

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063331.D
 Acq On : 14 Sep 2020 9:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:50 PM

Quant Time: Sep 15 05:19:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	489221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	836382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	767354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	373586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	378734	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	281071	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.06	98	1097081	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.38	95	414382	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	213669	45.476	ug/l	99
3) Chloromethane	2.03	50	295589	47.949	ug/l	97
4) Vinyl Chloride	2.16	62	309126	46.503	ug/l	98
5) Bromomethane	2.53	94	202324	43.625	ug/l	97
6) Chloroethane	2.67	64	195695	45.004	ug/l	96
7) Trichlorofluoromethane	2.98	101	470019	45.724	ug/l	100
8) Diethyl Ether	3.37	74	164267	44.816	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	250461	46.636	ug/l	99
10) Methyl Iodide	3.91	142	330532	47.477	ug/l	100
11) Tert butyl alcohol	4.73	59	239619	235.791	ug/l	98
12) 1,1-Dichloroethene	3.69	96	243788	45.474	ug/l	97
13) Acrolein	3.56	56	159270	282.630	ug/l	97
14) Allyl chloride	4.27	41	482957	43.884	ug/l	97
15) Acrylonitrile	4.92	53	650869	234.248	ug/l	99
16) Acetone	3.77	43	698063	263.012	ug/l	100
17) Carbon Disulfide	4.01	76	707949	46.608	ug/l	99
18) Methyl Acetate	4.27	43	301299	45.159	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	890227	46.471	ug/l	99
20) Methylene Chloride	4.50	84	290813	48.078	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	270374	45.066	ug/l	98
22) Diisopropyl ether	5.89	45	991058	45.759	ug/l	94
23) Vinyl Acetate	5.84	43	4154202	243.684	ug/l	99
24) 1,1-Dichloroethane	5.79	63	540895	46.117	ug/l	100
25) 2-Butanone	6.78	43	958080	244.370	ug/l	100
26) 2,2-Dichloropropane	6.78	77	492173	47.877	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	316880	45.321	ug/l	99
28) Bromochloromethane	7.14	49	271932	47.813	ug/l	99
29) Tetrahydrofuran	7.16	42	584063	228.787	ug/l	98
30) Chloroform	7.33	83	543073	46.245	ug/l	96
31) Cyclohexane	7.61	56	473805	43.950	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	480950	46.981	ug/l	99
36) 1,1-Dichloropropene	7.75	75	418947	48.731	ug/l	99
37) Ethyl Acetate	6.87	43	393066	46.474	ug/l	99
38) Carbon Tetrachloride	7.73	117	420001	49.638	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	451679	48.159	ug/l	99
40) Benzene	8.00	78	1189593	48.446	ug/l	99
41) Methacrylonitrile	7.12	41	177477	46.390	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	452473	48.568	ug/l	100
43) Isopropyl Acetate	8.12	43	691338	48.267	ug/l #	92
44) Trichloroethene	8.80	130	311525	48.513	ug/l	99
45) 1,2-Dichloropropane	9.08	63	323689	48.059	ug/l	98
46) Dibromomethane	9.17	93	212583	48.673	ug/l	97
47) Bromodichloromethane	9.37	83	446485	49.055	ug/l	97
48) Methyl methacrylate	9.16	41	323540	47.340	ug/l	99
49) 1,4-Dioxane	9.16	88	97915	925.328	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1970424	249.623	ug/l	100
52) Toluene	10.12	92	731821	48.814	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	503183	50.697	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	534911	50.054	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	282027	48.008	ug/l	99
56) Ethyl methacrylate	10.40	69	439363	49.182	ug/l	100
57) 1,3-Dichloropropane	10.68	76	502043	48.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1054207	220.000	ug/l	100
59) 2-Hexanone	10.72	43	1527616	262.405	ug/l	100
60) Dibromochloromethane	10.87	129	329780	51.121	ug/l	99
61) 1,2-Dibromoethane	10.98	107	294311	48.056	ug/l	98
64) Tetrachloroethene	10.60	164	319674	50.854	ug/l	98
65) Chlorobenzene	11.41	112	785468	47.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	296866	49.323	ug/l	98
67) Ethyl Benzene	11.48	91	1463900	49.361	ug/l	99
68) m/p-Xylenes	11.59	106	1067925	97.347	ug/l	99
69) o-Xylene	11.92	106	513177	48.744	ug/l	100
70) Styrene	11.94	104	868281	49.623	ug/l	99
71) Bromoform	12.10	173	212250	50.985	ug/l #	100
73) Isopropylbenzene	12.23	105	1394706	46.284	ug/l	100
74) N-amyl acetate	12.05	43	612428	49.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379165	43.936	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	379240m	46.014	ug/l	
77) Bromobenzene	12.50	156	319015	46.057	ug/l	100
78) n-propylbenzene	12.57	91	1636095	47.794	ug/l	100
79) 2-Chlorotoluene	12.65	91	968460	46.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1190059	47.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	147188	47.983	ug/l	99
82) 4-Chlorotoluene	12.75	91	1020859	46.268	ug/l	100
83) tert-Butylbenzene	12.97	119	978576	46.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1198740	47.531	ug/l	100
85) sec-Butylbenzene	13.15	105	1300823	48.183	ug/l	100
86) p-Isopropyltoluene	13.26	119	1184809	47.870	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	589540	46.557	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	591153	48.795	ug/l	99
89) n-Butylbenzene	13.59	91	1102264	49.334	ug/l	99
90) Hexachloroethane	13.85	117	215282	52.879	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	581580	46.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88511	45.102	ug/l	100

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	326728	44.600	ug/l	100
94) Hexachlorobutadiene	14.98	225	131440	49.769	ug/l	99
95) Naphthalene	15.10	128	1010159	45.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	305695	46.439	ug/l	98

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

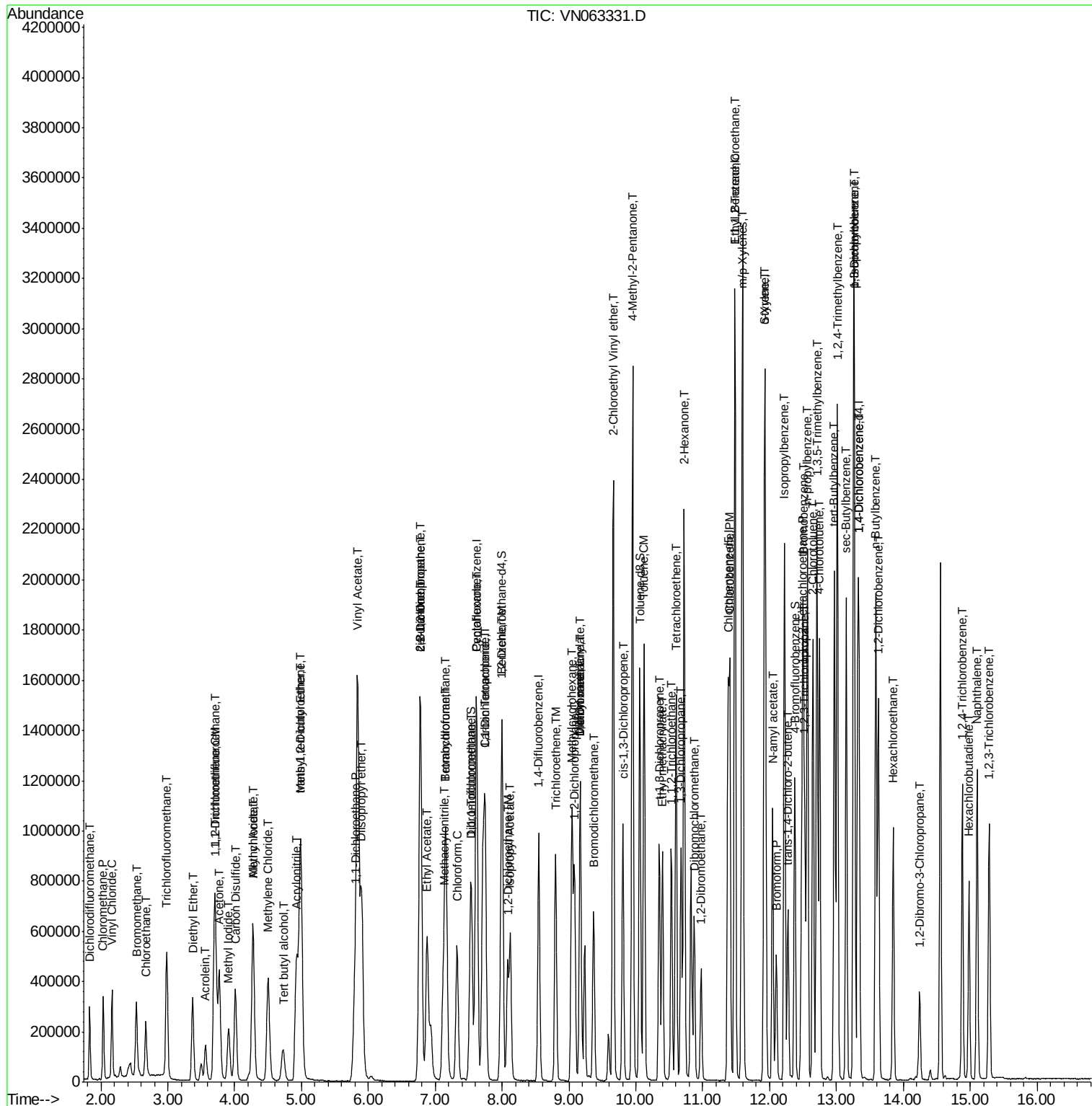
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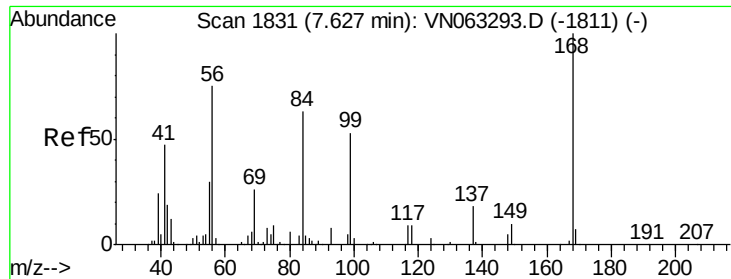
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MSVOA_N
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 489221

Ion Ratio Lower Upper

168 100

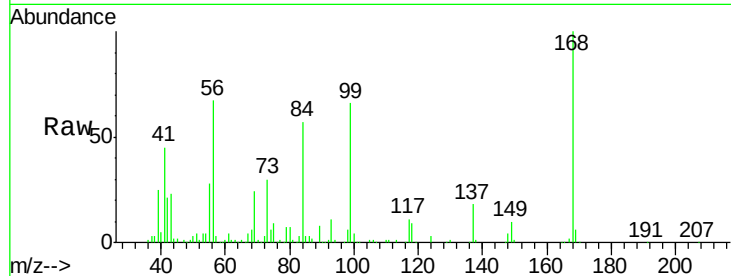
99 65.2 51.1 76.7

Manual Integrations

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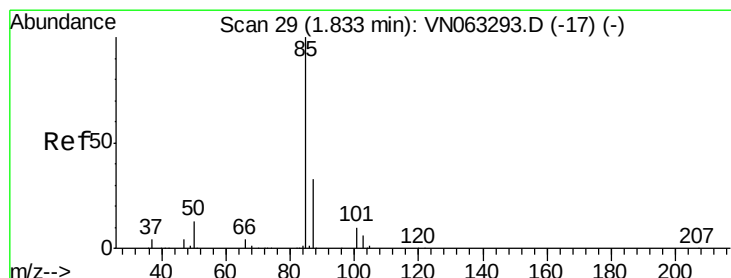
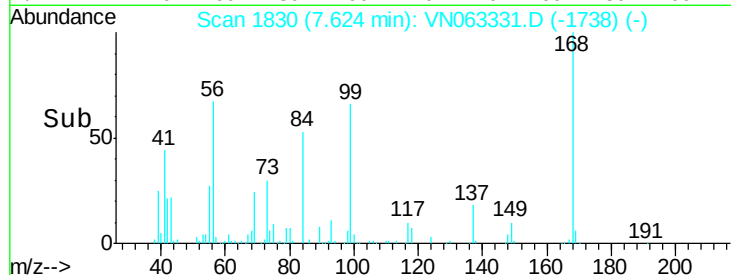
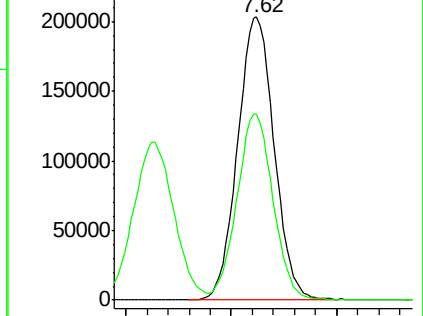
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9/15/2020 1:58:50 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.476 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063331.D

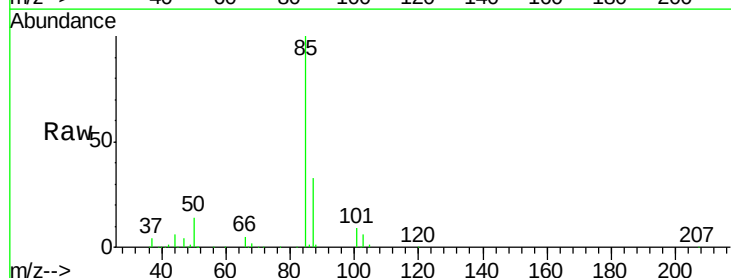
Acq: 14 Sep 2020 9:58

Tgt Ion: 85 Resp: 213669

Ion Ratio Lower Upper

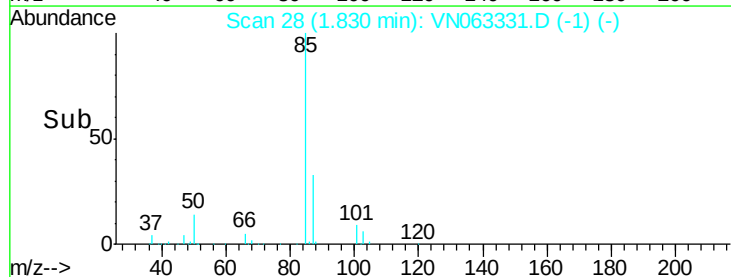
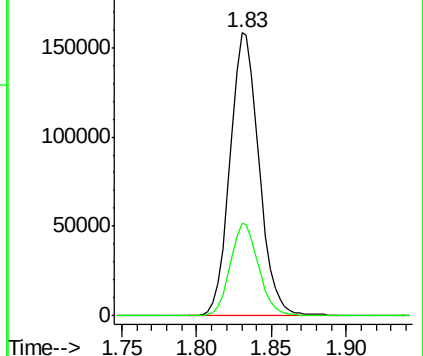
85 100

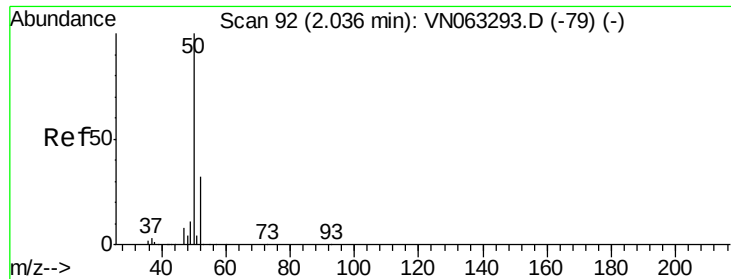
87 32.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.949 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 295589

Ion Ratio Lower Upper

50 100

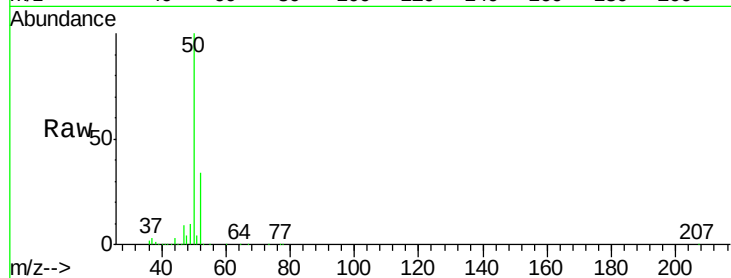
52 33.7 25.4 38.2

Manual Integrations

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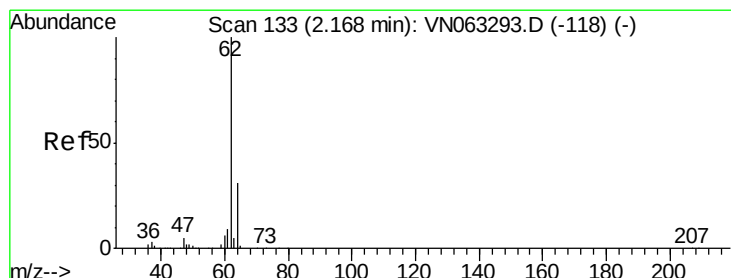
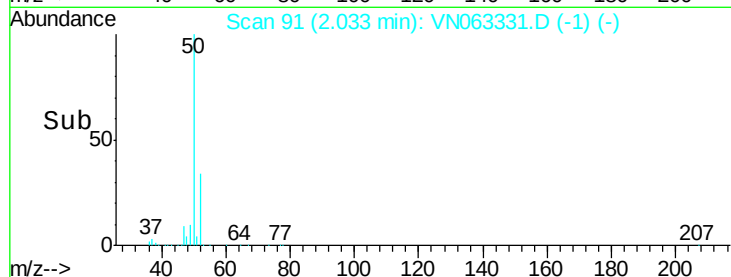
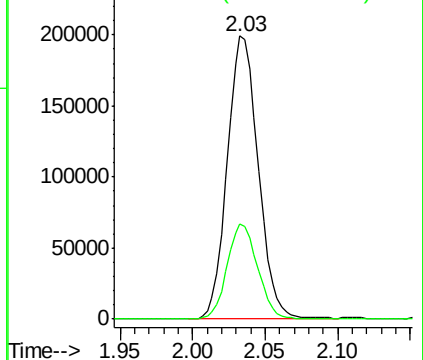
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.503 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063331.D

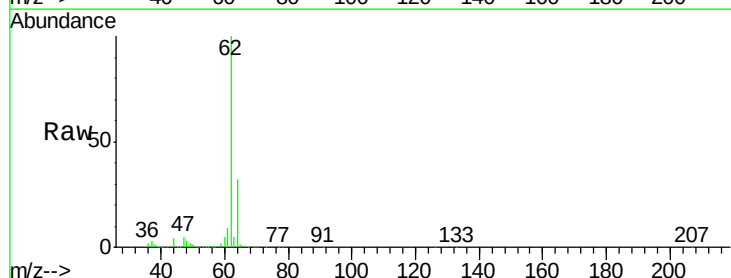
Acq: 14 Sep 2020 9:58

Tgt Ion: 62 Resp: 309126

Ion Ratio Lower Upper

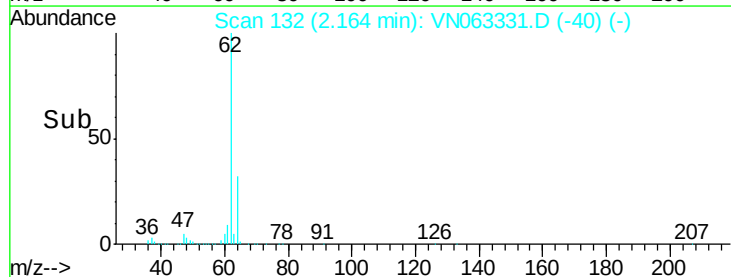
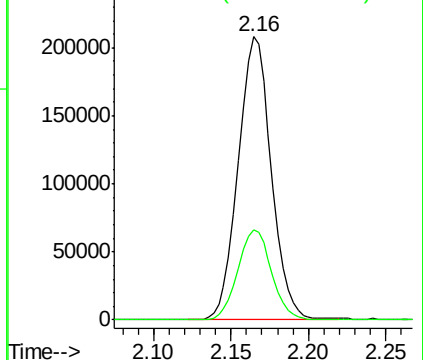
62 100

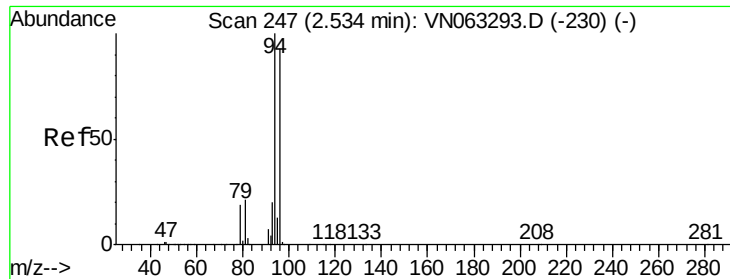
64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.625 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 202324

Ion Ratio Lower Upper

94 100

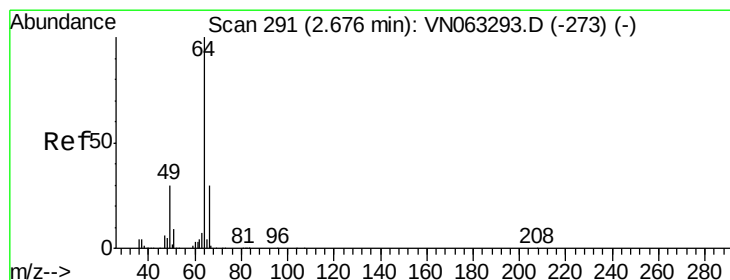
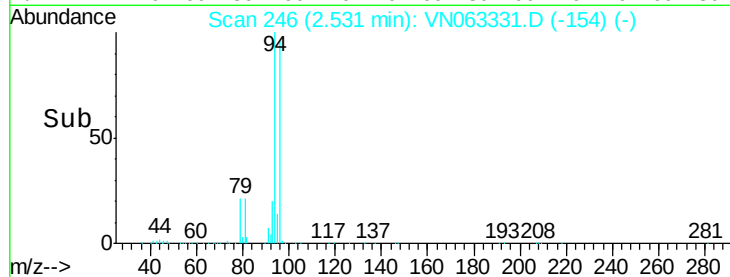
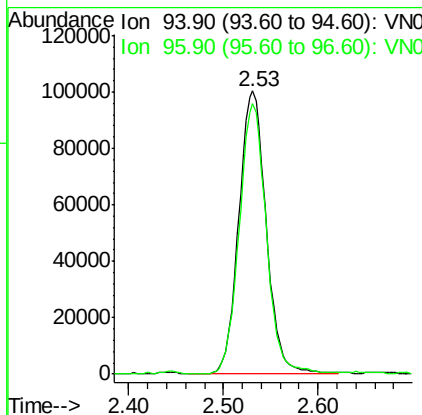
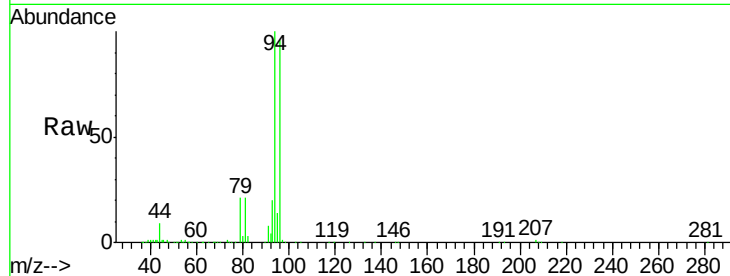
96 95.4 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 45.004 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063331.D

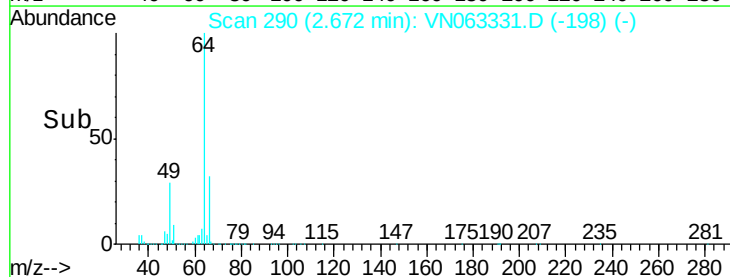
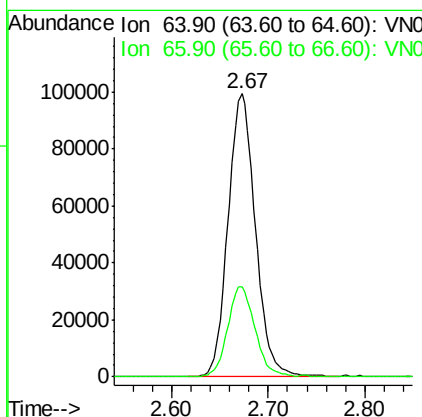
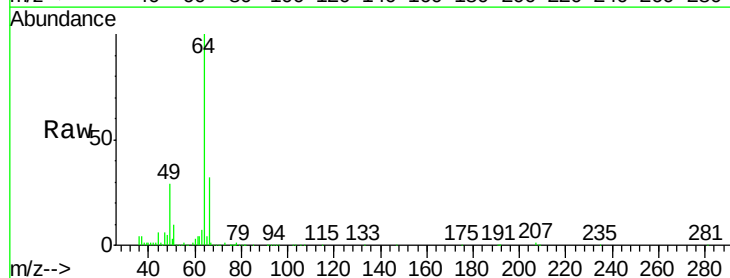
Acq: 14 Sep 2020 9:58

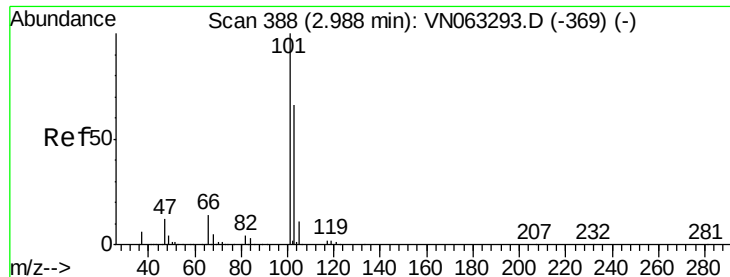
Tgt Ion: 64 Resp: 195695

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.6





#7

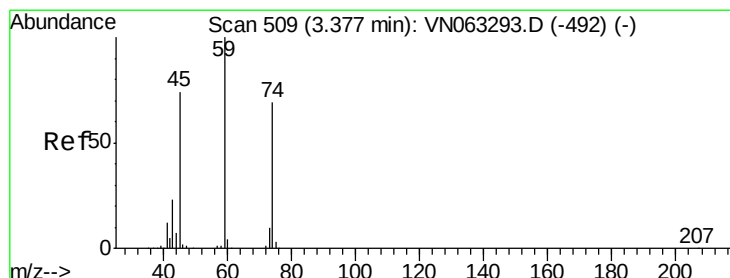
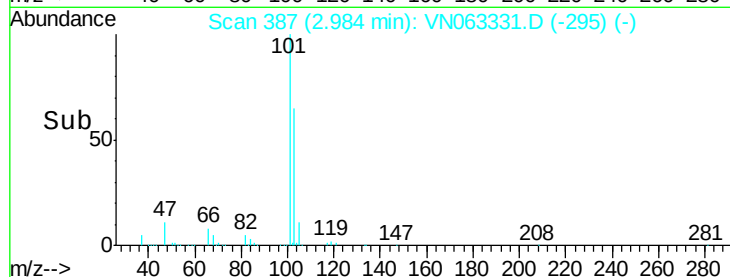
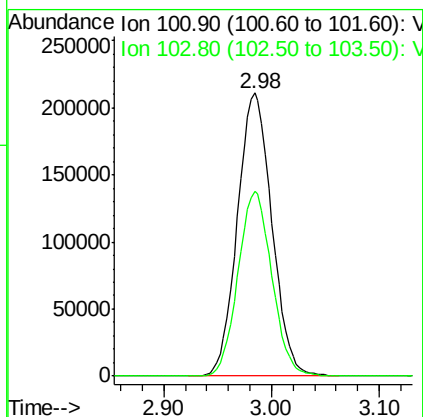
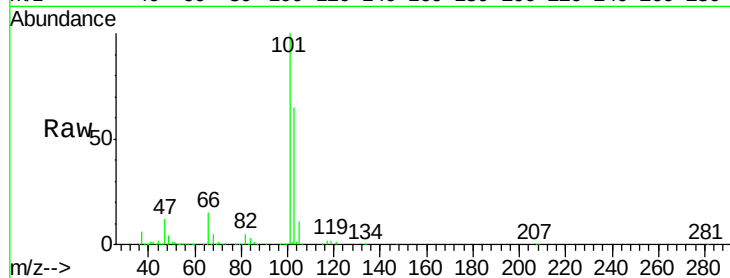
Trichlorofluoromethane
Concen: 45.724 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063331.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

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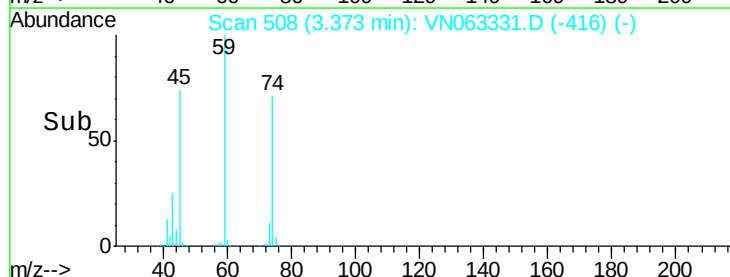
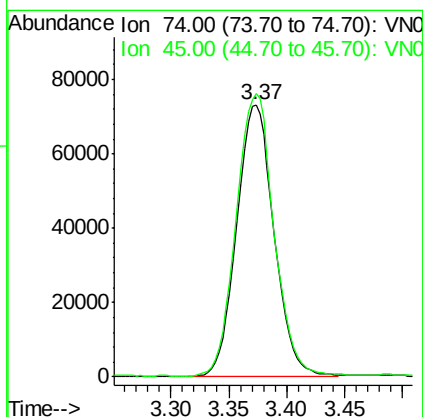
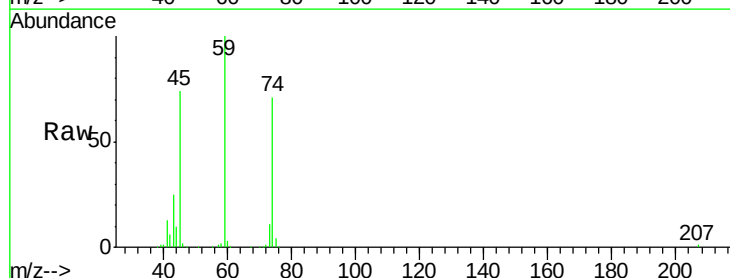
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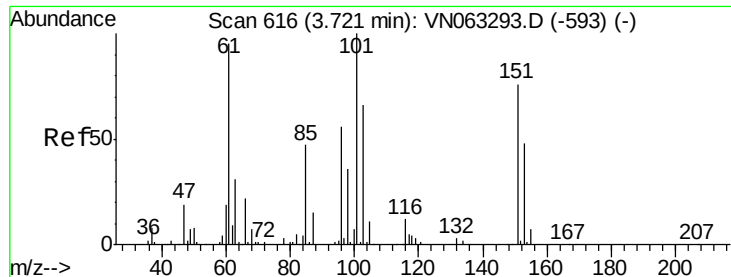


#8

Diethyl Ether
Concen: 44.816 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.636 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

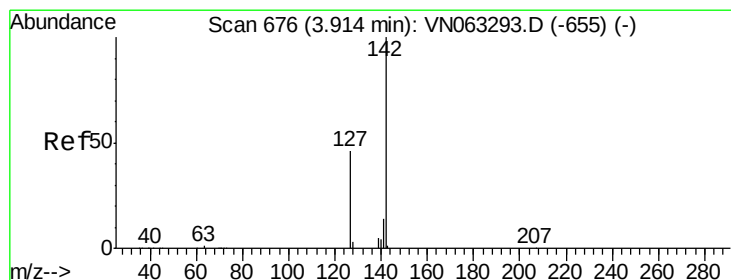
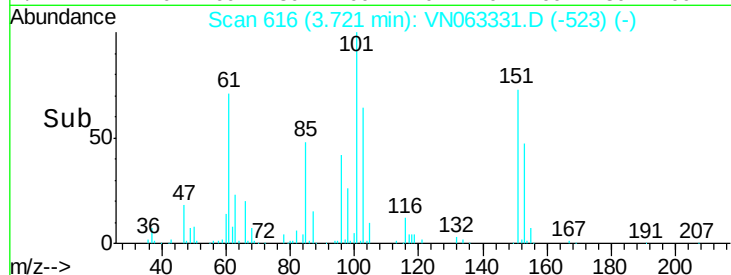
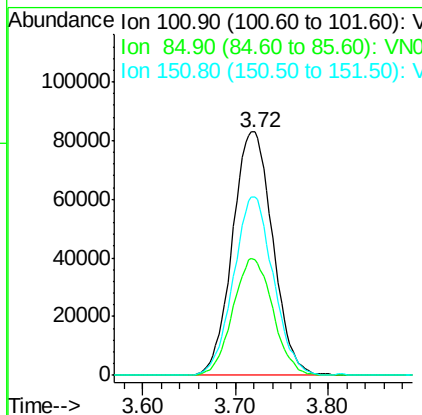
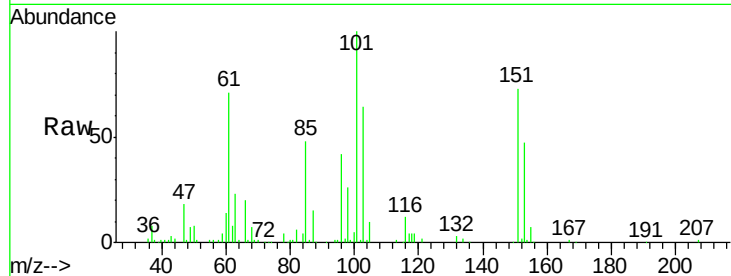
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	250461
Ion Ratio	Lower	Upper	
101	100		
85	47.5	36.9	55.3
151	72.6	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 47.477 ug/l

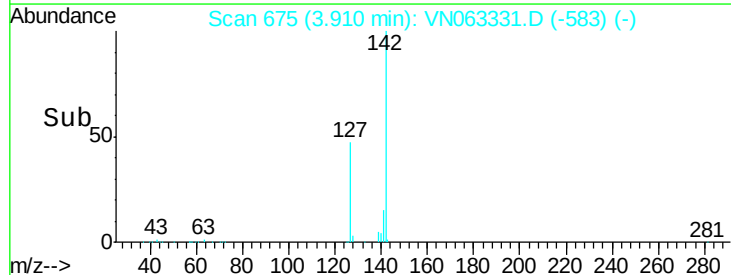
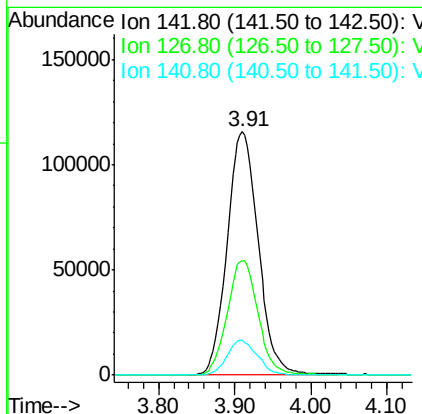
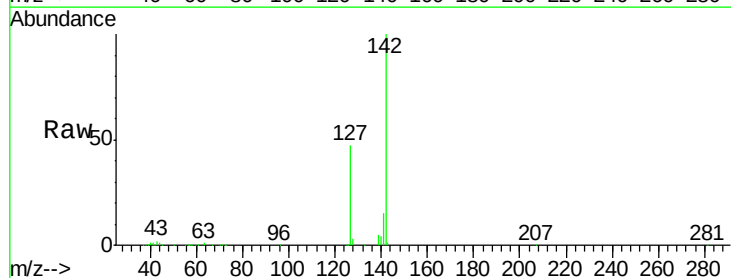
RT: 3.91 min Scan# 675

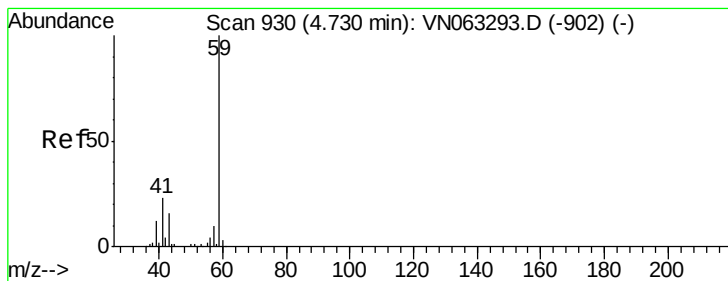
Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion:	142	Resp:	330532
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.1	55.7
141	14.0	11.6	17.4





#11

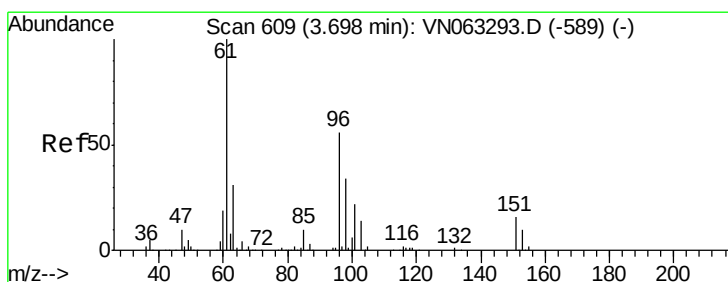
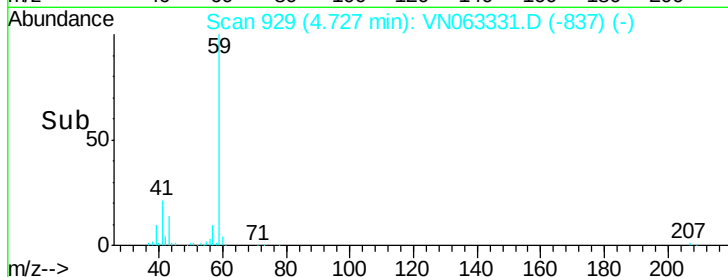
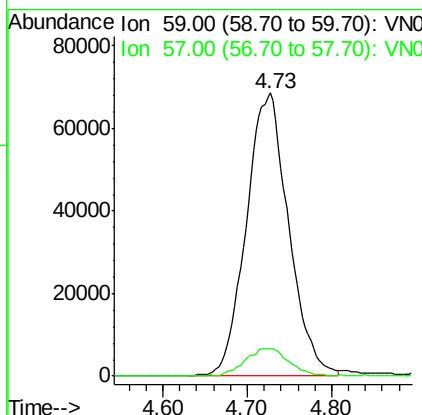
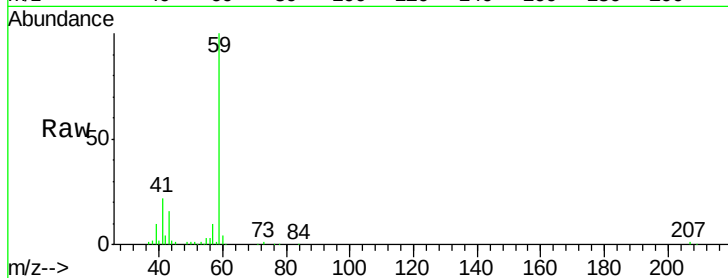
Tert butyl alcohol
Concen: 235.791 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	239619		
57	9.5		8.3	12.5

Manual Integrations
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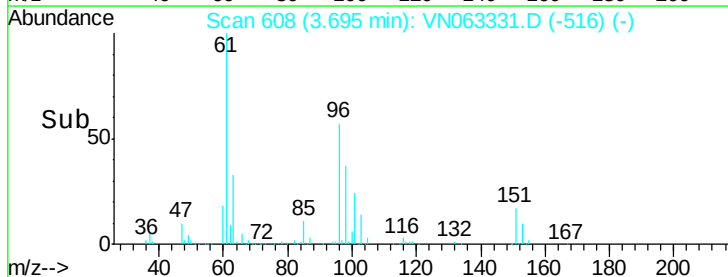
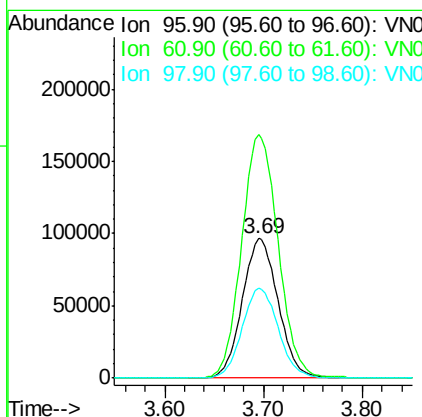
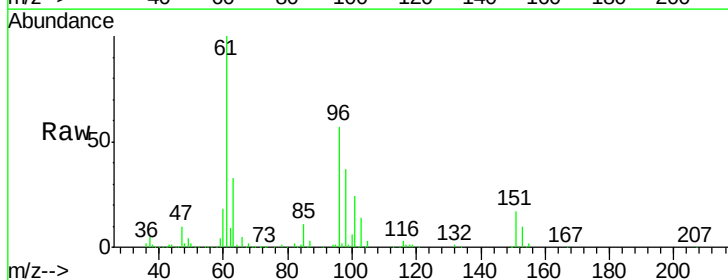
MMDadoda
9/15/2020 1:58:50 PM

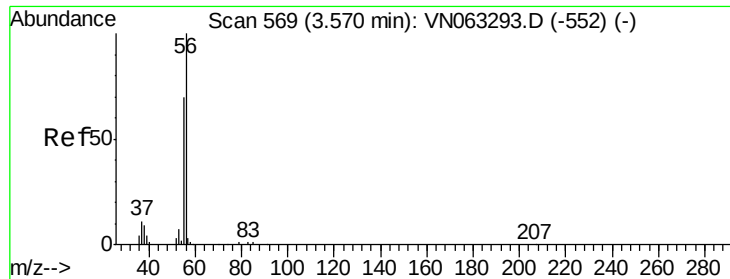


#12

1,1-Dichloroethene
Concen: 45.474 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	243788		
61	174.5		142.1	213.1
98	64.2		48.8	73.2





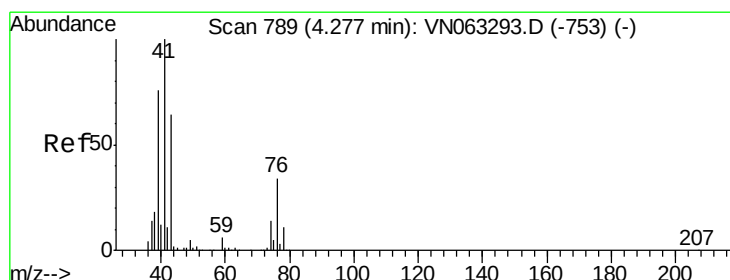
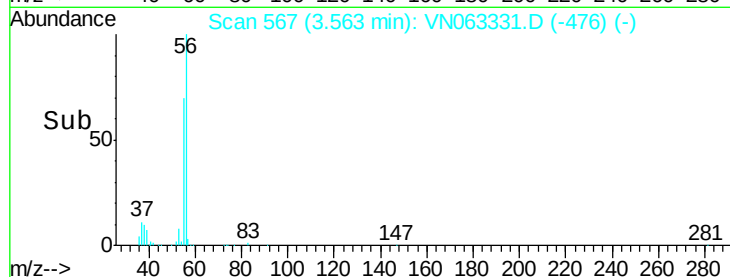
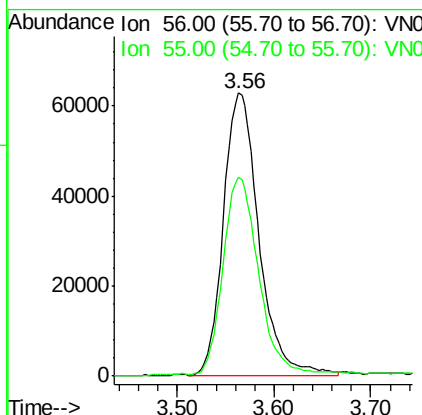
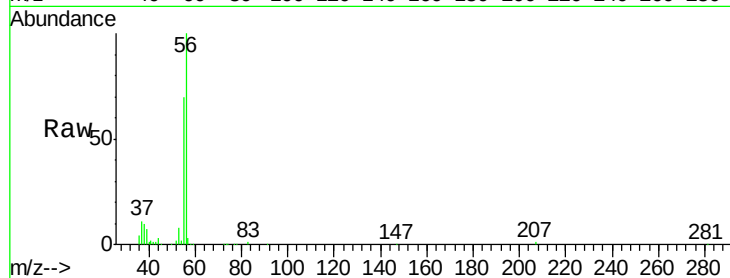
#13
Acrolein
Concen: 282.630 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	159270
Ion Ratio	Lower	Upper	
56	100		
55	69.4	57.2	85.8

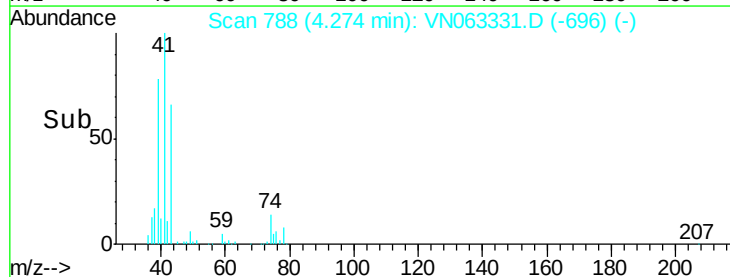
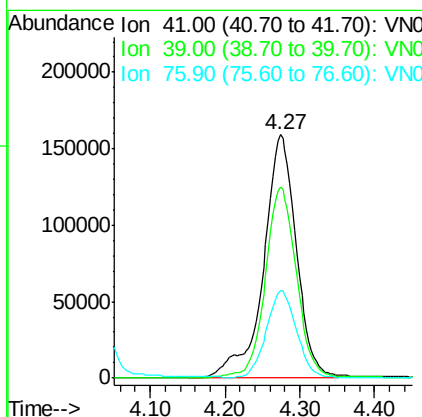
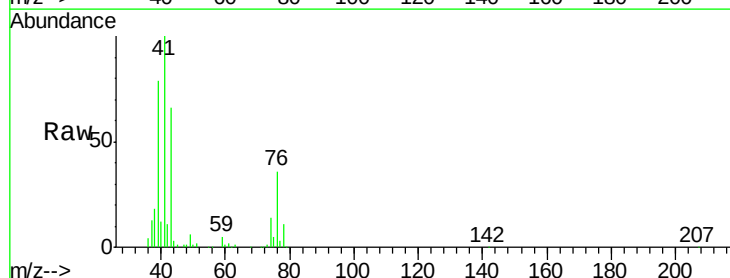
Manual Integrations
APPROVED

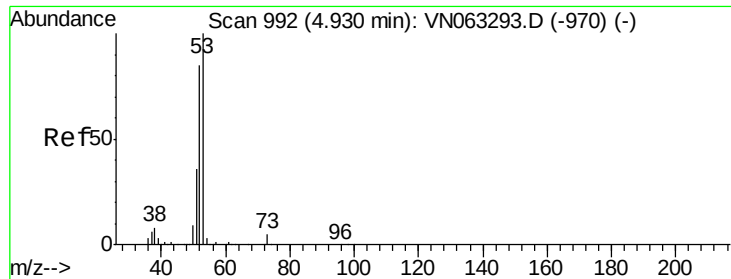
MMDadoda
9/15/2020 1:58:50 PM



#14
Allyl chloride
Concen: 43.884 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	41	Resp	482957
Ion Ratio	Lower	Upper	
41	100		
39	74.7	57.4	86.2
76	32.5	25.7	38.5





#15

Acrylonitrile

Concen: 234.248 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

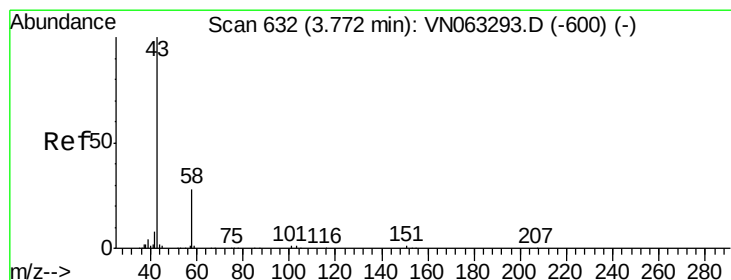
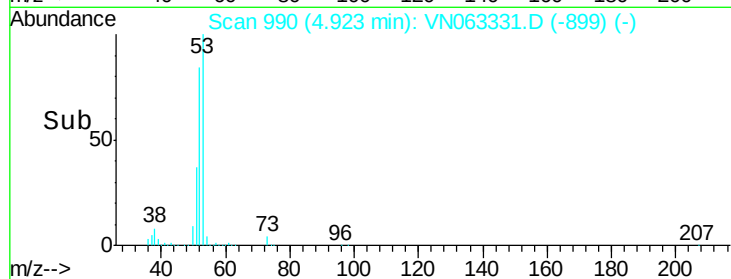
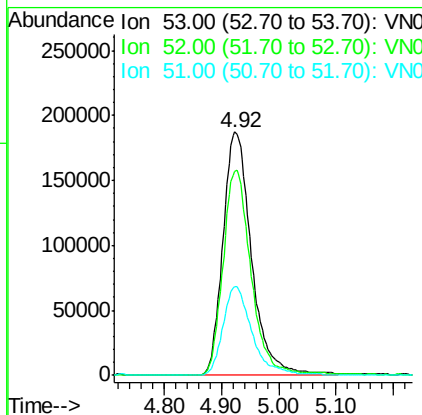
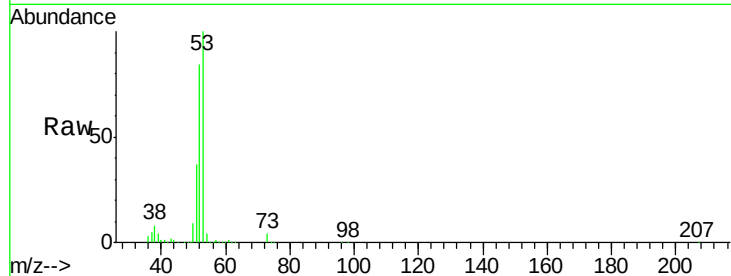
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	650869
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.5	99.7
51	36.7	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 263.012 ug/l

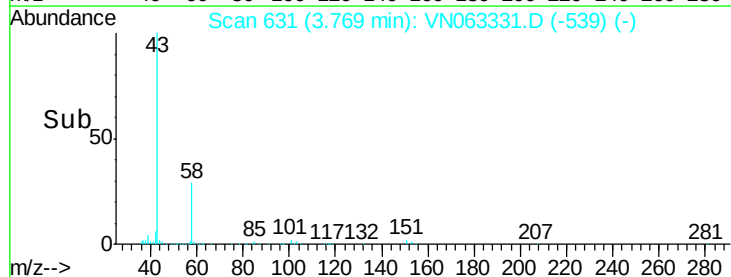
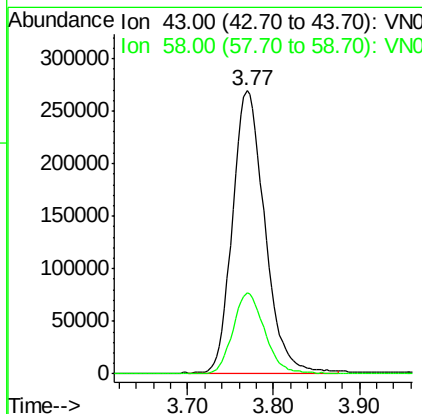
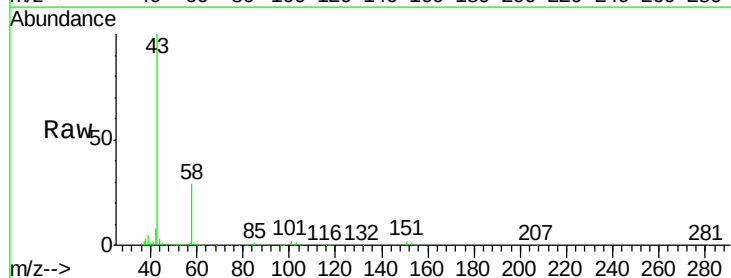
RT: 3.77 min Scan# 631

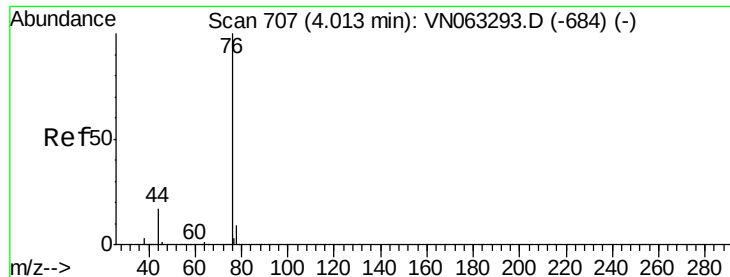
Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion:	43	Resp:	698063
Ion Ratio		Lower	Upper
43	100		
58	28.5	22.6	34.0





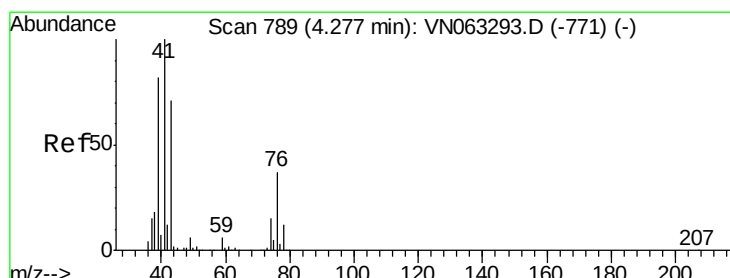
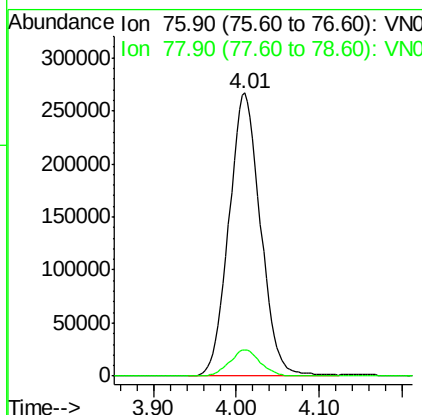
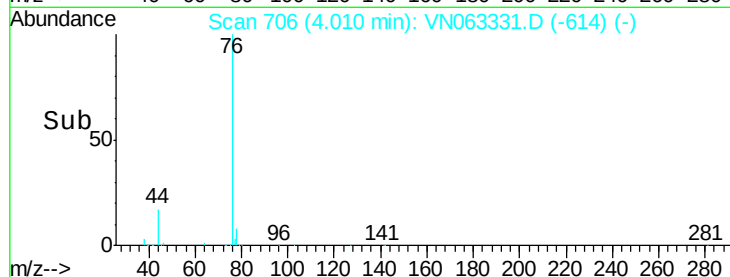
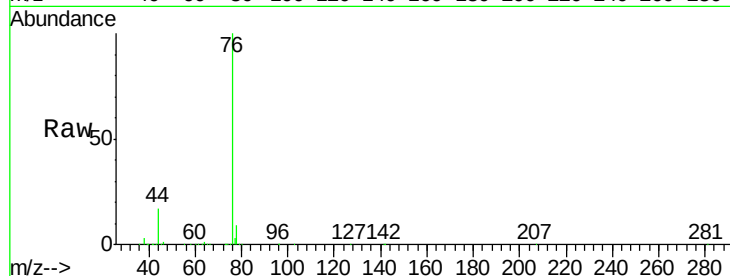
#17
Carbon Disulfide
Concen: 46.608 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

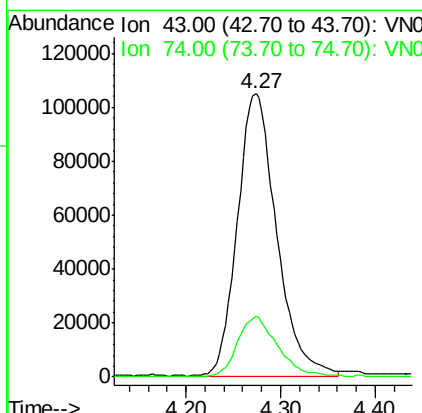
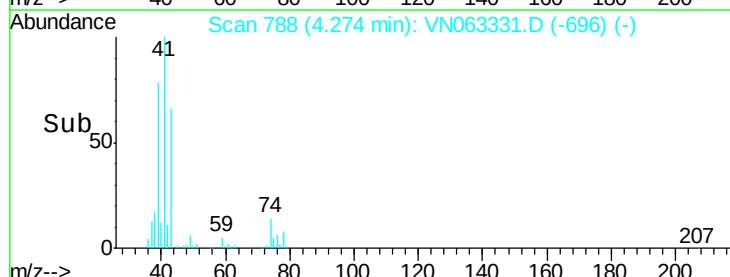
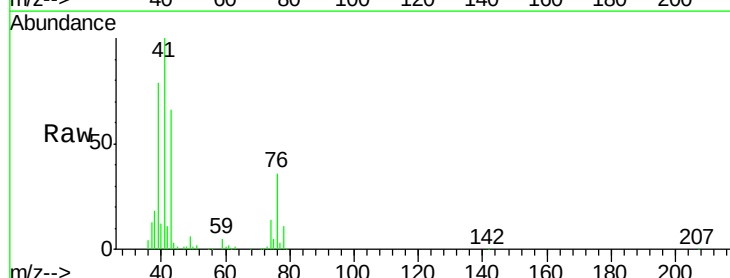
Manual Integrations
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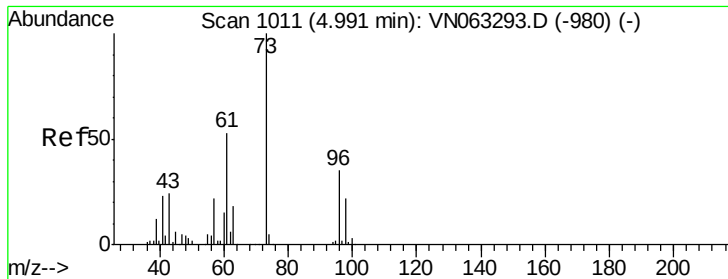
MMDadoda
9/15/2020 1:58:50 PM



#18
Methyl Acetate
Concen: 45.159 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.8	26.6





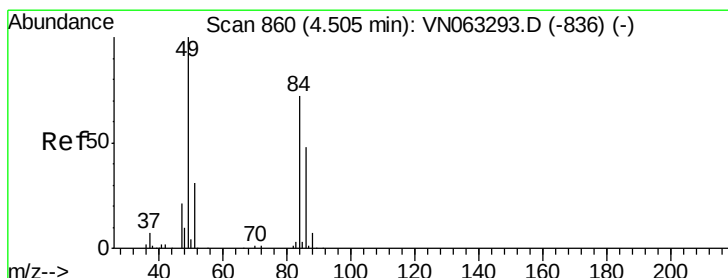
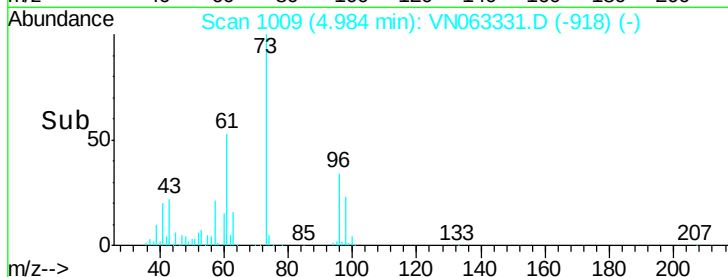
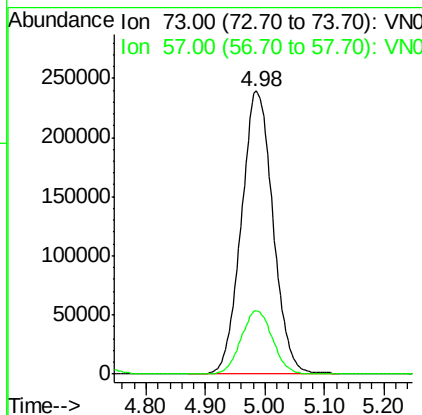
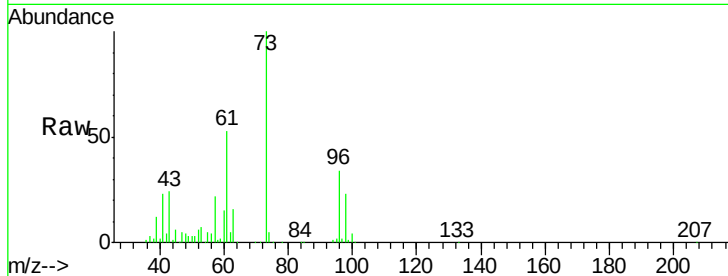
#19
Methvl tert-butvl Ether
Concen: 46.471 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 890227
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3

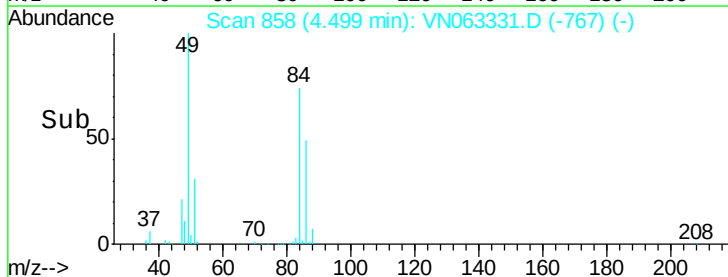
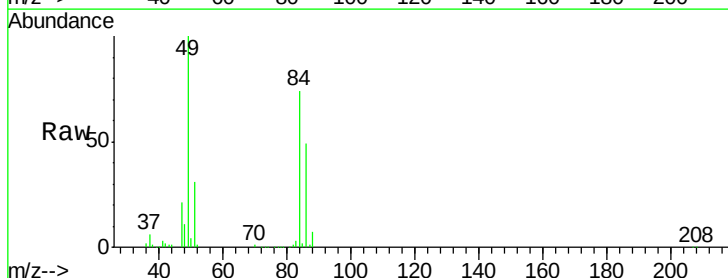
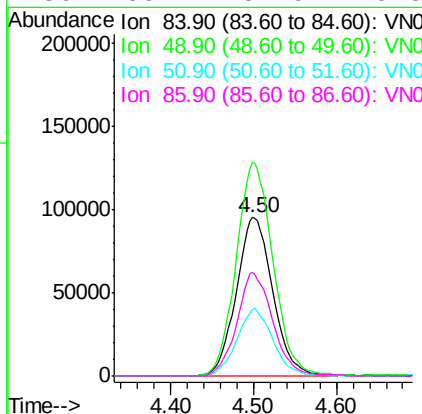
Manual Integrations
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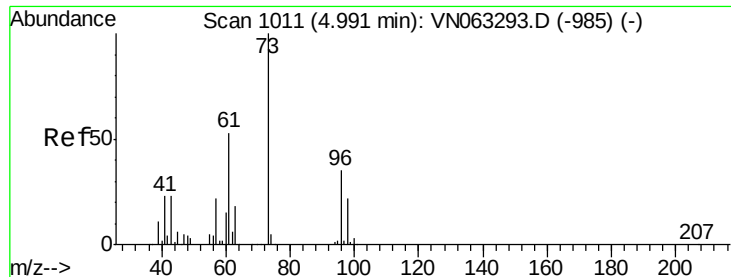
MMDadoda
9/15/2020 1:58:50 PM



#20
Methylene Chloride
Concen: 48.078 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 84 Resp: 290813
Ion Ratio Lower Upper
84 100
49 135.1 111.1 166.7
51 42.1 34.3 51.5
86 65.7 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 45.066 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 270374

Ion Ratio Lower Upper

96 100

61 149.6 121.8 182.8

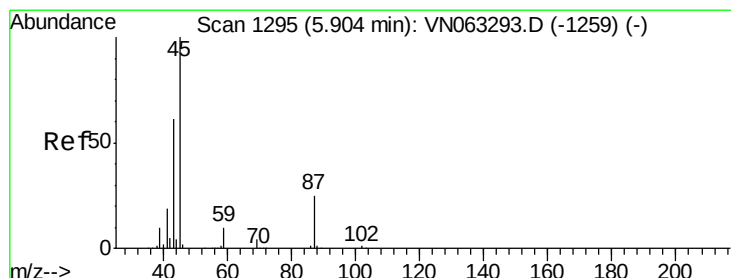
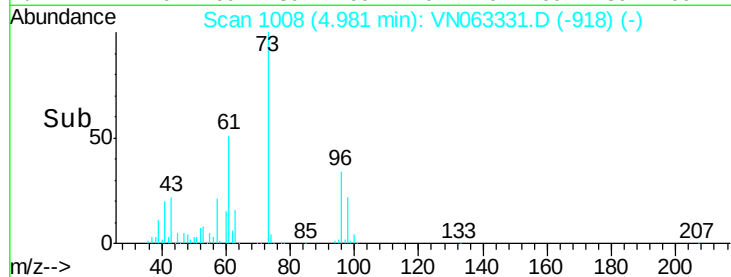
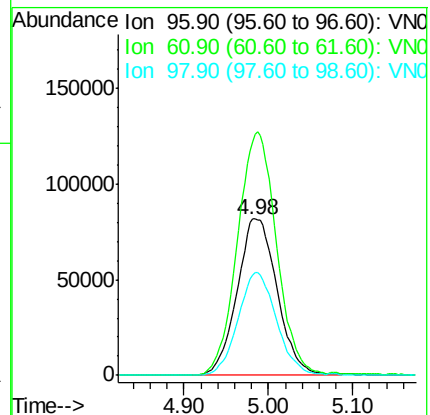
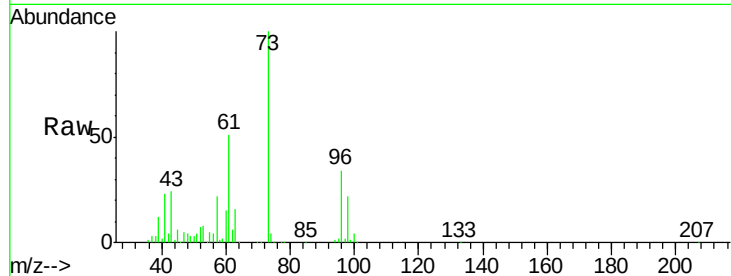
98 64.6 51.2 76.8

Manual Integrations

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MMDadoda

9/15/2020 1:58:50 PM



#22

Diisopropyl ether

Concen: 45.759 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion: 45 Resp: 991058

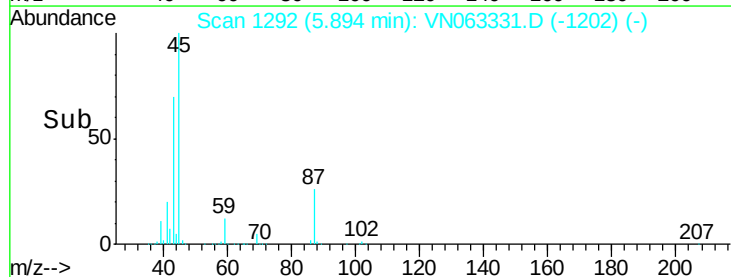
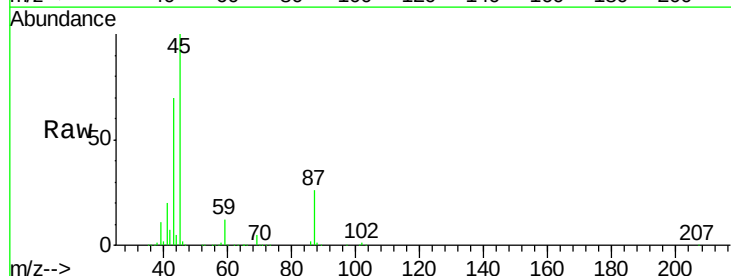
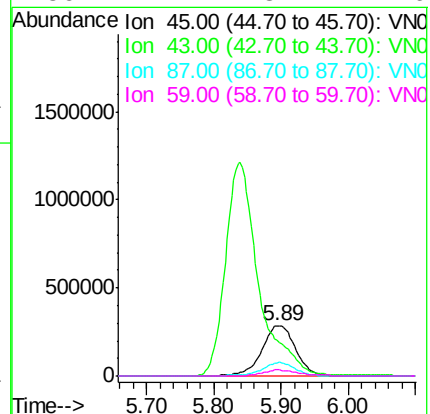
Ion Ratio Lower Upper

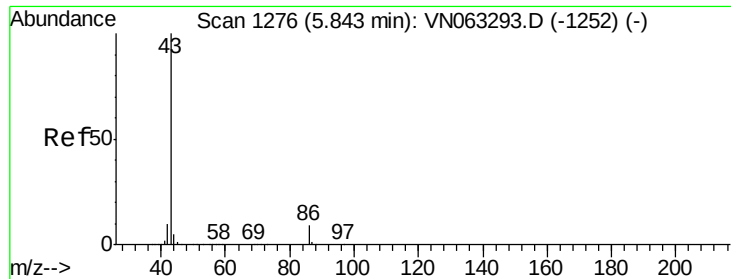
45 100

43 70.1 50.3 75.5

87 26.0 20.7 31.1

59 11.7 8.4 12.6





#23

Vinyl Acetate

Concen: 243.684 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4154202

Ion Ratio Lower Upper

43 100

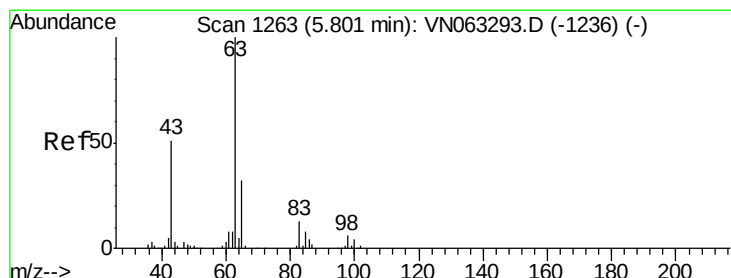
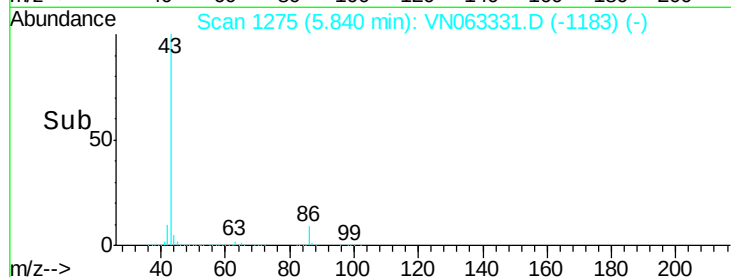
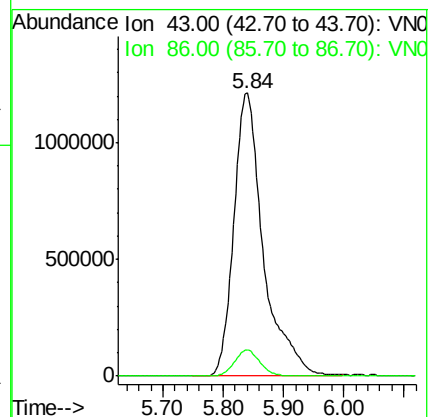
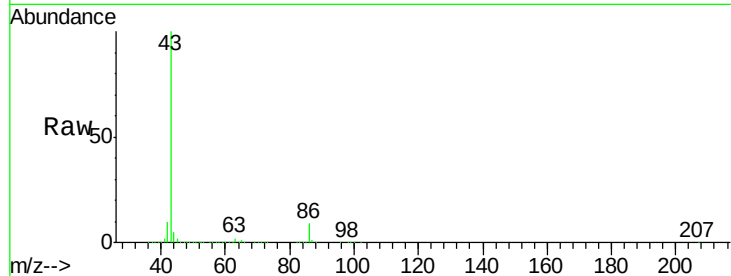
86 9.4 7.2 10.8

Manual Integrations

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MMDadoda

9/15/2020 1:58:50 PM



#24

1,1-Dichloroethane

Concen: 46.117 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

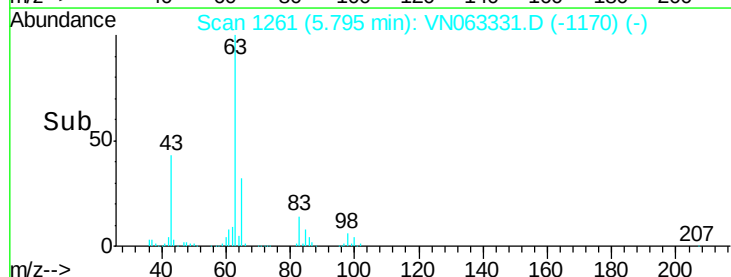
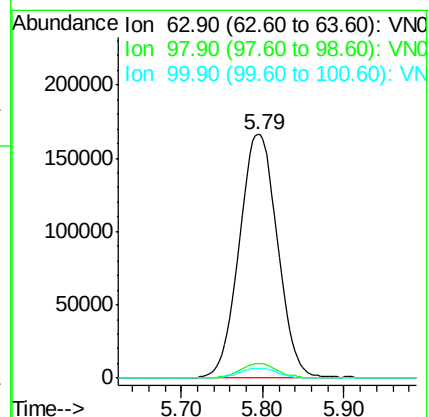
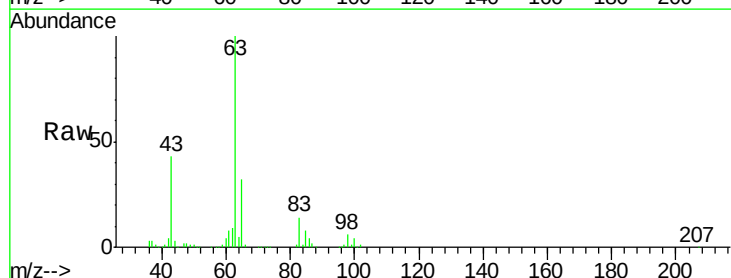
Tgt Ion: 63 Resp: 540895

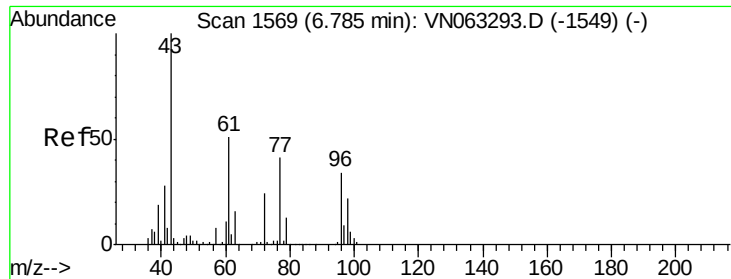
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 4.0 2.0 6.0





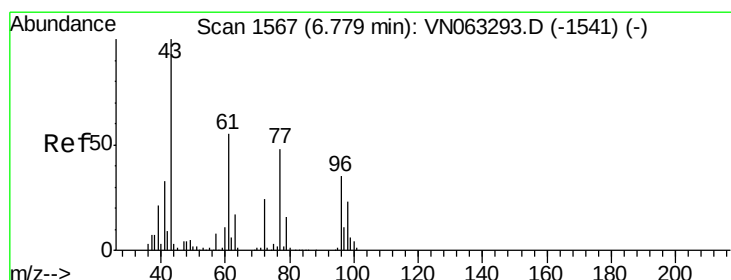
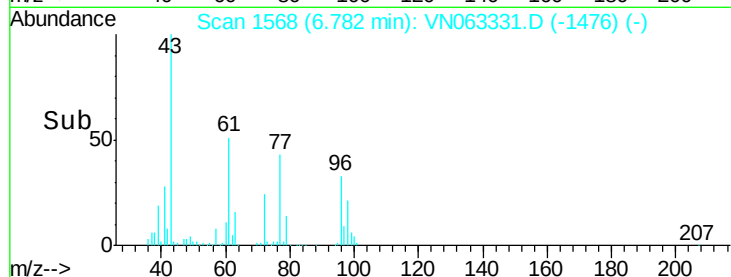
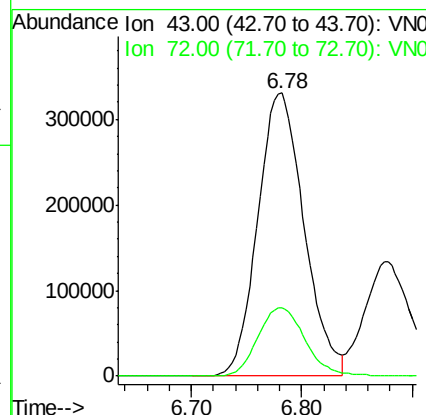
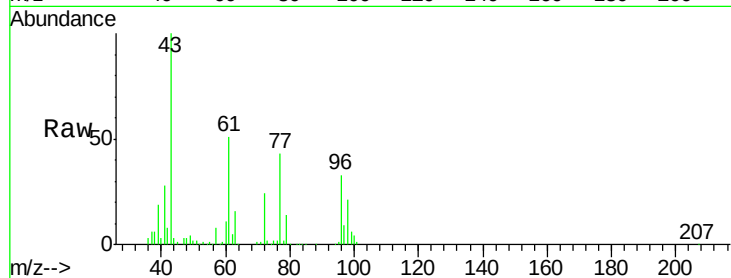
#25
2-Butanone
Concen: 244.370 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 958080
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2

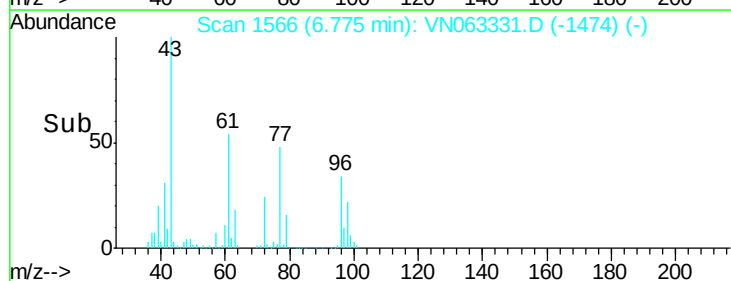
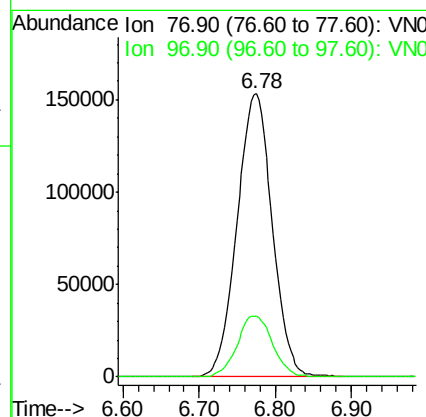
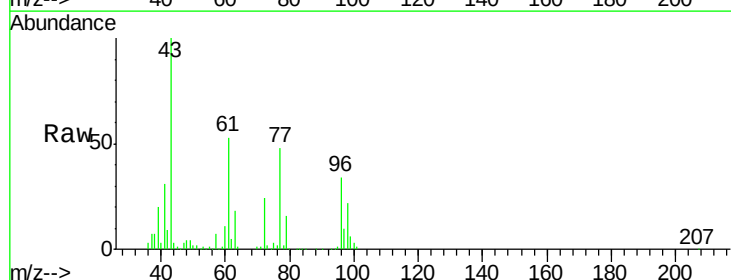
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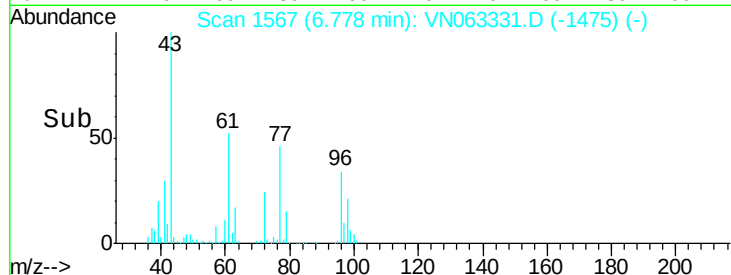
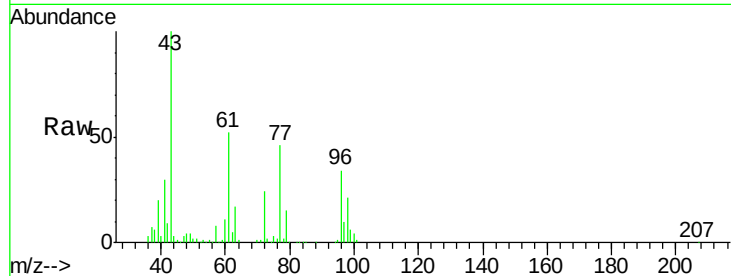
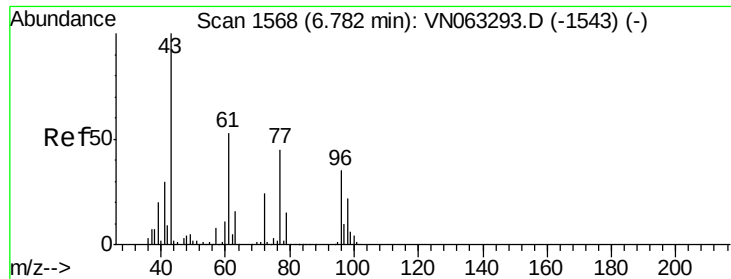
MMDadoda
9/15/2020 1:58:50 PM



#26
2,2-Dichloropropane
Concen: 47.877 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 77 Resp: 492173
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 45.321 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063331.D

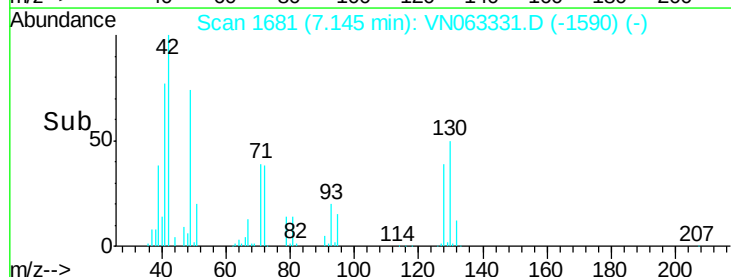
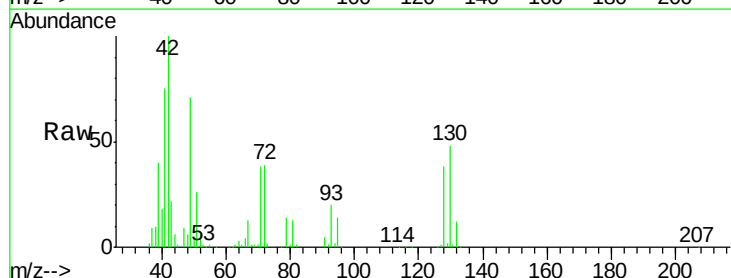
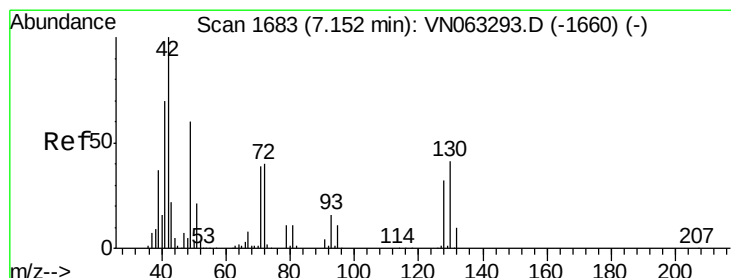
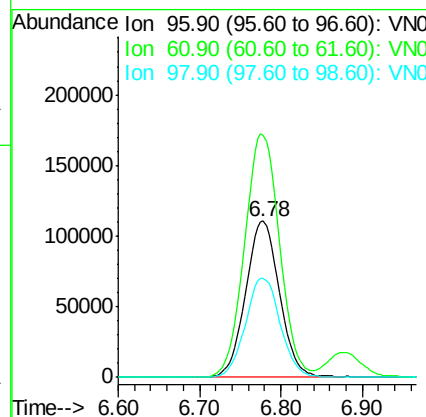
Acq: 14 Sep 2020 9:58

Tot Ion:	96	Resp:	316880
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	322.8
98	65.0	0.0	132.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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9/15/2020 1:58:50 PM



#28

Bromochloromethane

Concen: 47.813 ug/l

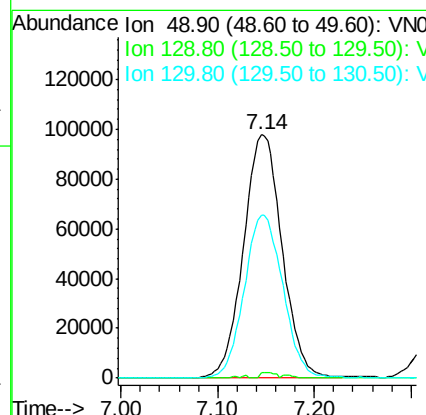
RT: 7.14 min Scan# 1681

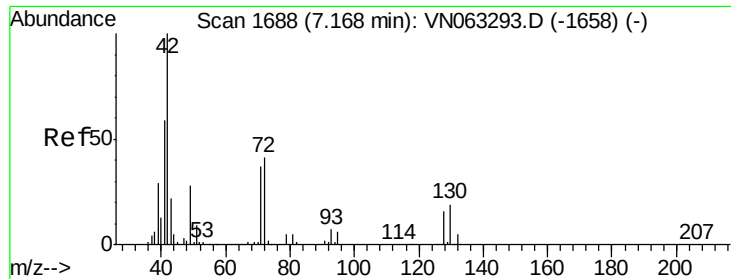
Delta R.T. -0.01 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion:	49	Resp:	271932
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.4
130	67.0	53.1	79.7





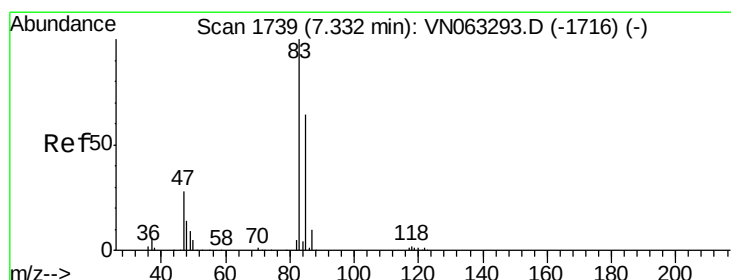
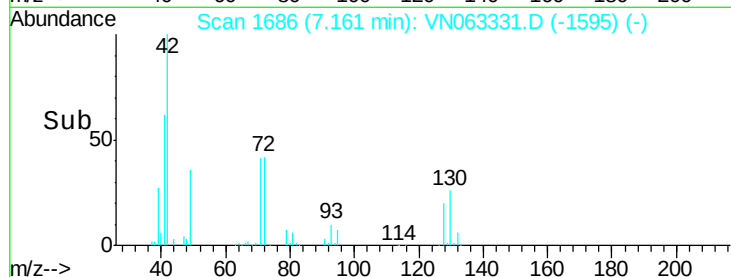
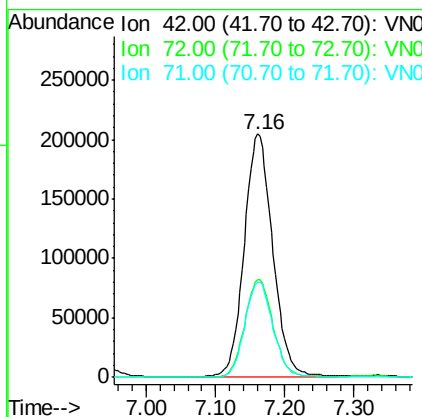
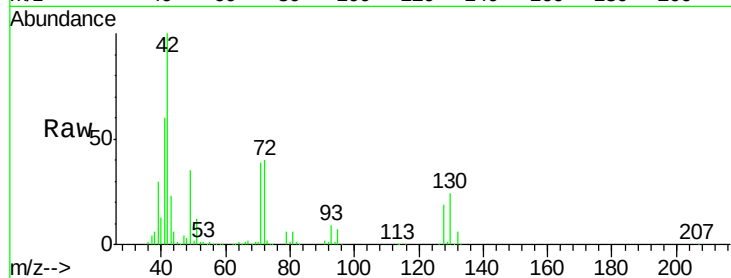
#29
Tetrahydrofuran
Concen: 228.787 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.4	47.2
71	38.6	30.0	45.0

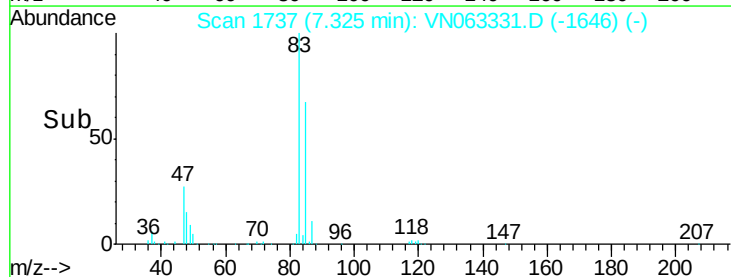
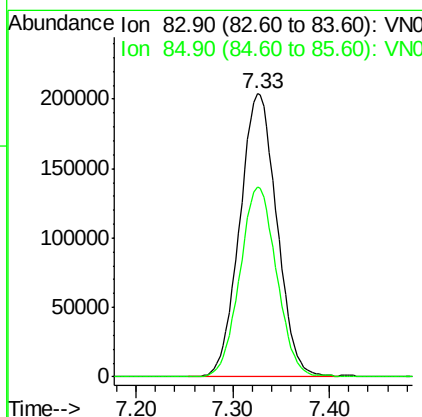
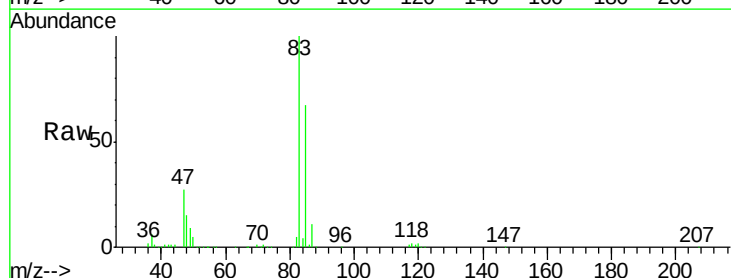
Manual Integrations
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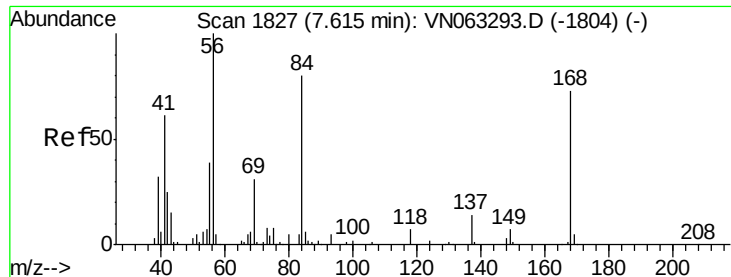
MMDadoda
9/15/2020 1:58:50 PM



#30
Chloroform
Concen: 46.245 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.2	76.8





#31

Cyclohexane

Concen: 43.950 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 473805

Ion Ratio Lower Upper

56 100

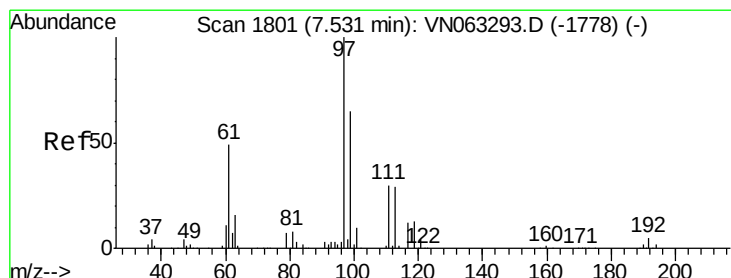
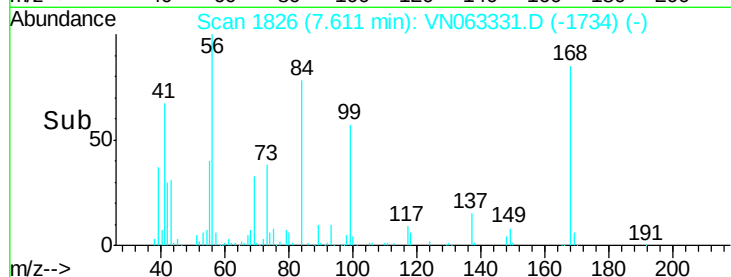
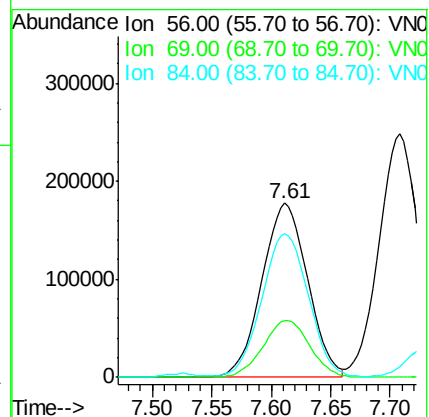
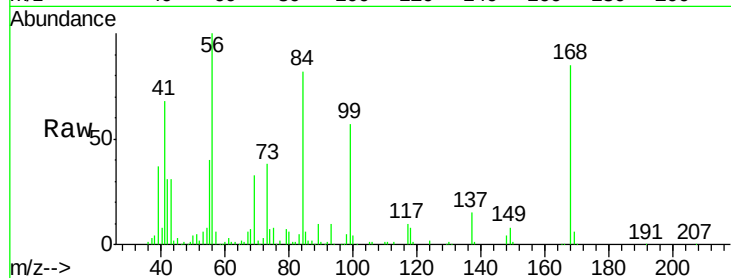
69 32.9 25.1 37.7

84 80.8 64.2 96.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.981 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

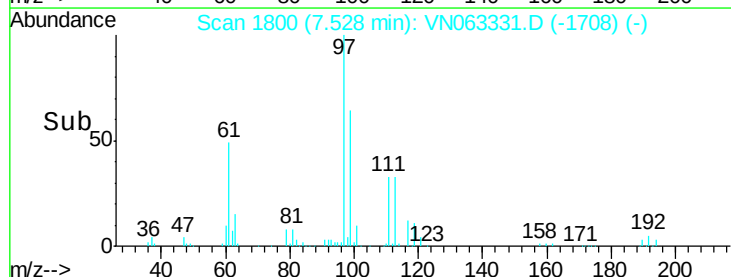
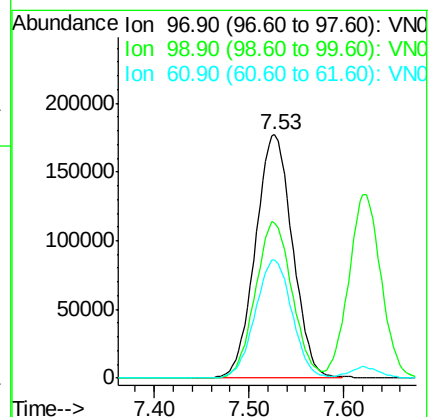
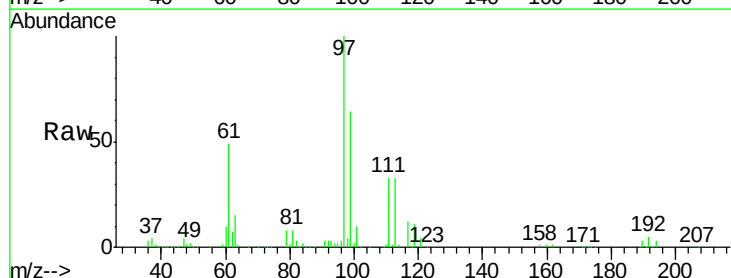
Tgt Ion: 97 Resp: 480950

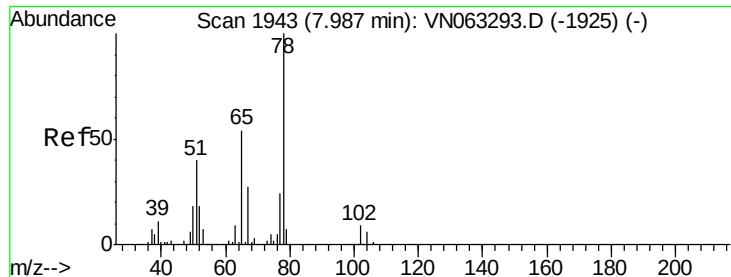
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

61 48.3 38.9 58.3





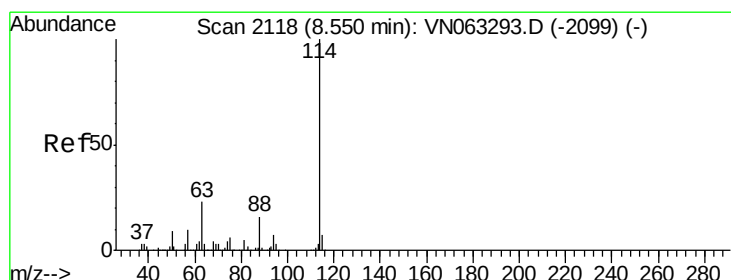
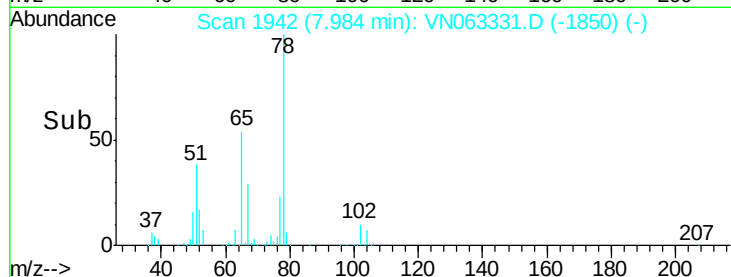
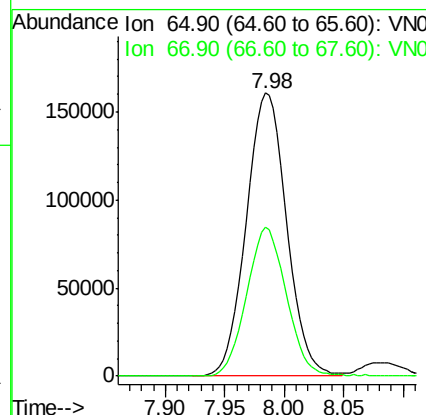
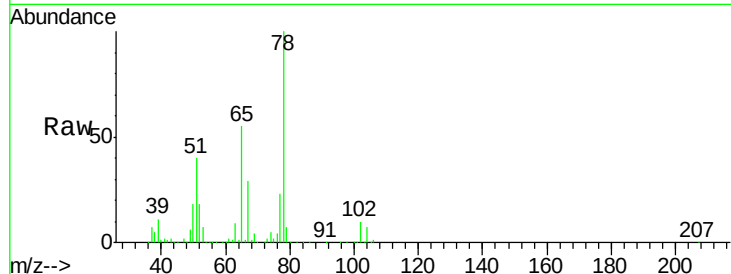
#33
 1,2-Dichloroethane-d4
 Concen: 49.274 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

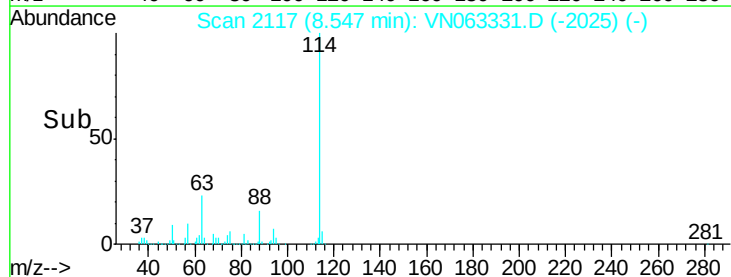
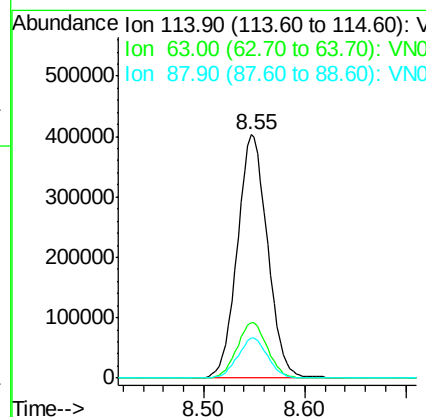
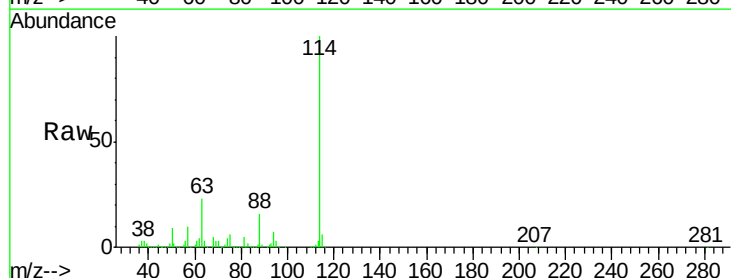
Manual Integrations
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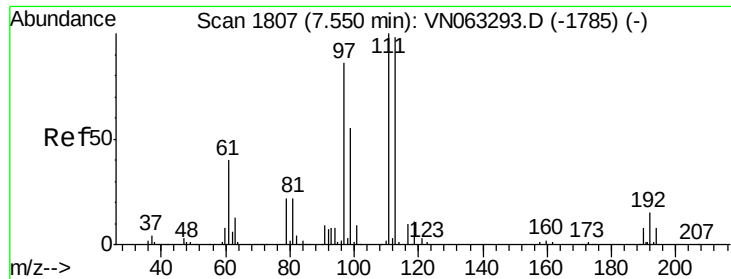
MMDadoda
 9/15/2020 1:58:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	16.3	0.0	32.8





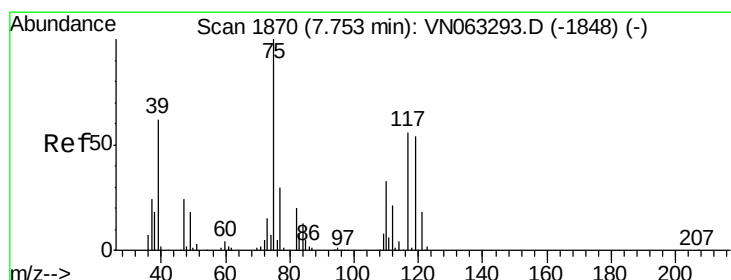
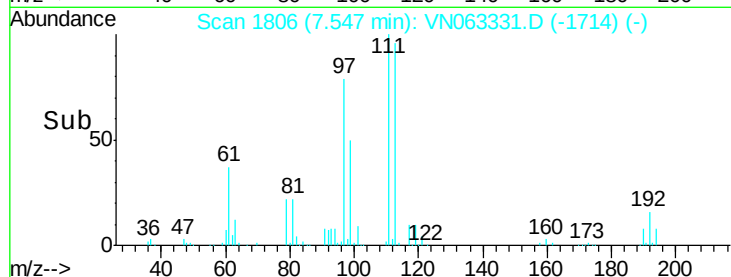
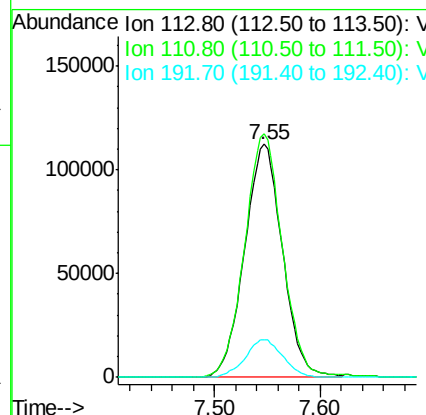
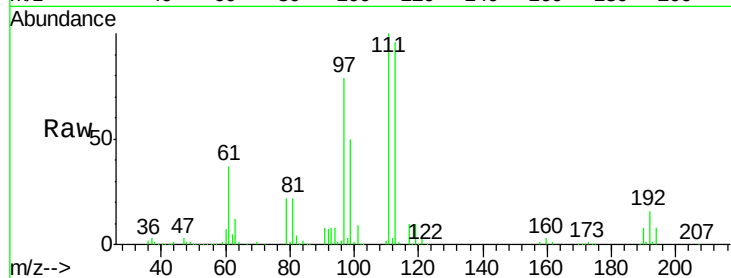
#35
 Dibromofluoromethane
 Concen: 52.091 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	281071		
111	104.3	82.2	123.2	
192	16.2	12.9	19.3	

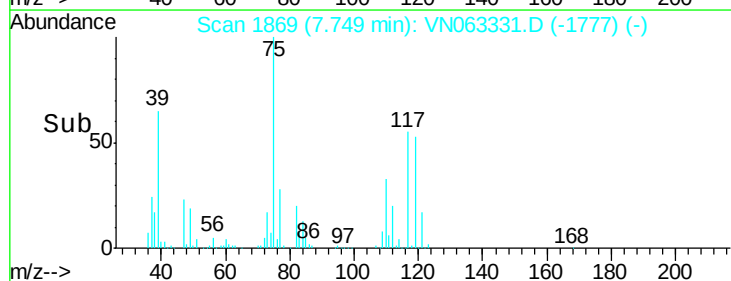
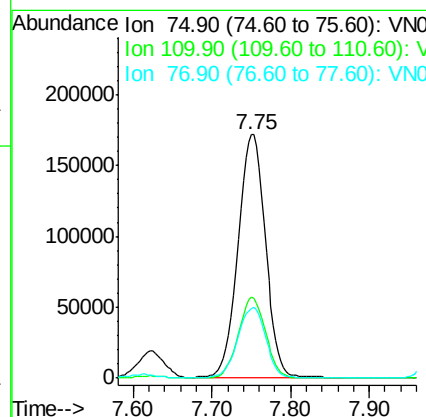
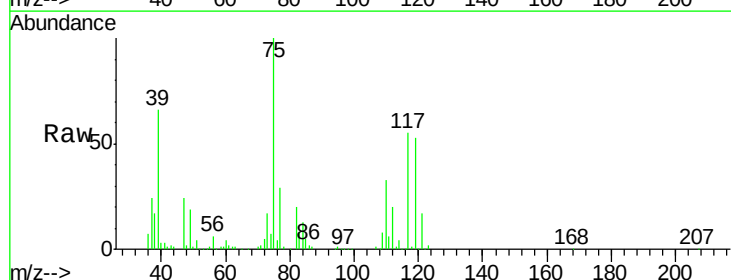
Manual Integrations
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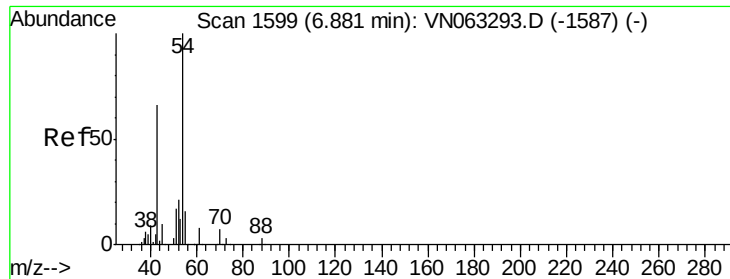
MMDadoda
 9/15/2020 1:58:50 PM



#36
 1,1-Dichloropropene
 Concen: 48.731 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	418947		
110	32.8	16.4	49.4	
77	29.7	24.8	37.2	





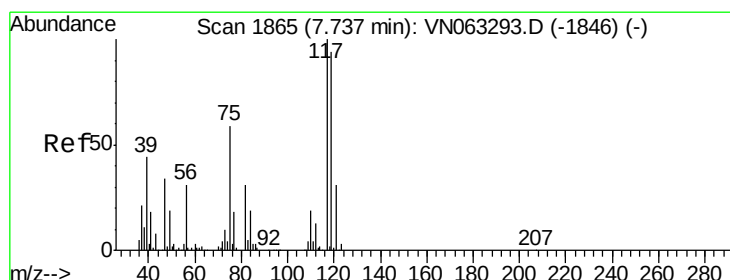
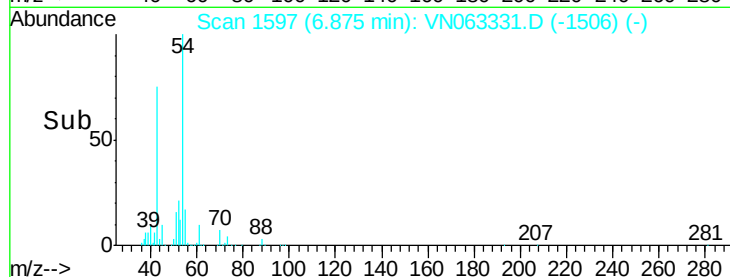
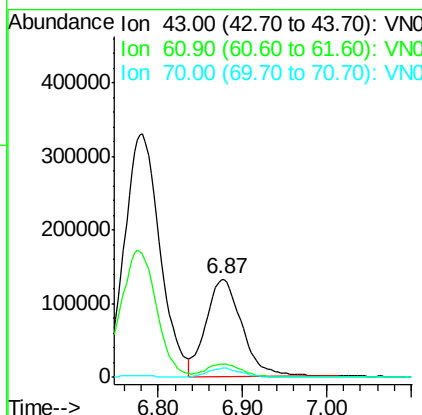
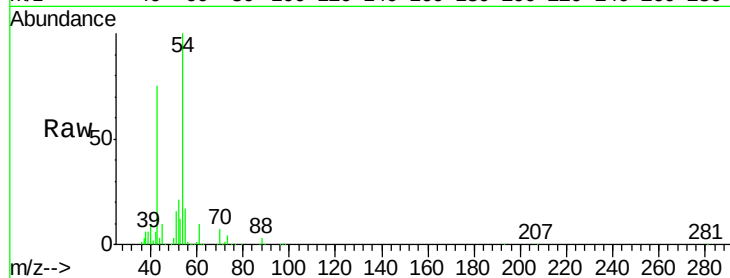
#37
Ethyl Acetate
Concen: 46.474 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.1	15.1
70	9.2	7.4	11.2

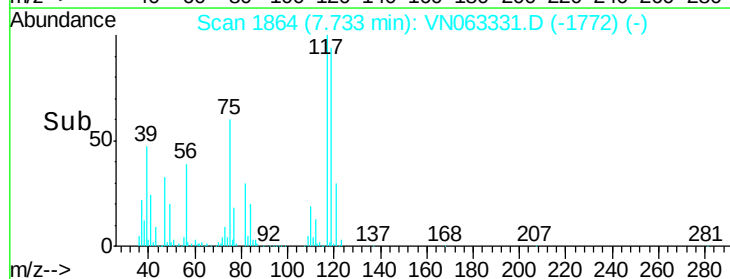
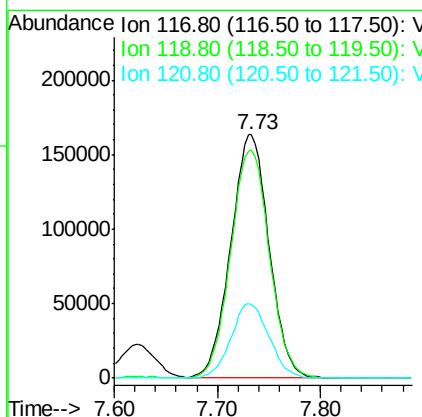
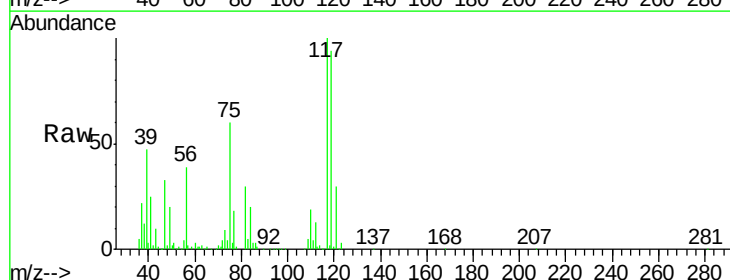
Manual Integrations
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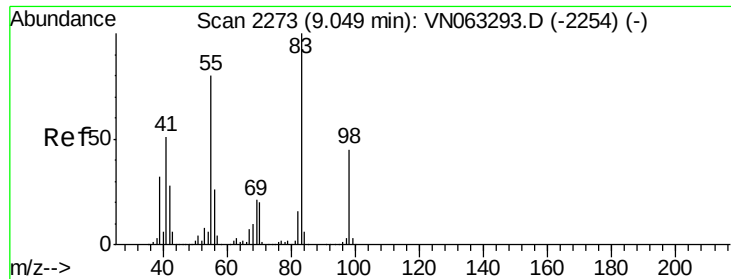
MMDadoda
9/15/2020 1:58:50 PM



#38
Carbon Tetrachloride
Concen: 49.638 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.3	112.9
121	30.4	24.6	37.0





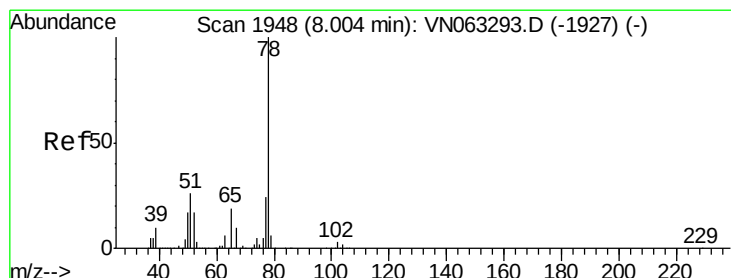
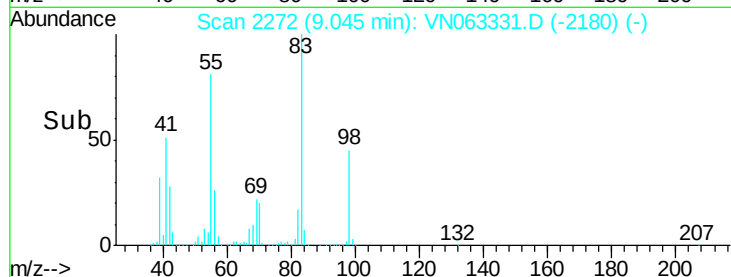
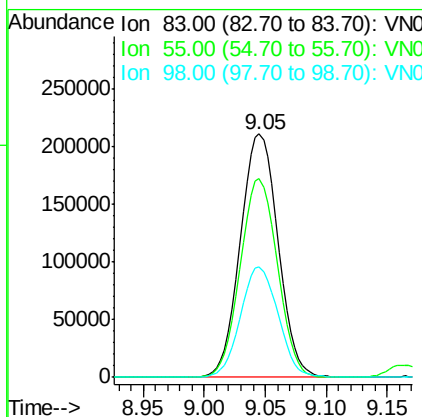
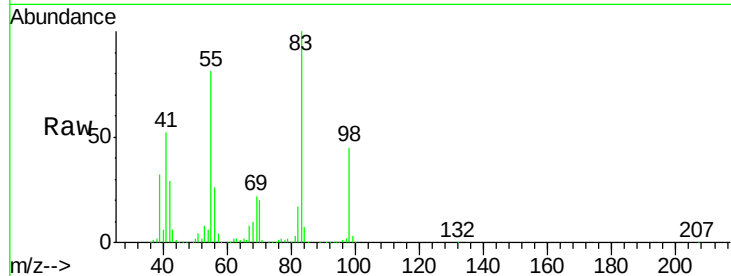
#39
Methylvlcyclohexane
Concen: 48.159 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	451679
Ion Ratio	100	Lower	Upper
83	100		
55	81.3	64.0	96.0
98	45.3	36.4	54.6

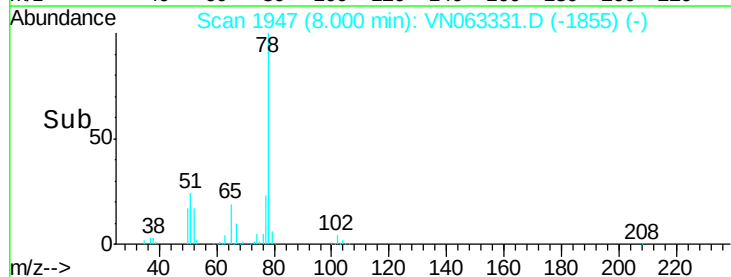
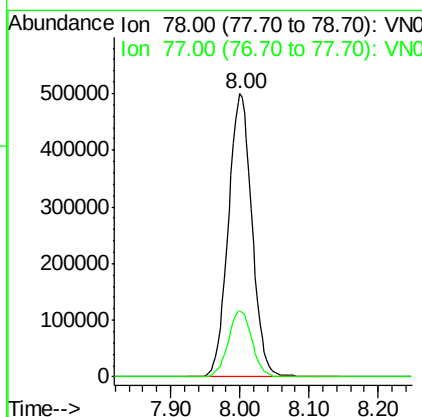
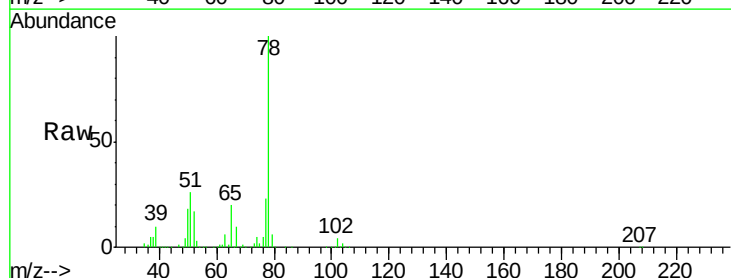
Manual Integrations
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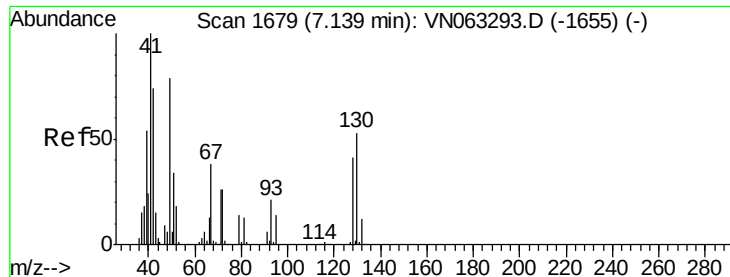
MMDadoda
9/15/2020 1:58:50 PM



#40
Benzene
Concen: 48.446 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	78	Resp	1189593
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.8	28.2





#41

Methacrylonitrile

Concen: 46.390 ug/l

RT: 7.12 min Scan# 1673

Delta R.T. -0.02 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 177477
Ion Ratio Lower Upper

41 100

39 56.9 0.0 0.0#

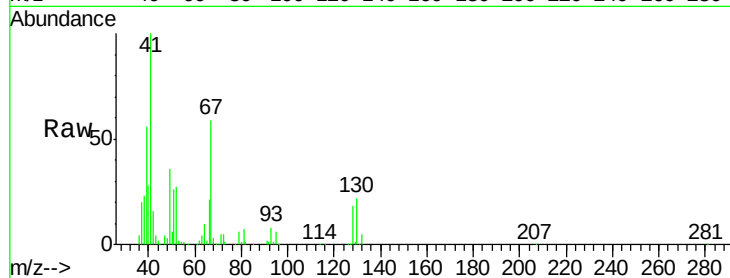
67 80.4 0.0 0.0#

52 37.8 0.0 0.0#

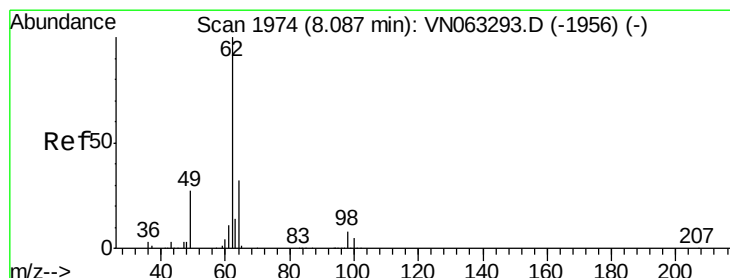
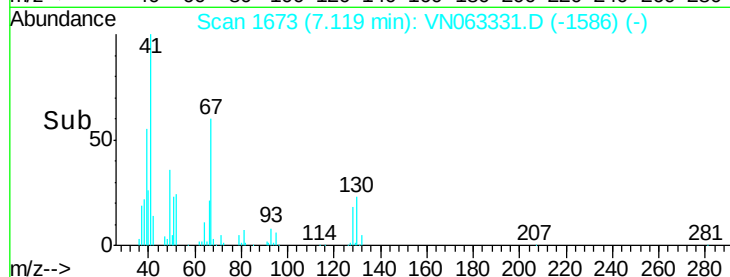
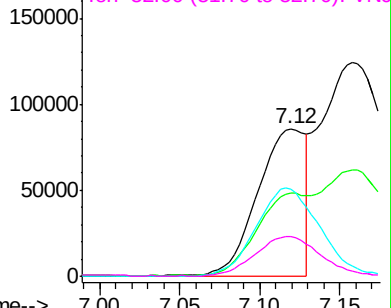
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 48.568 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

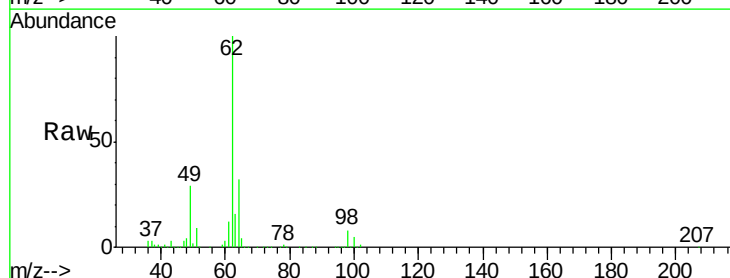
Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

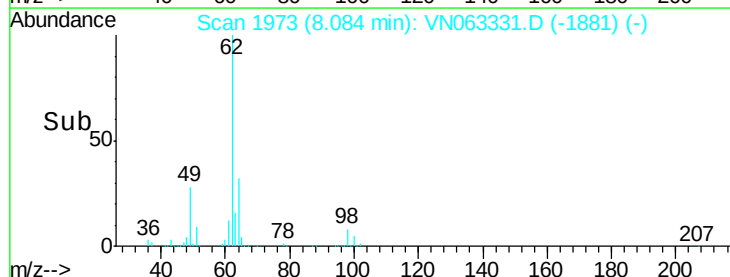
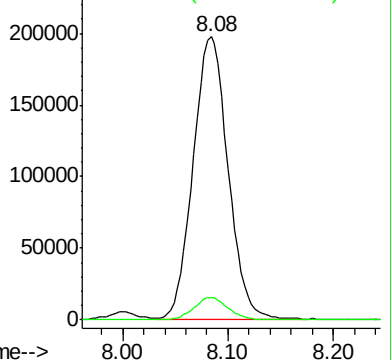
Tgt Ion: 62 Resp: 452473
Ion Ratio Lower Upper

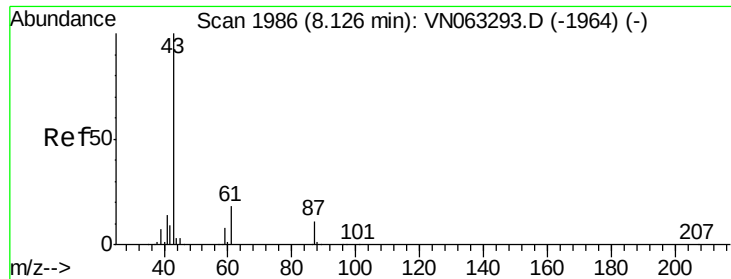
62 100

98 7.8 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

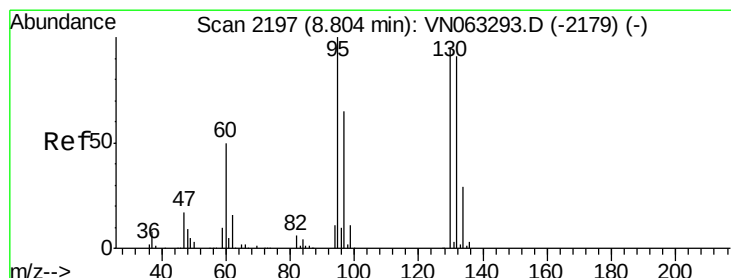
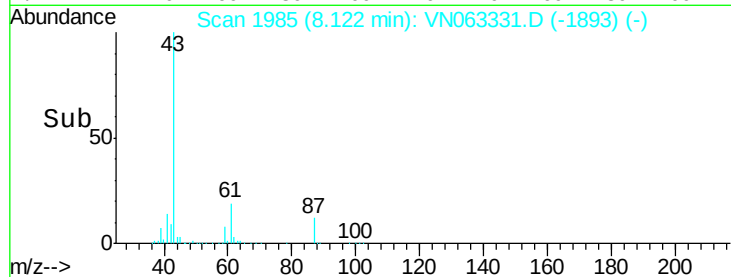
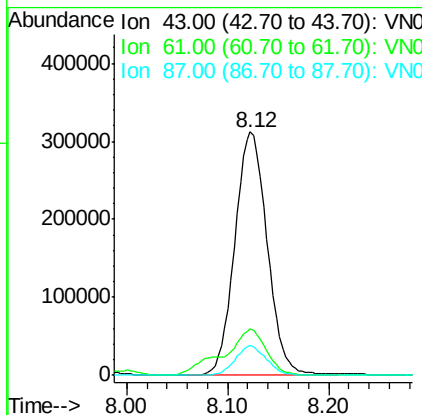
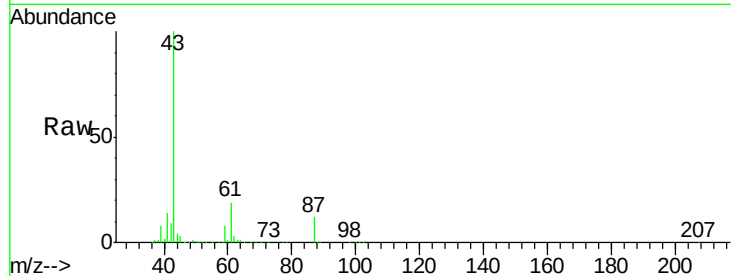
Isopropyl Acetate
 Concen: 48.267 ug/l
 RT: 8.12 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.9	15.1	22.7#
87	11.7	9.2	13.8

Manual Integrations
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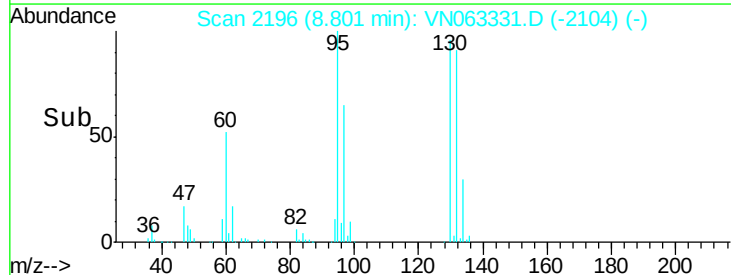
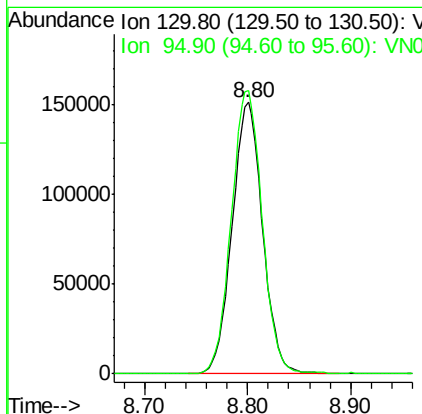
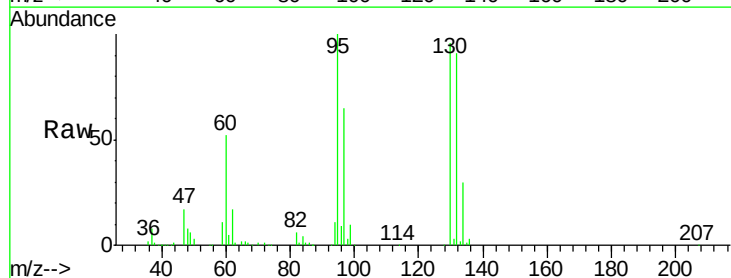
MMDadoda
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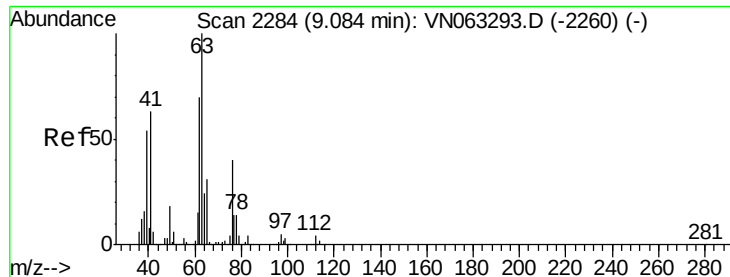


#44

Trichloroethene
 Concen: 48.513 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8





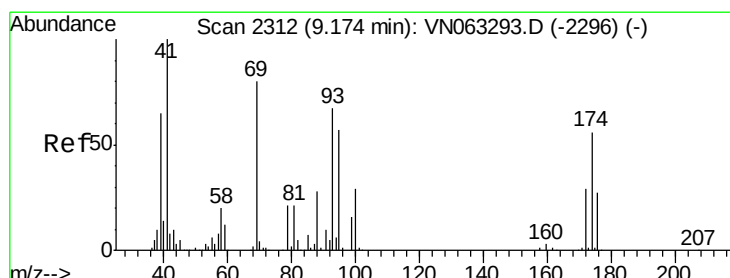
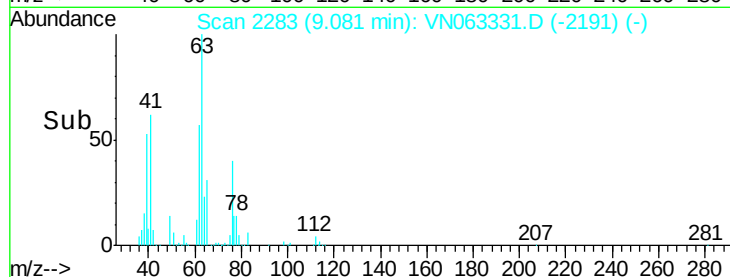
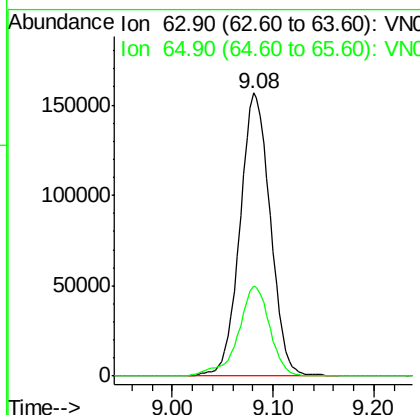
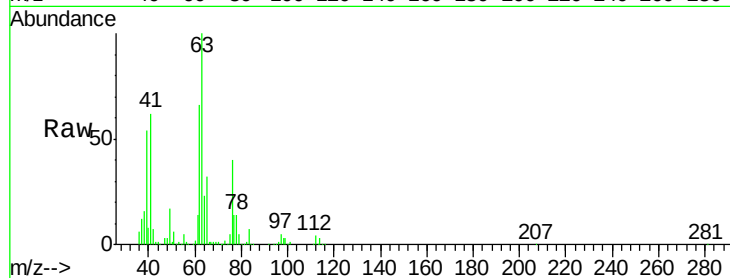
#45
 1,2-Dichloropropane
 Concen: 48.059 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	36.8

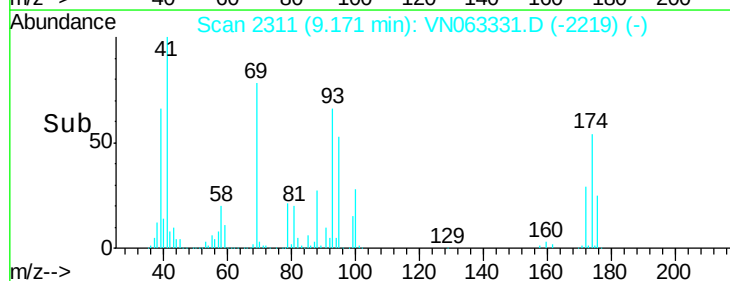
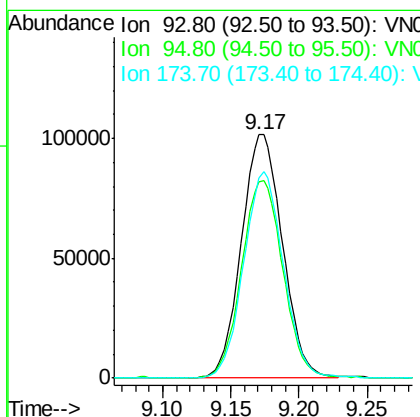
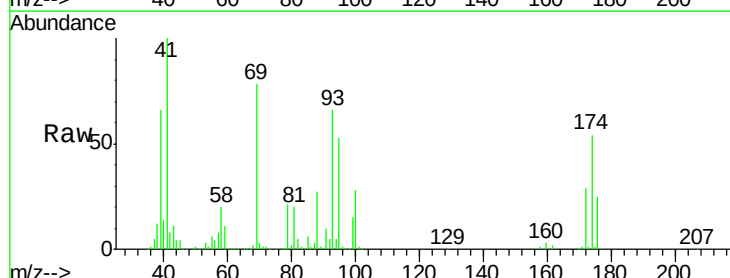
Manual Integrations
 APPROVED

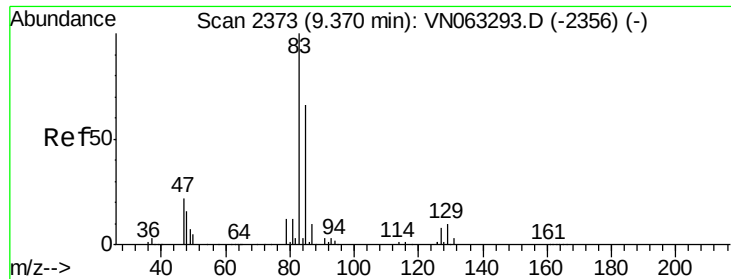
MMDadoda
 9/15/2020 1:58:50 PM



#46
 Dibromomethane
 Concen: 48.673 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	67.9	101.9
174	82.1	66.9	100.3





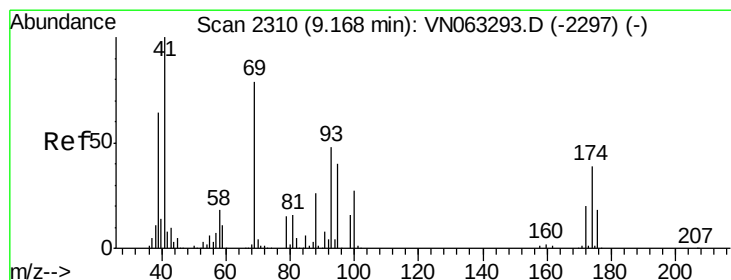
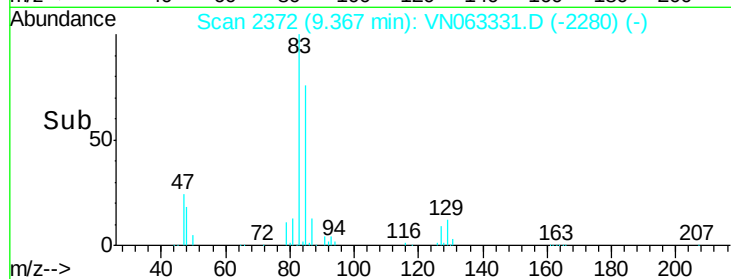
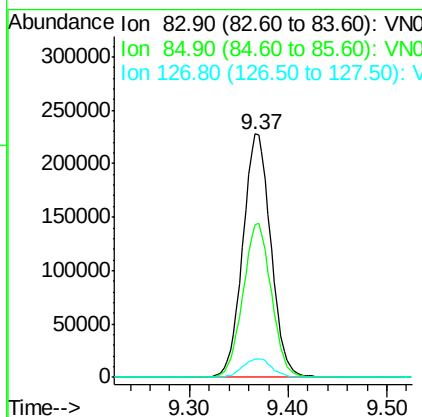
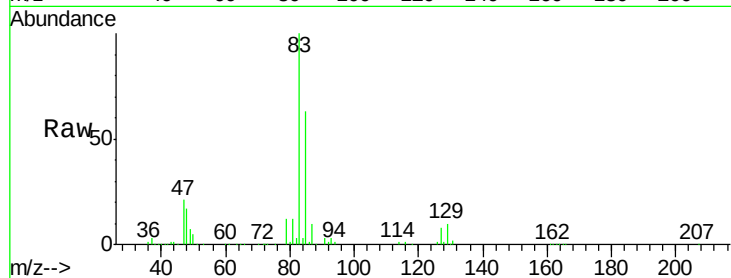
#47
Bromodichloromethane
Concen: 49.055 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	446485
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	52.5	78.7
127	7.6	6.6	10.0

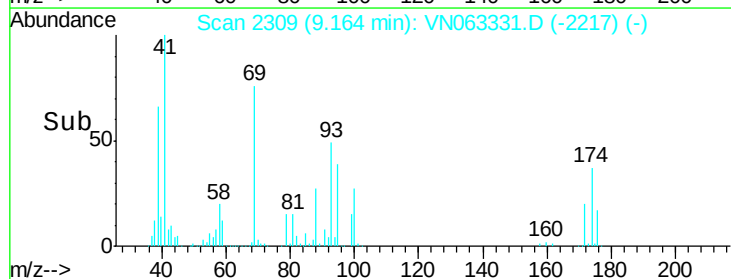
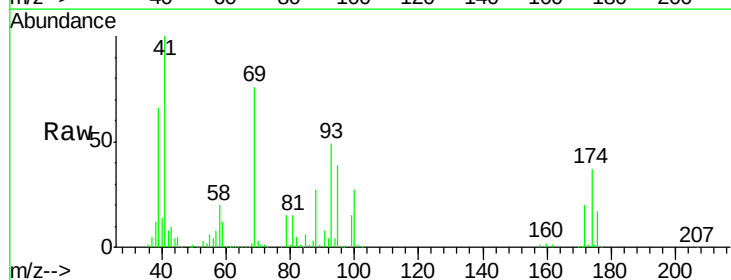
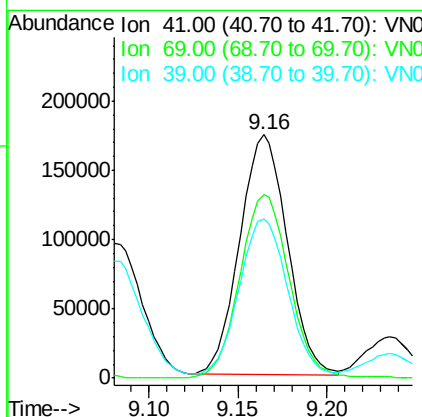
Manual Integrations
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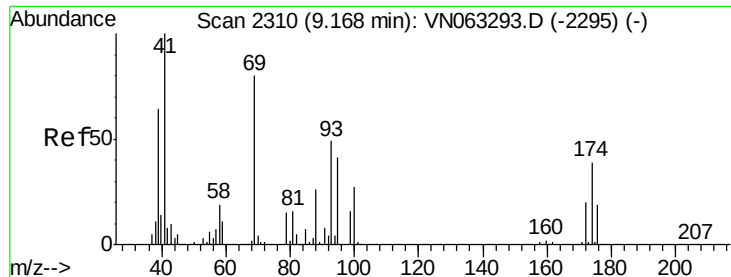
MMDadoda
9/15/2020 1:58:50 PM



#48
Methyl methacrylate
Concen: 47.340 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	41	Resp	323540
Ion Ratio	100	Lower	Upper
41	100		
69	79.6	63.6	95.4
39	68.0	53.2	79.8





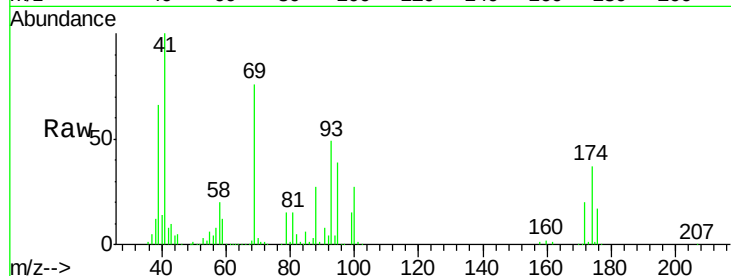
#49
1,4-Dioxane
Concen: 925.328 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.5	45.7
58	73.1	58.9	88.3

Manual Integrations
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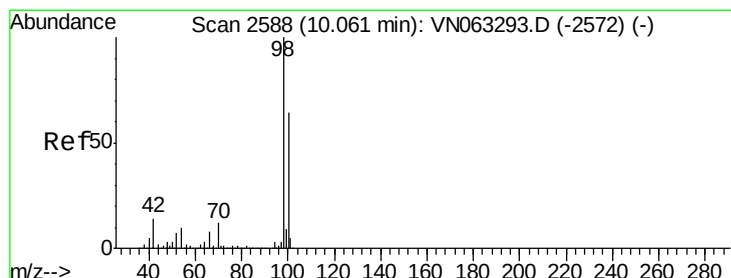
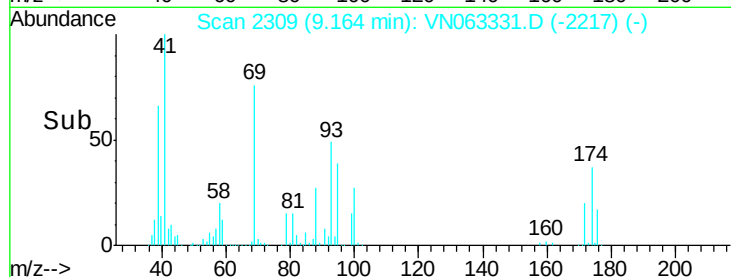
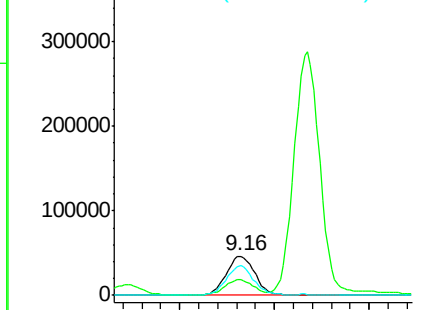
MMDadoda
9/15/2020 1:58:50 PM



Abundance Ion 88.00 (87.70 to 88.70): VN063331.D (-2217) (-)

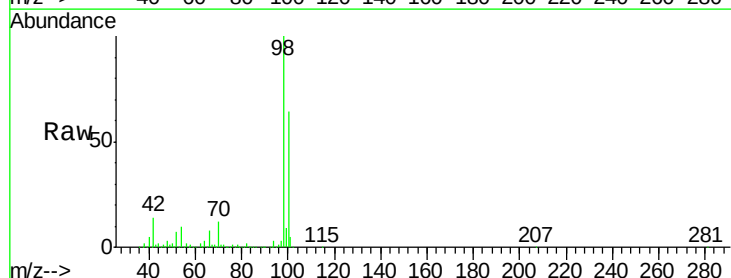
Ion 43.00 (42.70 to 43.70): VN063331.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN063331.D (-2217) (-)



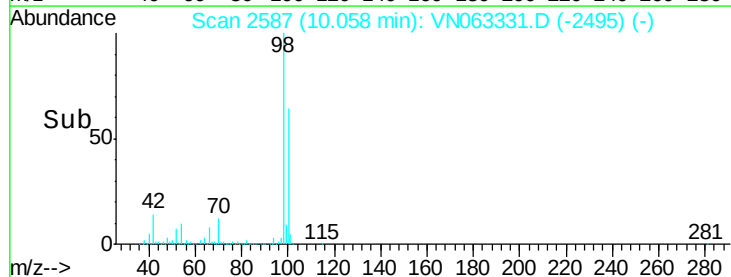
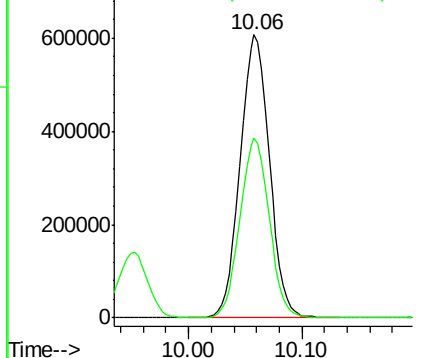
#50
Toluene-d8
Concen: 53.056 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

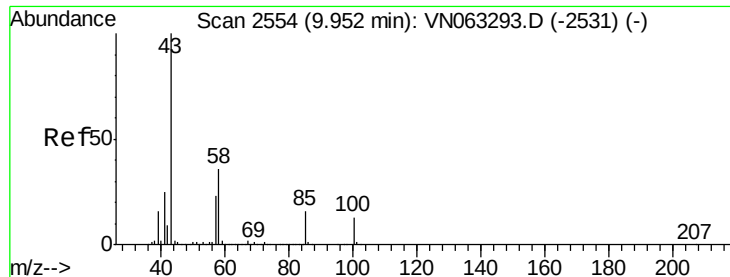
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063331.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN063331.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 249.623 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1970424

Ion Ratio Lower Upper

43 100

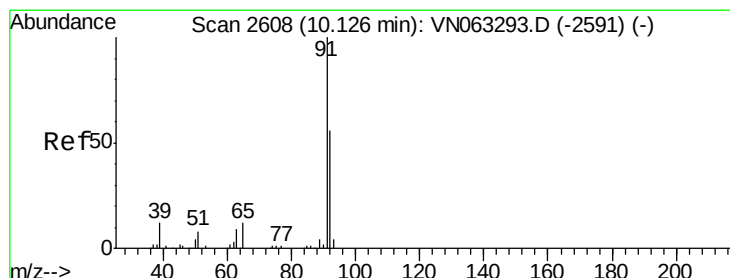
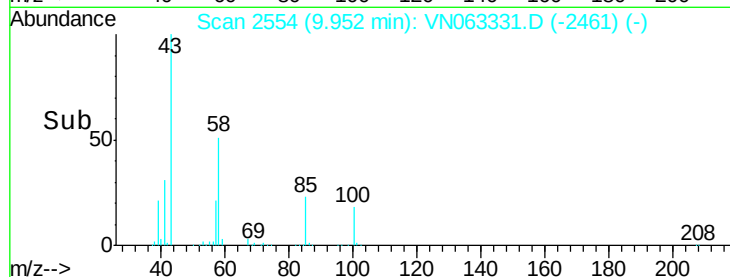
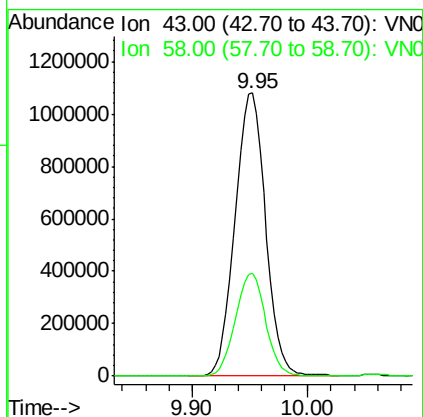
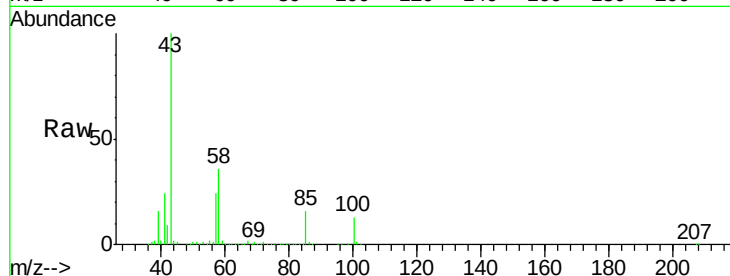
58 35.9 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 48.814 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063331.D

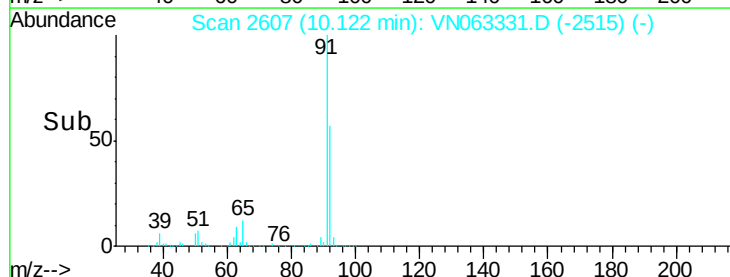
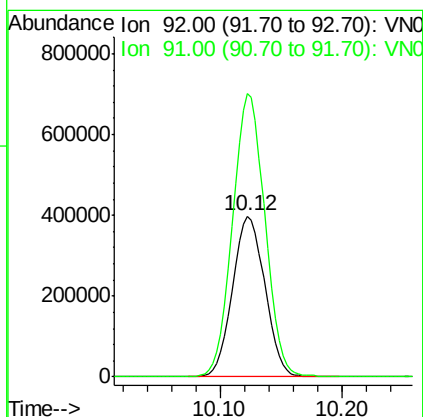
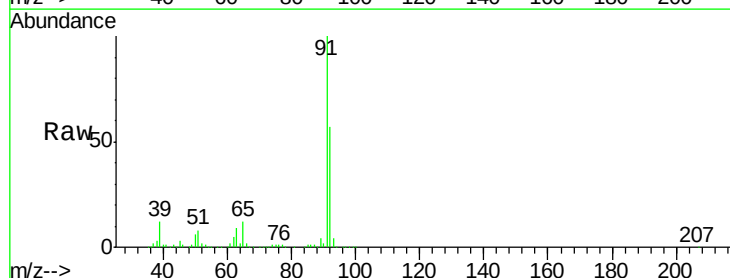
Acq: 14 Sep 2020 9:58

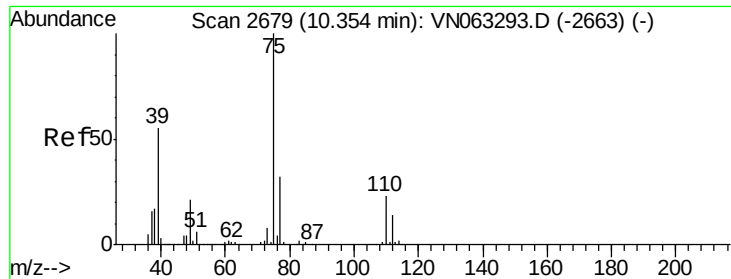
Tgt Ion: 92 Resp: 731821

Ion Ratio Lower Upper

92 100

91 175.9 141.2 211.8





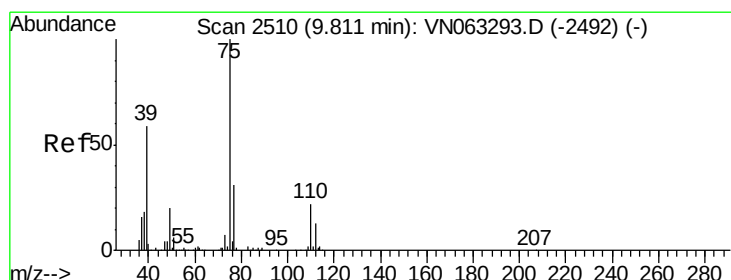
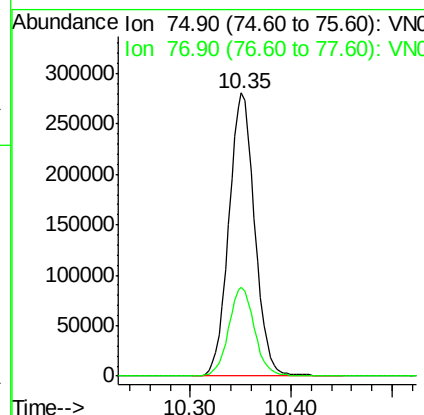
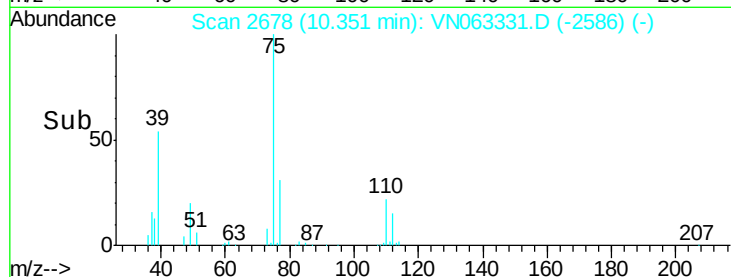
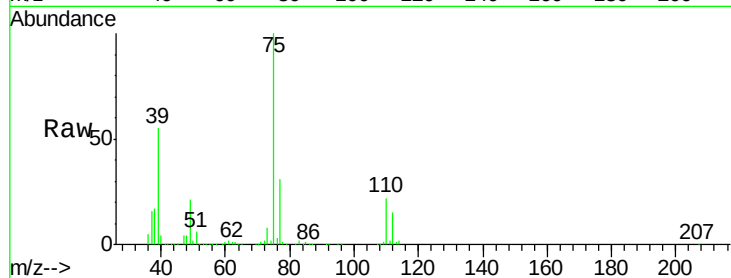
#53
 t-1,3-Dichloropropene
 Concen: 50.697 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 503183
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5

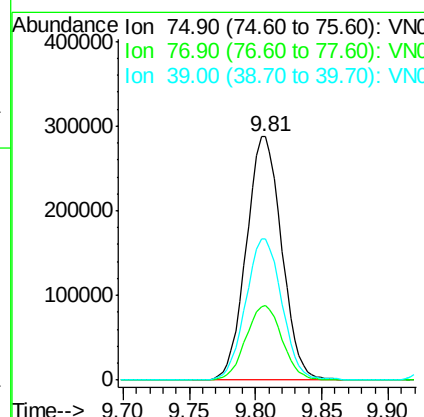
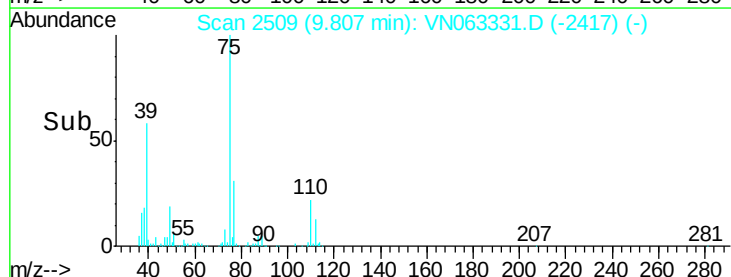
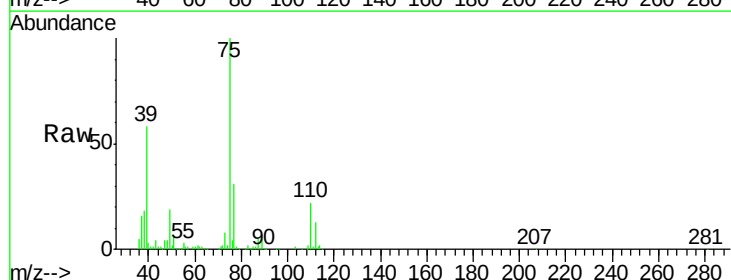
Manual Integrations
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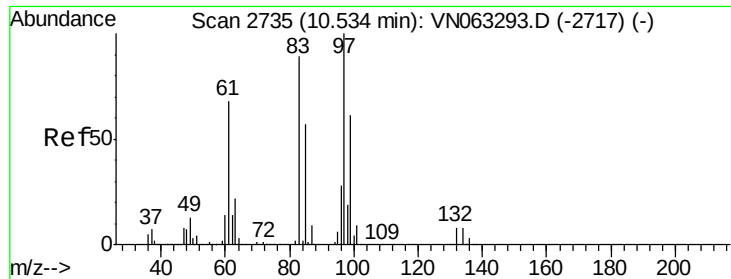
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 9/15/2020 1:58:50 PM



#54
 cis-1,3-Dichloropropene
 Concen: 50.054 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 75 Resp: 534911
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 58.0 47.2 70.8





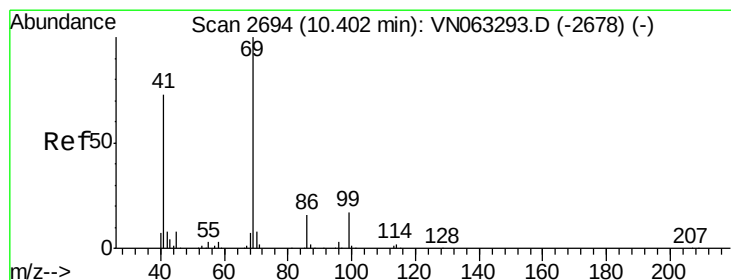
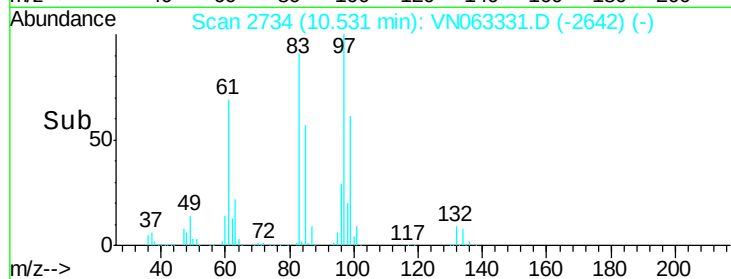
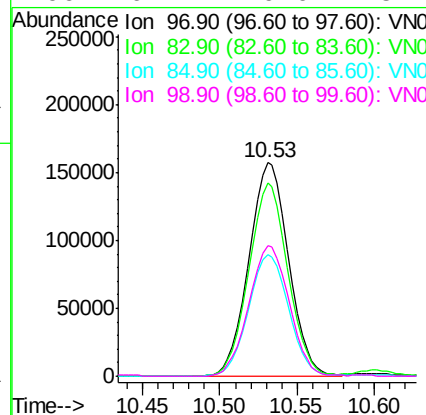
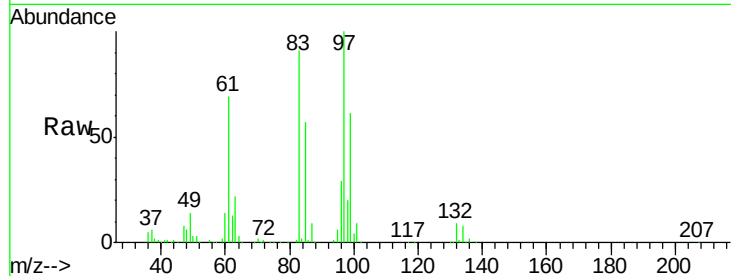
#55
 1,1,2-Trichloroethane
 Concen: 48.008 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		282027		
83	90.7	70.8	106.2		
85	56.7	45.6	68.4		
99	61.2	49.0	73.4		

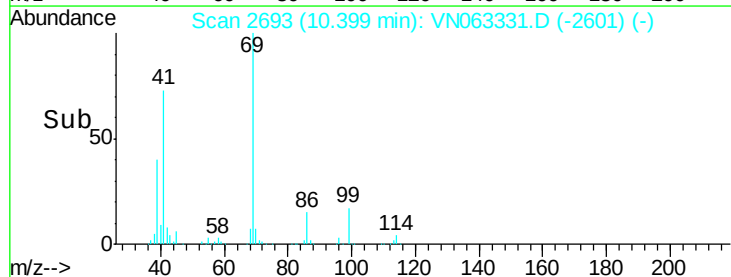
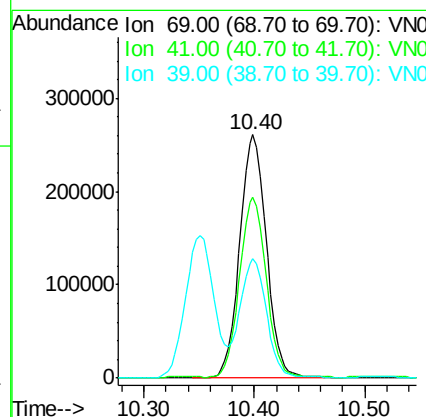
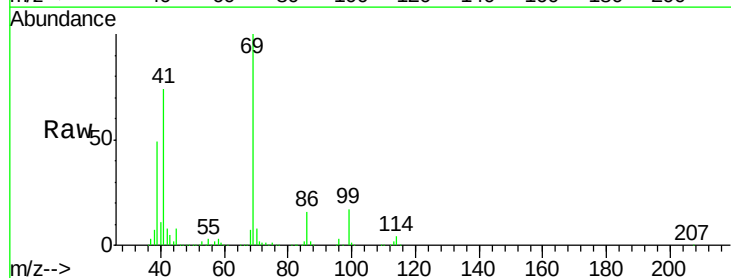
Manual Integrations
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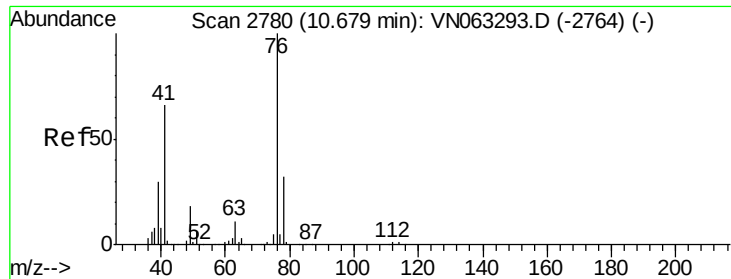
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#56
 Ethyl methacrylate
 Concen: 49.182 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		439363		
41	73.2	58.4	87.6		
39	47.9	38.6	58.0		





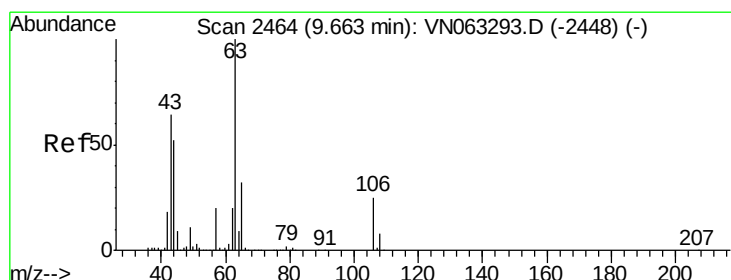
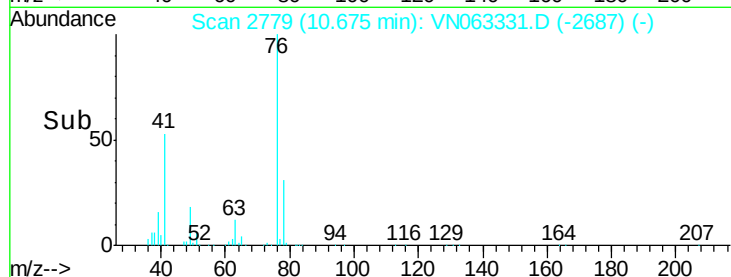
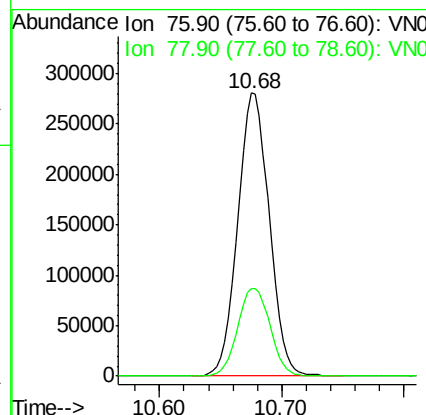
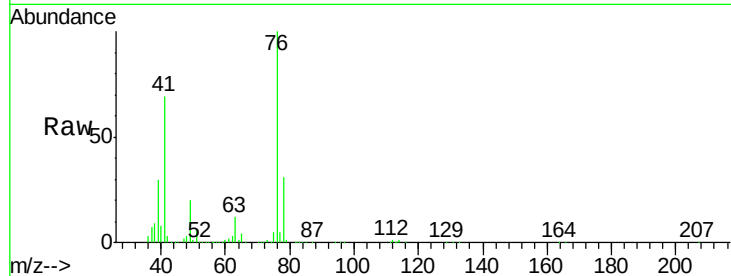
#57
 1,3-Dichloropropane
 Concen: 48.906 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 502043
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

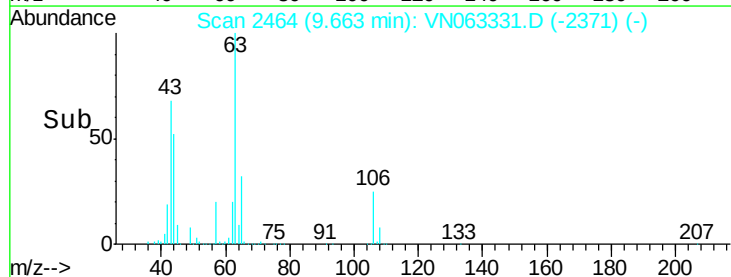
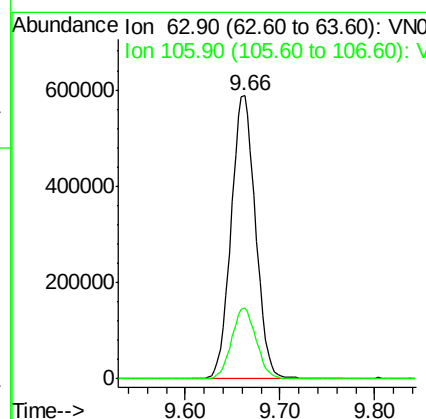
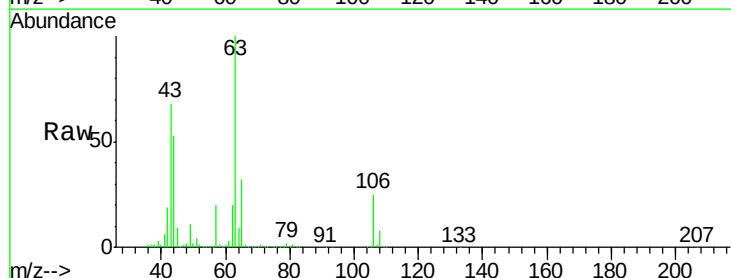
Manual Integrations
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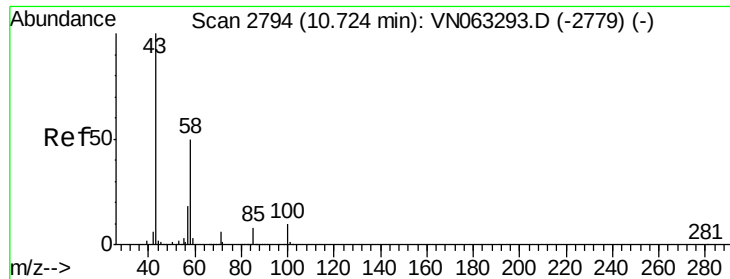
MMDadoda
 9/15/2020 1:58:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.000 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 63 Resp: 1054207
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.2 30.4





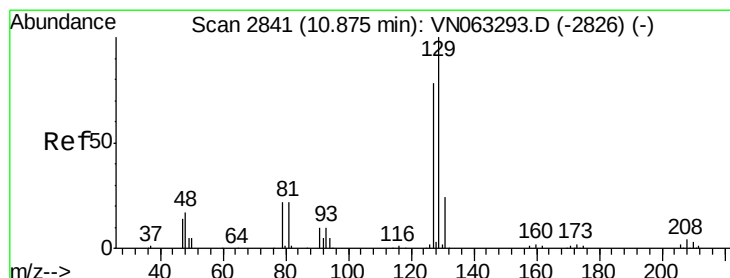
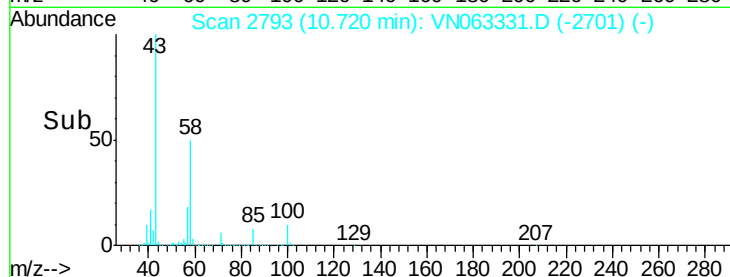
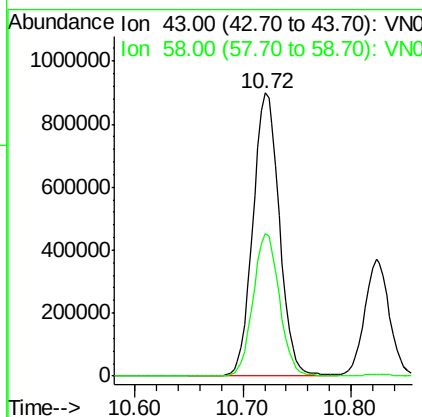
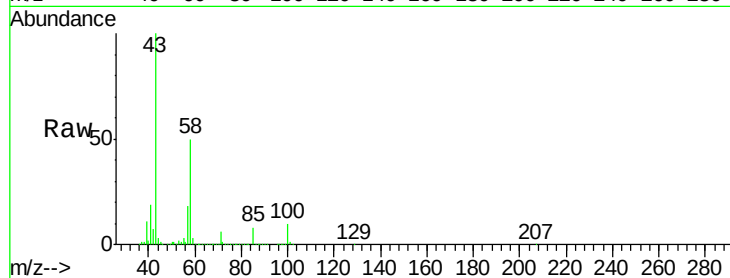
#59
2-Hexanone
Concen: 262.405 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1527616
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

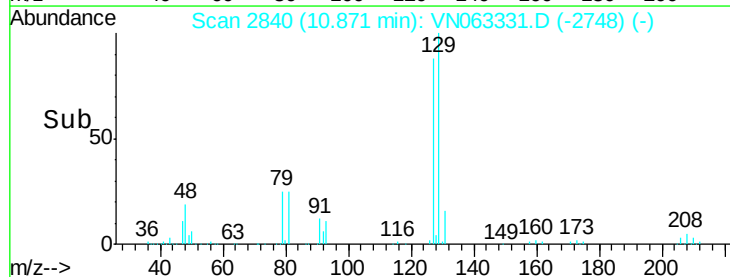
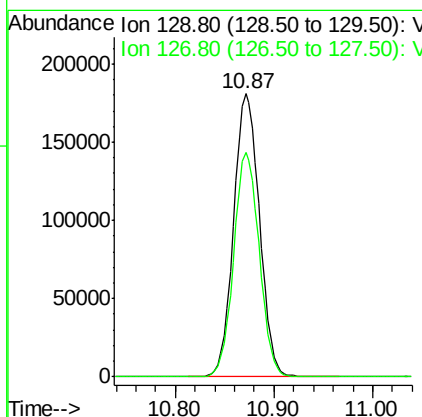
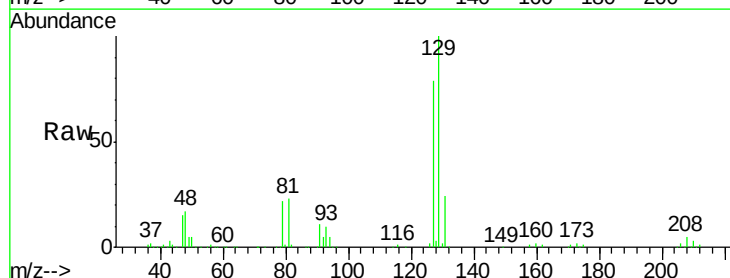
Manual Integrations
APPROVED

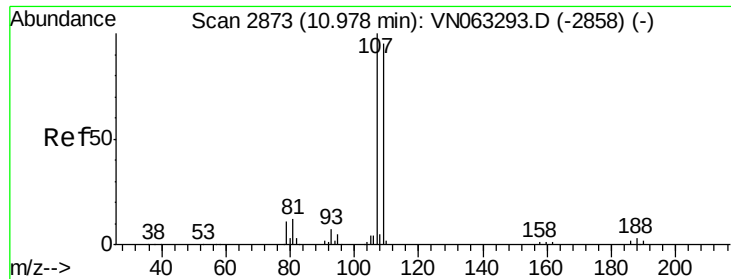
MMDadoda
9/15/2020 1:58:50 PM



#60
Dibromochloromethane
Concen: 51.121 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 129 Resp: 329780
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 48.056 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 294311

Ion Ratio Lower Upper

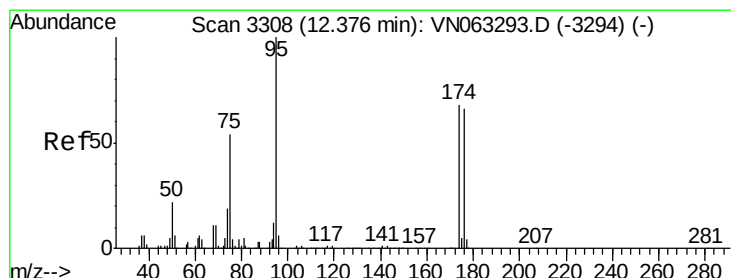
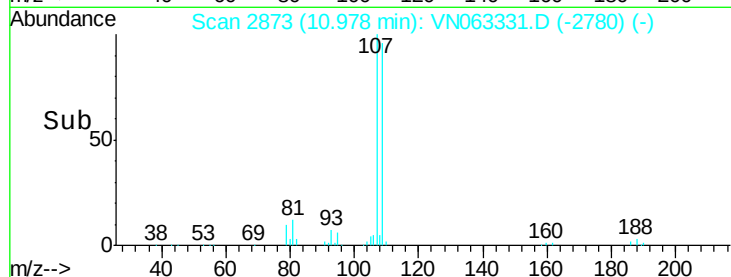
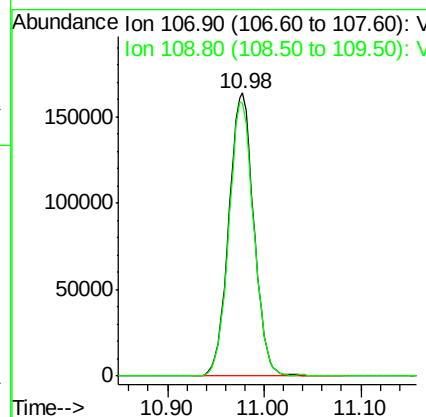
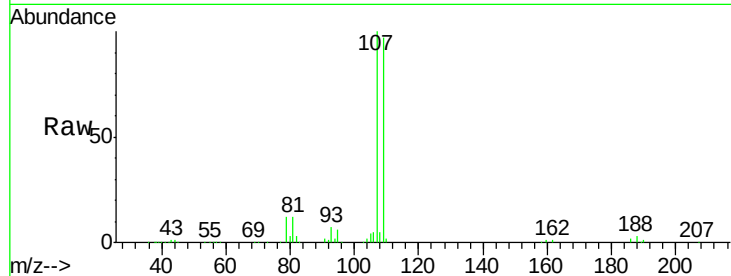
107 100

109 96.1 75.5 113.3

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 54.257 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

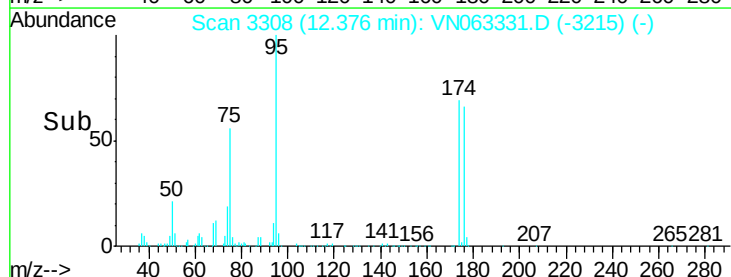
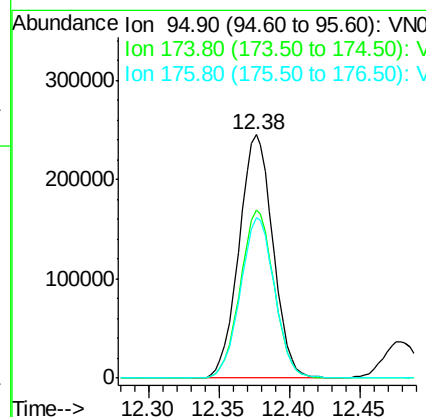
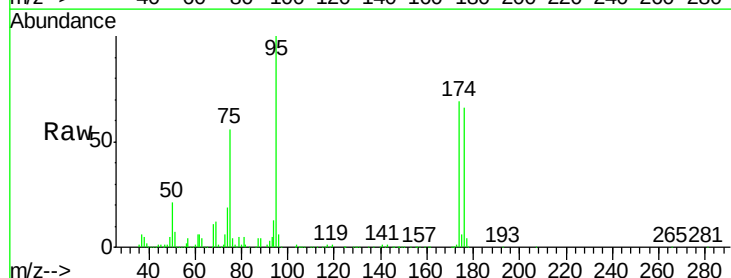
Tgt Ion: 95 Resp: 414382

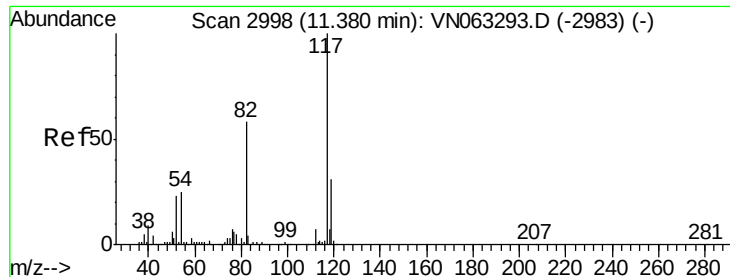
Ion Ratio Lower Upper

95 100

174 69.0 0.0 136.6

176 66.4 0.0 132.8





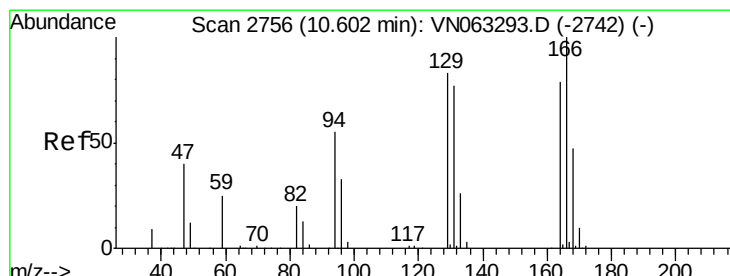
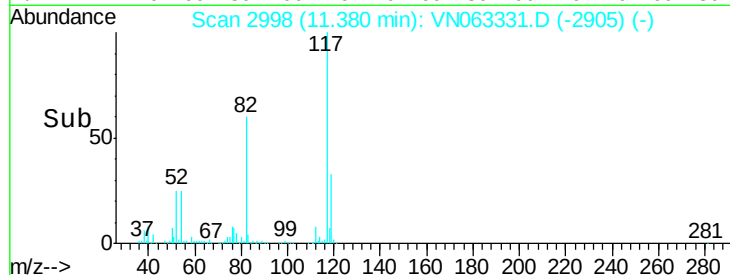
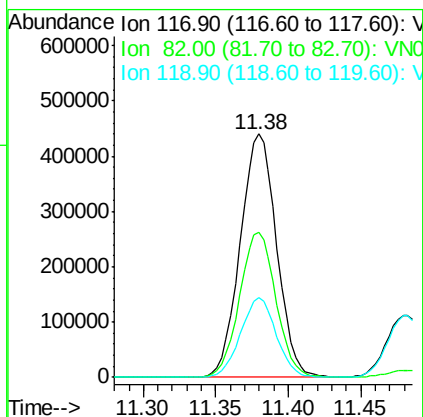
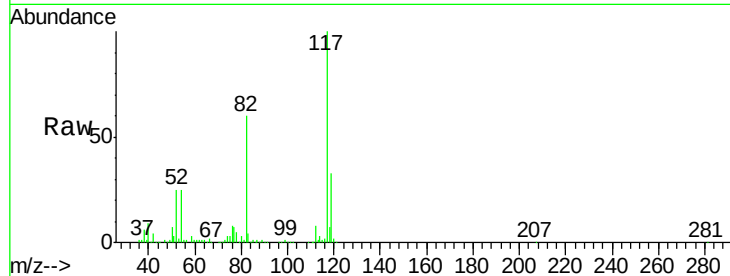
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	767354		
82	59.7	46.4	69.6	
119	32.6	24.8	37.2	

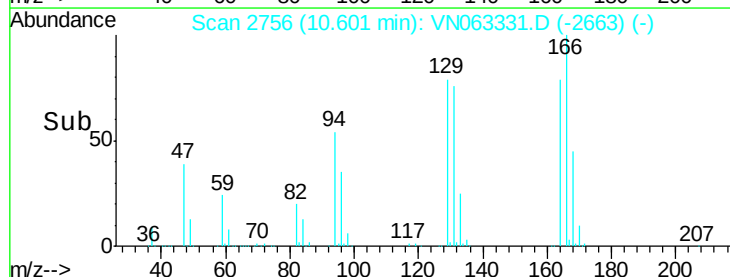
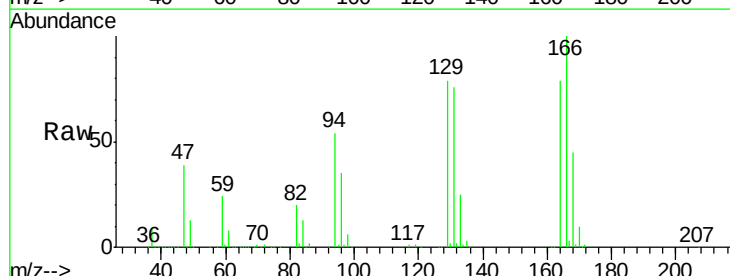
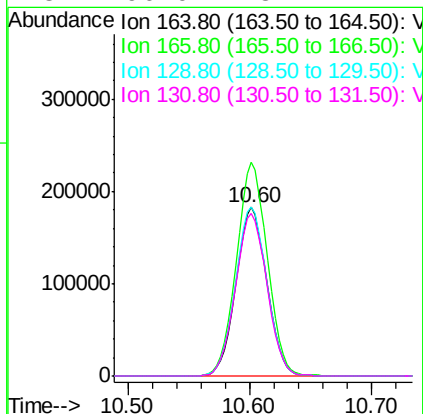
Manual Integrations
APPROVED

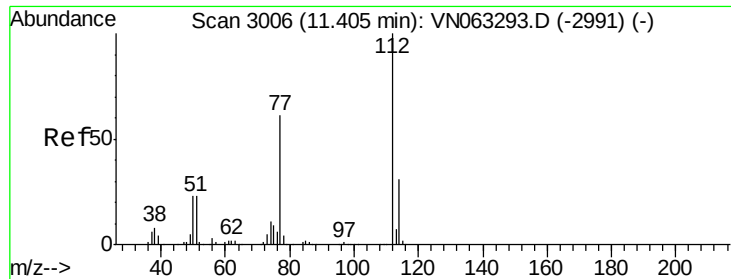
MMDadoda
9/15/2020 1:58:50 PM



#64
Tetrachloroethene
Concen: 50.854 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	319674		
166	126.6	101.3	151.9	
129	100.2	83.7	125.5	
131	96.0	78.2	117.4	





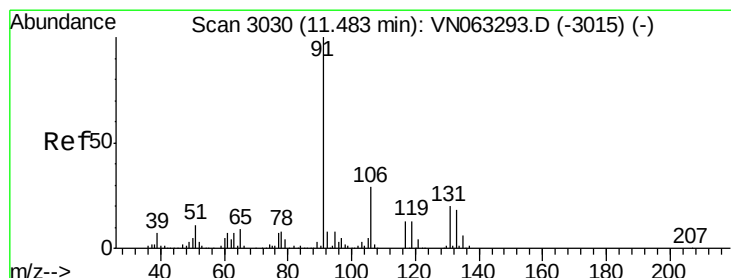
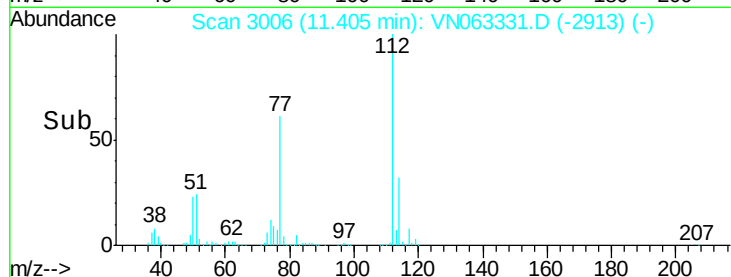
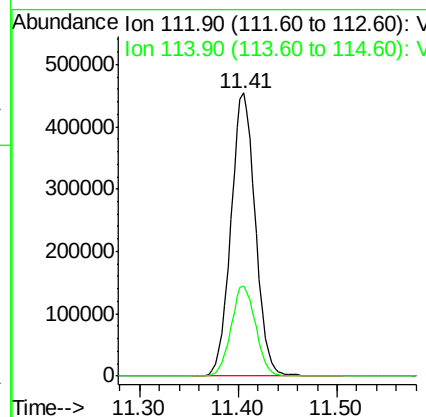
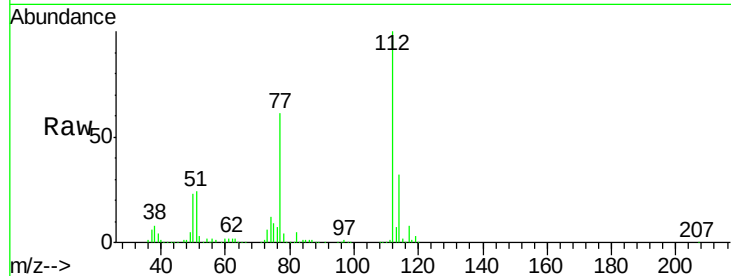
#65
Chlorobenzene
Concen: 47.547 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.6	36.8

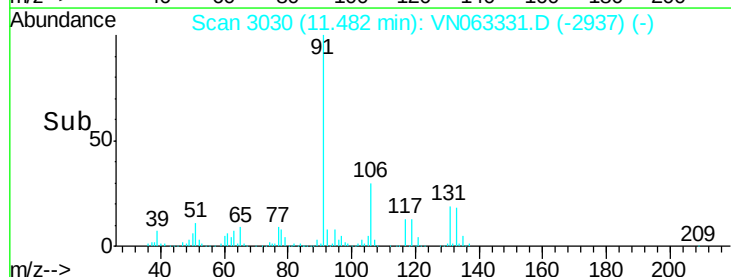
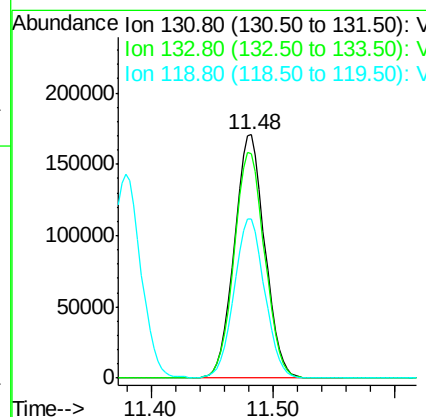
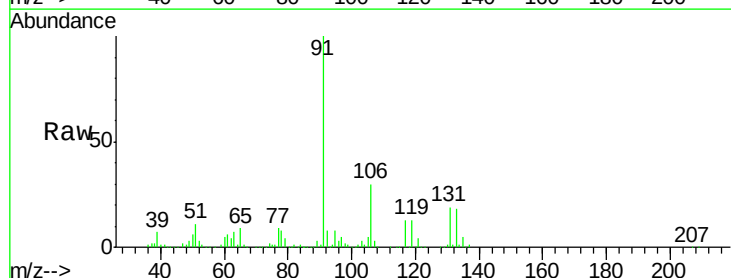
Manual Integrations
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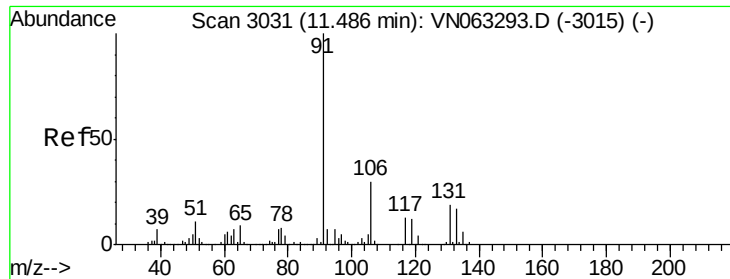
MMDadoda
9/15/2020 1:58:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.323 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.4	142.2
119	65.6	33.8	101.3





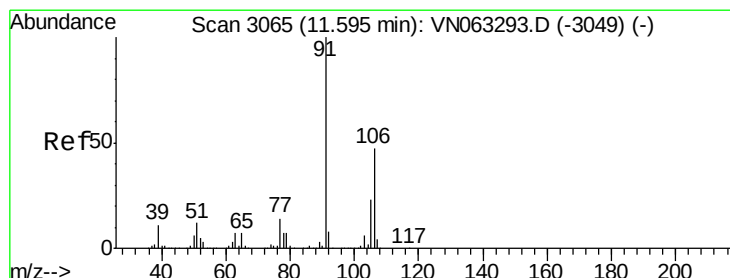
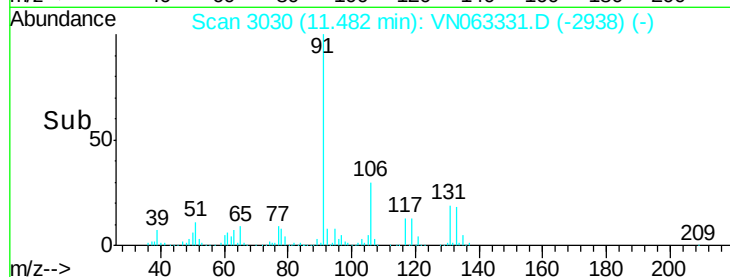
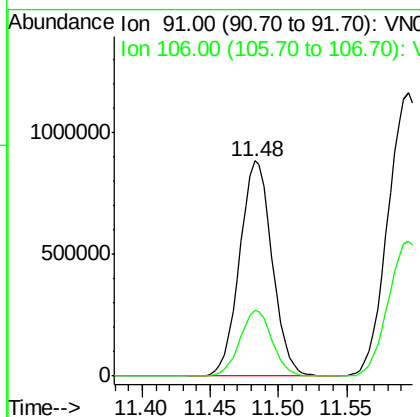
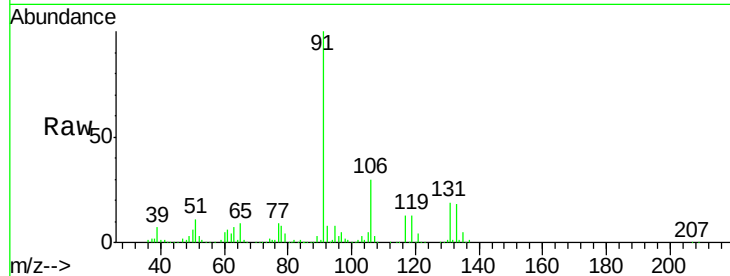
#67
Ethyl Benzene
Concen: 49.361 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1463900
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

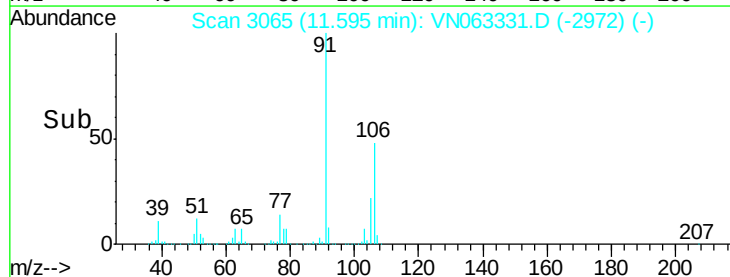
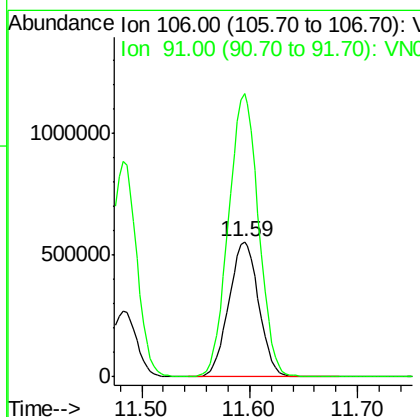
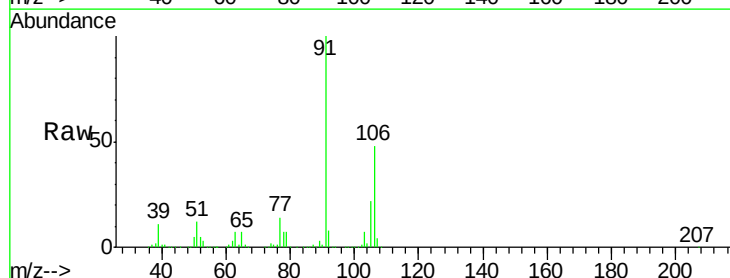
Manual Integrations
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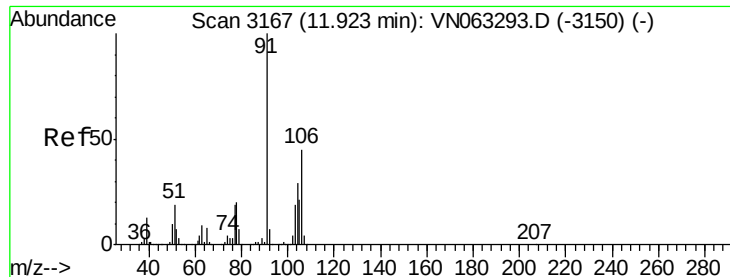
MMDadoda
9/15/2020 1:58:50 PM



#68
m/p-Xylenes
Concen: 97.347 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion: 106 Resp: 1067925
Ion Ratio Lower Upper
106 100
91 211.4 169.8 254.8





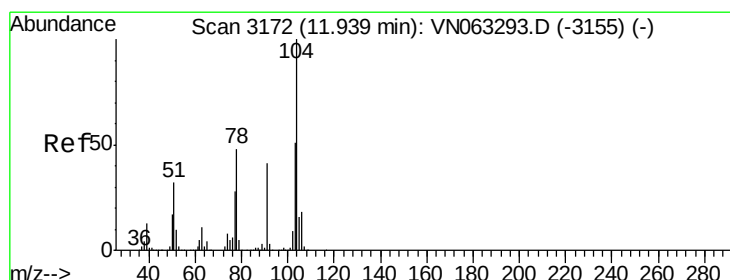
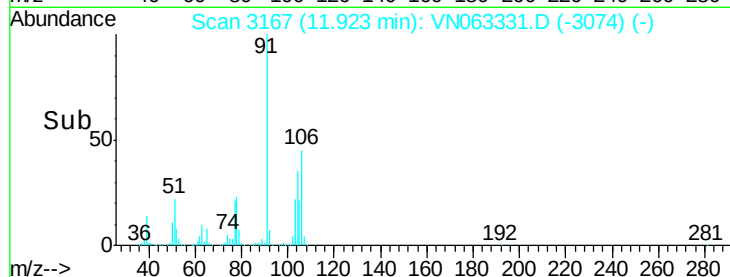
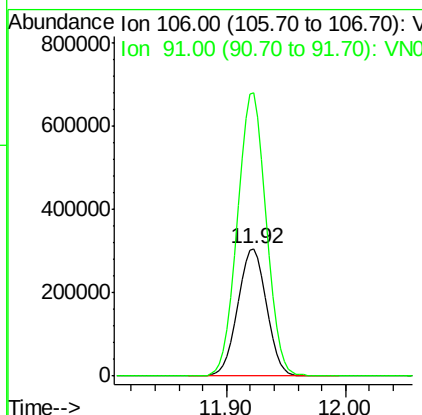
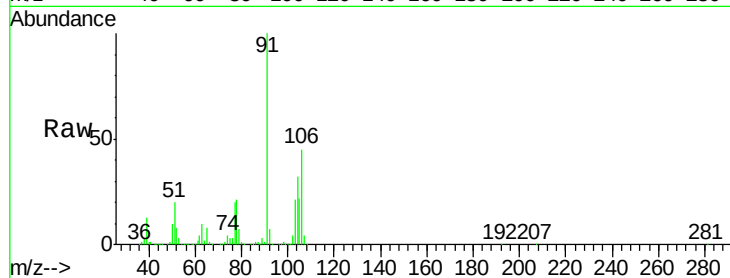
#69
o-Xylene
Concen: 48.744 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		513177		
91	222.4	111.5	334.4		

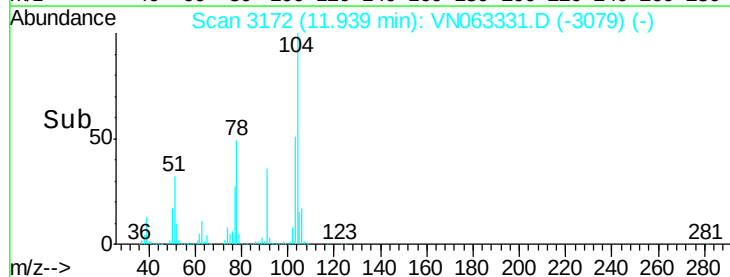
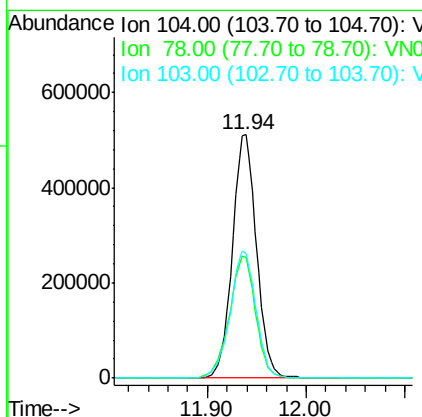
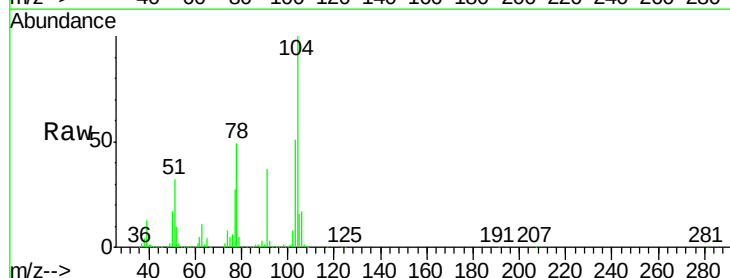
Manual Integrations
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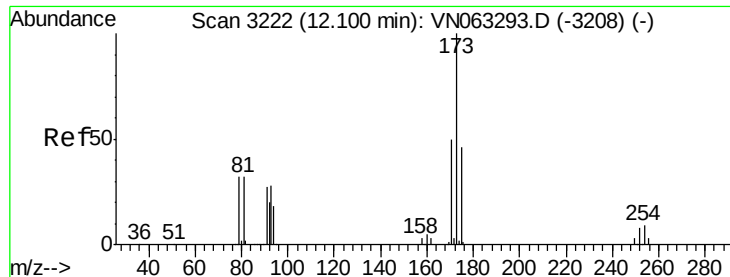
MMDadoda
9/15/2020 1:58:50 PM



#70
Styrene
Concen: 49.623 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		868281		
78	54.5	42.9	64.3		
103	56.0	44.2	66.2		





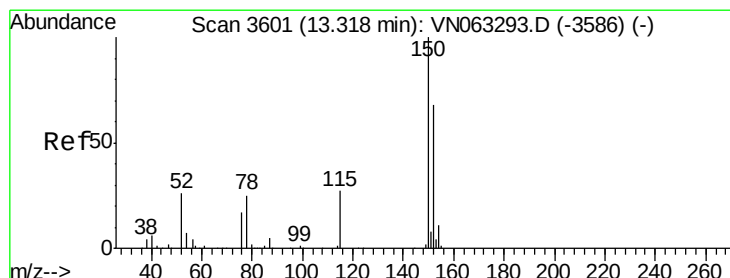
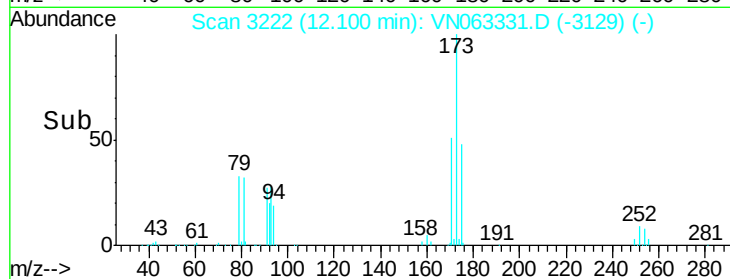
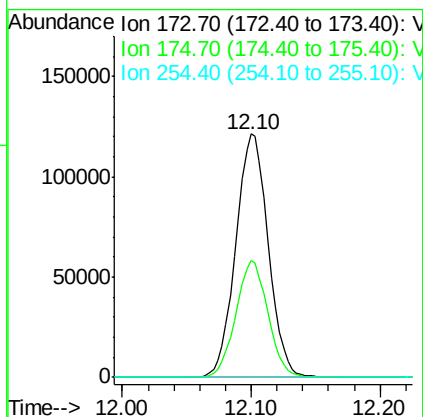
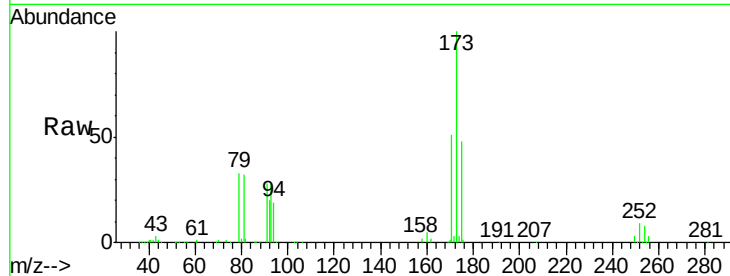
#71
Bromoform
Concen: 50.985 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.8	71.5
254	0.1	0.0	0.0

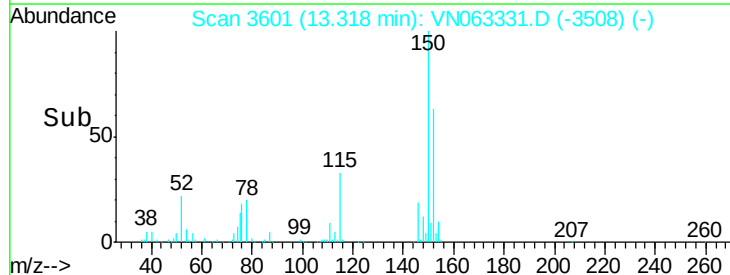
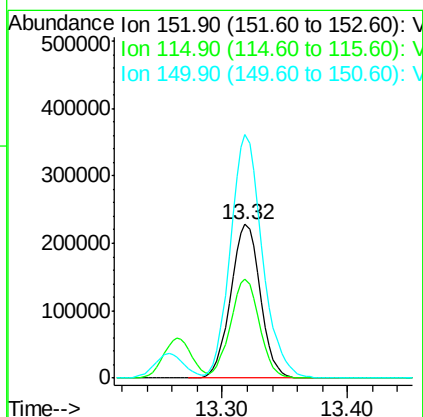
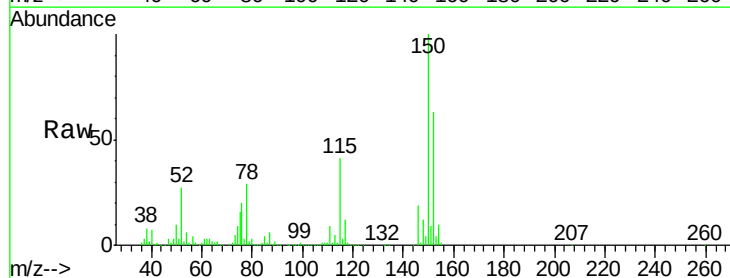
Manual Integrations
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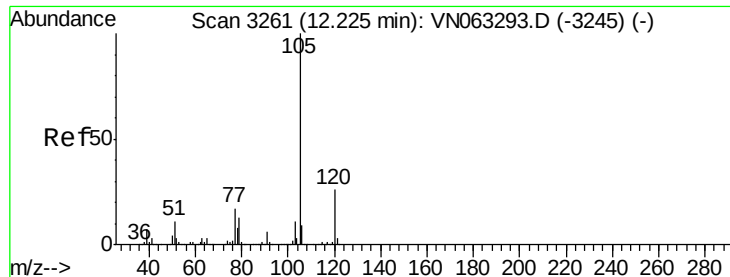
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.5	94.5
150	170.1	0.0	344.0





#73

Isopropylbenzene

Concen: 46.284 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1394706

Ion Ratio Lower Upper

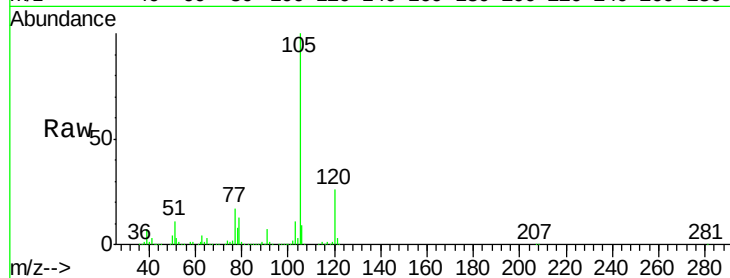
105 100

120 26.0 13.0 38.9

Manual Integrations
APPROVED

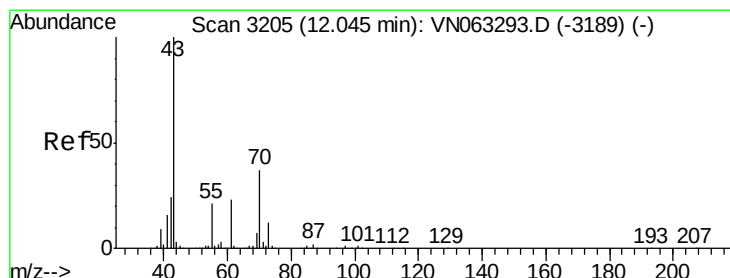
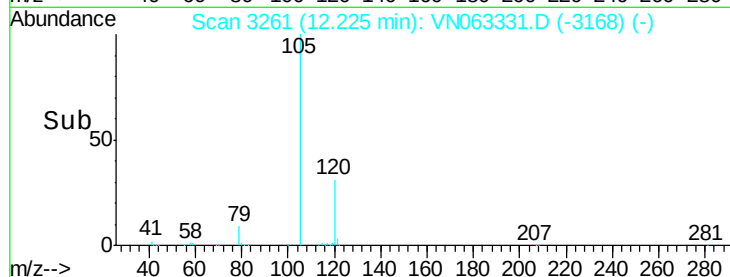
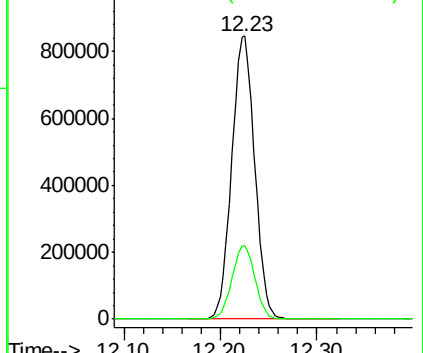
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.504 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion: 43 Resp: 612428

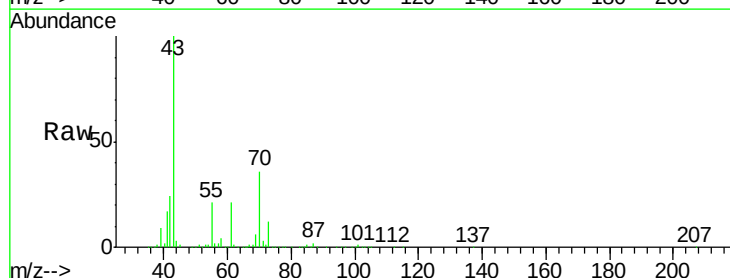
Ion Ratio Lower Upper

43 100

70 36.9 29.3 43.9

55 21.9 17.0 25.6

61 21.5 17.8 26.6

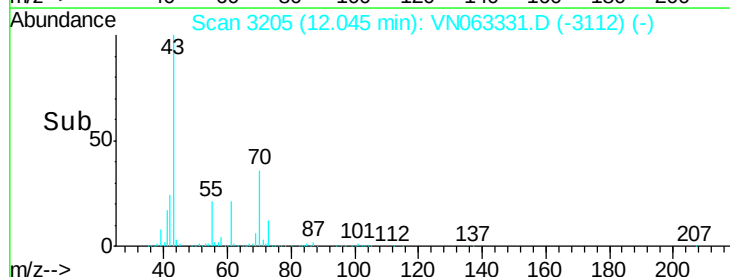
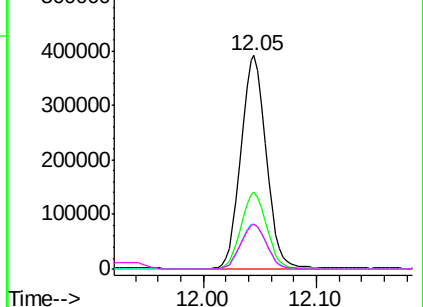


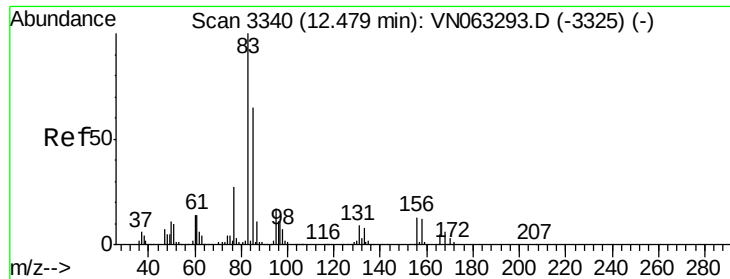
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.936 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 379165

Ion Ratio Lower Upper

83 100

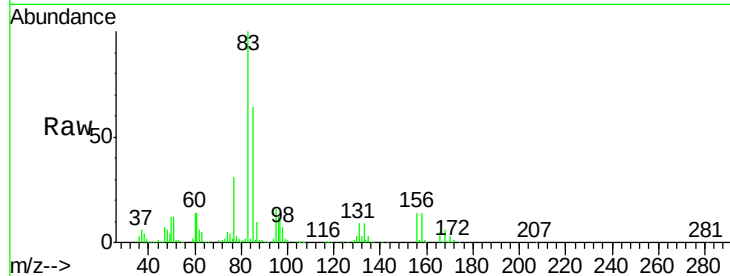
131 9.8 4.7 14.1

85 64.9 32.0 96.2

Manual Integrations
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9/15/2020 1:58:50 PM

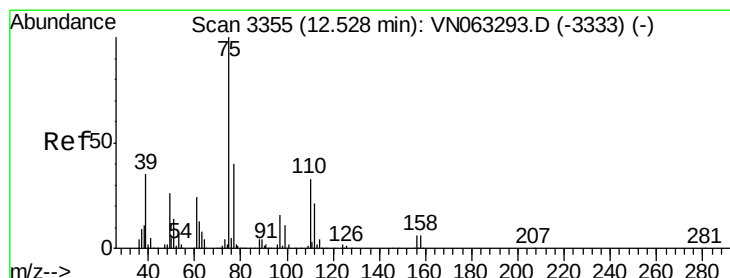
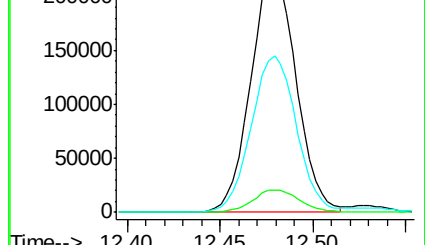
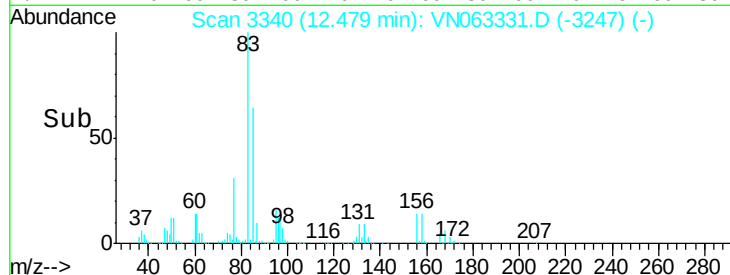


Abundance Ion 82.90 (82.60 to 83.60): VN063331.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063331.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063331.D (-3247) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 46.014 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063331.D

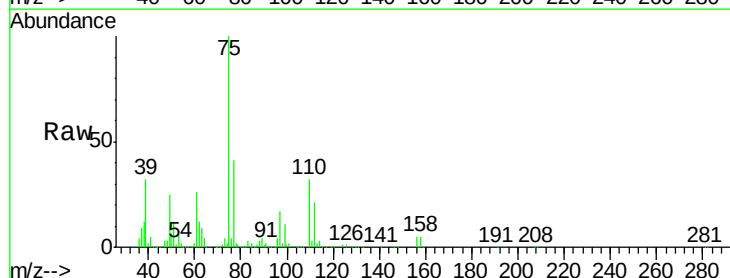
Acq: 14 Sep 2020 9:58

Tgt Ion: 75 Resp: 379240

Ion Ratio Lower Upper

75 100

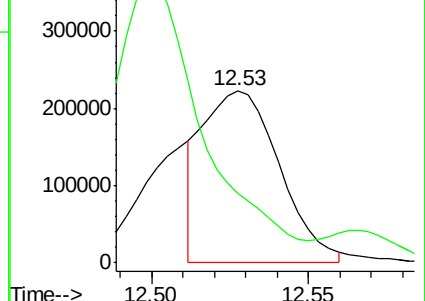
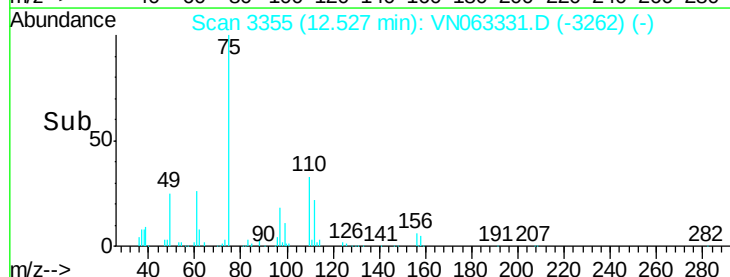
77 0.0 0.0 0.0

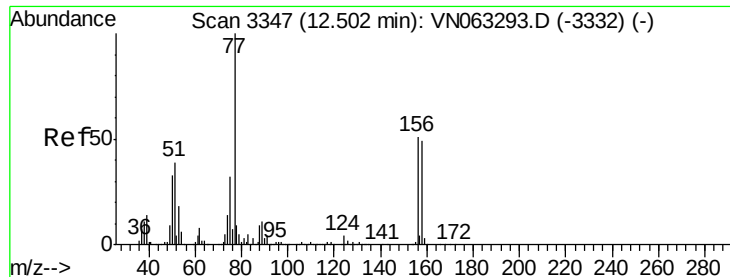


Abundance Ion 74.90 (74.60 to 75.60): VN063331.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063331.D (-3262) (-)

Time-->





#77

Bromobenzene

Concen: 46.057 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

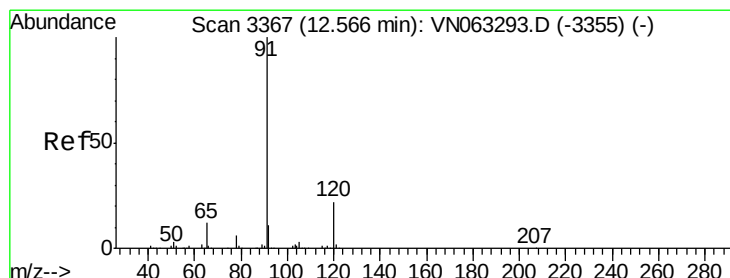
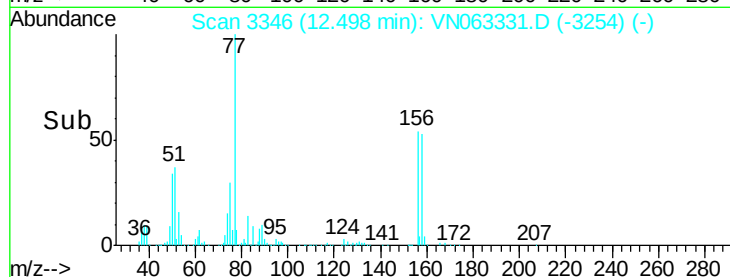
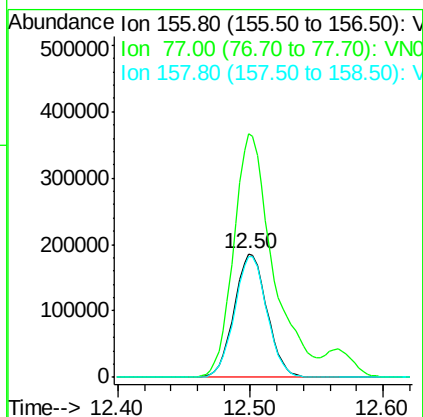
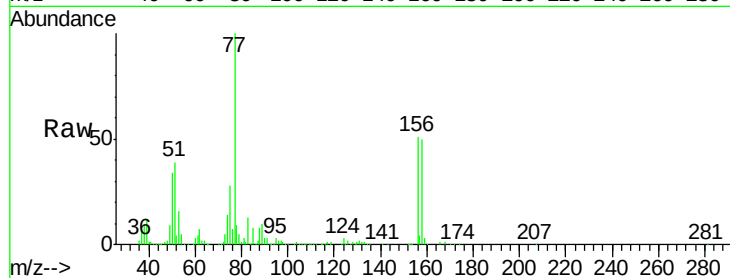
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	319015
Ion Ratio	Lower	Upper	
156	100		
77	235.4	117.4	352.2
158	97.2	48.8	146.4

Manual Integrations
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9/15/2020 1:58:50 PM



#78

n-propylbenzene

Concen: 47.794 ug/l

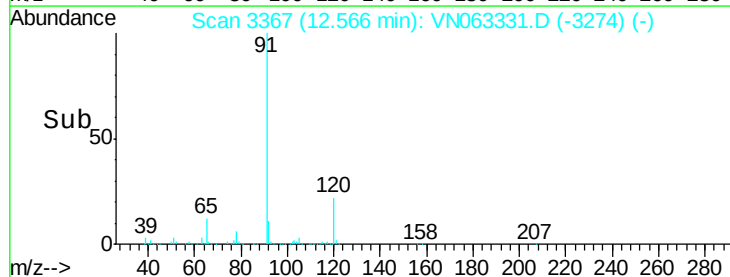
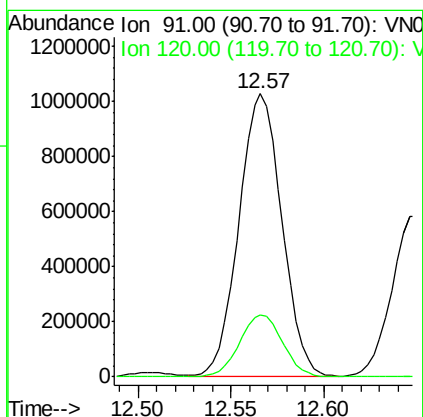
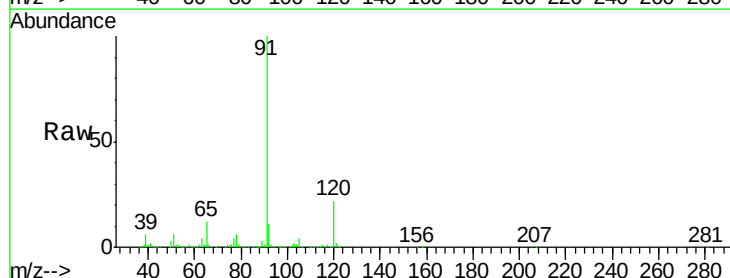
RT: 12.57 min Scan# 3367

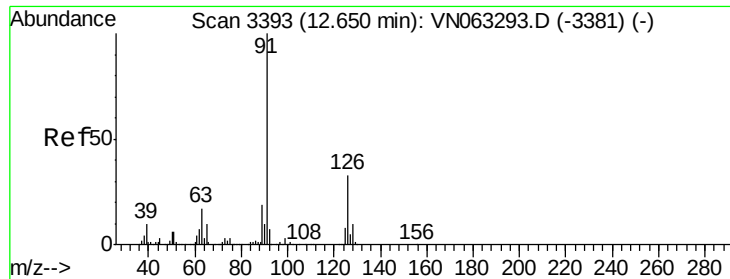
Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Tgt Ion:	91	Resp:	1636095
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





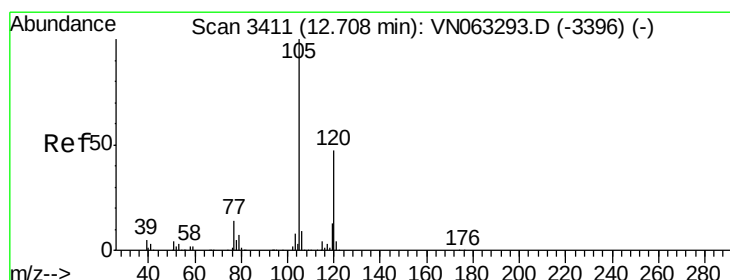
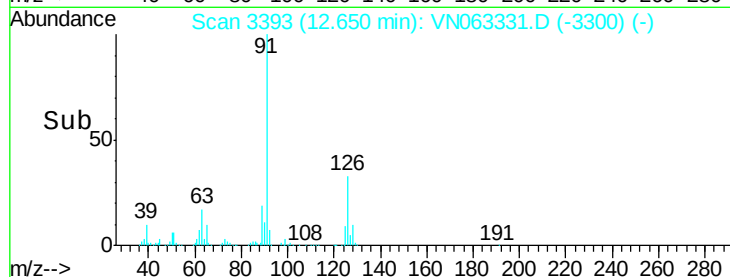
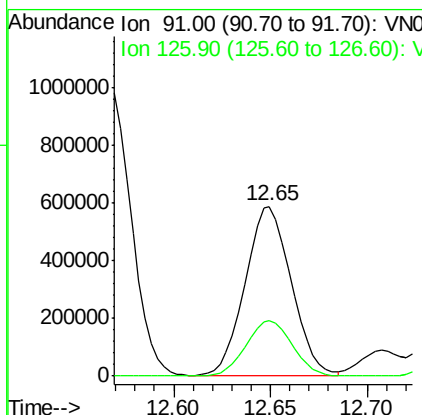
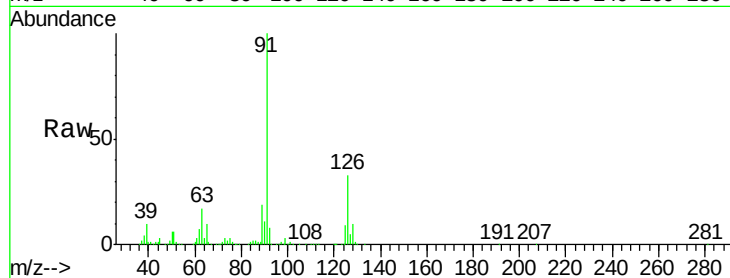
#79
 2-Chlorotoluene
 Concen: 46.011 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 968460
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8

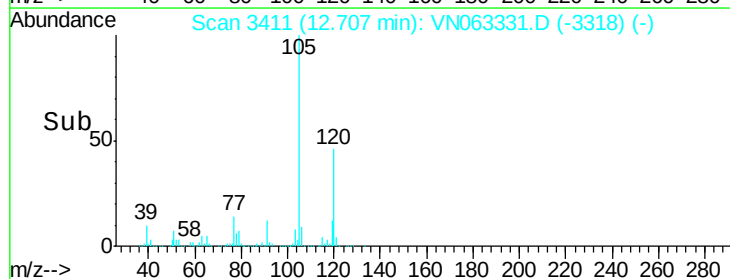
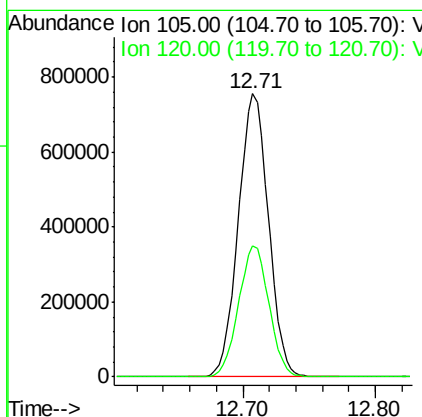
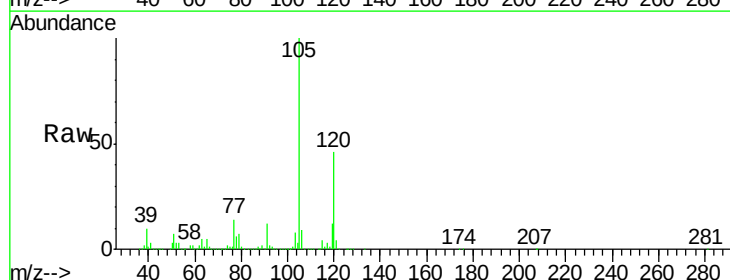
Manual Integrations
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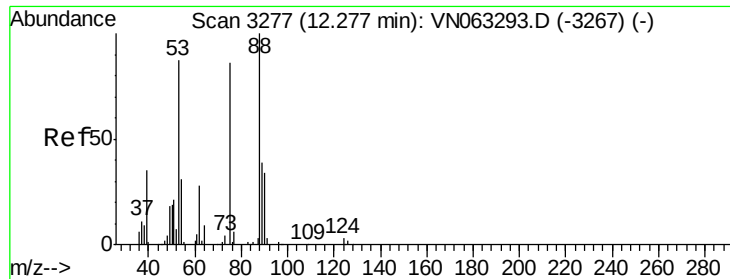
MMDadoda
 9/15/2020 1:58:50 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.562 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion: 105 Resp: 1190059
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





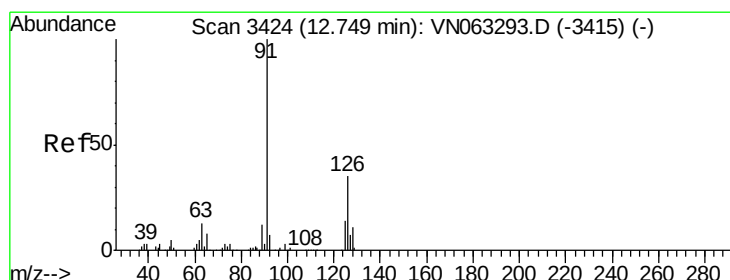
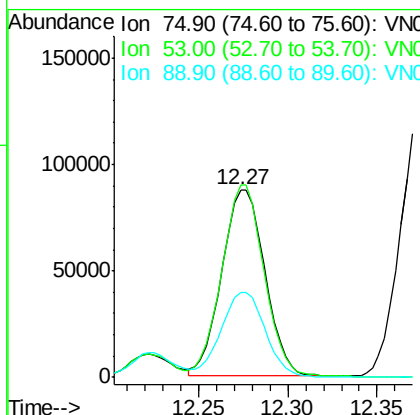
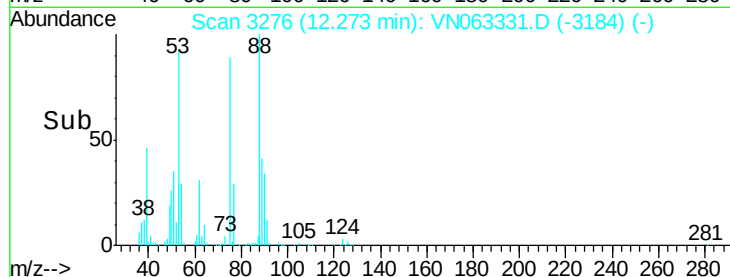
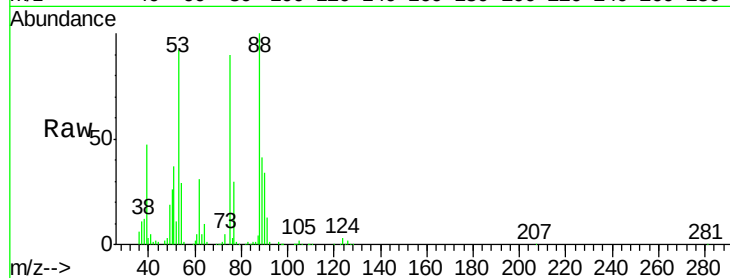
#81
trans-1,4-Dichloro-2-butene
Concen: 47.983 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	81.8	122.8
89	46.9	36.7	55.1

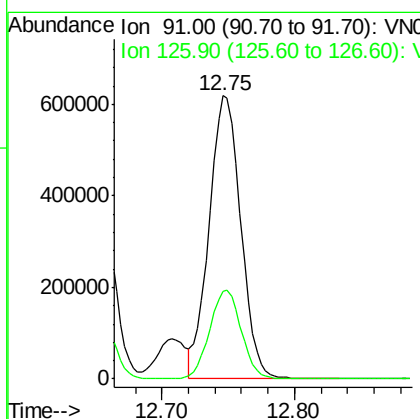
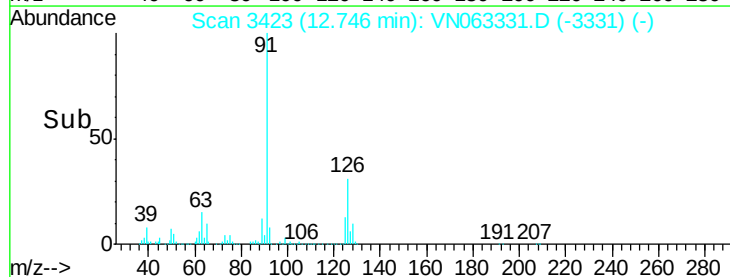
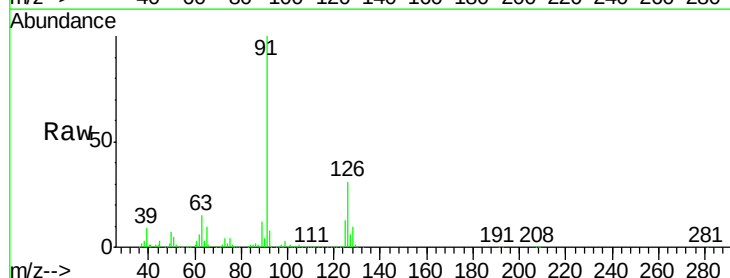
Manual Integrations
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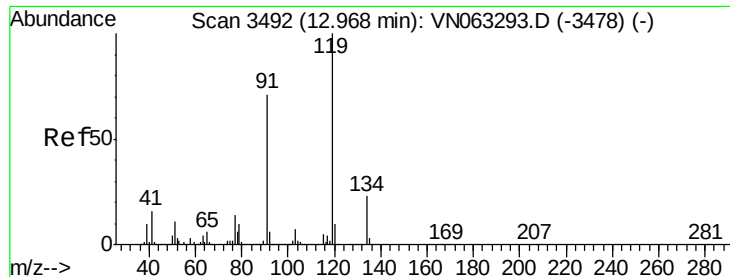
MMDadoda
9/15/2020 1:58:50 PM



#82
4-Chlorotoluene
Concen: 46.268 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.7





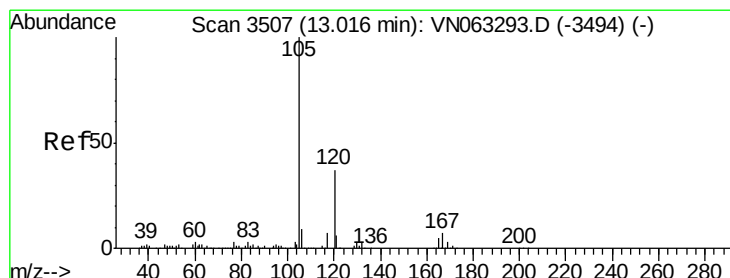
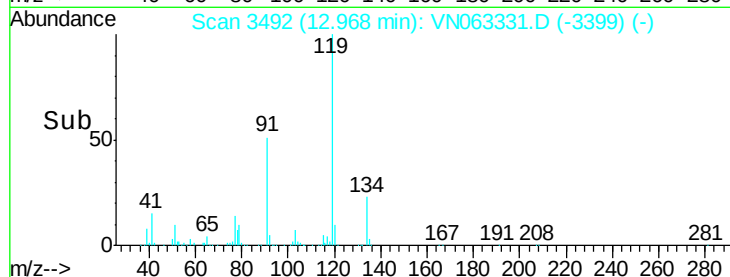
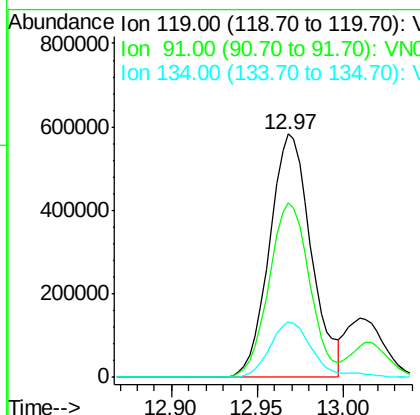
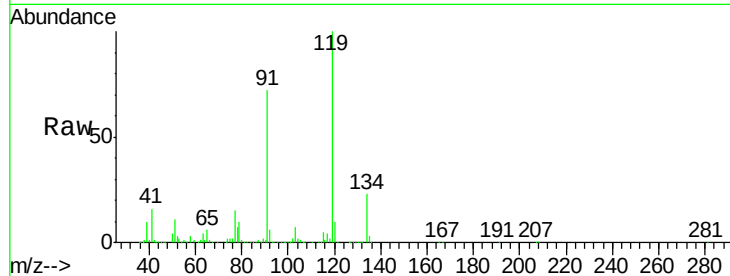
#83
 tert-Butylbenzene
 Concen: 46.115 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	34.8	104.3
134	23.6	11.9	35.5

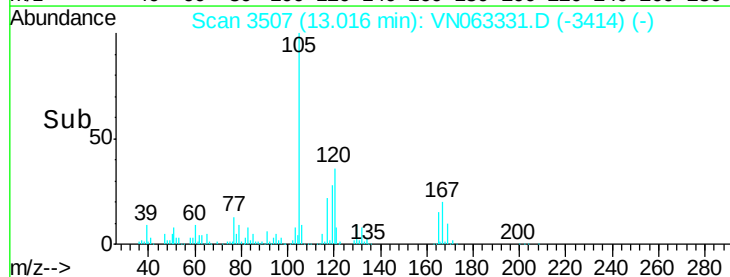
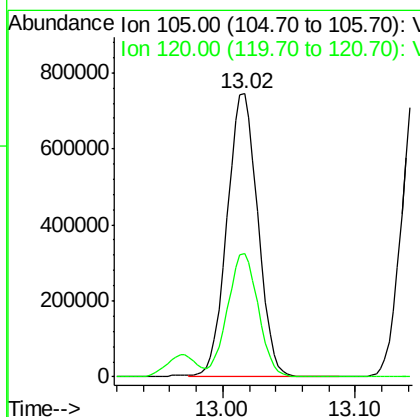
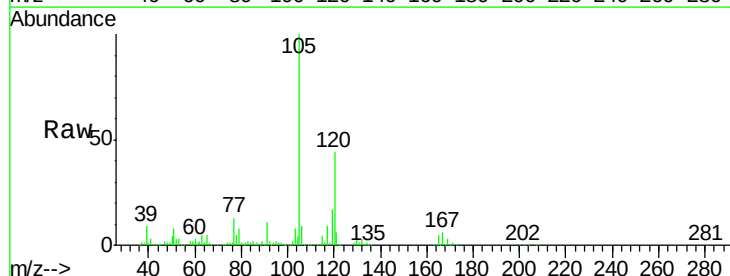
Manual Integrations
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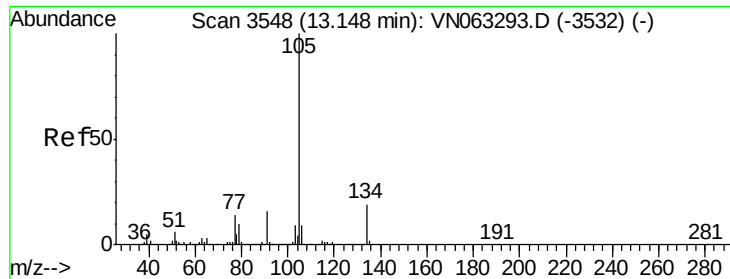
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.531 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.8	65.4





#85

sec-Butylbenzene

Concen: 48.183 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1300823

Ion Ratio Lower Upper

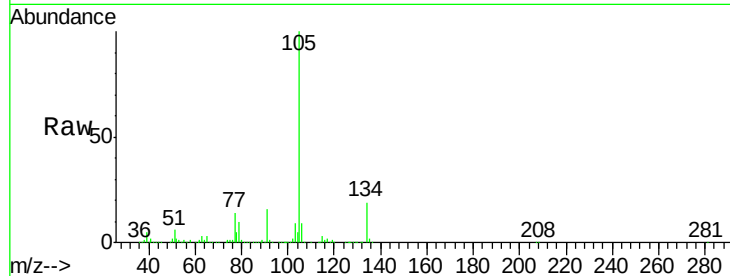
105 100

134 18.9 9.4 28.3

Manual Integrations
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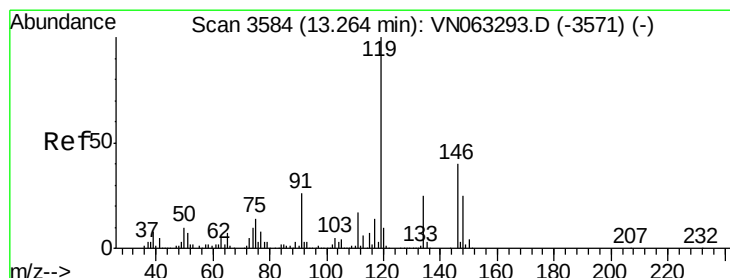
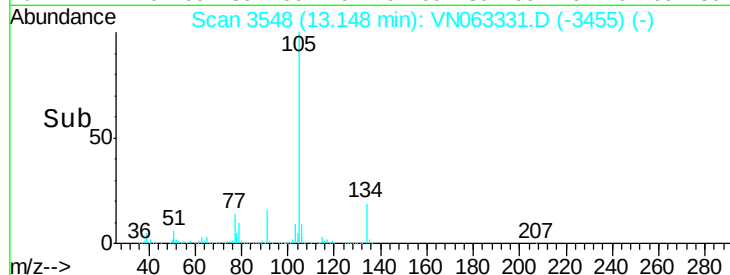
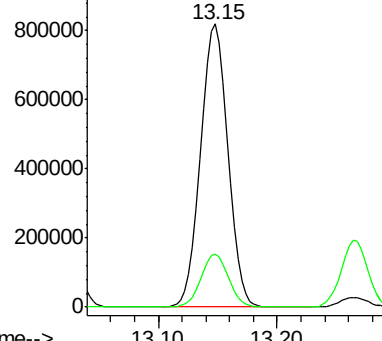
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.870 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063331.D

Acq: 14 Sep 2020 9:58

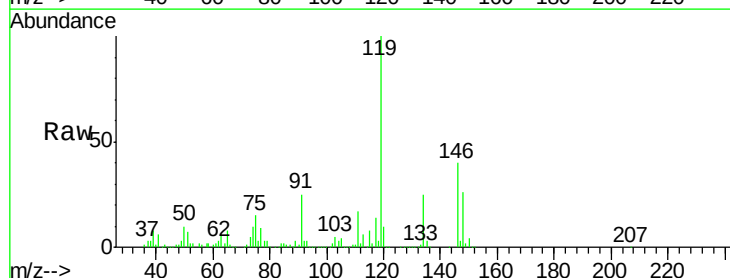
Tgt Ion:119 Resp: 1184809

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

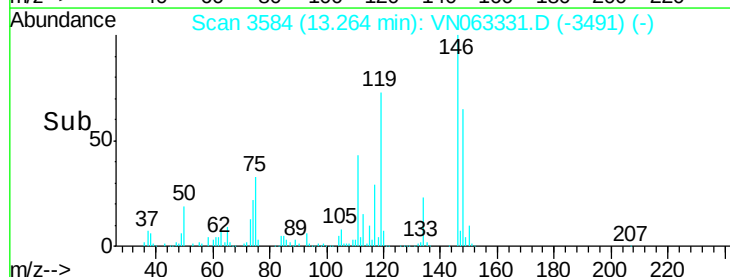
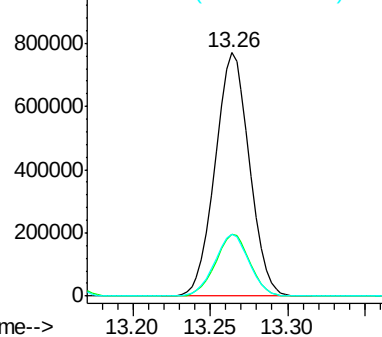
91 25.4 12.8 38.3

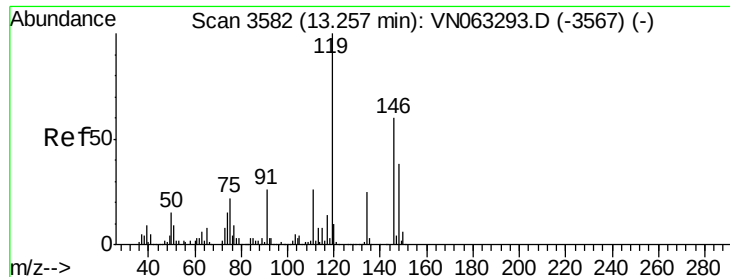


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





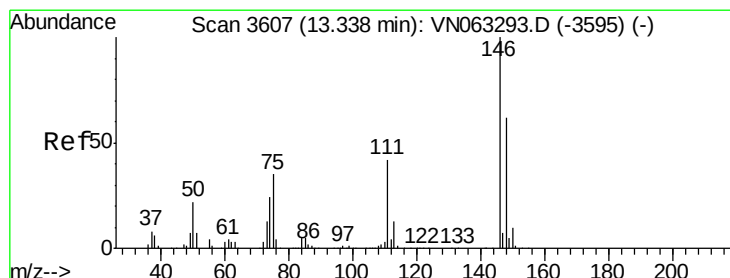
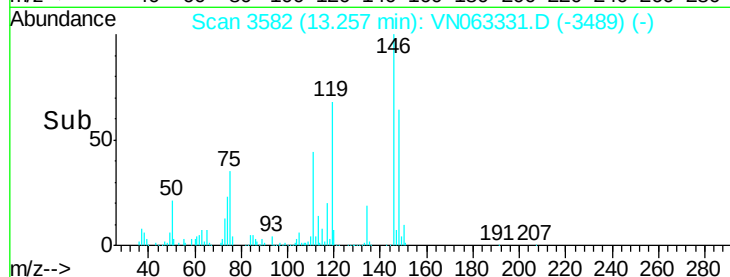
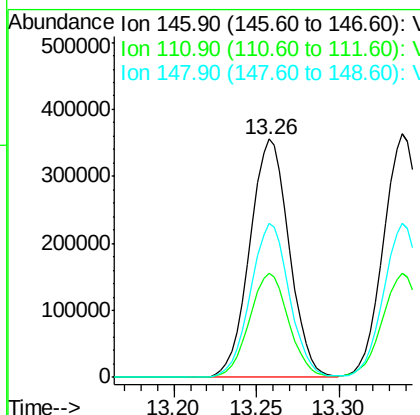
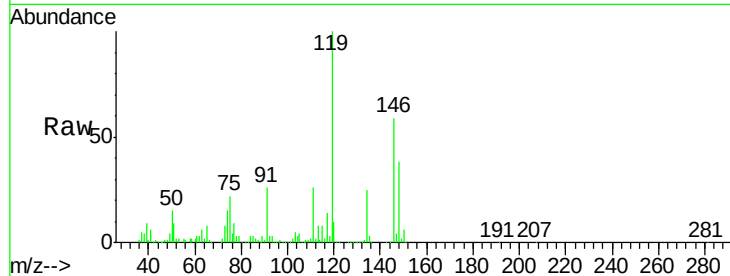
#87
 1,3-Dichlorobenzene
 Concen: 46.557 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	589540		
111	43.6	21.8	65.4	
148	63.9	31.8	95.4	

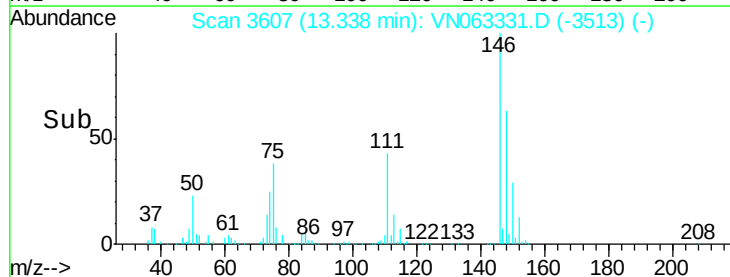
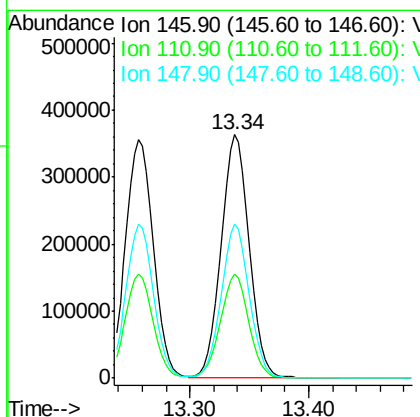
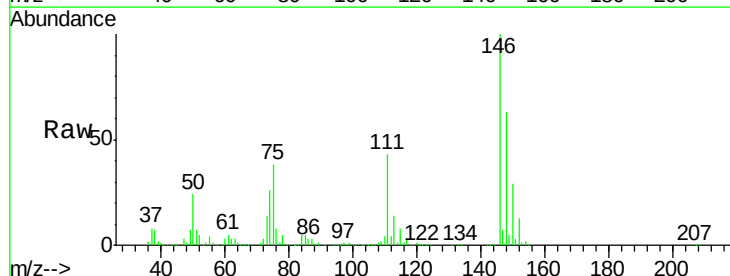
Manual Integrations
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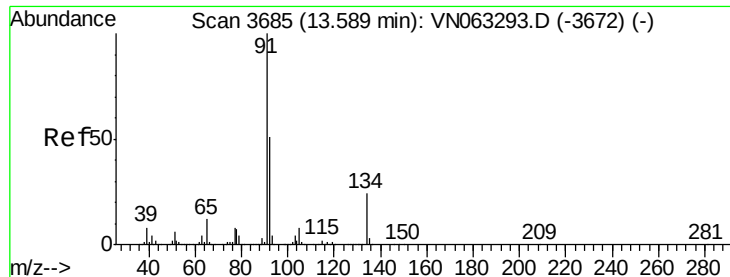
MMDadoda
 9/15/2020 1:58:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.795 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	591153		
111	43.2	21.3	64.0	
148	62.7	31.5	94.5	





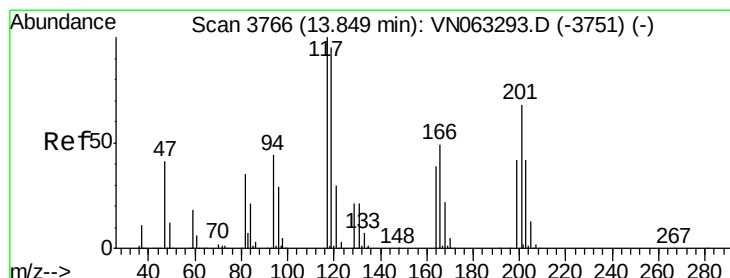
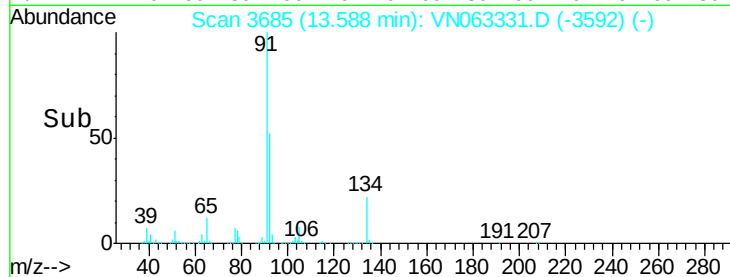
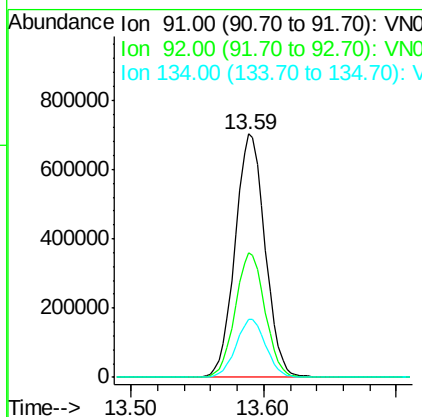
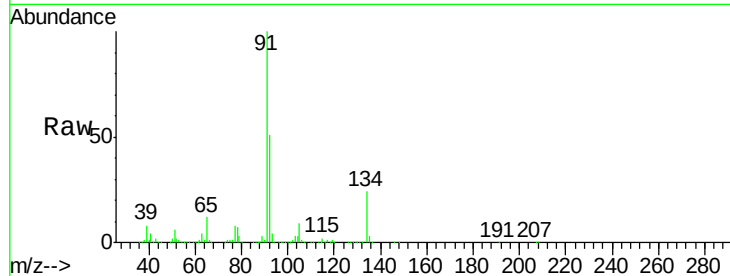
#89
n-Butylbenzene
Concen: 49.334 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	23.7	12.0	36.0

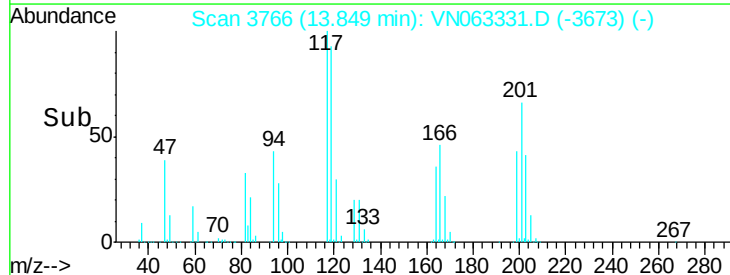
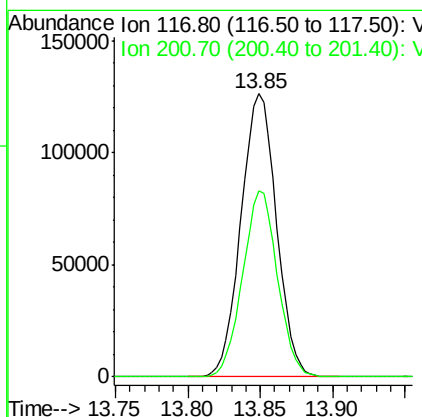
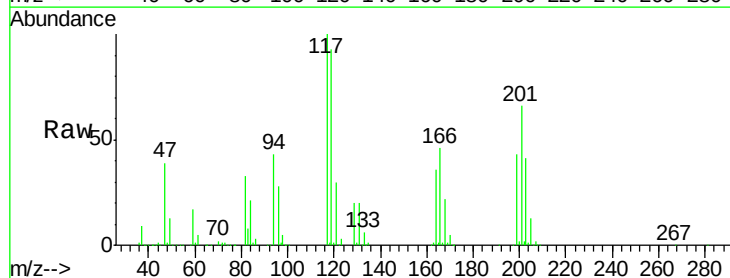
Manual Integrations
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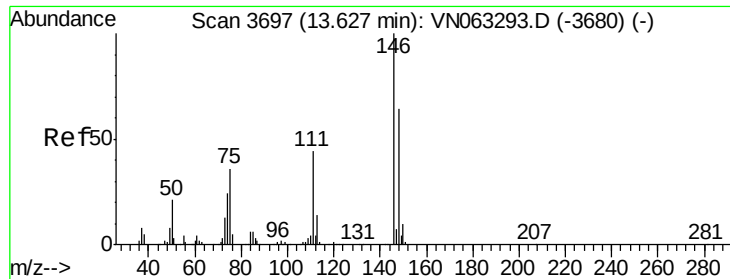
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9/15/2020 1:58:50 PM



#90
Hexachloroethane
Concen: 52.879 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.6	33.5	100.4





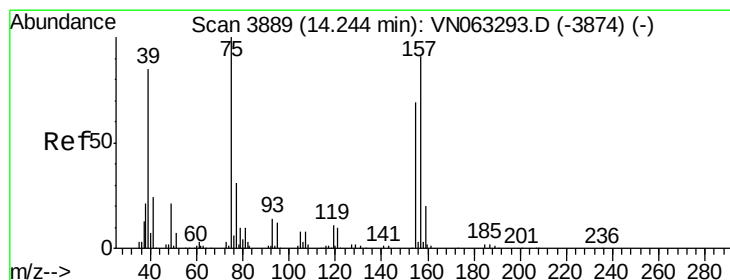
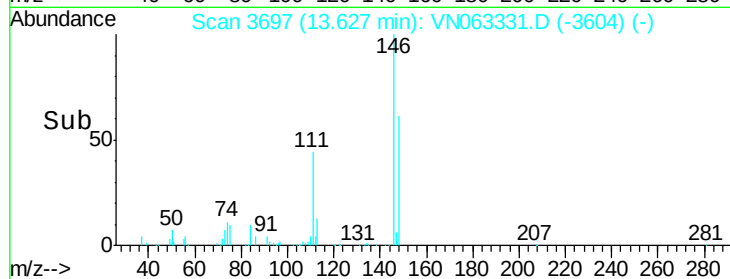
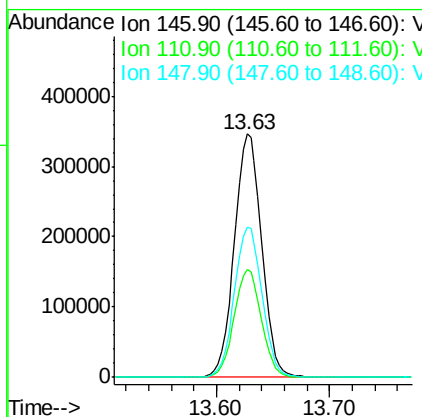
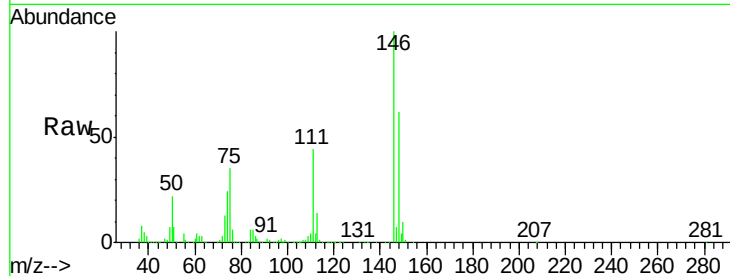
#91
 1,2-Dichlorobenzene
 Concen: 46.469 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	581580		
111	44.1	22.1	66.5	
148	62.4	31.8	95.3	

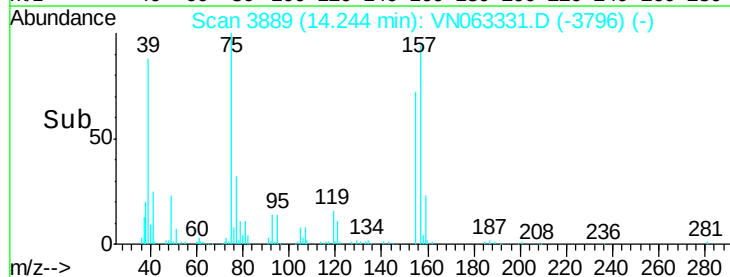
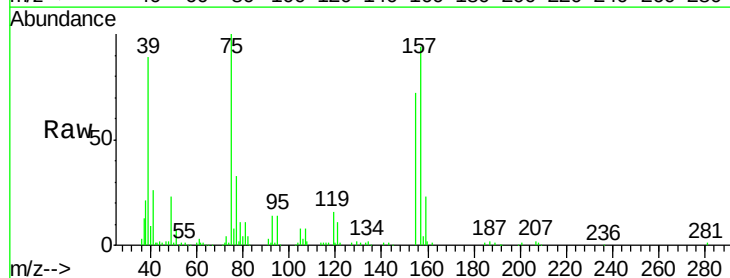
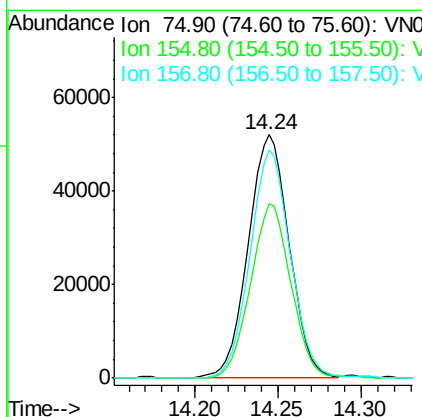
Manual Integrations
 APPROVED

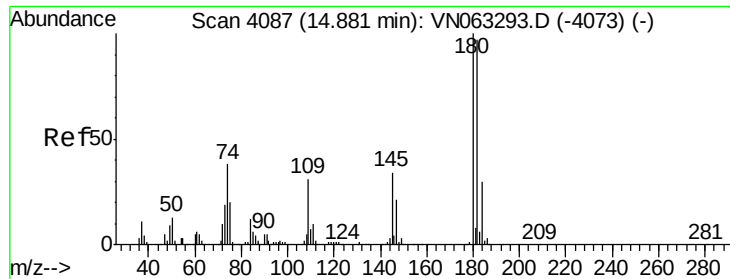
MMDadoda
 9/15/2020 1:58:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.102 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88511		
155	71.0	35.3	105.7	
157	93.3	46.7	140.0	





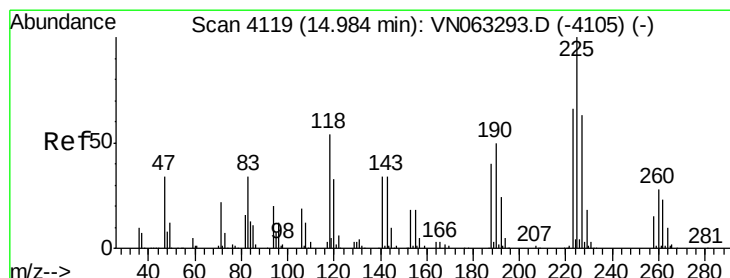
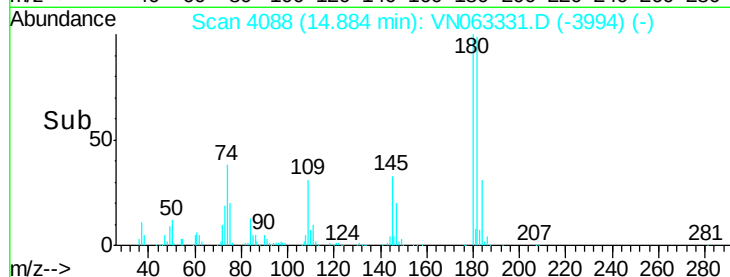
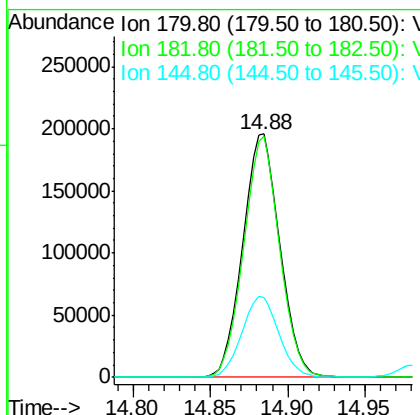
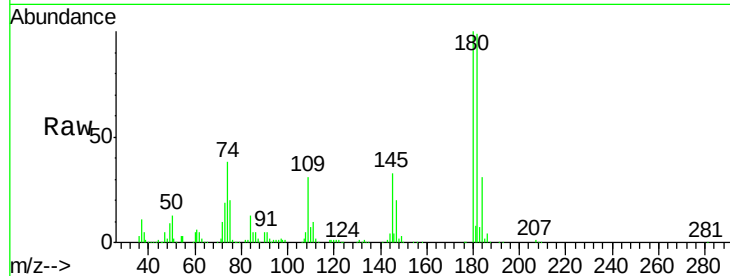
#93
 1,2,4-Trichlorobenzene
 Concen: 44.600 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	326728		
182	95.9	48.0	144.2	
145	33.2	16.6	49.8	

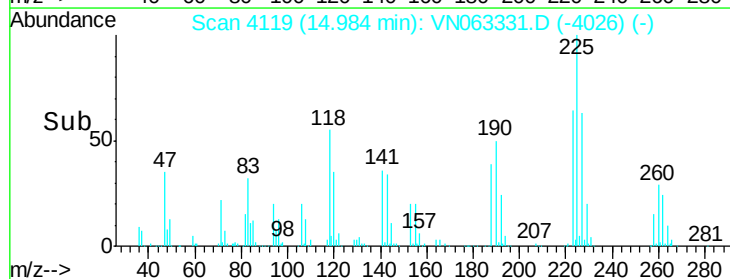
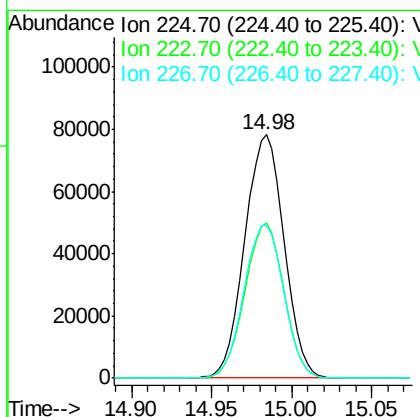
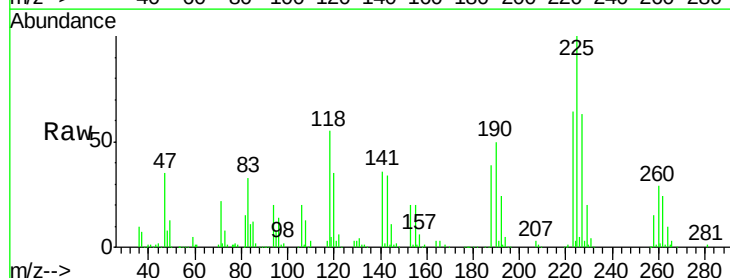
Manual Integrations
 APPROVED

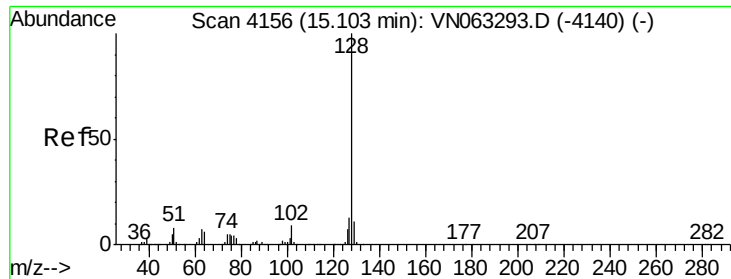
MMDadoda
 9/15/2020 1:58:50 PM



#94
 Hexachlorobutadiene
 Concen: 49.769 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063331.D
 Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131440		
223	62.9	31.3	93.9	
227	63.6	31.2	93.6	





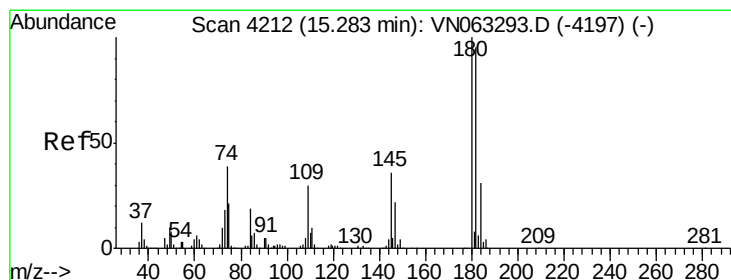
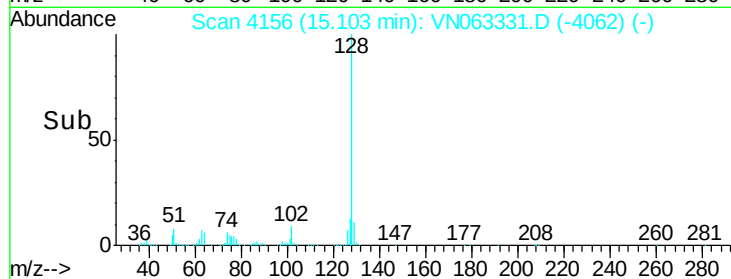
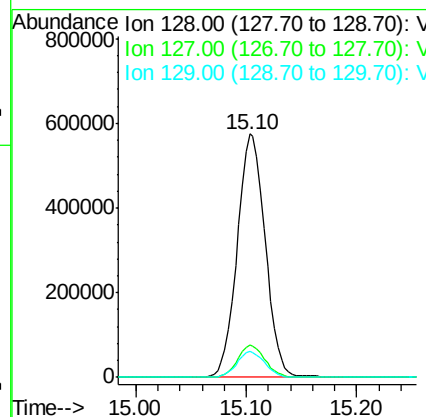
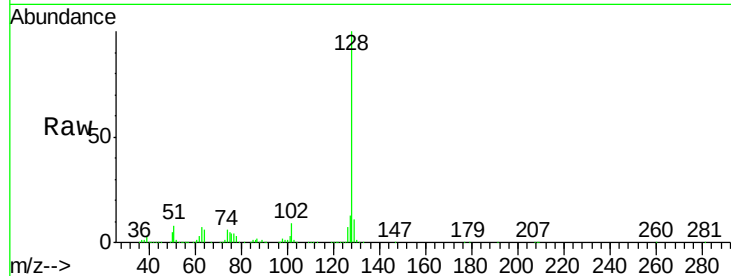
#95
Naphthalene
Concen: 45.830 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 1:58:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.439 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063331.D
Acq: 14 Sep 2020 9:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.3
145	34.8	17.2	51.6

