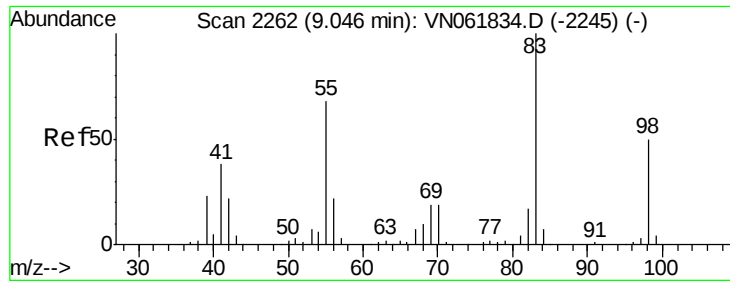
MMDadoda
6/18/2020 9:37:22 AM



#38
Carbon Tetrachloride
Concen: 49.650 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.6
121	31.6	23.8	35.6





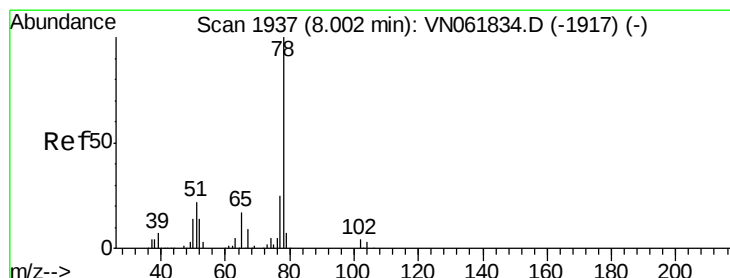
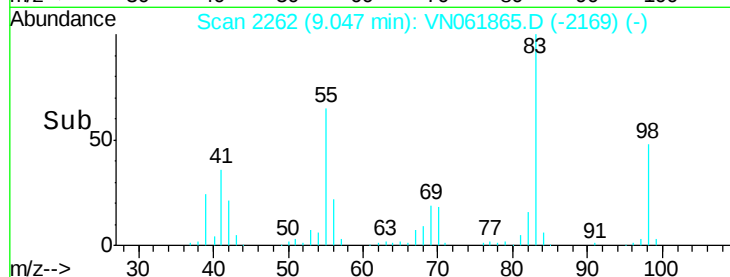
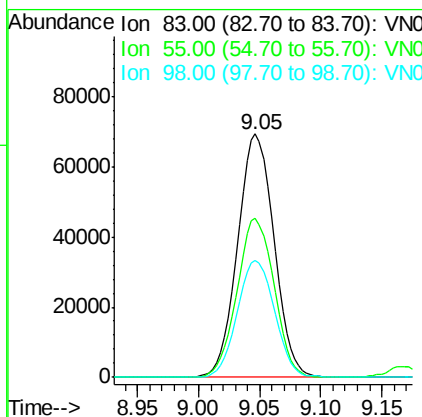
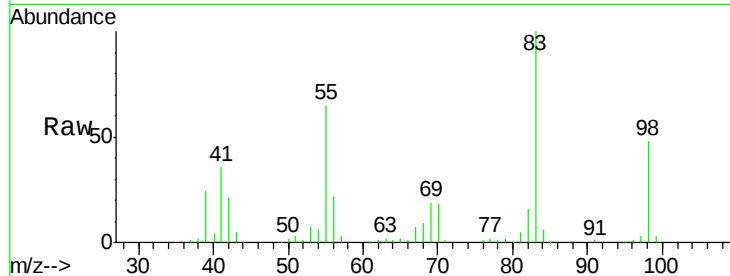
#39
Methvlcvclohexane
Concen: 50.908 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	143513		
55	65.1		54.2	81.4
98	48.2		39.8	59.6

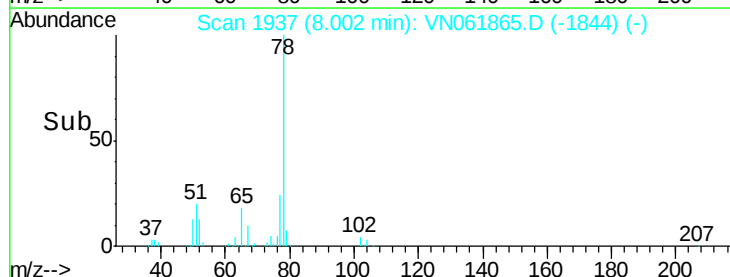
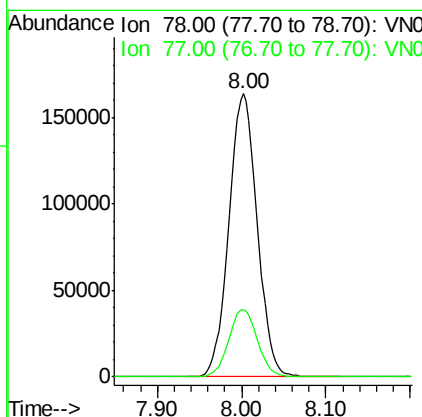
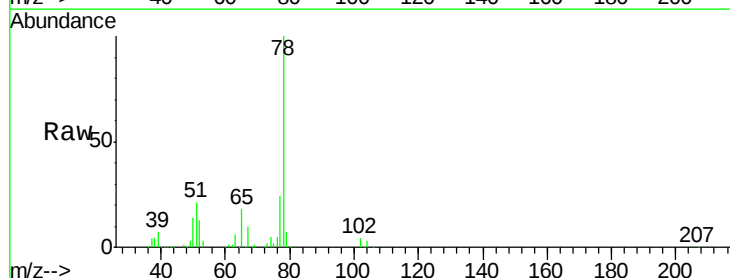
Manual Integrations
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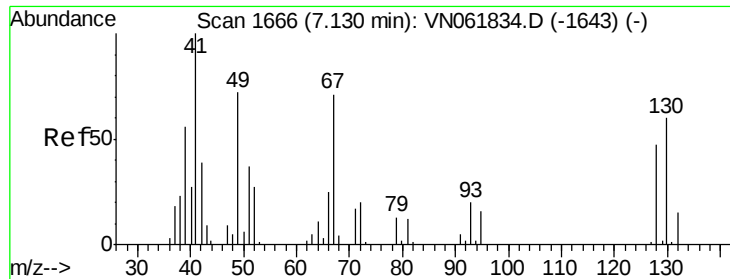
MMDadoda
6/18/2020 9:37:22 AM



#40
Benzene
Concen: 48.159 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	381931		
77	23.9		19.7	29.5





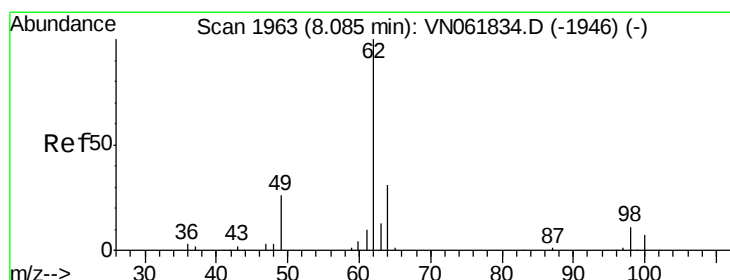
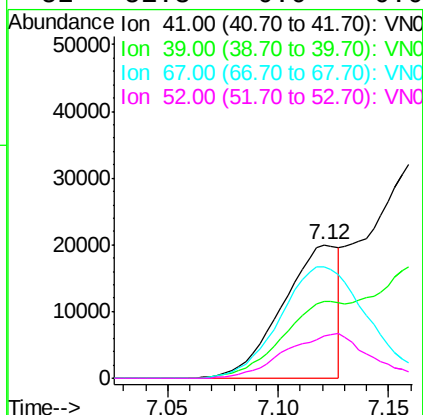
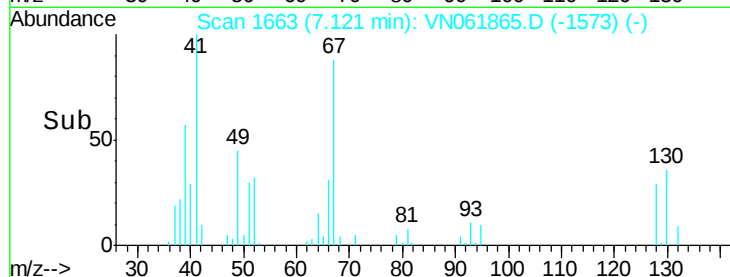
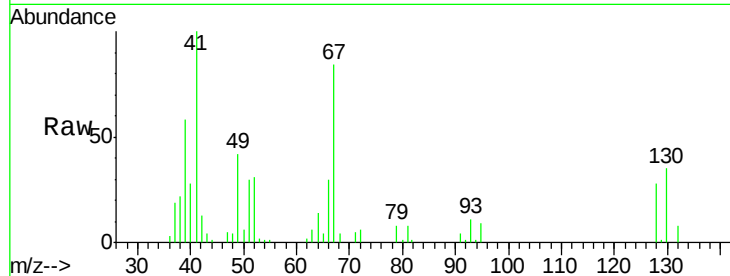
#41
Methacrylonitrile
Concen: 40.307 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.5	0.0	0.0#
67	131.4	0.0	0.0#
52	51.3	0.0	0.0#

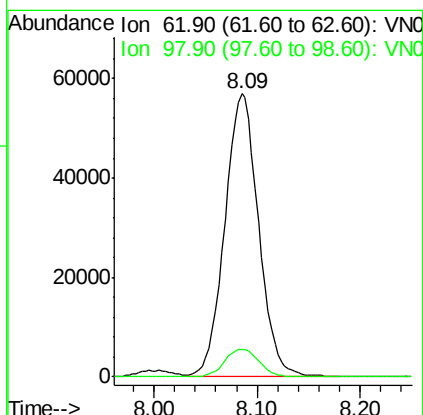
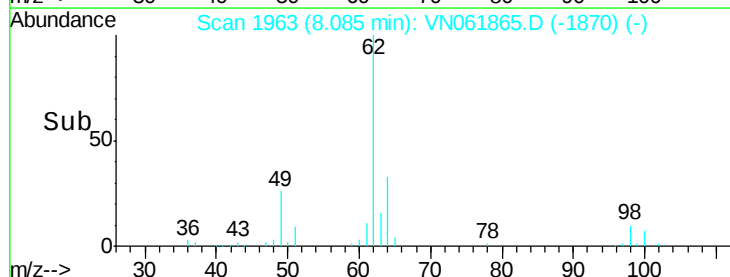
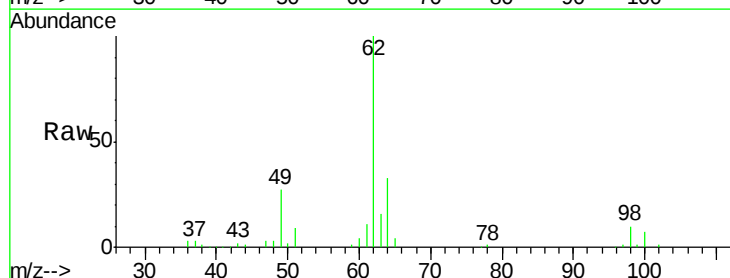
Manual Integrations
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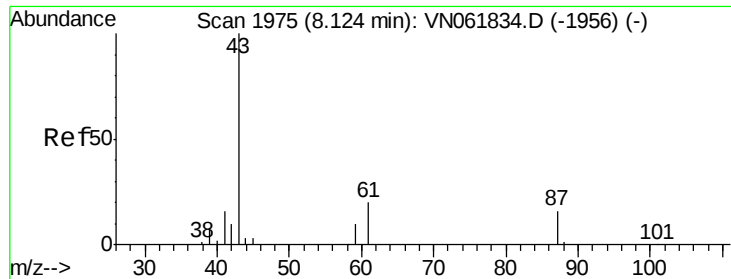
MMDadoda
6/18/2020 9:37:22 AM



#42
1,2-Dichloroethane
Concen: 48.082 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





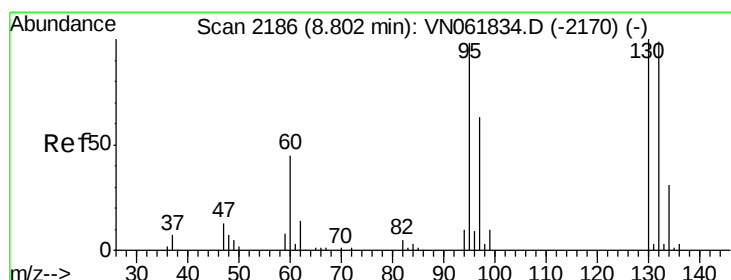
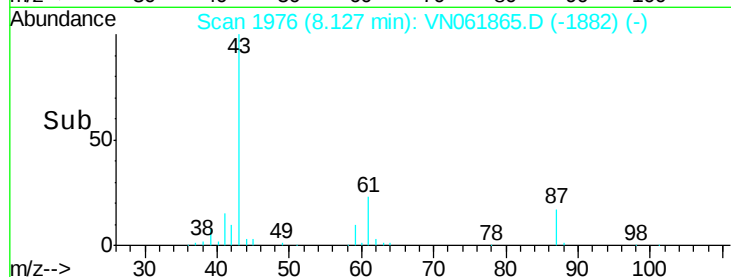
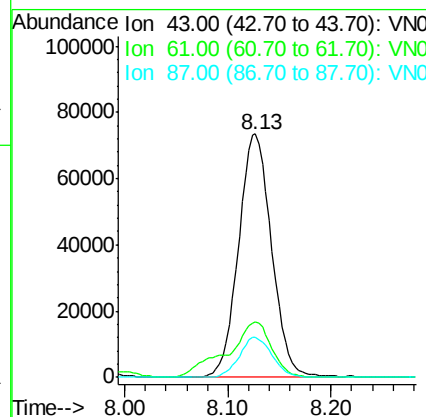
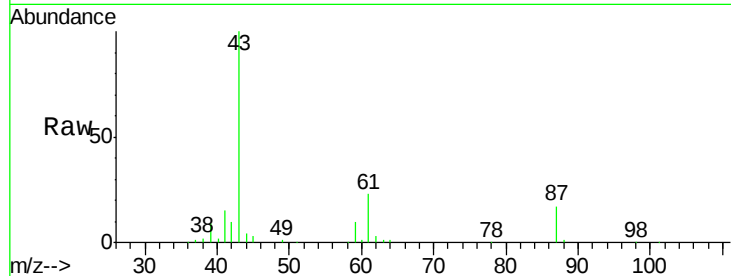
#43
Isopropyl Acetate
Concen: 47.561 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	163864
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.0	36.0
87	16.3	12.5	18.7

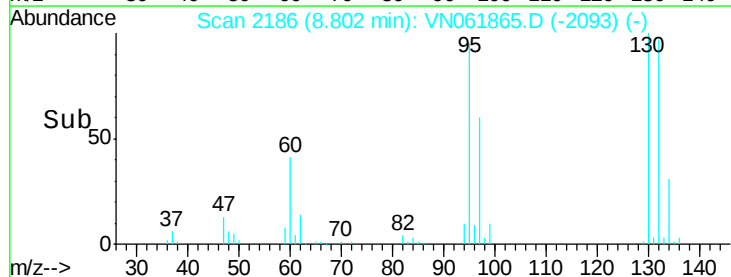
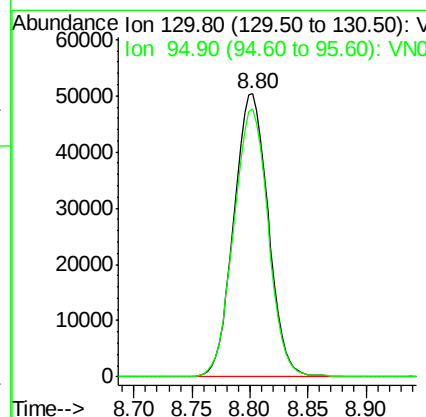
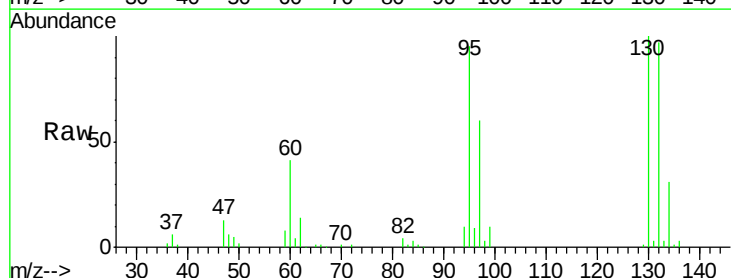
Manual Integrations
APPROVED

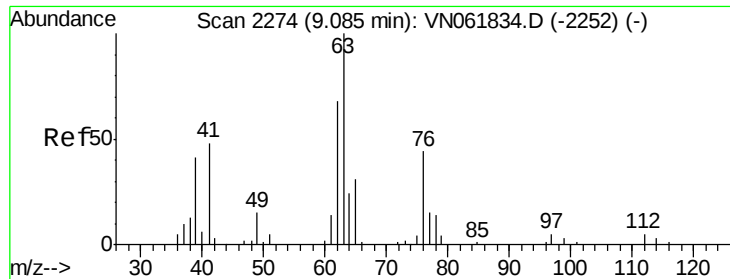
MMDadoda
6/18/2020 9:37:22 AM



#44
Trichloroethene
Concen: 49.623 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion:	130	Resp:	103569
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	195.6





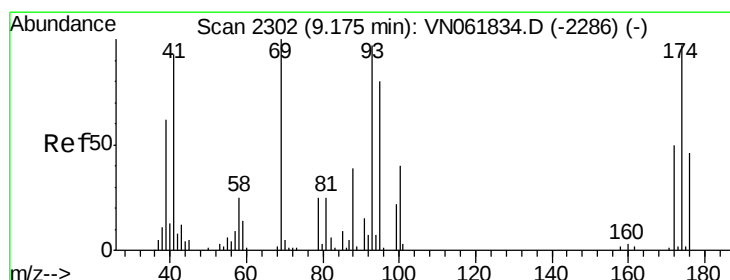
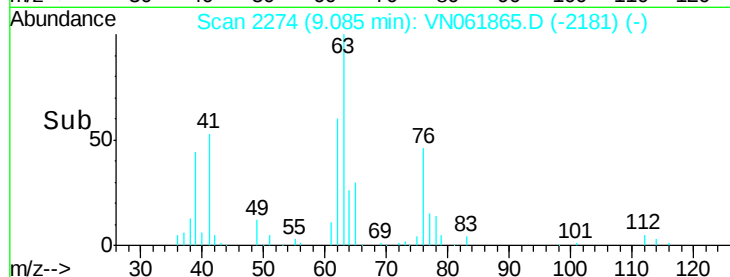
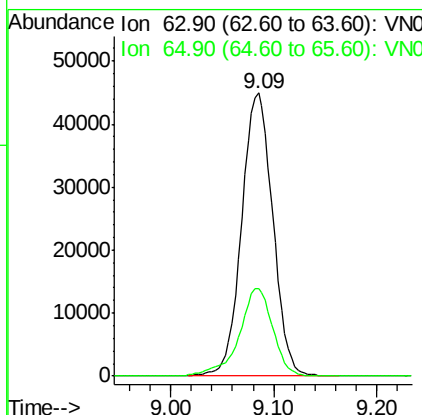
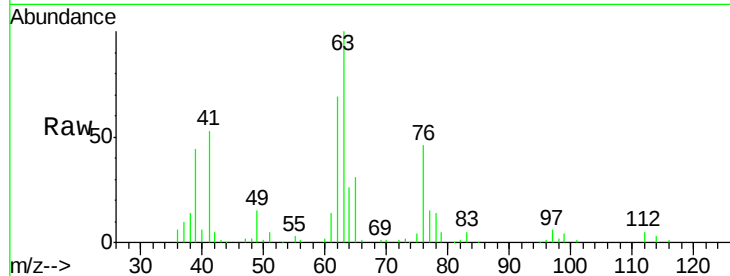
#45
 1,2-Dichloropropane
 Concen: 48.361 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 94253
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7

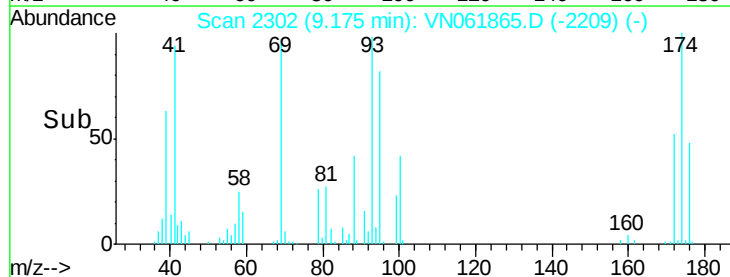
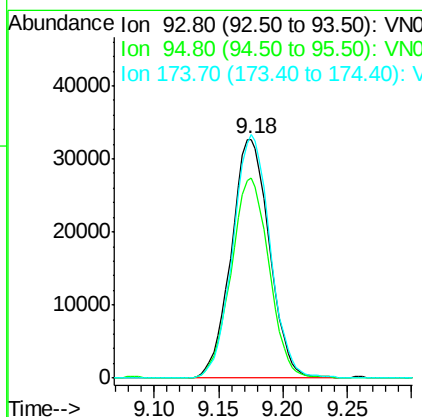
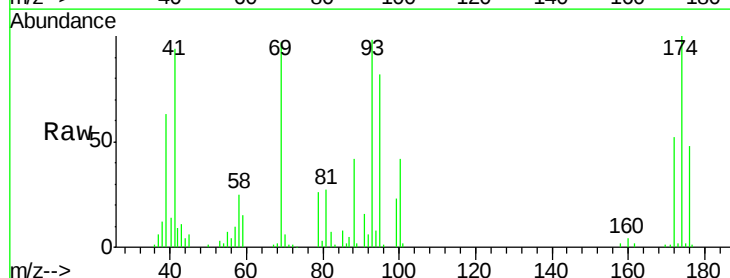
Manual Integrations
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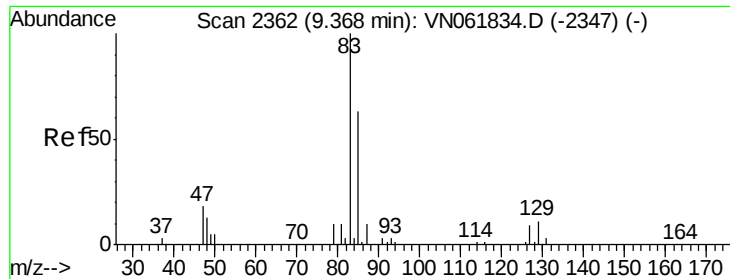
MMDadoda
 6/18/2020 9:37:22 AM



#46
 Dibromomethane
 Concen: 49.075 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion: 93 Resp: 67352
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.6
 174 99.4 78.5 117.7





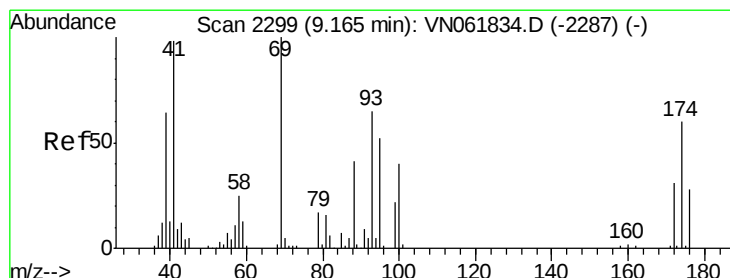
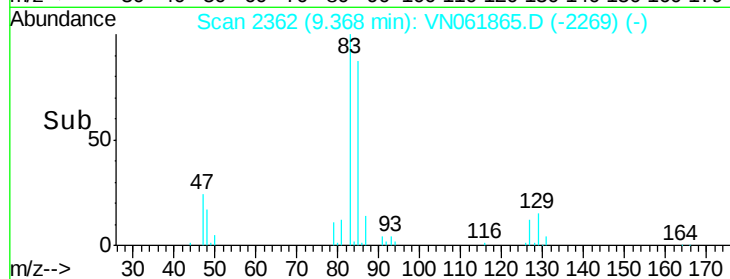
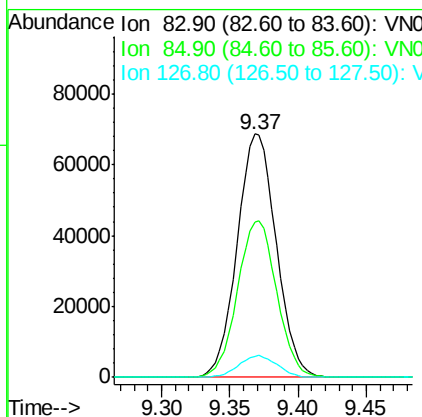
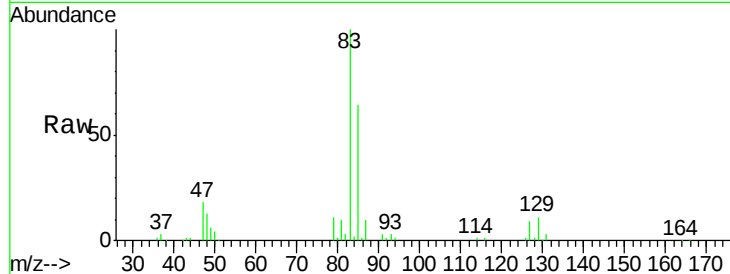
#47
Bromodichloromethane
Concen: 48.586 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	136539
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	50.8	76.2
127	8.8	7.0	10.4

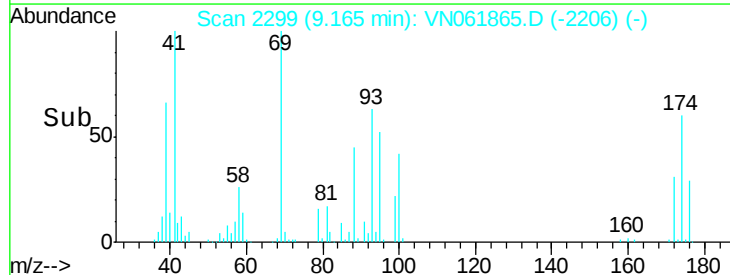
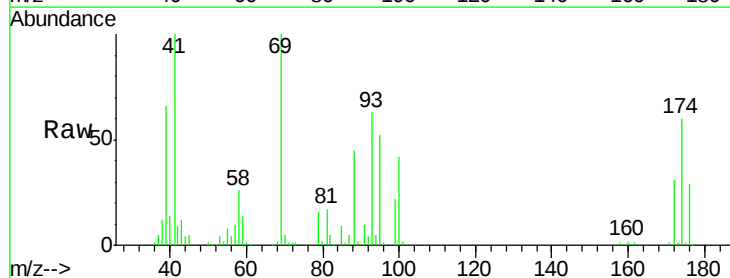
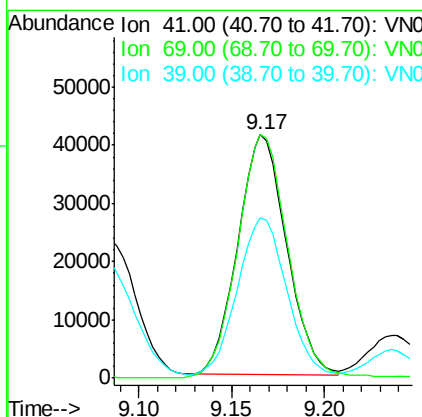
Manual Integrations
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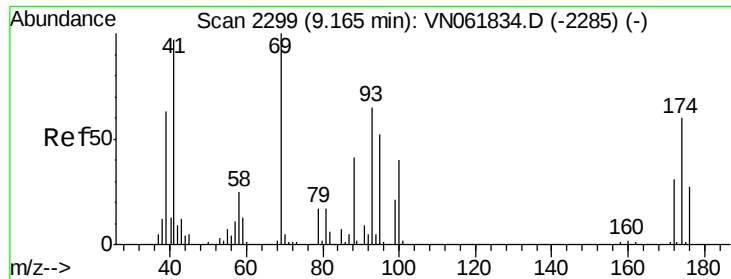
MMDadoda
6/18/2020 9:37:22 AM



#48
Methyl methacrylate
Concen: 47.920 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	41	Resp	75082
Ion Ratio	100	Lower	Upper
41	100		
69	105.3	83.0	124.4
39	69.2	55.1	82.7





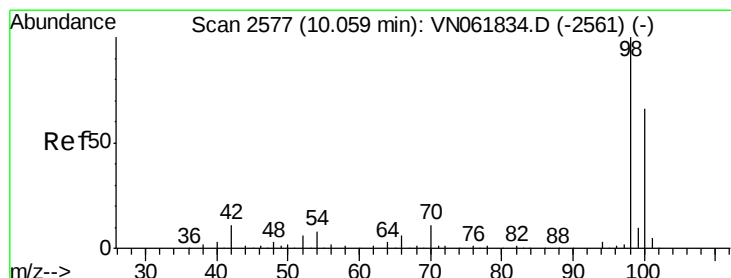
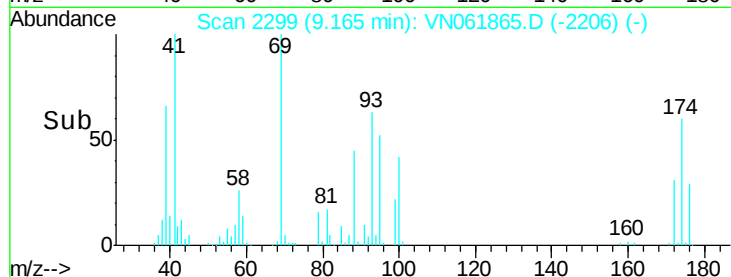
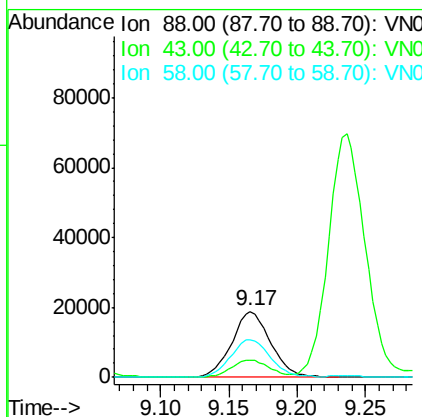
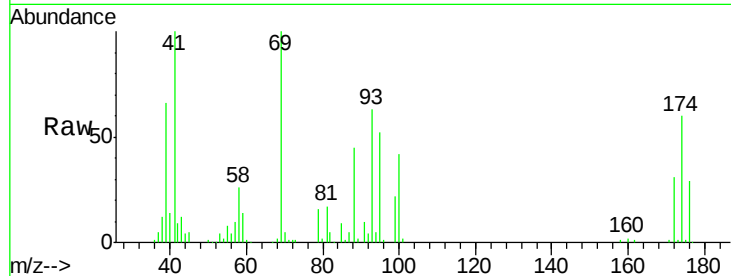
#49
1,4-Dioxane
Concen: 1034.217 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.9	23.4	35.2
58	58.7	49.8	74.6

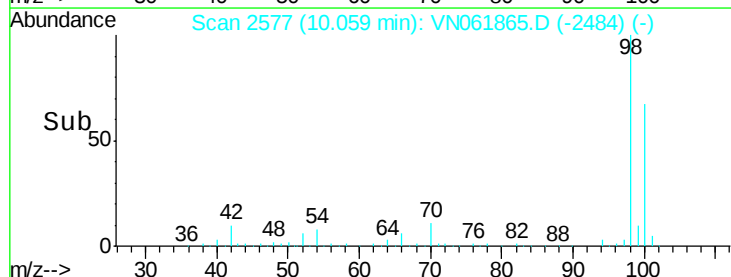
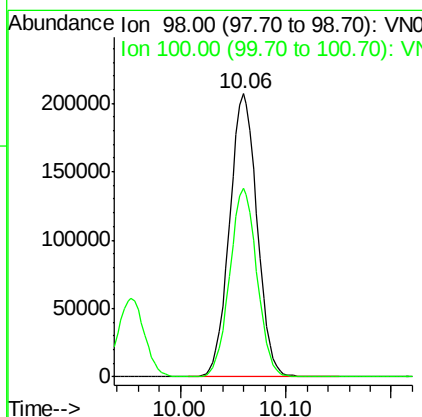
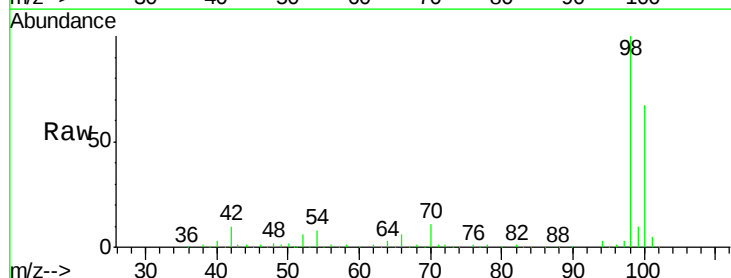
Manual Integrations
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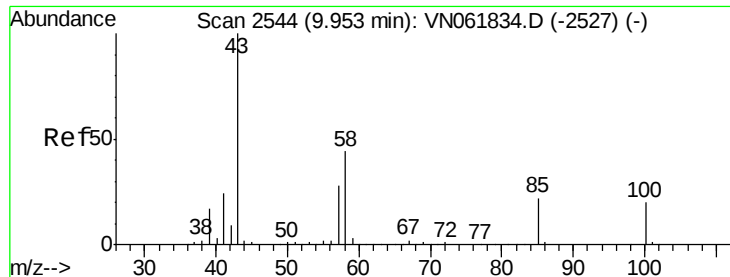
MMDadoda
6/18/2020 9:37:22 AM



#50
Toluene-d8
Concen: 51.664 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1





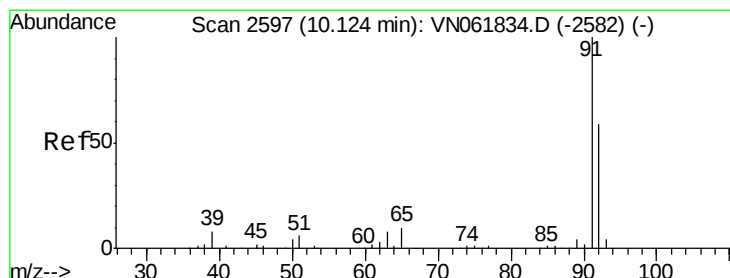
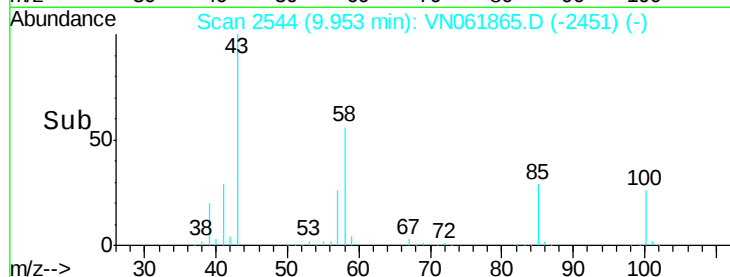
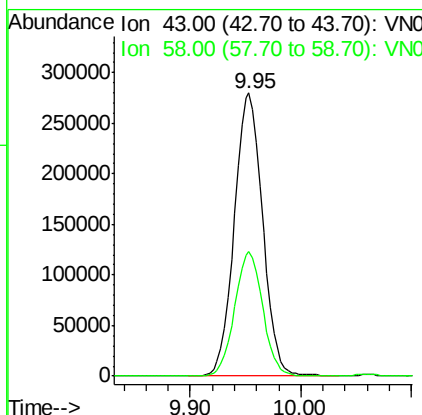
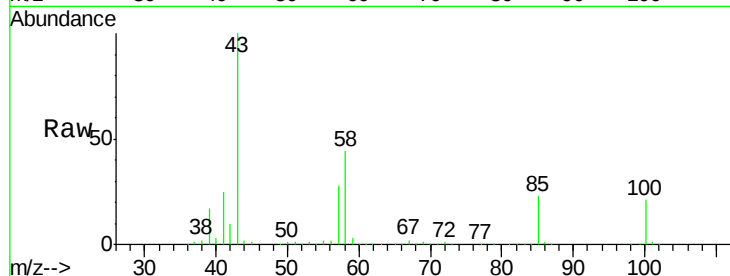
#51
4-Methyl-2-Pentanone
Concen: 244.601 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 498000
Ion Ratio Lower Upper
43 100
58 43.5 34.6 52.0

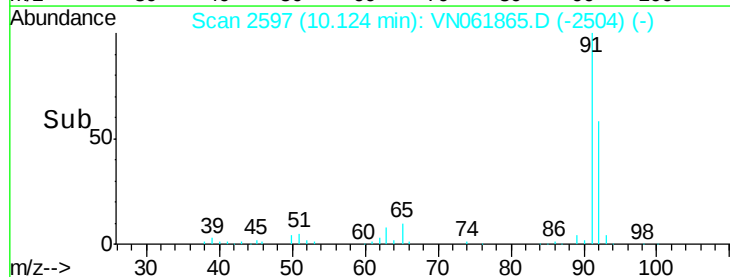
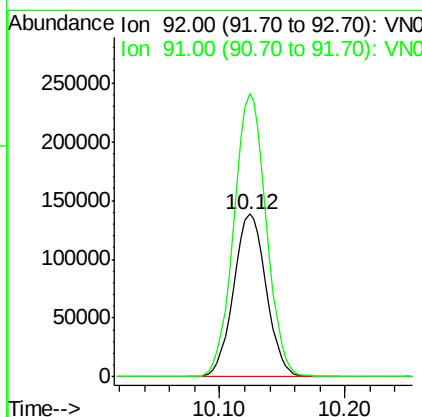
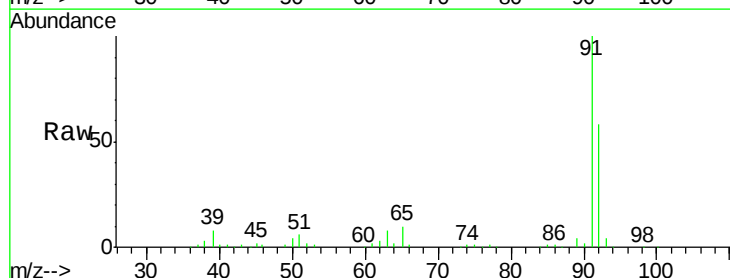
Manual Integrations
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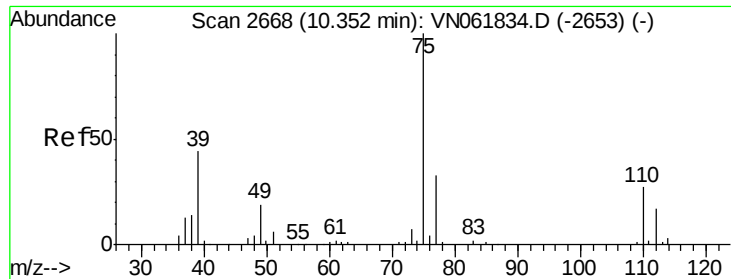
MMDadoda
6/18/2020 9:37:22 AM



#52
Toluene
Concen: 50.339 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 92 Resp: 250720
Ion Ratio Lower Upper
92 100
91 172.6 137.1 205.7





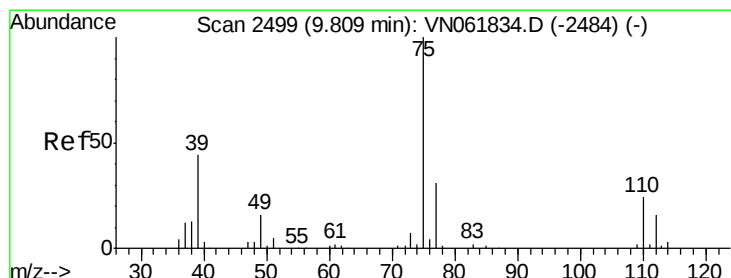
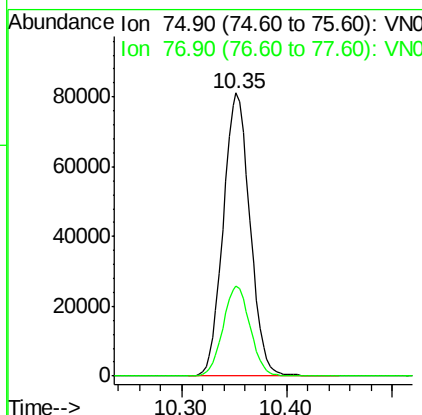
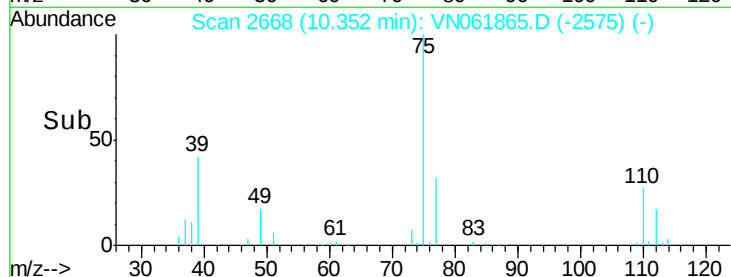
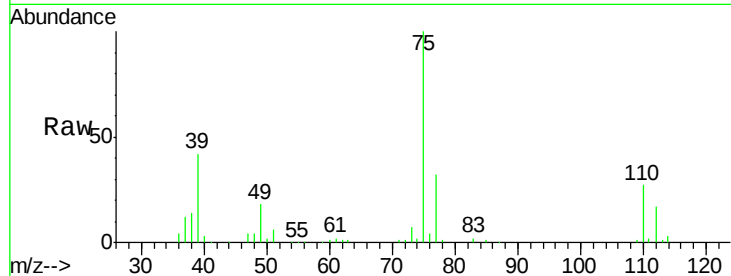
#53
t-1,3-Dichloropropene
Concen: 47.762 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5

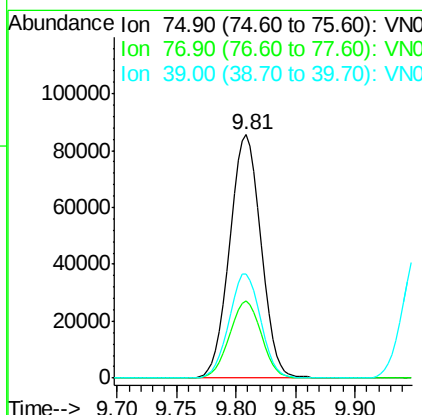
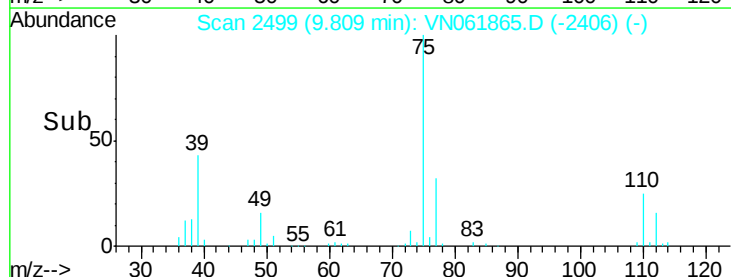
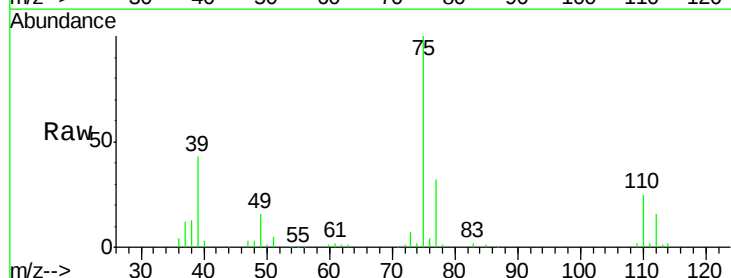
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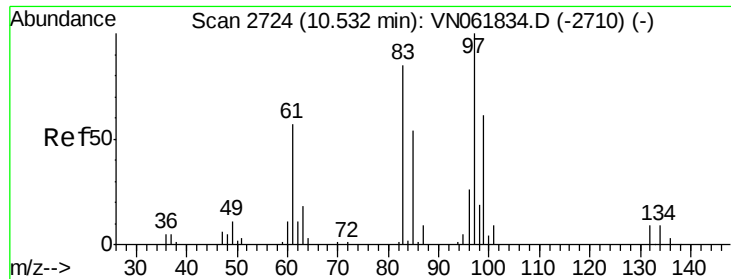
MMDadoda
6/18/2020 9:37:22 AM



#54
cis-1,3-Dichloropropene
Concen: 48.494 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	42.7	35.4	53.0





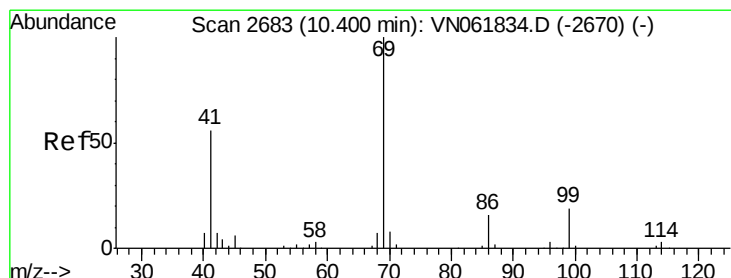
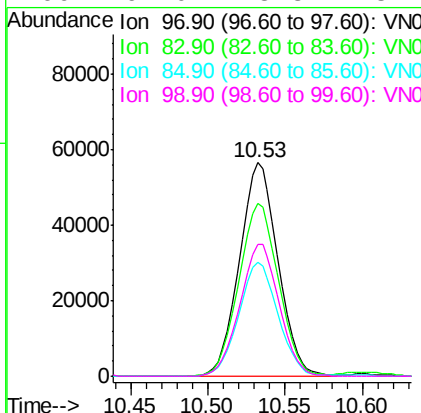
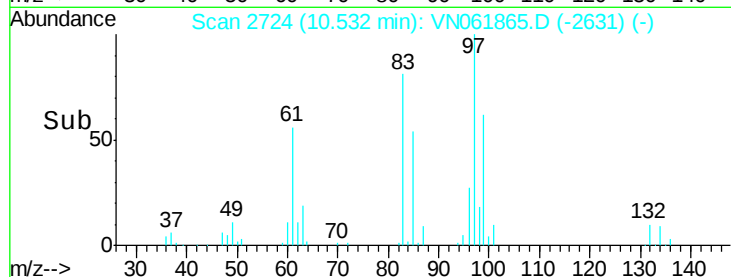
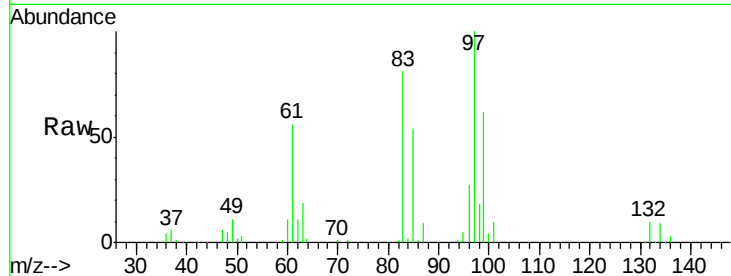
#55
1,1,2-Trichloroethane
Concen: 49.987 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	97957
Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.7	101.5
85	53.6	43.4	65.0
99	62.0	48.8	73.2

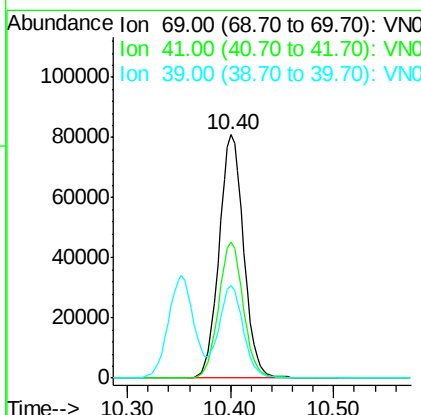
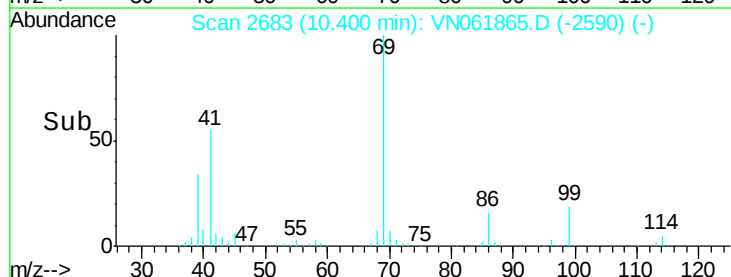
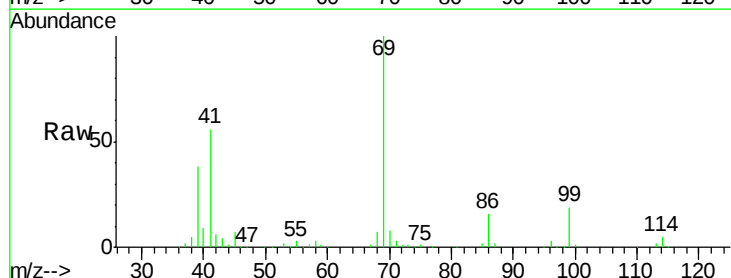
Manual Integrations
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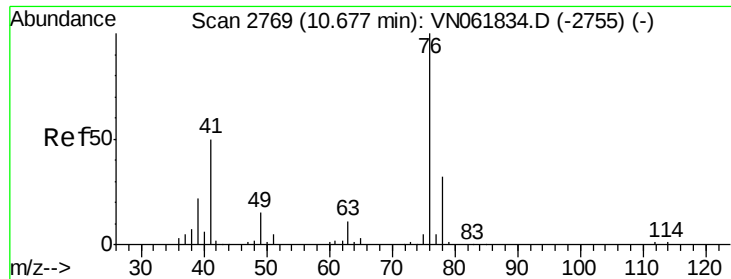
MMDadoda
6/18/2020 9:37:22 AM



#56
Ethyl methacrylate
Concen: 45.101 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion:	69	Resp:	134098
Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.9	67.3
39	36.7	30.0	45.0





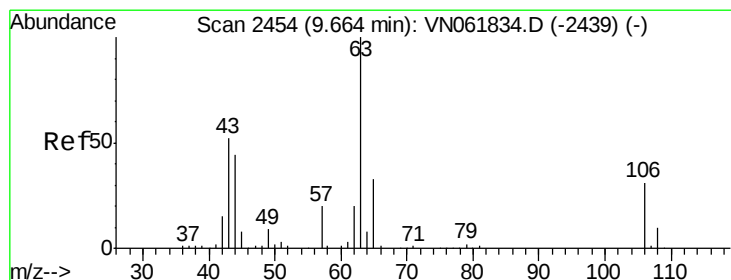
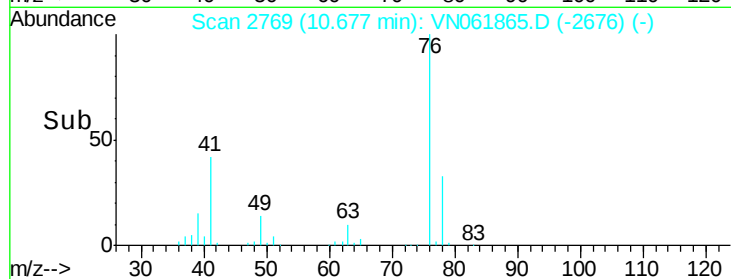
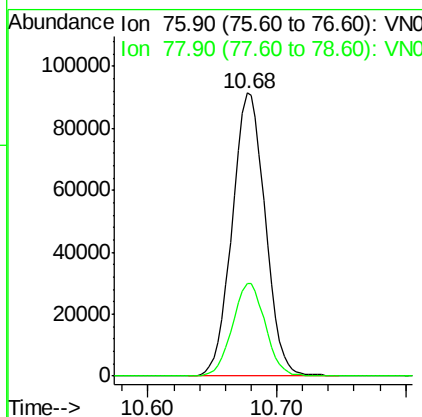
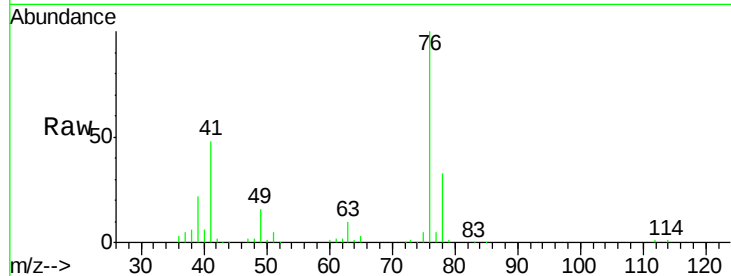
#57
 1,3-Dichloropropane
 Concen: 49.052 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 162848
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

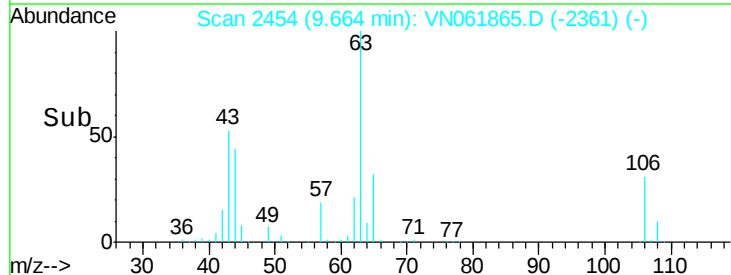
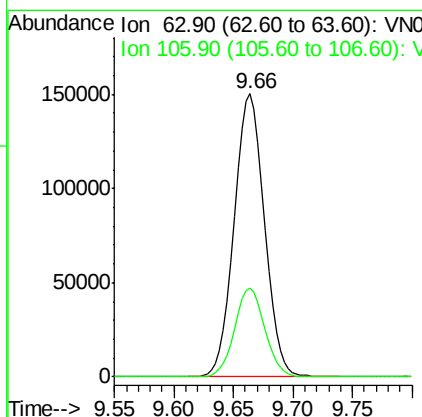
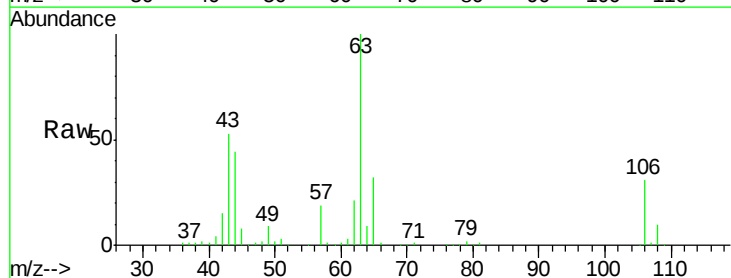
Manual Integrations
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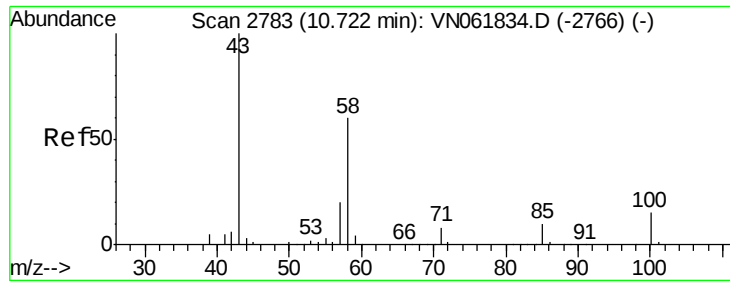
MMDadoda
 6/18/2020 9:37:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.888 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion: 63 Resp: 265680
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.6 36.8





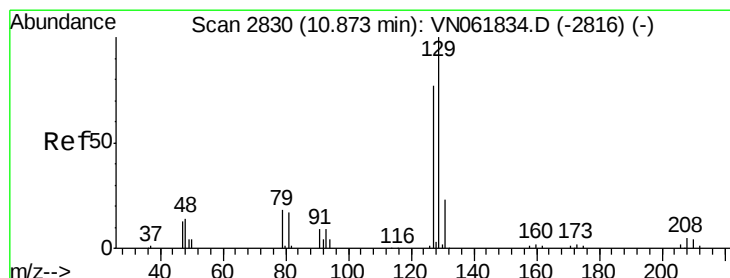
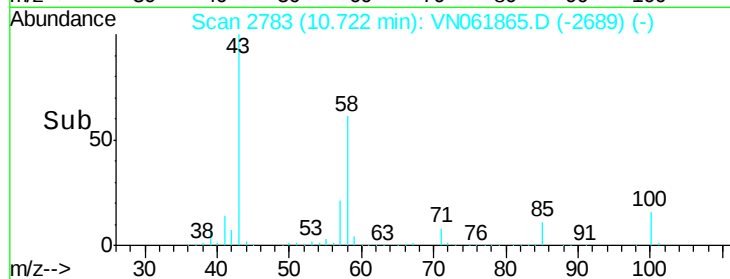
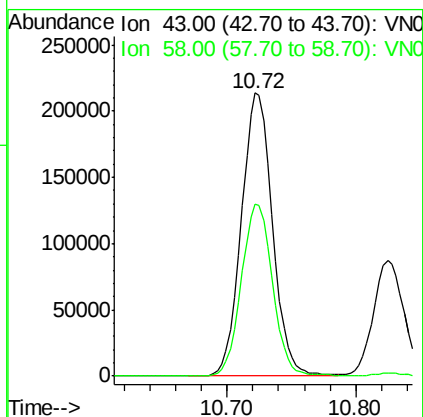
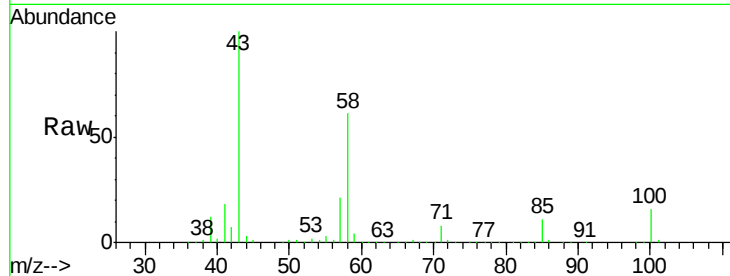
#59
2-Hexanone
Concen: 222.110 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	61.0		30.1	90.5	

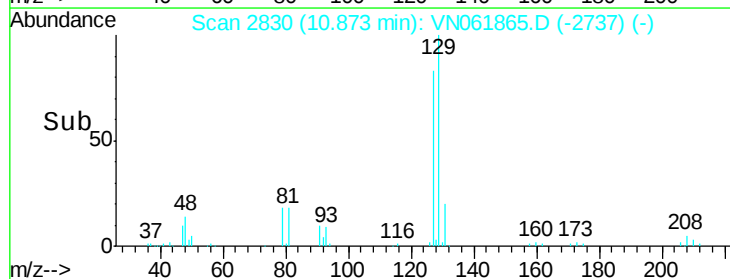
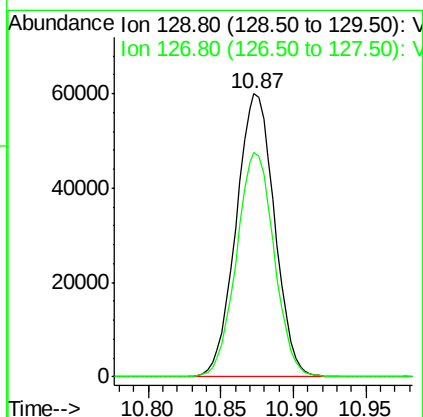
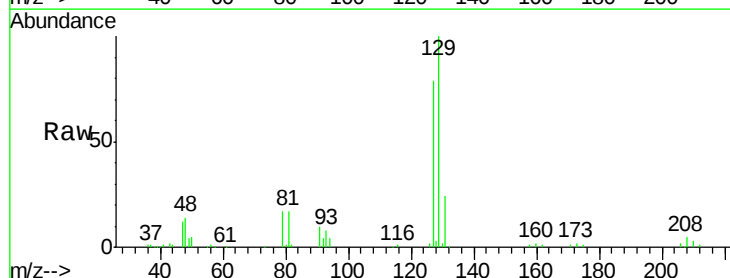
Manual Integrations
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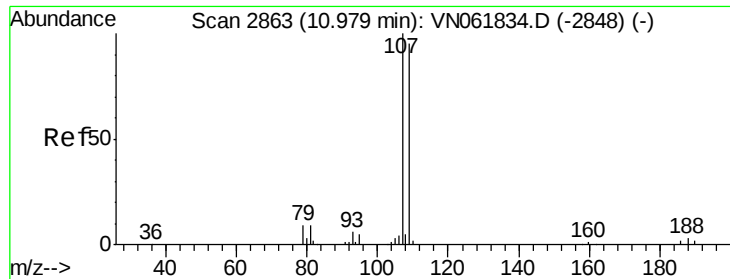
MMDadoda
6/18/2020 9:37:22 AM



#60
Dibromochloromethane
Concen: 50.471 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127	77.7		38.5	115.5	





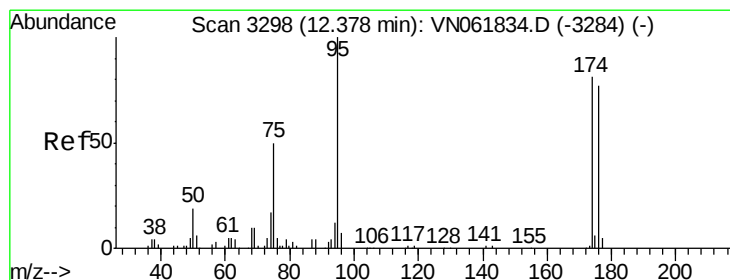
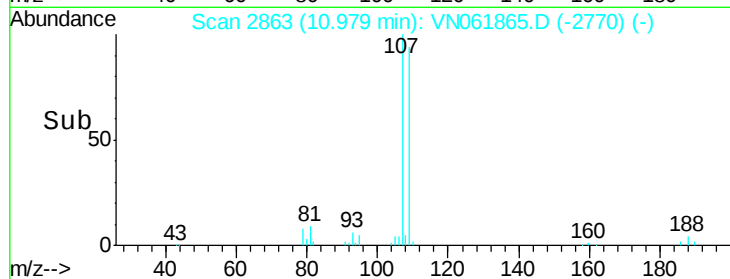
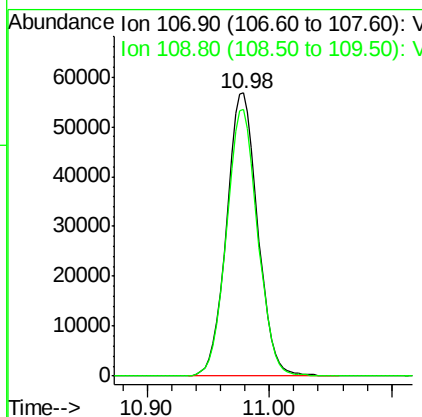
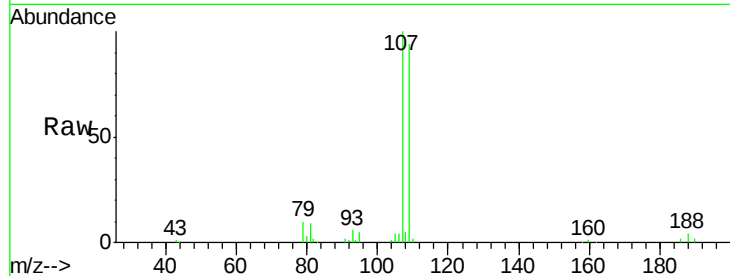
#61
 1,2-Dibromoethane
 Concen: 49.419 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

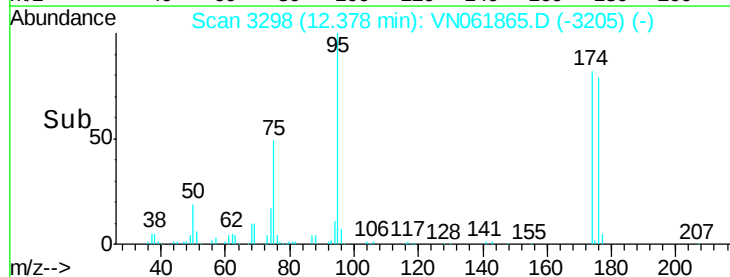
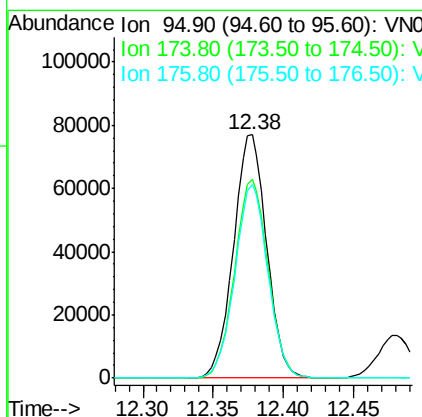
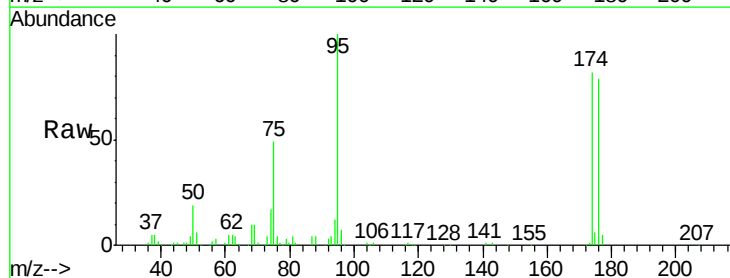
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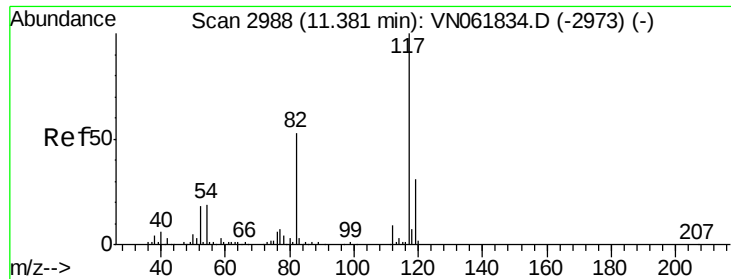
MMDadoda
 6/18/2020 9:37:22 AM



#62
 4-Bromofluorobenzene
 Concen: 51.250 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	158.6
176	79.3	0.0	152.0





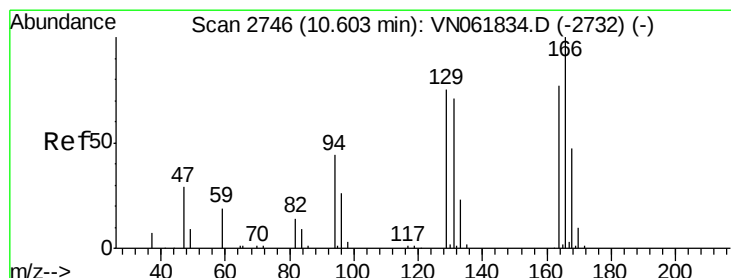
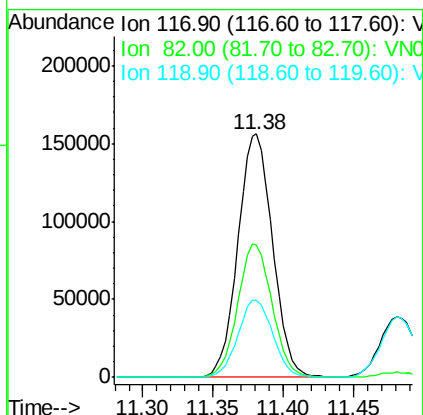
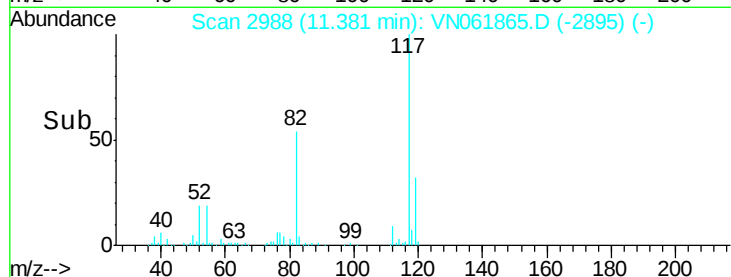
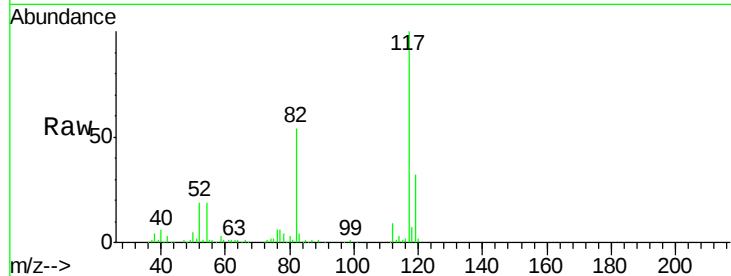
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.6	64.0
119	31.9	24.7	37.1

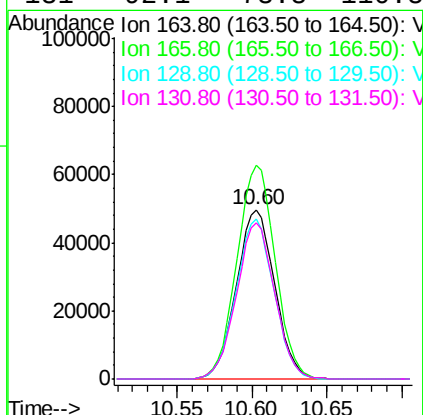
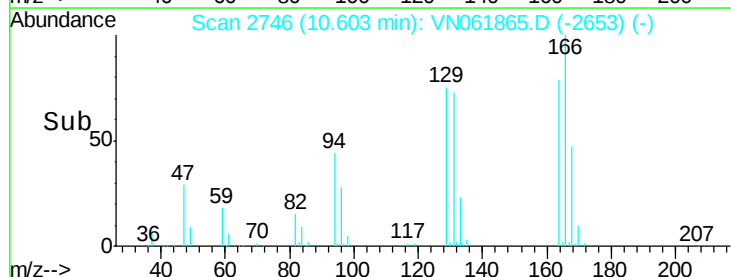
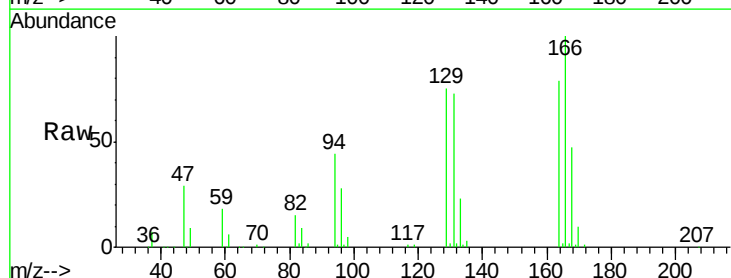
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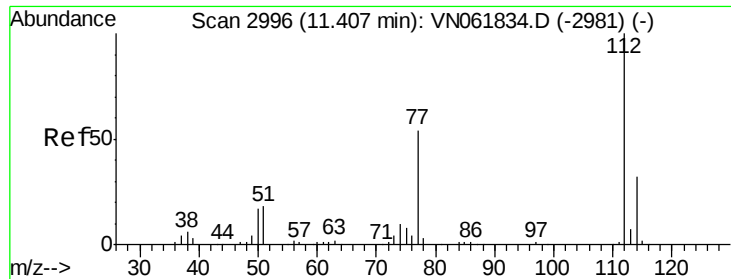
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#64
Tetrachloroethene
Concen: 51.620 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.5	155.3
129	94.3	77.5	116.3
131	92.1	73.8	110.8





#65

Chlorobenzene

Concen: 47.983 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 272795

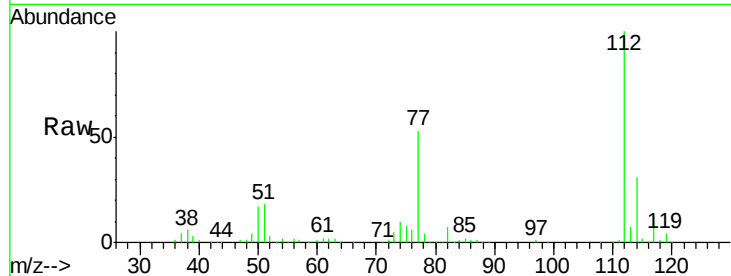
Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6

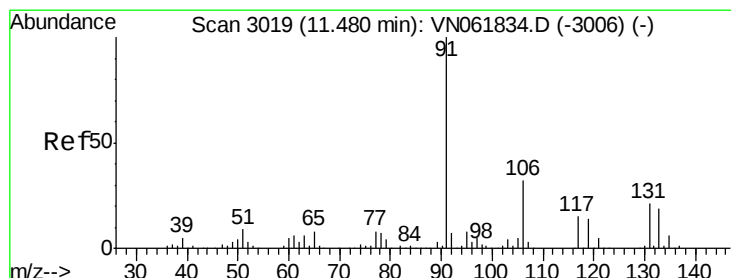
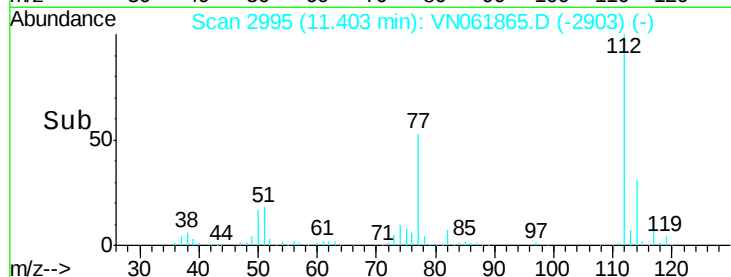
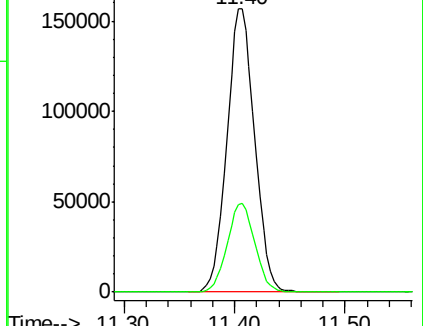
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.250 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

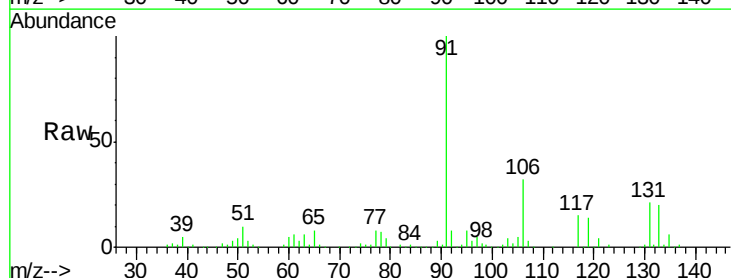
Tgt Ion:131 Resp: 97653

Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.5

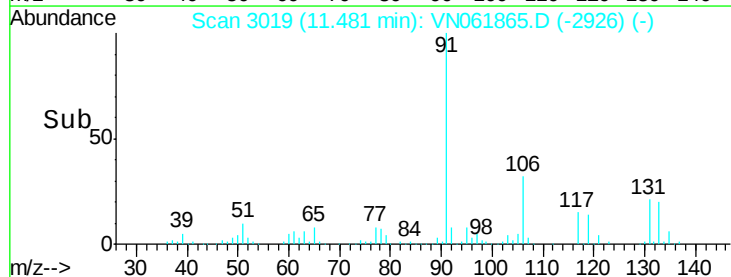
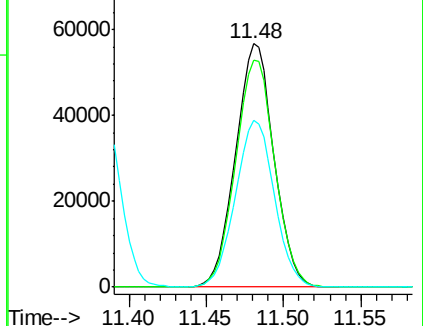
119 69.6 34.0 101.8

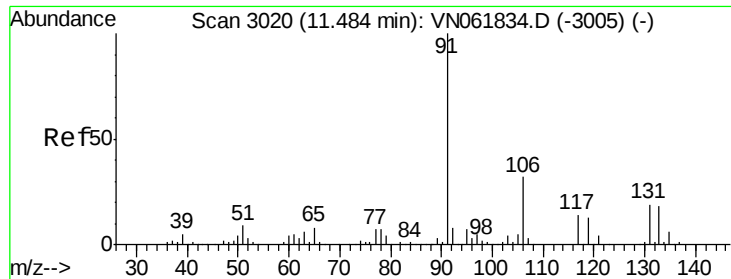


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





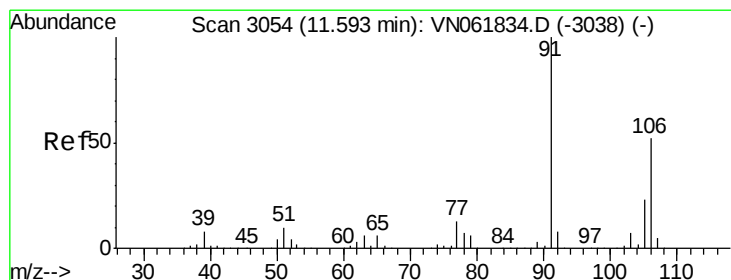
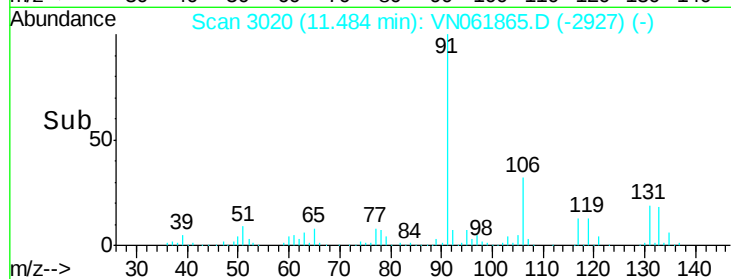
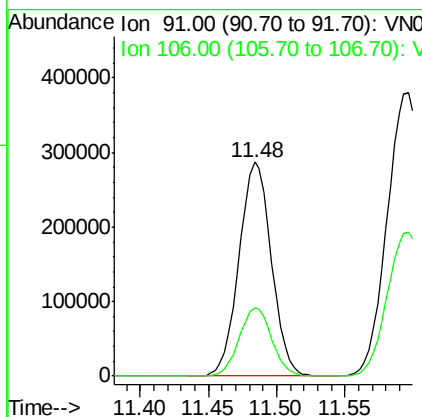
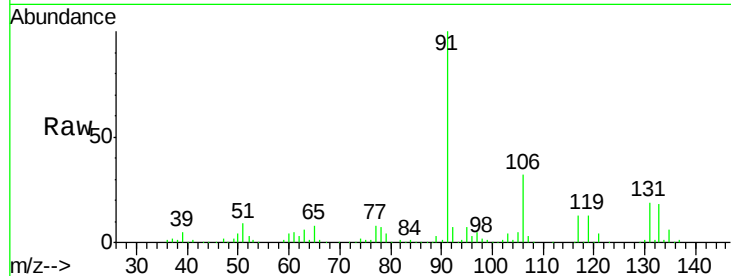
#67
Ethyl Benzene
Concen: 49.626 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 473043
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

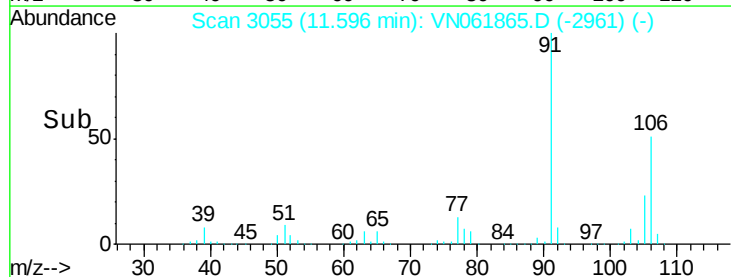
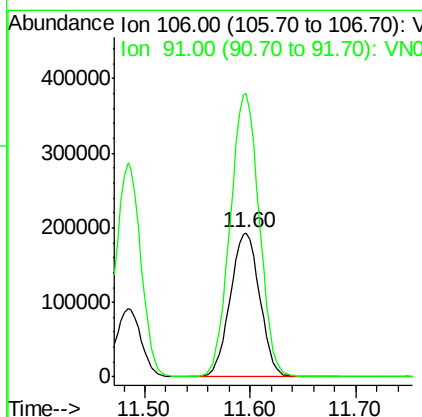
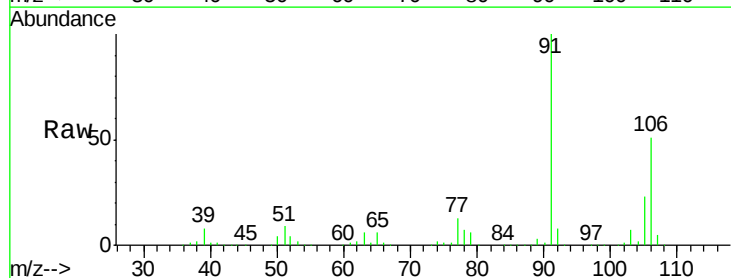
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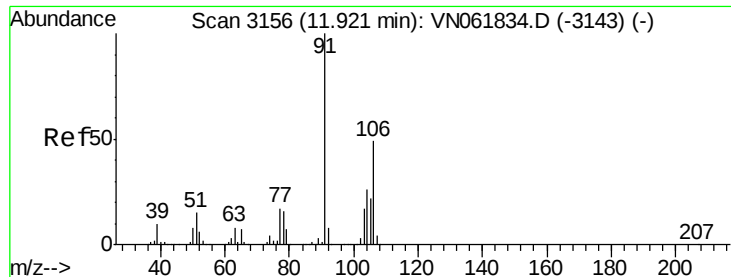
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#68
m/p-Xylenes
Concen: 101.510 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 106 Resp: 373112
Ion Ratio Lower Upper
106 100
91 193.8 157.0 235.6





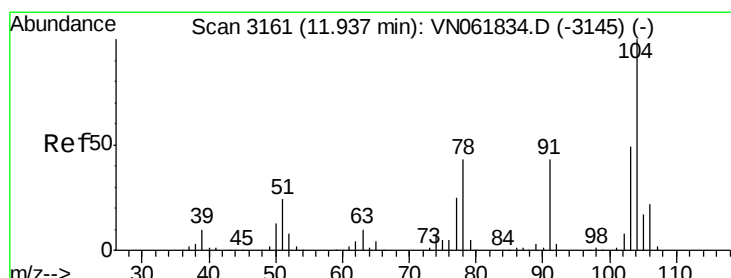
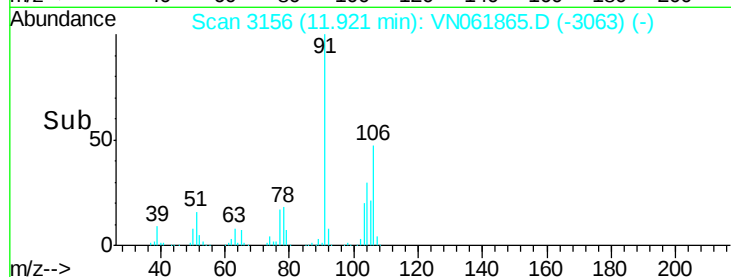
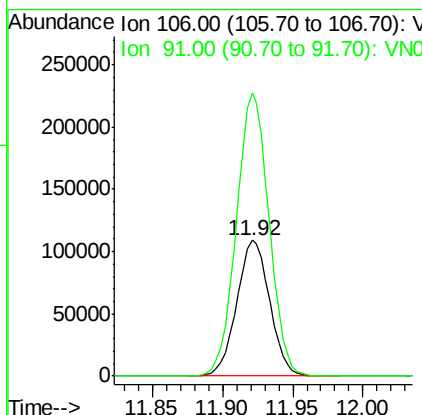
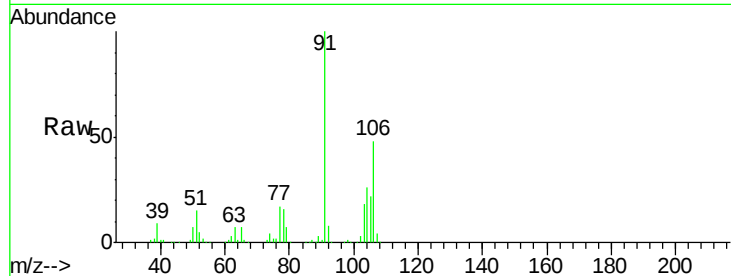
#69
o-Xylene
Concen: 50.967 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.0	103.0	308.9	

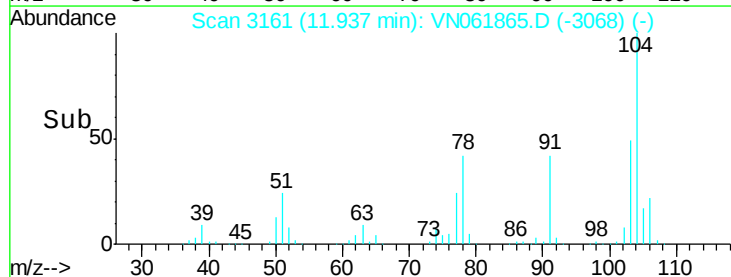
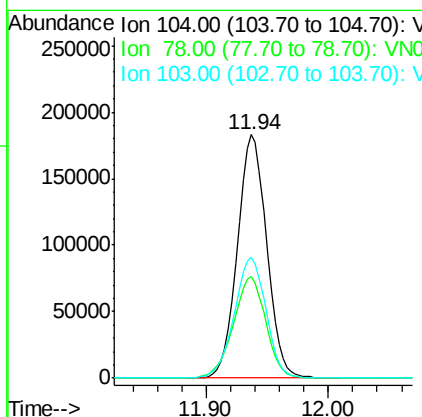
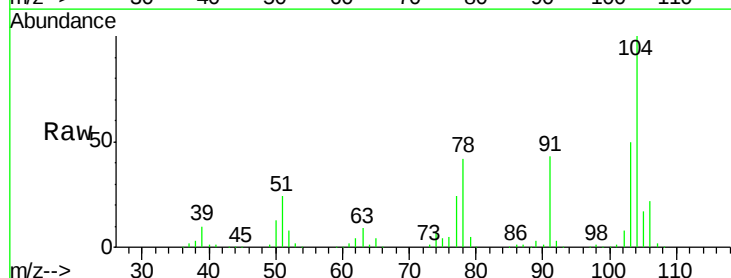
Manual Integrations
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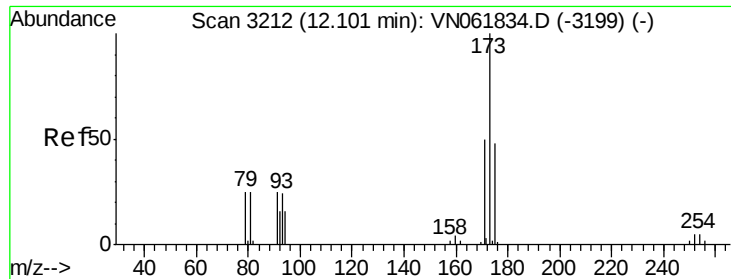
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#70
Styrene
Concen: 51.633 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.3	37.6	56.4	
103	53.9	43.0	64.4	





#71

Bromoform

Concen: 50.690 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 73286

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

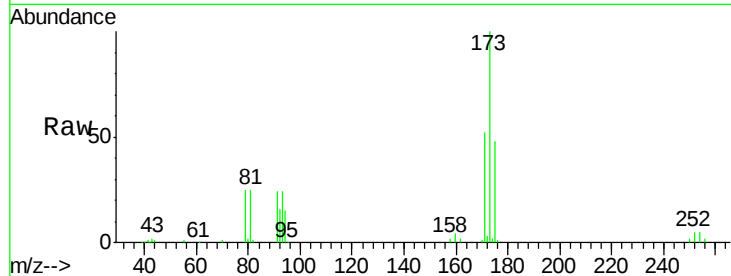
254 0.0 0.0 0.0

Manual Integrations

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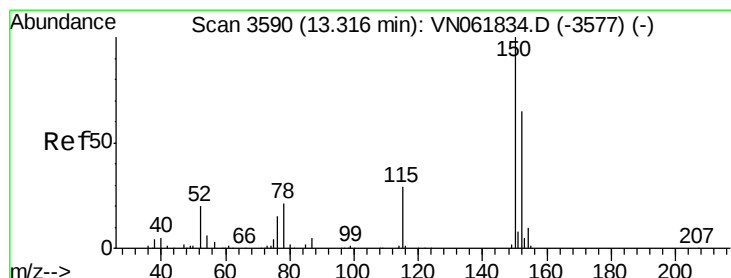
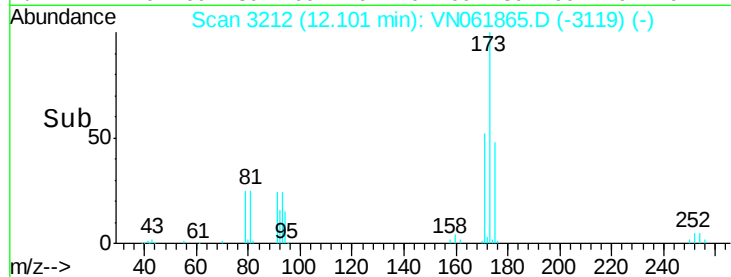
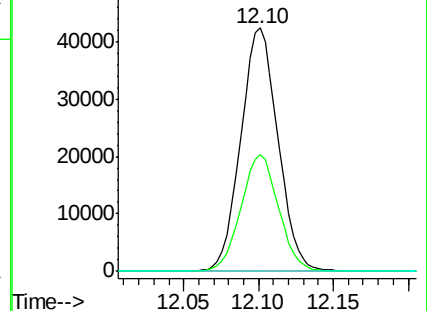
6/18/2020 9:37:22 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

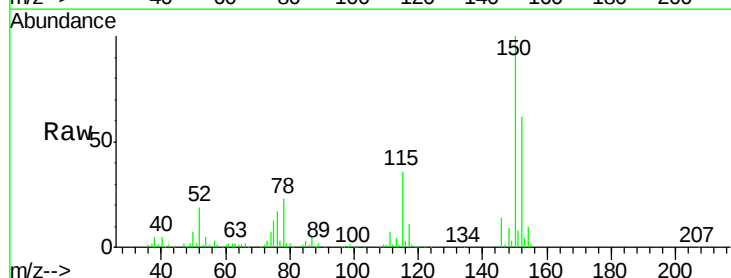
Tgt Ion:152 Resp: 133683

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

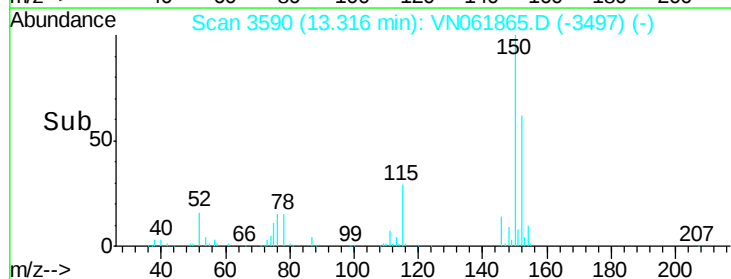
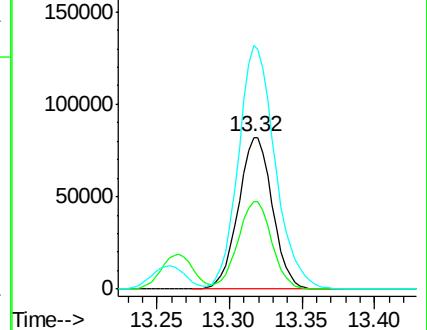
150 173.4 0.0 347.6

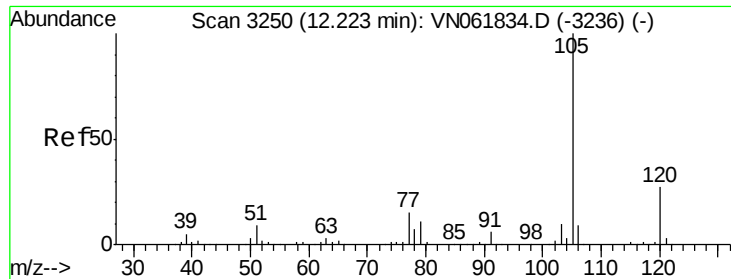


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.166 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 467060

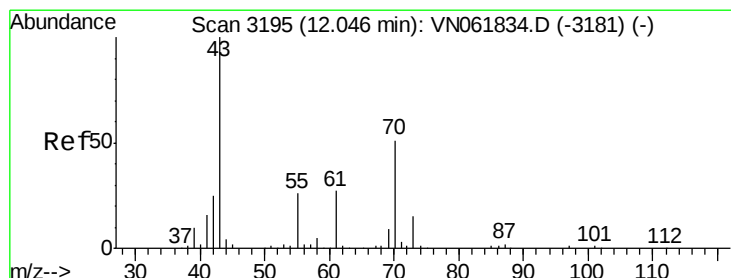
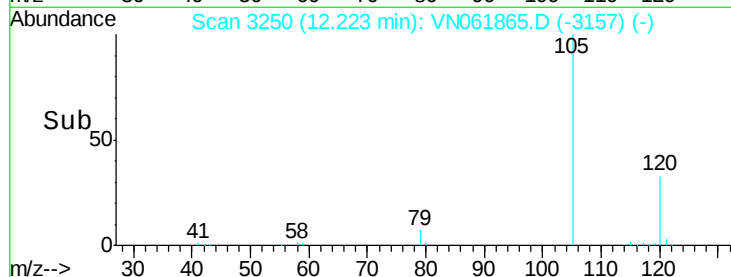
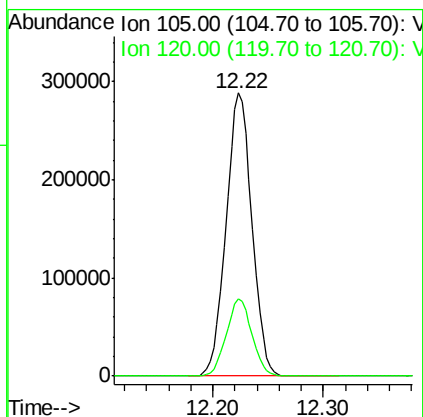
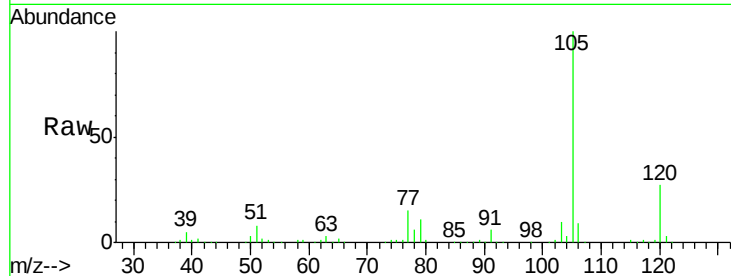
Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8

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#74

N-ethyl acetate

Concen: 42.968 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Tgt Ion: 43 Resp: 146242

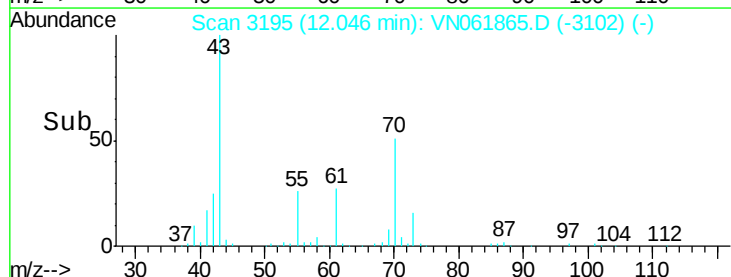
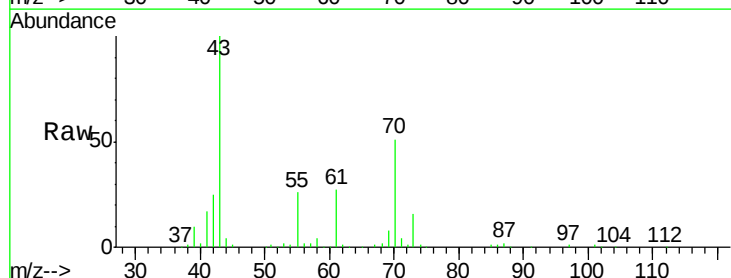
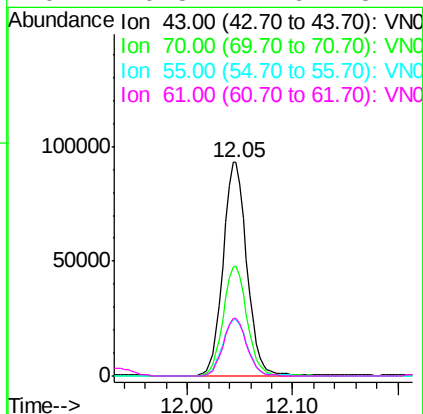
Ion Ratio Lower Upper

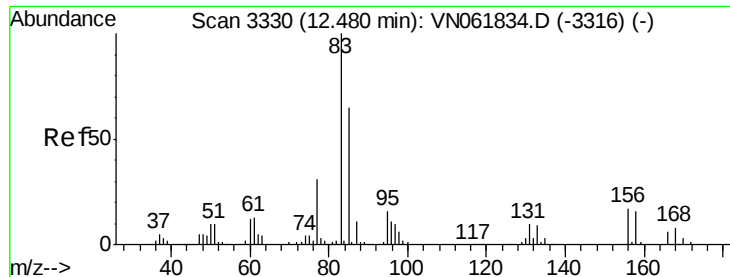
43 100

70 51.1 40.6 60.8

55 27.5 21.5 32.3

61 26.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.592 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

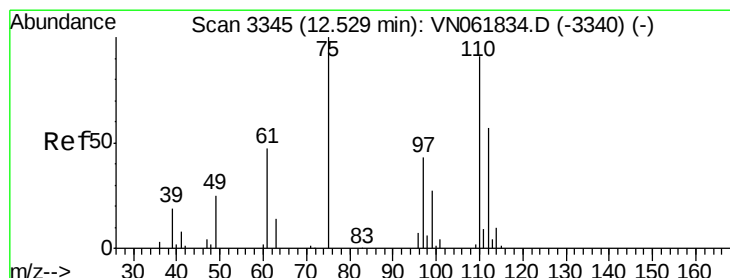
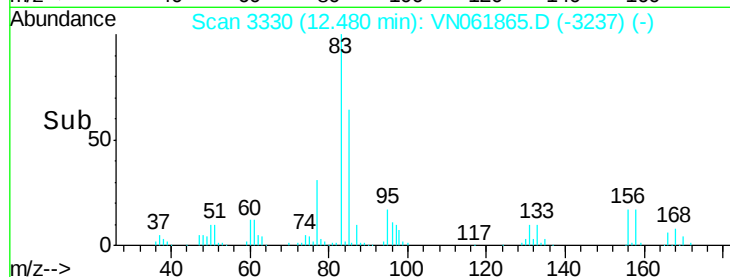
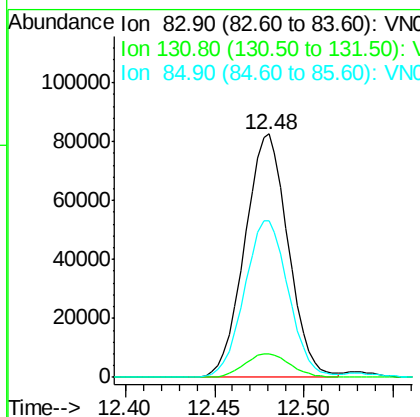
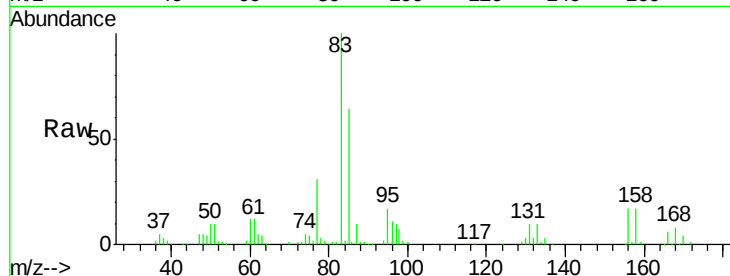
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	140814
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	65.0	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 43.574 ug/l m

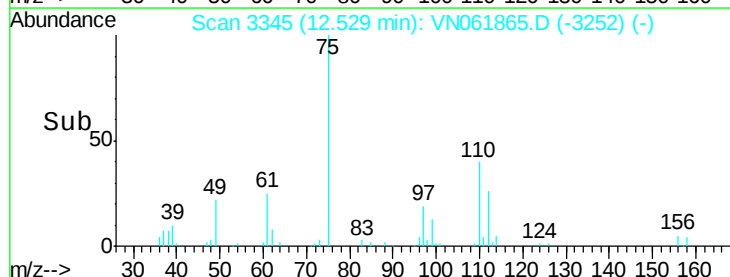
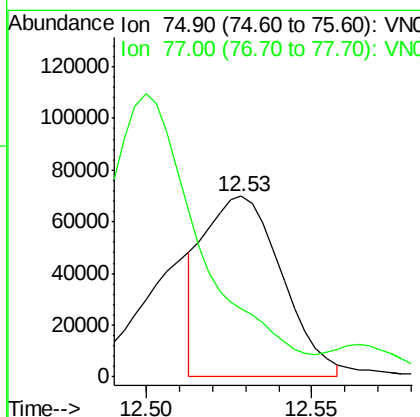
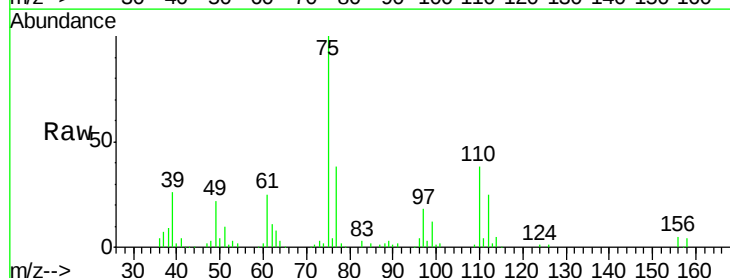
RT: 12.53 min Scan# 3345

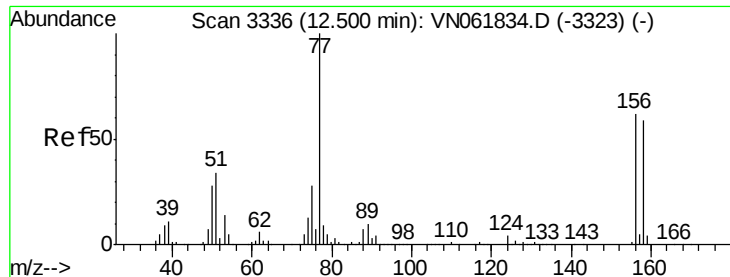
Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Tgt Ion	75	Resp	114362
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.155 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

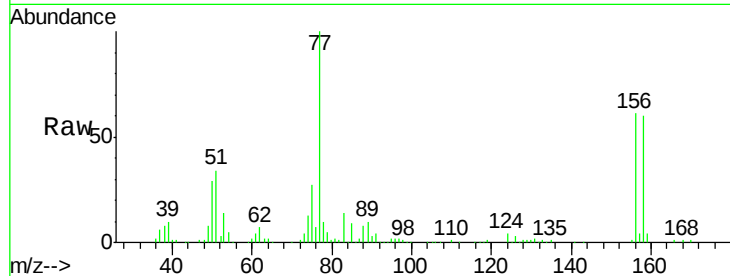
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.4	100.7	302.1
158	96.7	48.5	145.5

Manual Integrations
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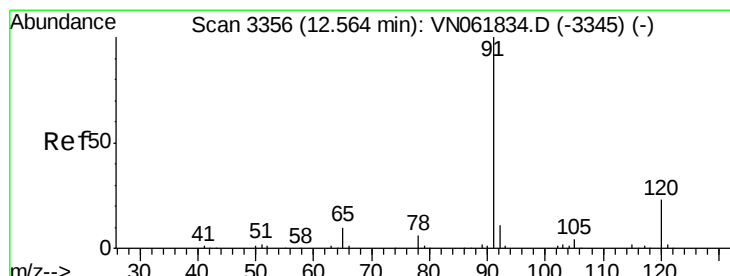
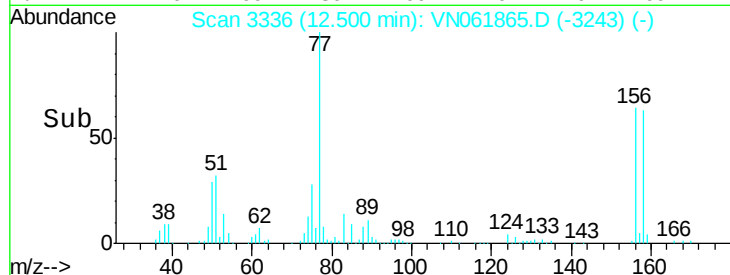
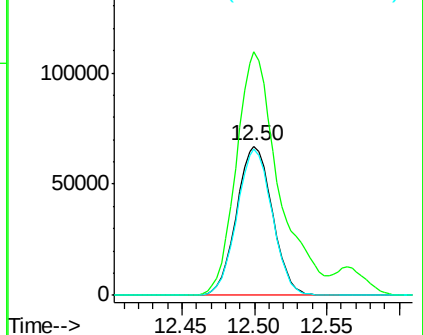


Abundance

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: 48.347 ug/l

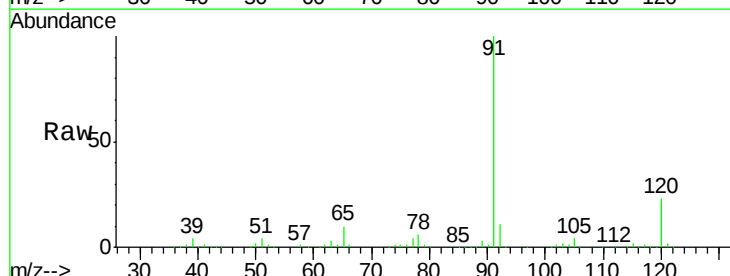
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

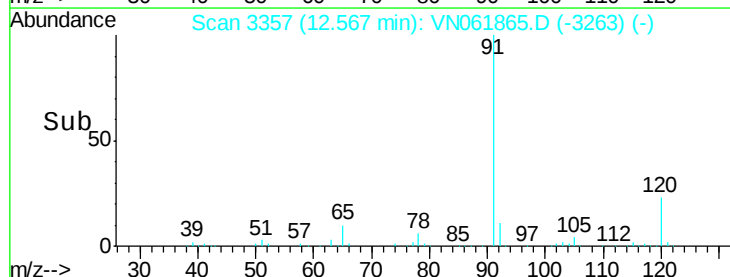
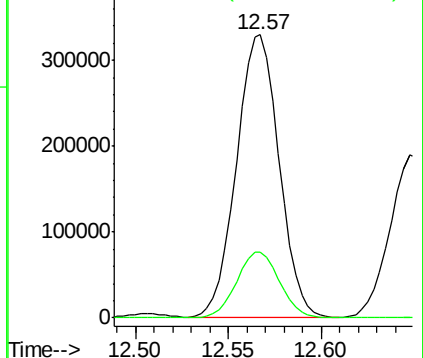
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8

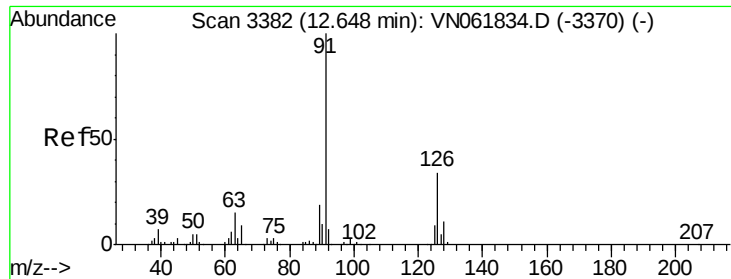


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.402 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061865.D

Acq: 17 Jun 2020 22:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 308592

Ion Ratio Lower Upper

91 100

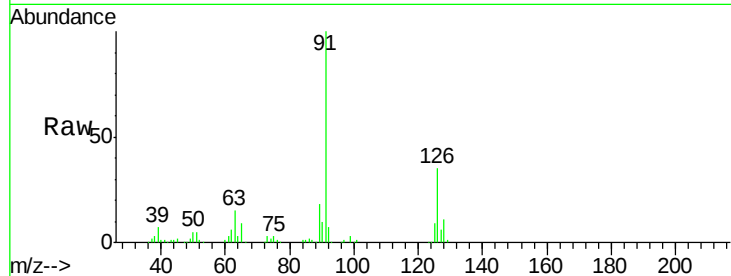
126 34.9 17.3 51.7

Manual Integrations

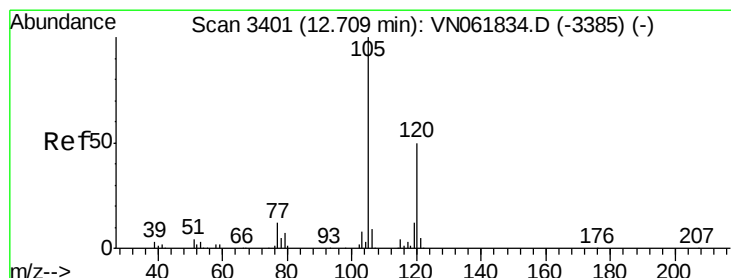
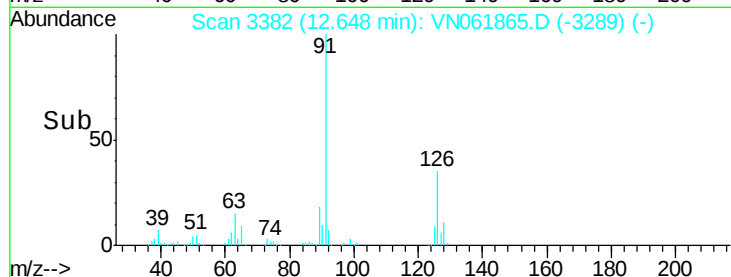
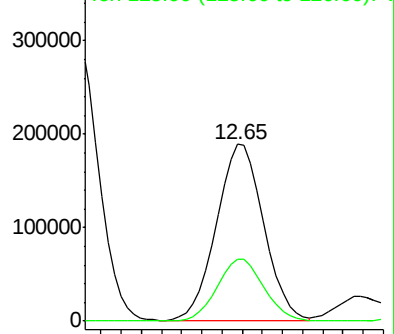
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Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.716 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061865.D

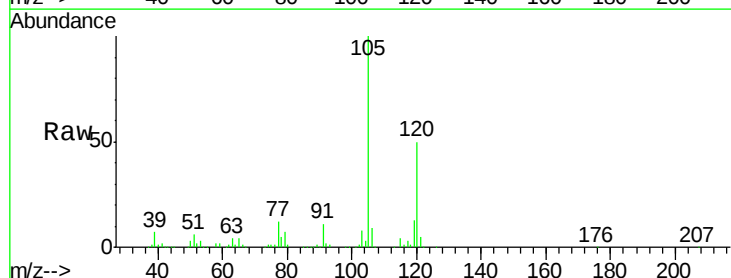
Acq: 17 Jun 2020 22:16

Tgt Ion: 105 Resp: 390733

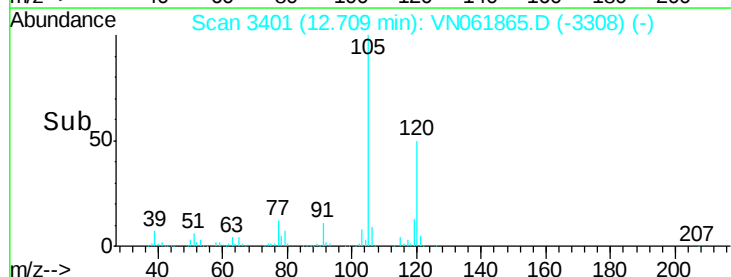
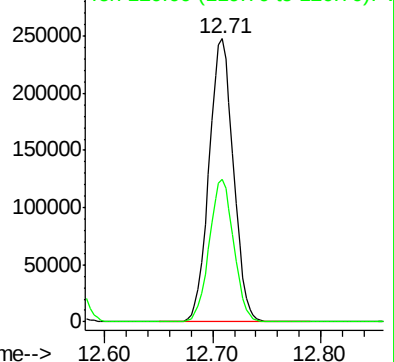
Ion Ratio Lower Upper

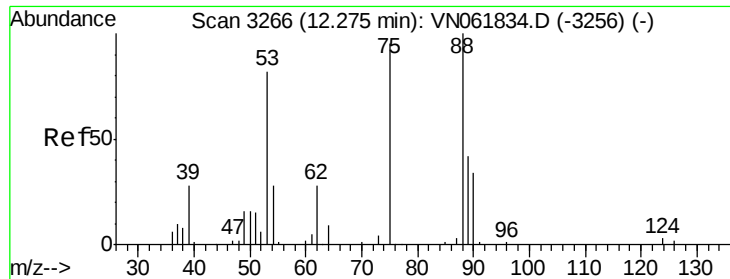
105 100

120 50.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)





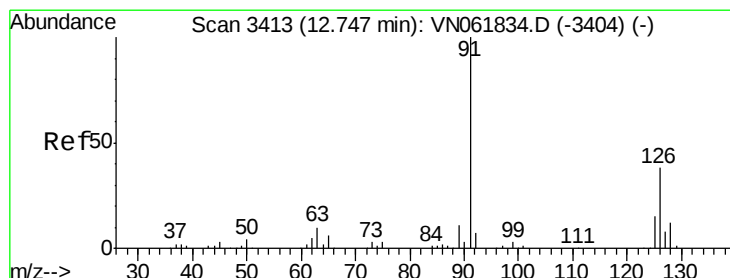
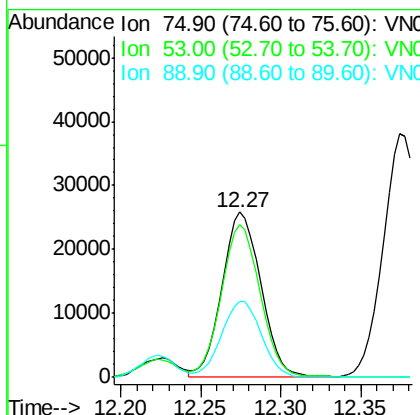
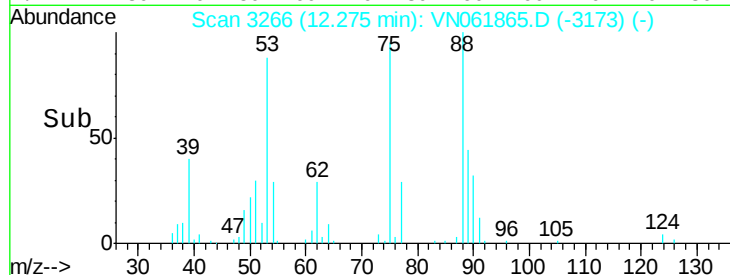
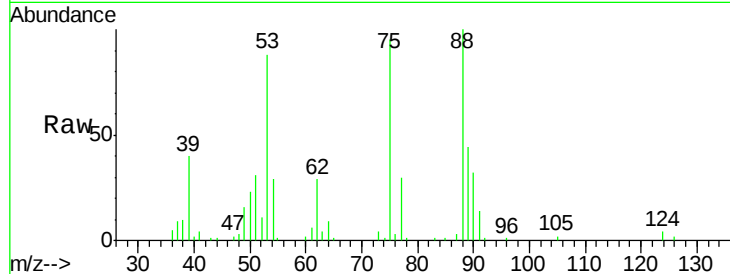
#81
trans-1,4-Dichloro-2-butene
Concen: 44.903 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 43209
Ion Ratio Lower Upper
75 100
53 91.8 70.4 105.6
89 46.4 36.0 54.0

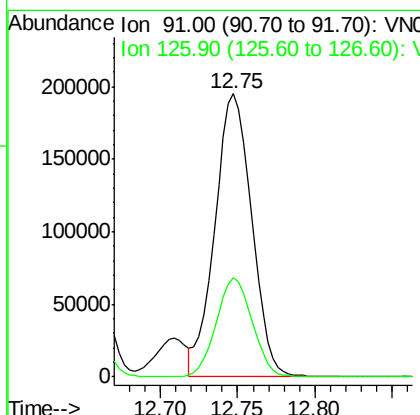
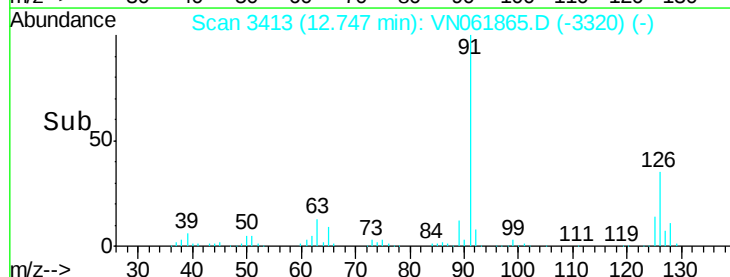
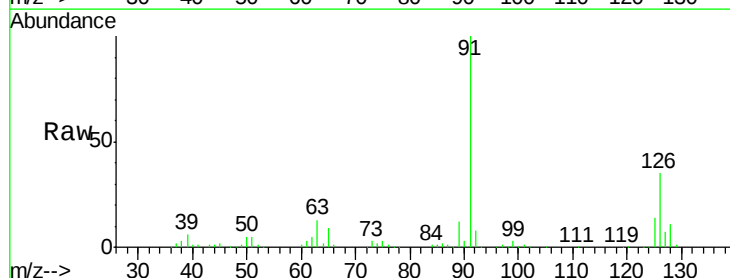
Manual Integrations
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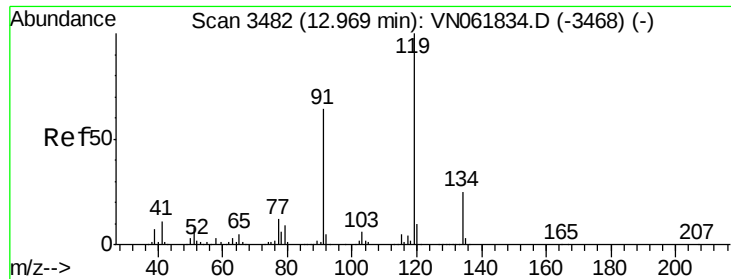
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.858 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion: 91 Resp: 321943
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





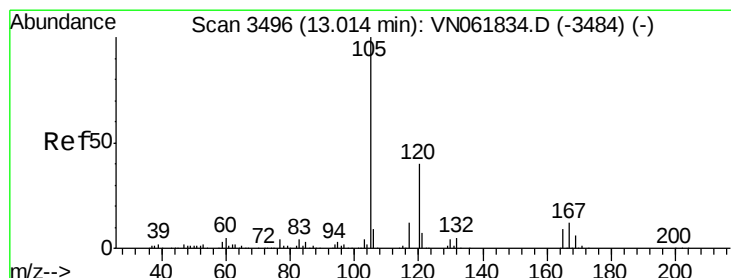
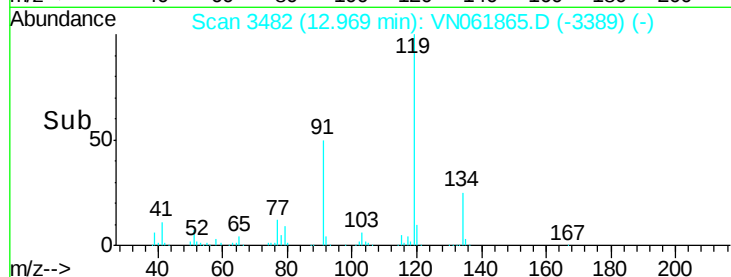
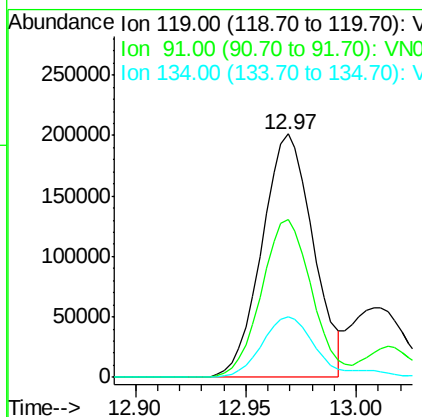
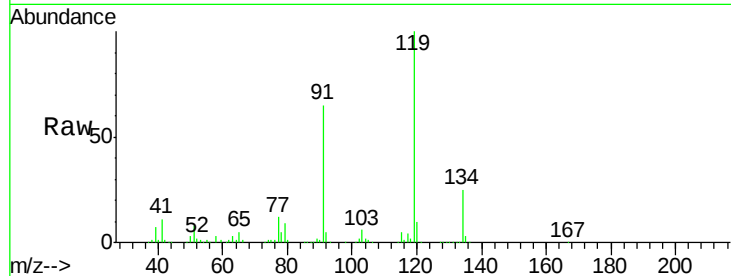
#83
 tert-Butylbenzene
 Concen: 48.608 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	31.5	94.5
134	25.4	13.3	39.9

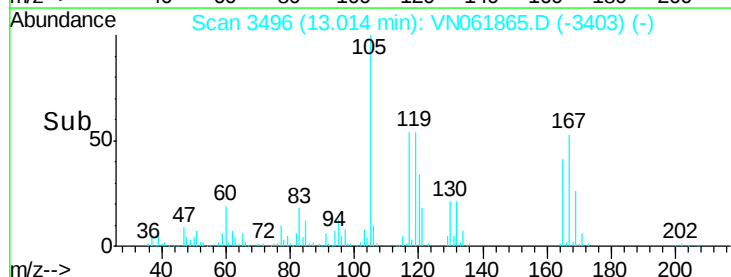
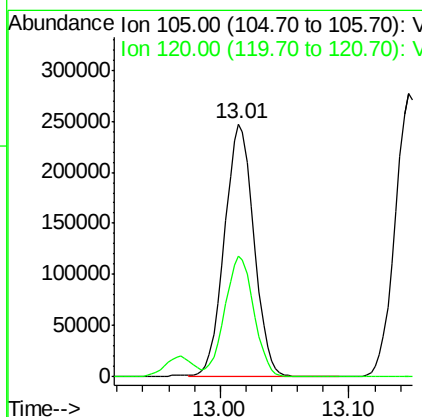
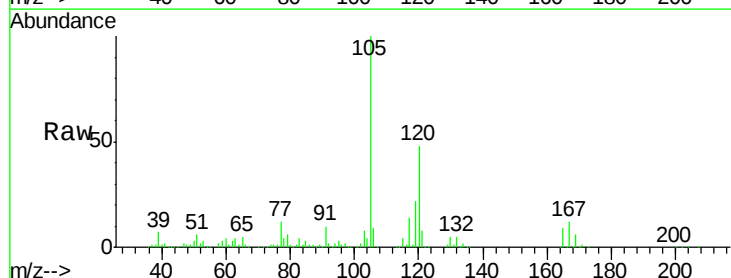
Manual Integrations
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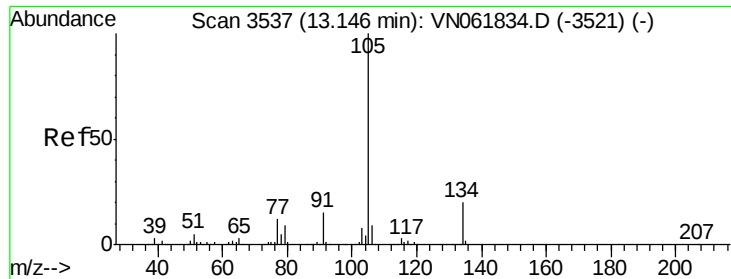
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.236 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.3	69.9





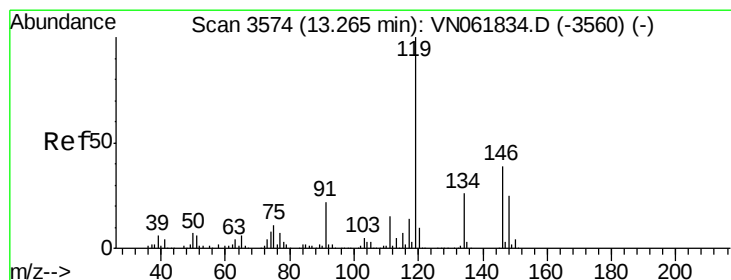
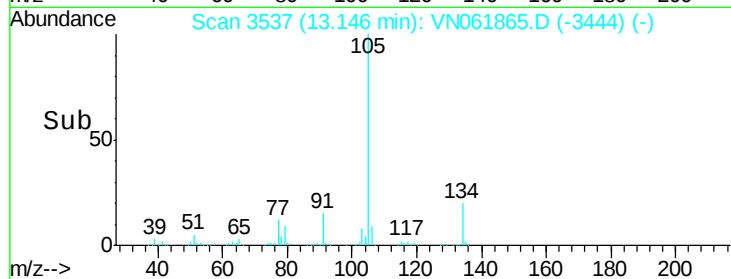
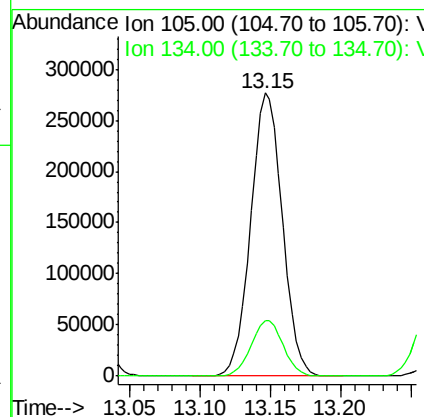
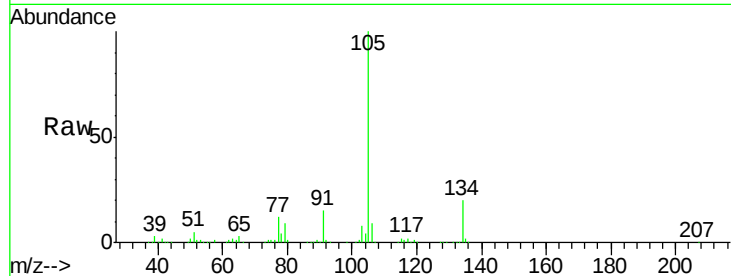
#85
 sec-Butylbenzene
 Concen: 49.713 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

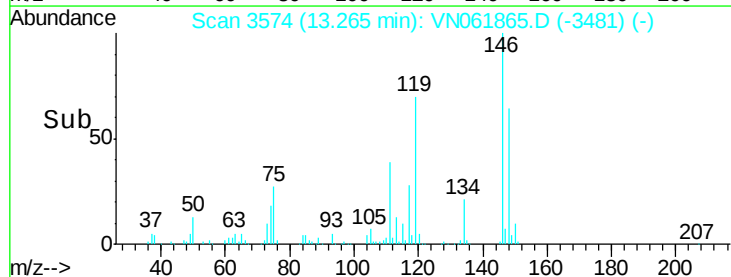
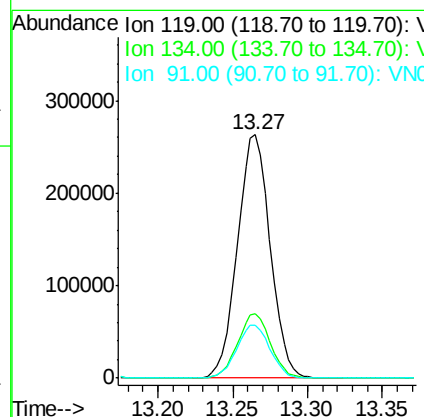
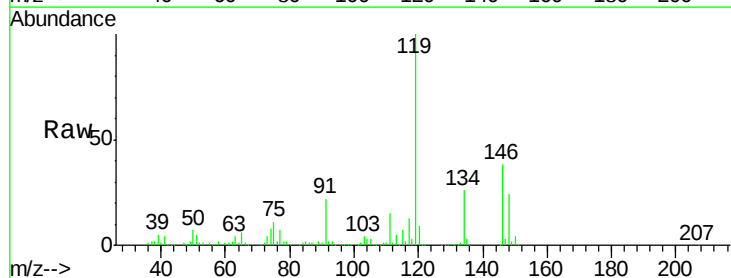
Manual Integrations
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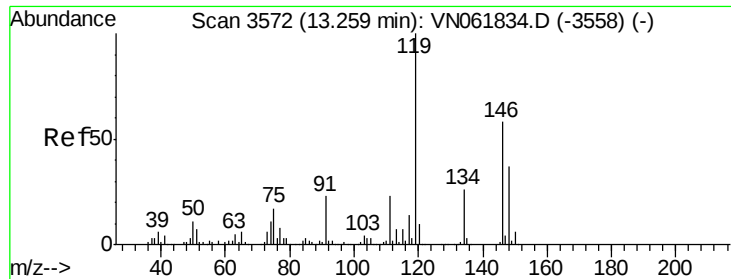
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#86
 p-Isopropyltoluene
 Concen: 51.683 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	22.2	11.2	33.6





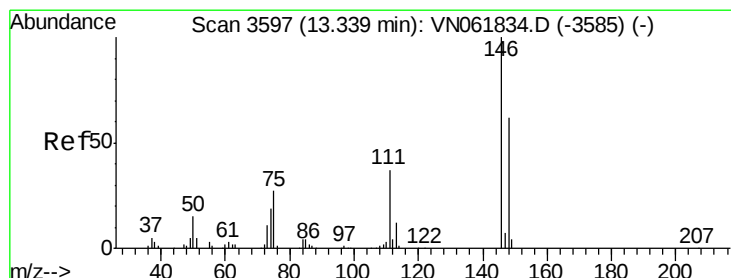
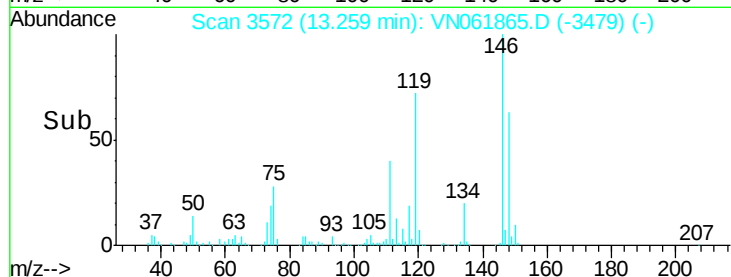
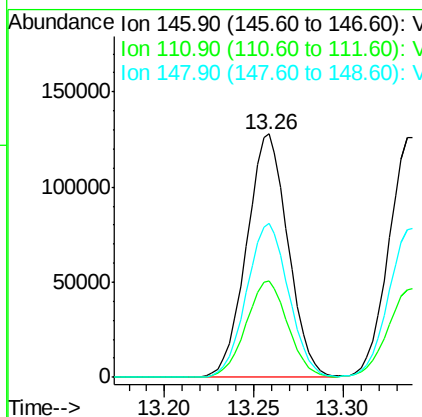
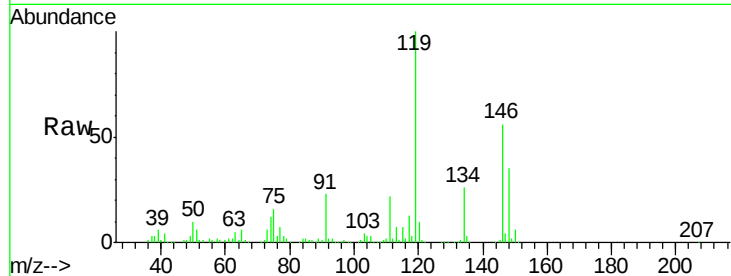
#87
 1,3-Dichlorobenzene
 Concen: 47.678 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	64.0	31.8	95.4

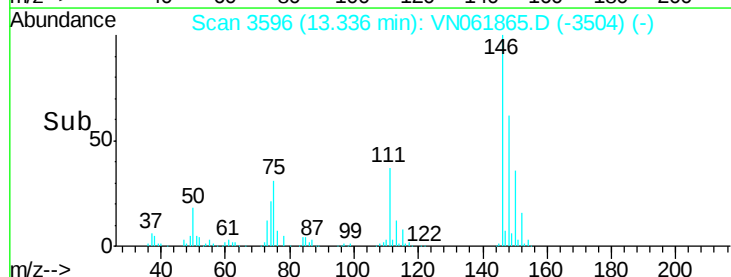
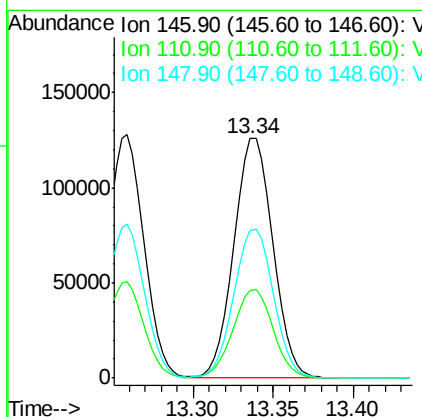
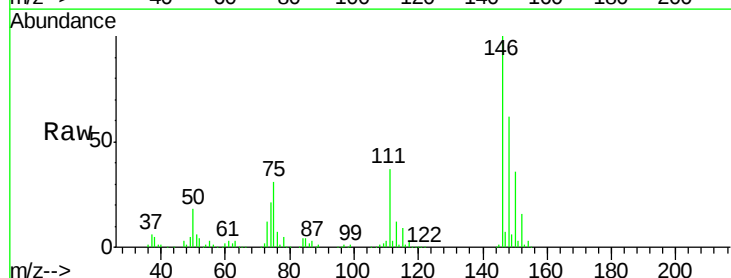
Manual Integrations
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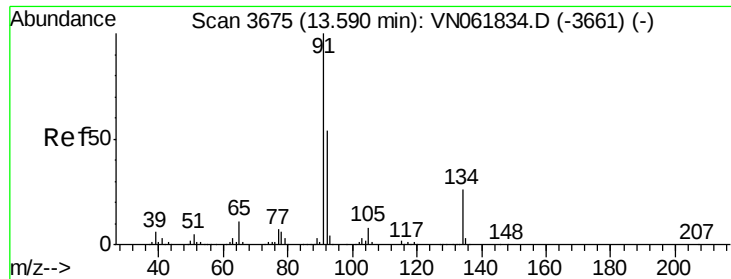
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 6/18/2020 9:37:22 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.618 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	63.1	31.6	94.7





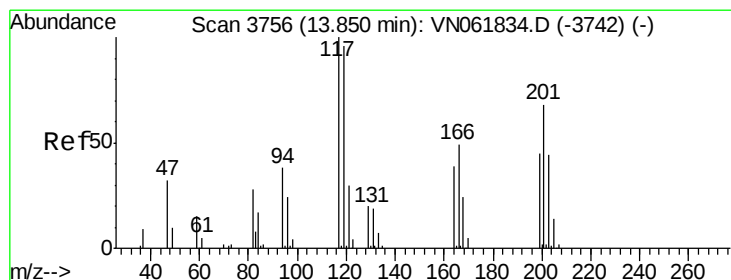
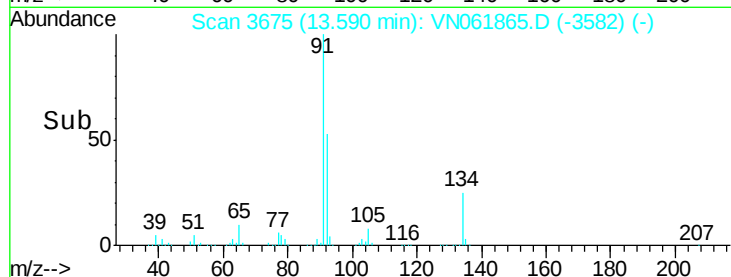
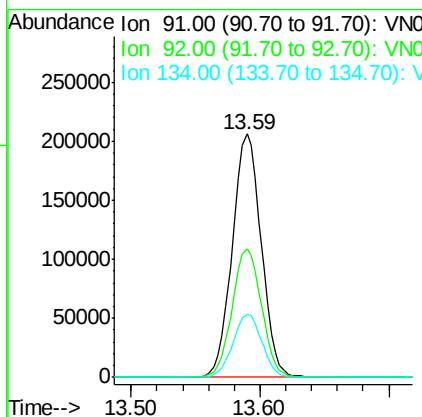
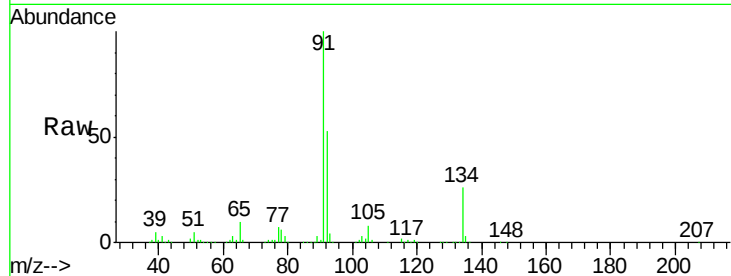
#89
n-Butylbenzene
Concen: 49.507 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	80.8
134	26.0	13.0	39.0

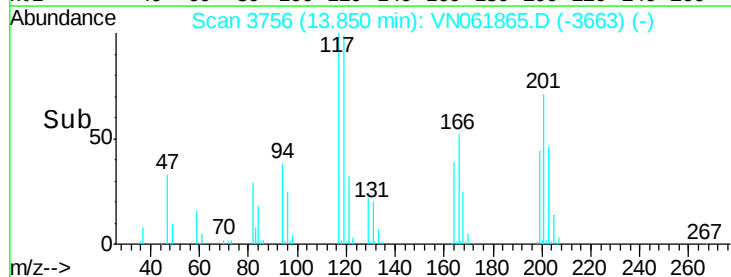
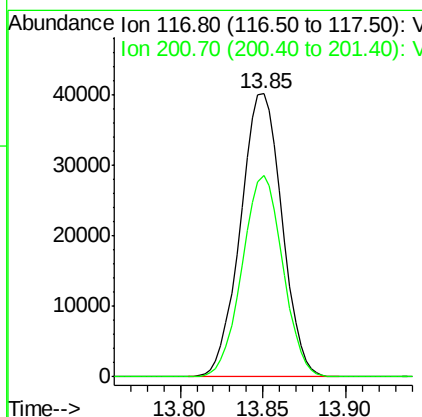
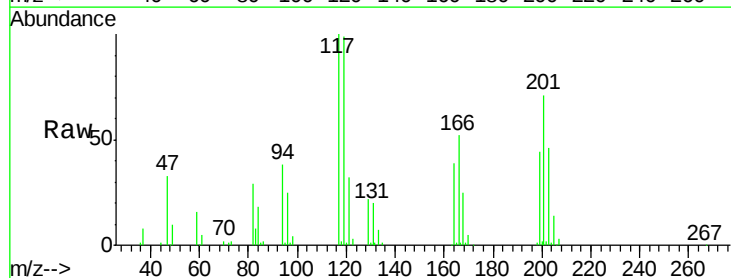
Manual Integrations
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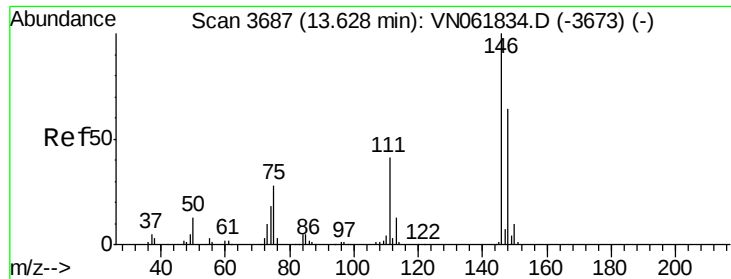
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#90
Hexachloroethane
Concen: 49.106 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	34.6	103.8





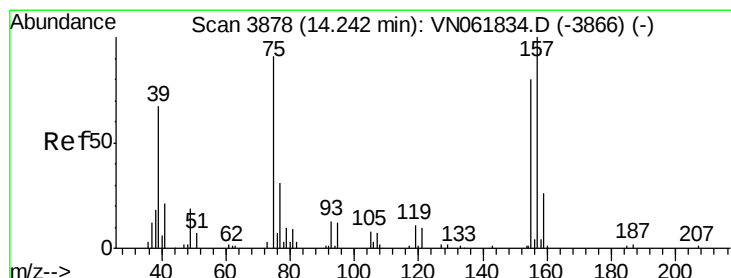
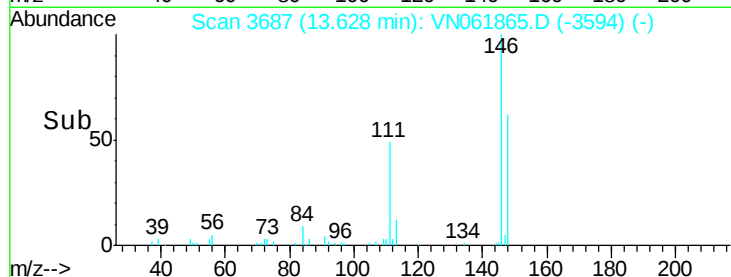
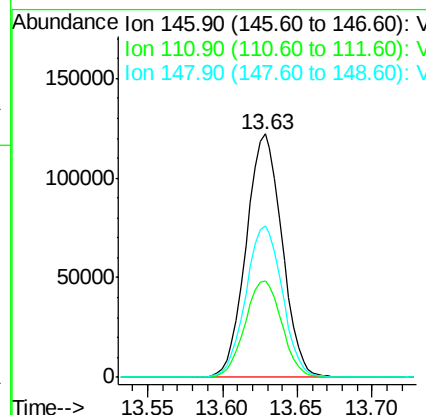
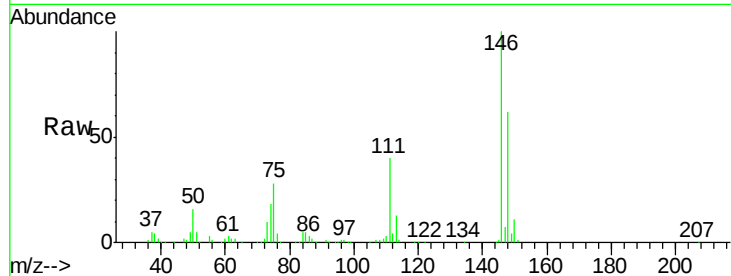
#91
 1,2-Dichlorobenzene
 Concen: 48.569 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	63.1	31.8	95.4

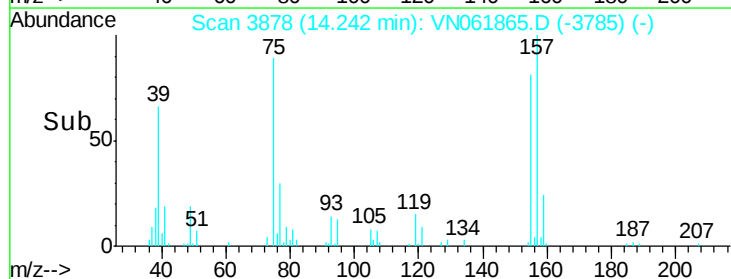
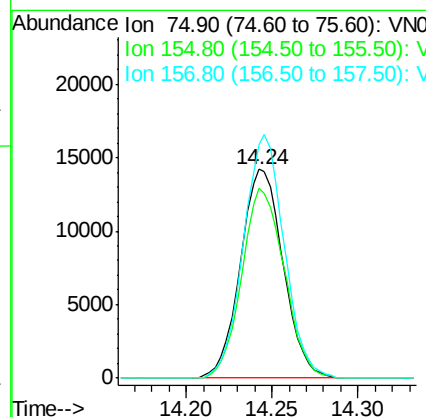
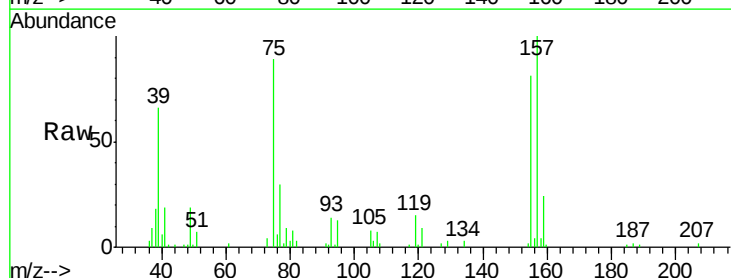
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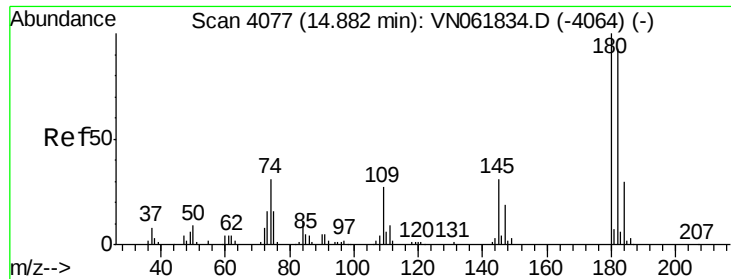
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.946 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	44.4	133.2
157	111.3	57.0	171.2





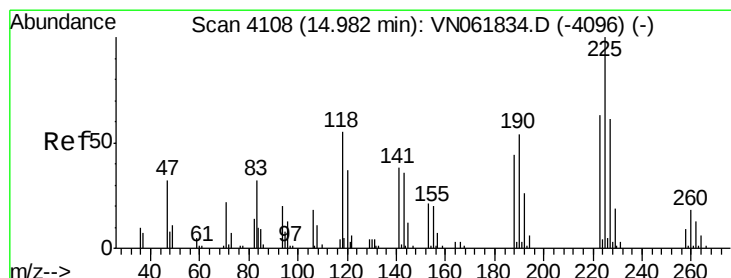
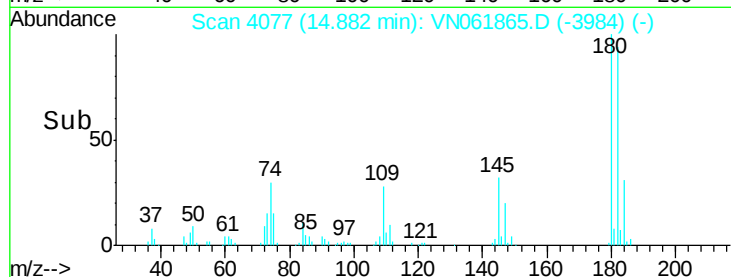
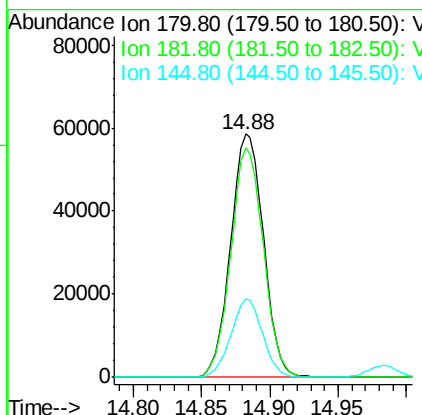
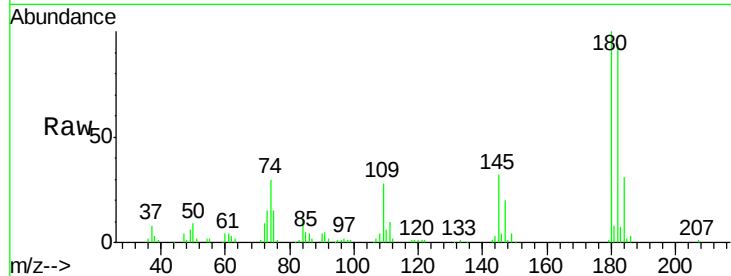
#93
 1,2,4-Trichlorobenzene
 Concen: 49.468 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.0	141.2
145	31.0	15.8	47.3

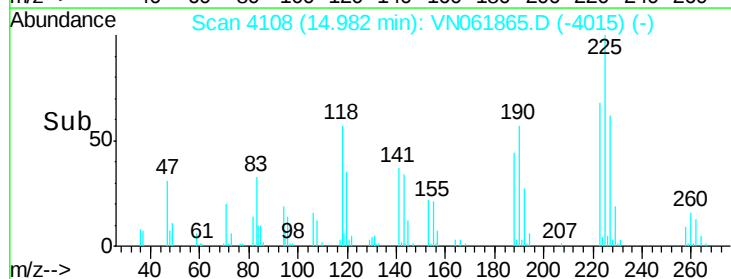
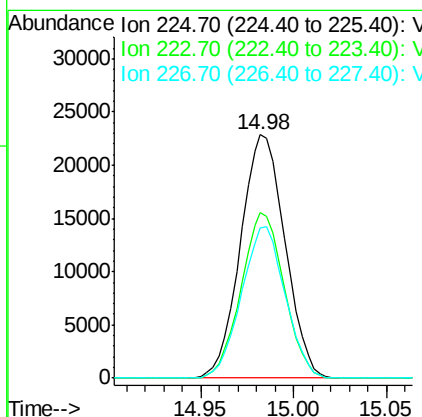
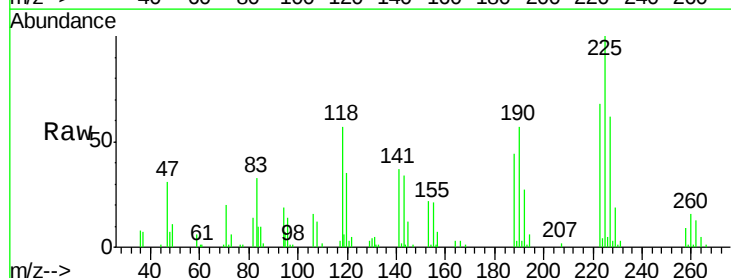
Manual Integrations
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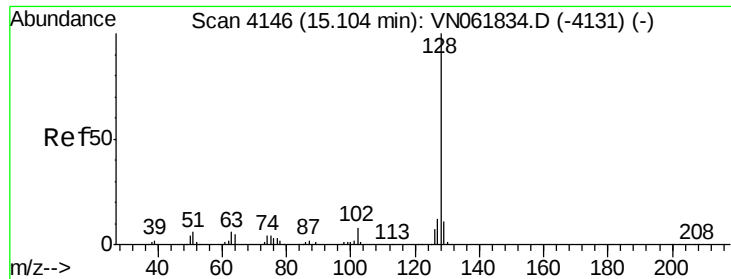
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 6/18/2020 9:37:22 AM



#94
 Hexachlorobutadiene
 Concen: 48.603 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061865.D
 Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.7	95.1
227	61.0	30.1	90.3





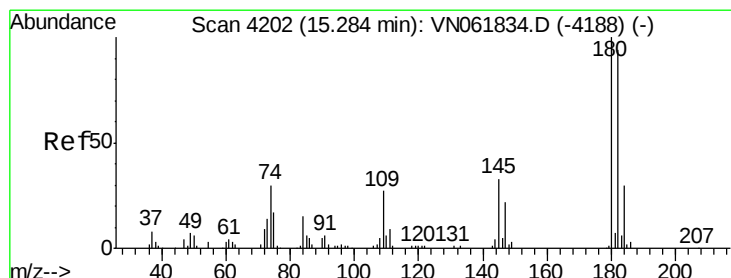
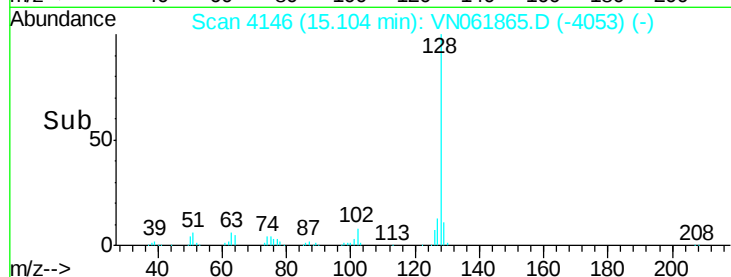
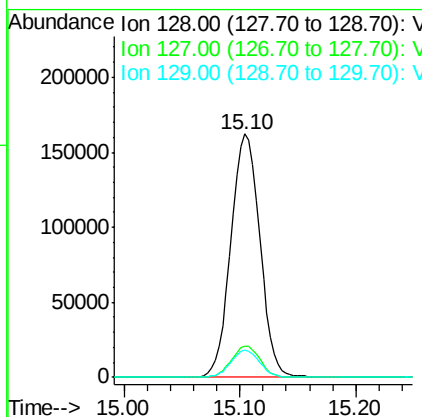
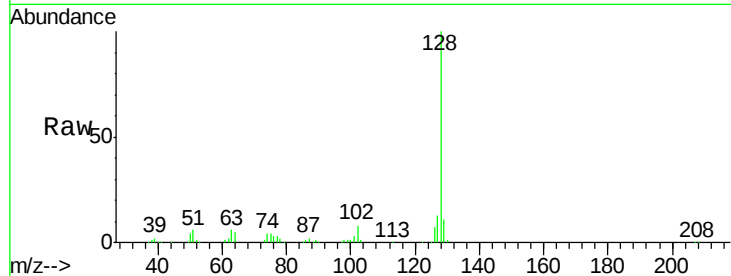
#95
Naphthalene
Concen: 42.901 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.111 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061865.D
Acq: 17 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.6
145	32.1	16.5	49.5

