

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063446.D
 Acq On : 18 Sep 2020 2:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:03:28 AM

Quant Time: Sep 18 05:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	233298	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.55	113	163473	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	10.06	98	628678	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	243778	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	157455	47.775	ug/l	98
3) Chloromethane	2.04	50	187199	42.937	ug/l	100
4) Vinyl Chloride	2.16	62	186760	48.349	ug/l	99
5) Bromomethane	2.53	94	113814	49.625	ug/l	98
6) Chloroethane	2.67	64	111182	46.890	ug/l	95
7) Trichlorofluoromethane	2.99	101	287868	49.949	ug/l	99
8) Diethyl Ether	3.38	74	105176	46.814	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144593	44.612	ug/l	96
10) Methyl Iodide	3.91	142	209326	49.606	ug/l	100
11) Tert butyl alcohol	4.72	59	146290	213.241	ug/l	100
12) 1,1-Dichloroethene	3.70	96	155522	47.374	ug/l	99
13) Acrolein	3.57	56	62057	244.095	ug/l	100
14) Allyl chloride	4.28	41	286313	44.091	ug/l	97
15) Acrylonitrile	4.93	53	404584	231.849	ug/l	100
16) Acetone	3.77	43	367584	230.968	ug/l	100
17) Carbon Disulfide	4.01	76	414598	43.418	ug/l	100
18) Methyl Acetate	4.27	43	187869	46.500	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	567830	46.409	ug/l	98
20) Methylene Chloride	4.51	84	181609	45.039	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	164523	45.234	ug/l	98
22) Diisopropyl ether	5.90	45	610422	46.092	ug/l	97
23) Vinyl Acetate	5.84	43	2546080	234.090	ug/l	99
24) 1,1-Dichloroethane	5.80	63	334060	46.202	ug/l	98
25) 2-Butanone	6.78	43	551785	225.431	ug/l	99
26) 2,2-Dichloropropane	6.78	77	215296	33.820	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	197226	47.908	ug/l	97
28) Bromochloromethane	7.15	49	152357	45.637	ug/l	95
29) Tetrahydrofuran	7.16	42	373132	223.203	ug/l	99
30) Chloroform	7.33	83	345850	47.676	ug/l	96
31) Cyclohexane	7.61	56	284481	41.595	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	306939	47.572	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248982	45.268	ug/l	99
37) Ethyl Acetate	6.88	43	243136	45.040	ug/l	99
38) Carbon Tetrachloride	7.74	117	261930	46.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	257566	43.147	ug/l	98
40) Benzene	8.00	78	730306	46.513	ug/l	99
41) Methacrylonitrile	7.12	41	111846	46.067	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	297061	47.047	ug/l	99
43) Isopropyl Acetate	8.13	43	430791	44.630	ug/l #	90
44) Trichloroethene	8.80	130	181885	47.761	ug/l	98
45) 1,2-Dichloropropane	9.08	63	195915	45.814	ug/l	99
46) Dibromomethane	9.18	93	130633	46.478	ug/l	99
47) Bromodichloromethane	9.37	83	273683	46.872	ug/l	98
48) Methyl methacrylate	9.17	41	210960	44.484	ug/l	96
49) 1,4-Dioxane	9.16	88	58396	858.060	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1249293	231.186	ug/l	100
52) Toluene	10.13	92	458897	48.612	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	293869	45.082	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	307504	44.723	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	180714	48.195	ug/l	97
56) Ethyl methacrylate	10.40	69	280564	47.930	ug/l	99
57) 1,3-Dichloropropane	10.68	76	315607	46.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	721647	235.012	ug/l	97
59) 2-Hexanone	10.72	43	909179	232.234	ug/l	98
60) Dibromochloromethane	10.87	129	202538	47.813	ug/l	100
61) 1,2-Dibromoethane	10.98	107	190509	48.904	ug/l	99
64) Tetrachloroethene	10.60	164	159343	47.940	ug/l	100
65) Chlorobenzene	11.41	112	482396	46.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	179806	47.340	ug/l	99
67) Ethyl Benzene	11.48	91	914134	46.848	ug/l	100
68) m/p-Xylenes	11.60	106	674033	95.806	ug/l	97
69) o-Xylene	11.92	106	321450	47.964	ug/l	100
70) Styrene	11.94	104	561712	49.979	ug/l	99
71) Bromoform	12.10	173	128093	45.270	ug/l #	96
73) Isopropylbenzene	12.22	105	876424	46.200	ug/l	99
74) N-amyl acetate	12.05	43	472967	52.670	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	262586	44.705	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	243635m	41.580	ug/l	
77) Bromobenzene	12.50	156	269484	63.152	ug/l	63
78) n-propylbenzene	12.57	91	1024356	46.362	ug/l	99
79) 2-Chlorotoluene	12.65	91	625858	47.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	760288	48.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	82869	38.775	ug/l	99
82) 4-Chlorotoluene	12.75	91	645628	46.136	ug/l	100
83) tert-Butylbenzene	12.97	119	613216	46.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	753081	47.132	ug/l	99
85) sec-Butylbenzene	13.15	105	805522	46.093	ug/l	99
86) p-Isopropyltoluene	13.26	119	740173	48.019	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	373817	47.264	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	370572	46.084	ug/l	99
89) n-Butylbenzene	13.59	91	663797	46.720	ug/l	100
90) Hexachloroethane	13.85	117	128401	43.747	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	368237	47.422	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60579	43.311	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	219762	48.007	ug/l	99
94) Hexachlorobutadiene	14.98	225	92437	48.776	ug/l	99
95) Naphthalene	15.10	128	751258	49.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	207608	46.937	ug/l	97

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

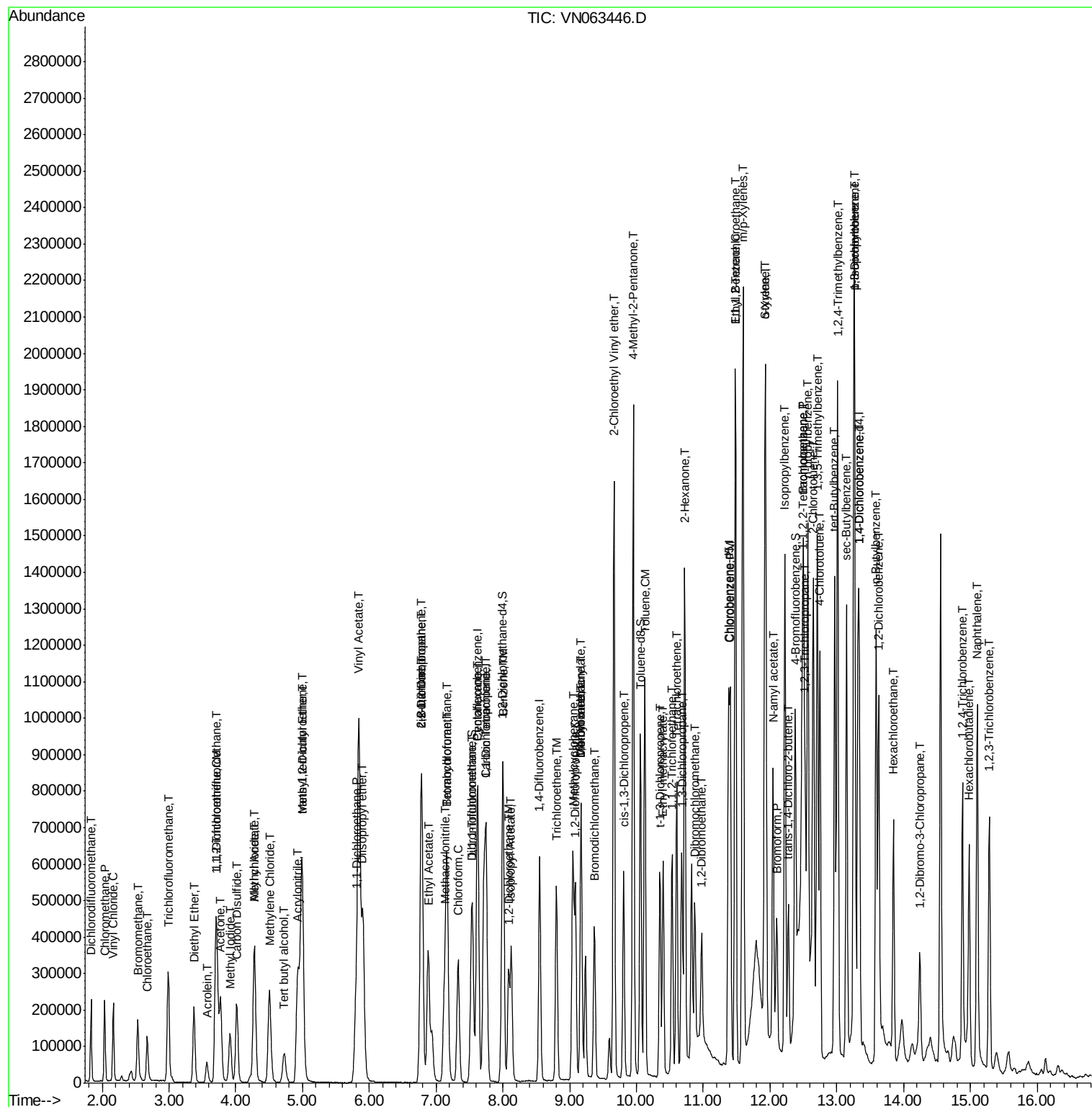
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Data File : VN063446.D
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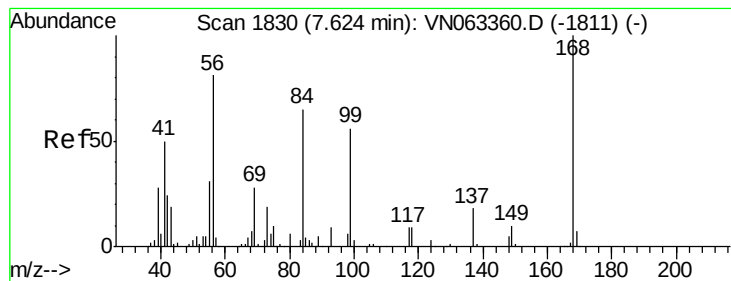
Instrument :
MSVOA_N
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VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 290908

Ion Ratio Lower Upper

168 100

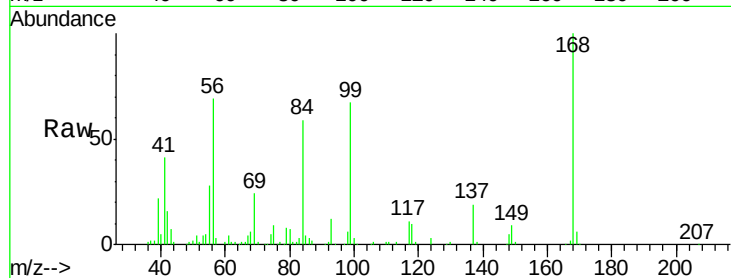
99 66.7 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

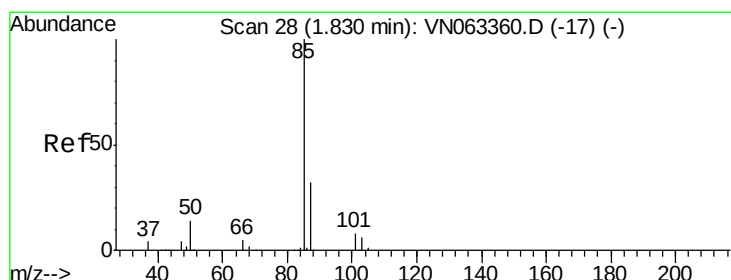
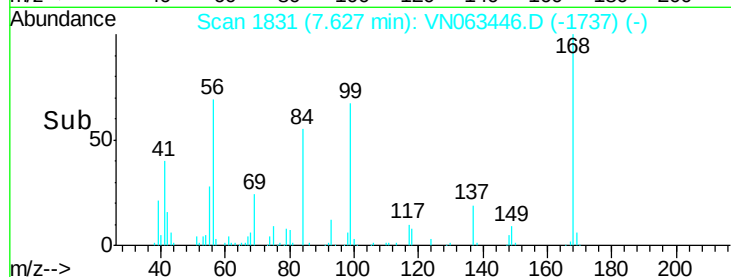
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.775 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063446.D

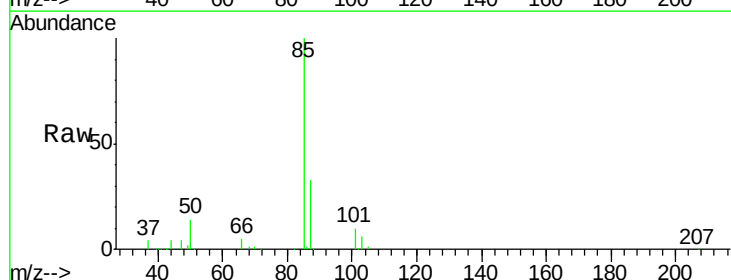
Acq: 18 Sep 2020 2:45

Tgt Ion: 85 Resp: 157455

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

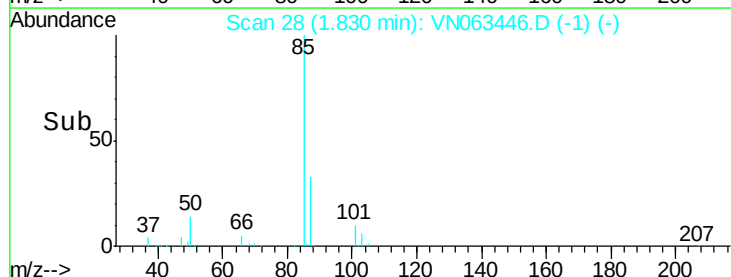
1.83

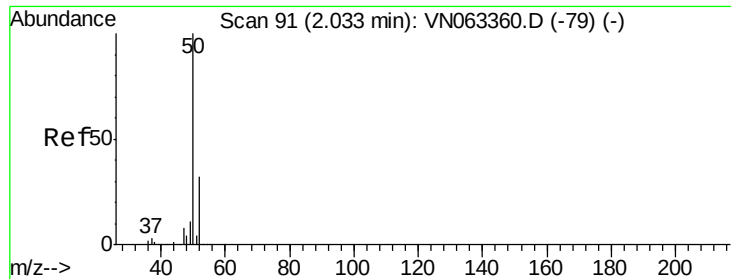
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.937 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 187199

Ion Ratio Lower Upper

50 100

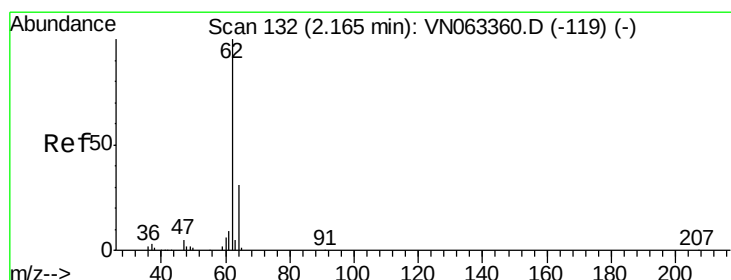
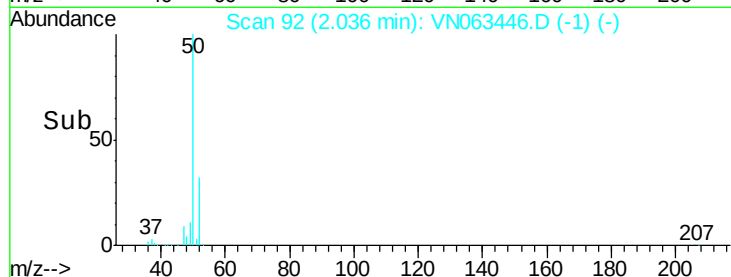
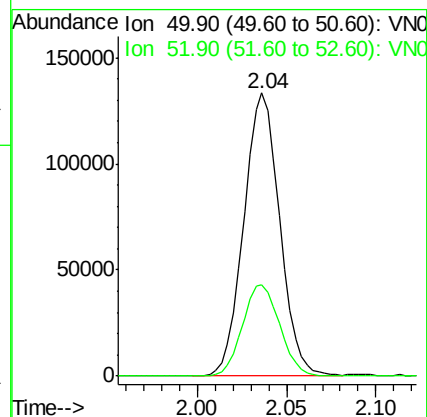
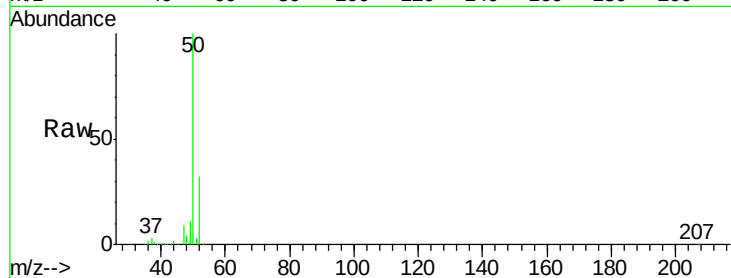
52 32.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.349 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063446.D

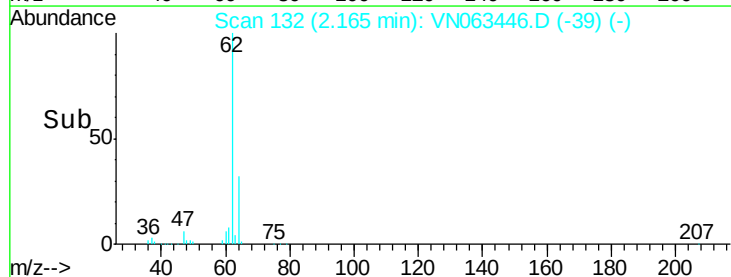
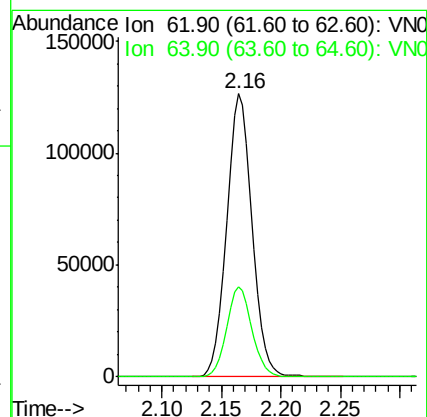
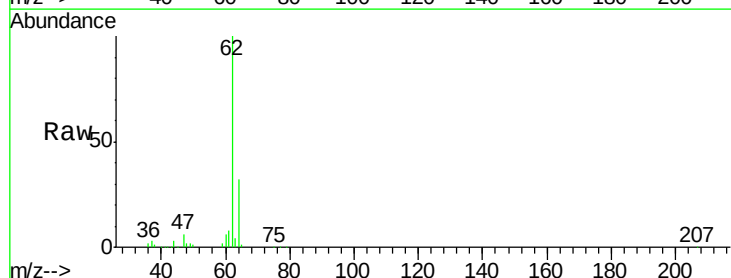
Acq: 18 Sep 2020 2:45

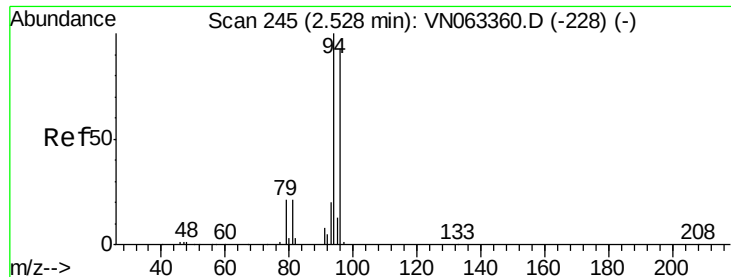
Tgt Ion: 62 Resp: 186760

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 49.625 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113814

Ion Ratio Lower Upper

94 100

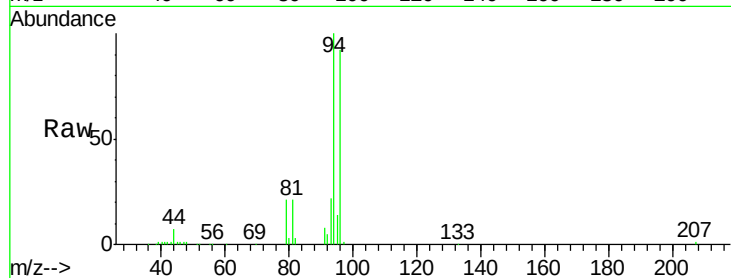
96 91.6 74.5 111.7

Manual Integrations

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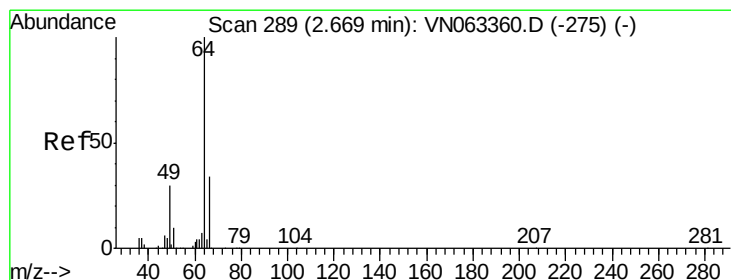
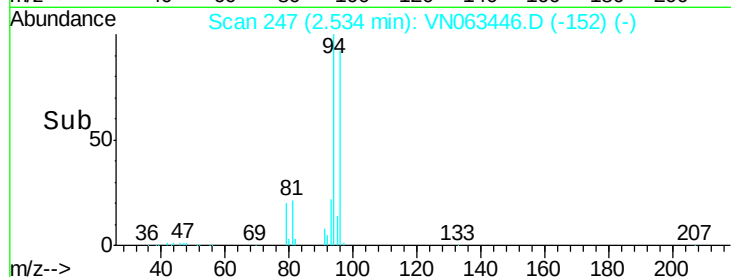
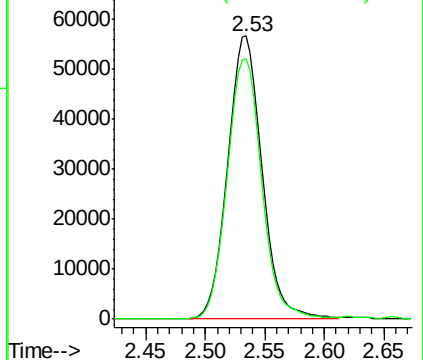
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.890 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063446.D

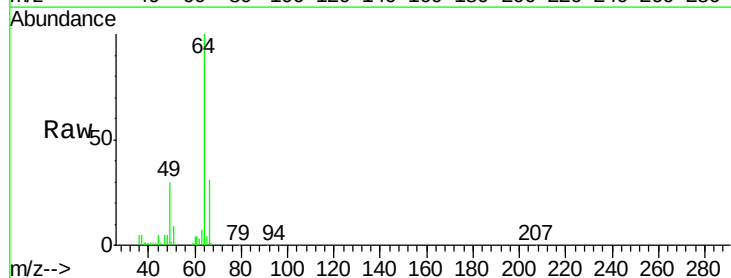
Acq: 18 Sep 2020 2:45

Tgt Ion: 64 Resp: 111182

Ion Ratio Lower Upper

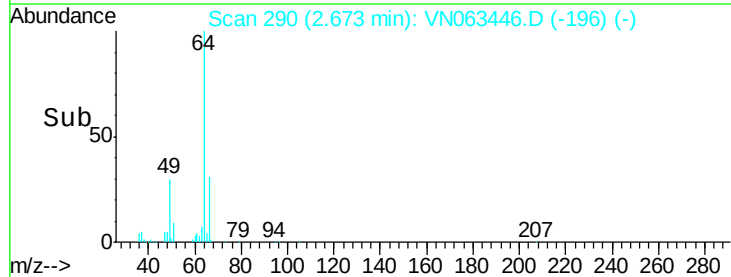
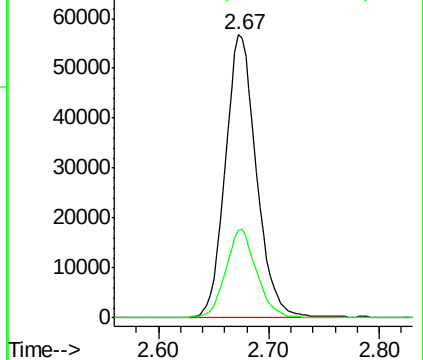
64 100

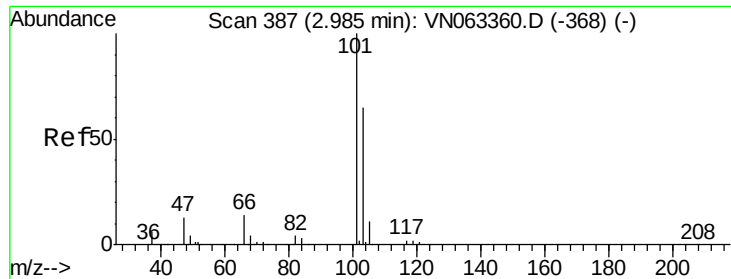
66 30.8 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

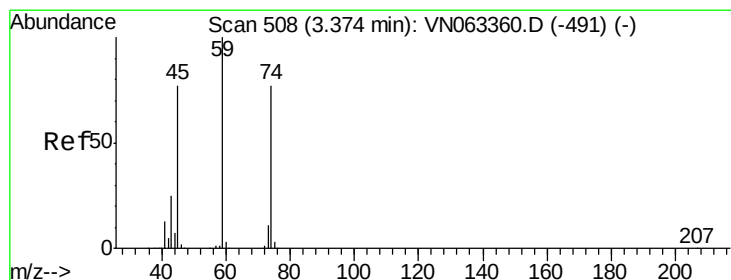
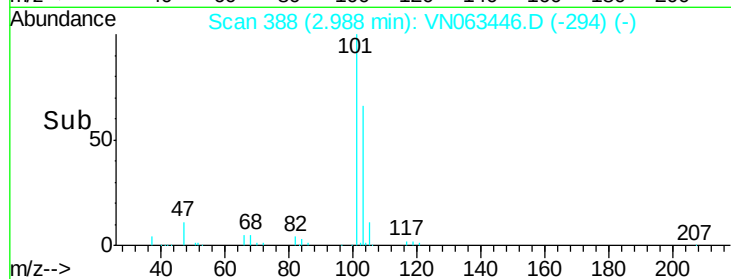
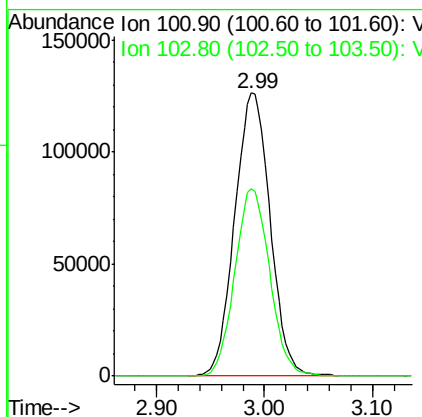
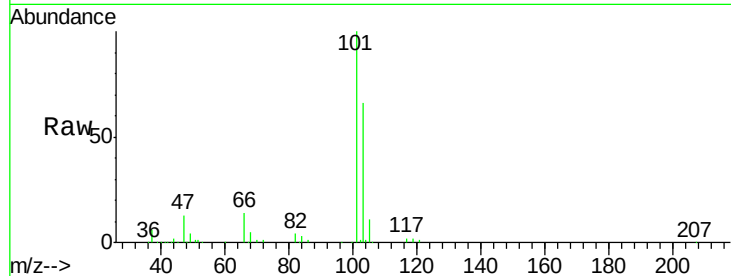
Trichlorofluoromethane
Concen: 49.949 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	287868		
103	66.4	52.3	78.5	

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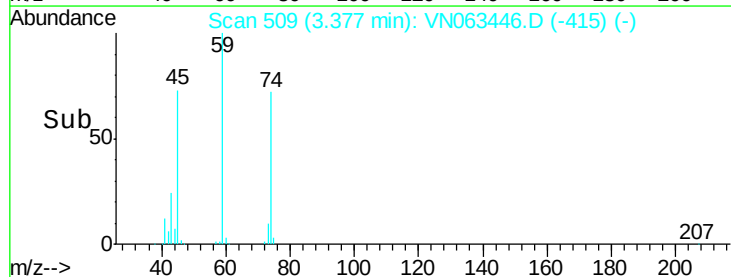
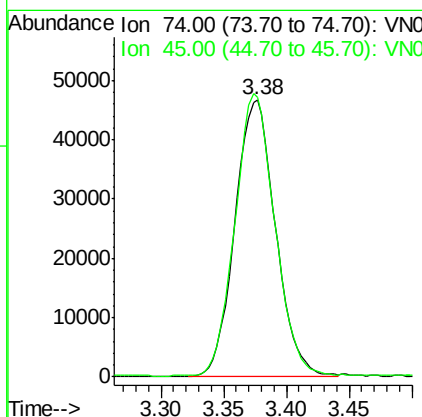
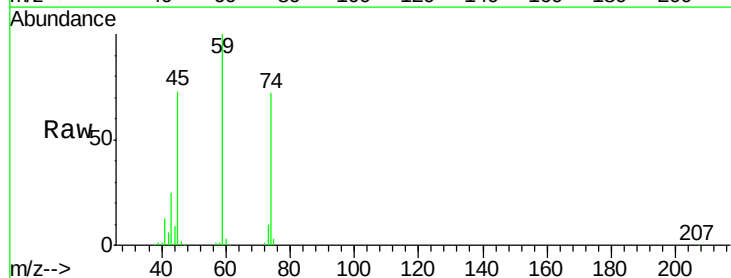
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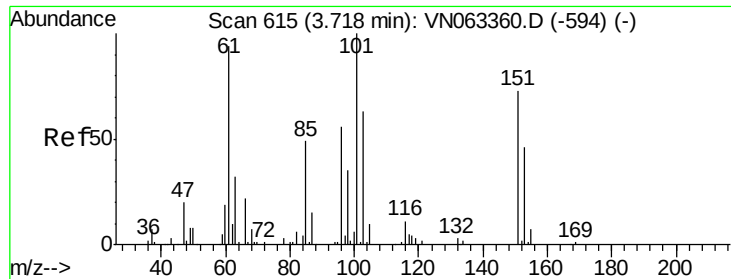


#8

Diethyl Ether
Concen: 46.814 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	105176		
45	101.2	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.612 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

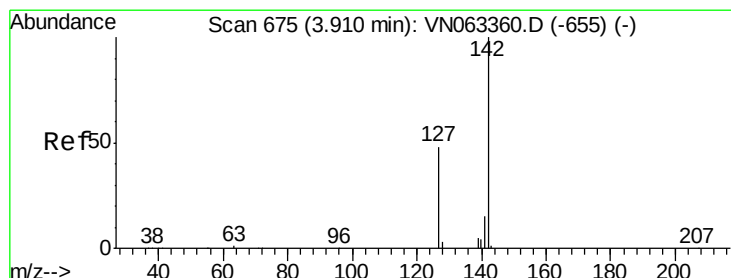
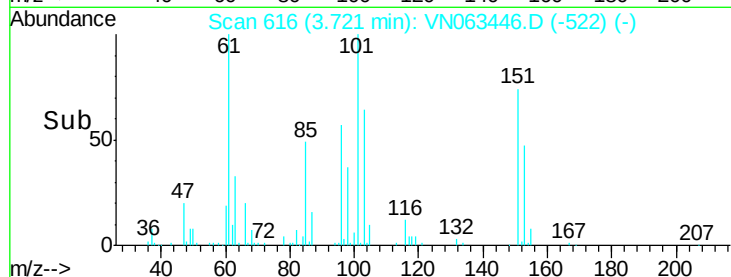
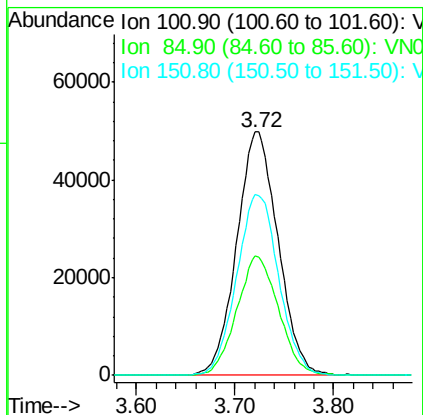
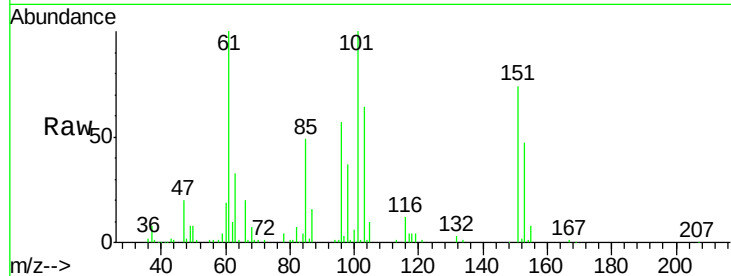
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	144593
Ion Ratio	Lower	Upper	
101	100		
85	49.4	37.7	56.5
151	75.4	57.7	86.5

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#10

Methyl Iodide

Concen: 49.606 ug/l

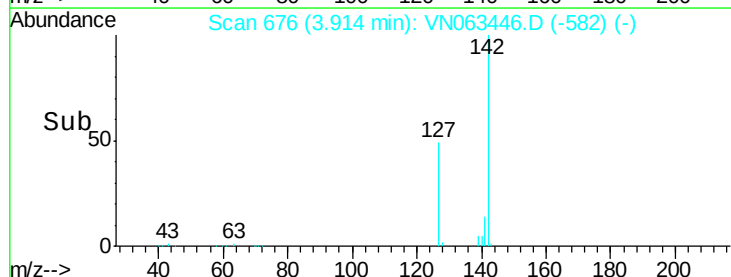
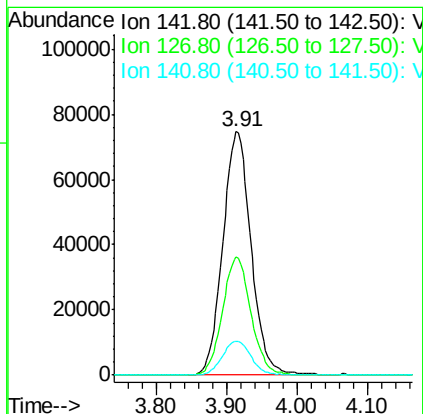
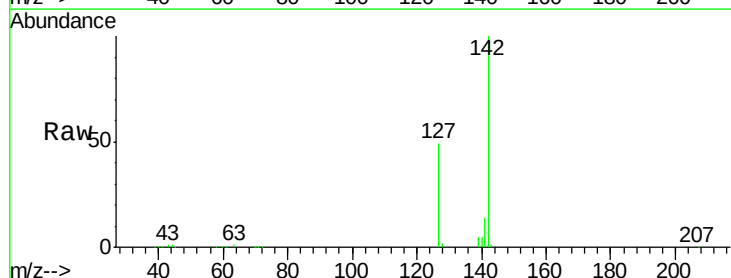
RT: 3.91 min Scan# 676

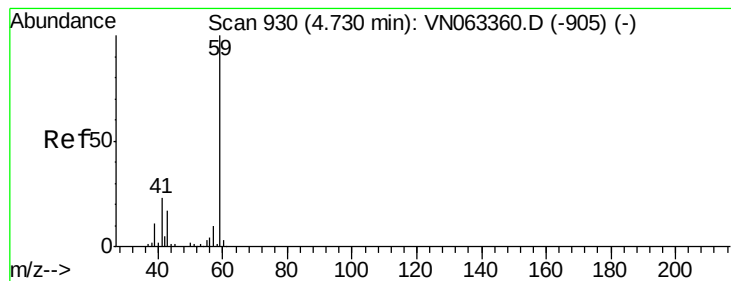
Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	142	Resp:	209326
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.0	58.6
141	14.0	11.6	17.4





#11

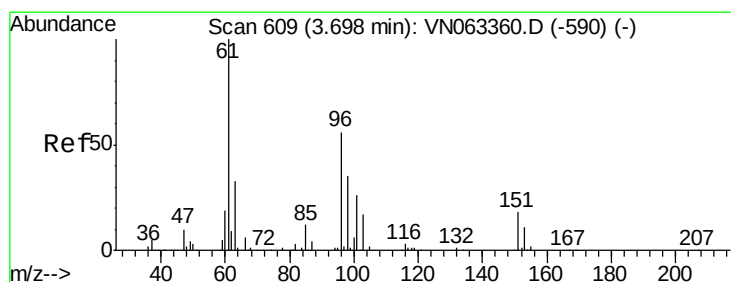
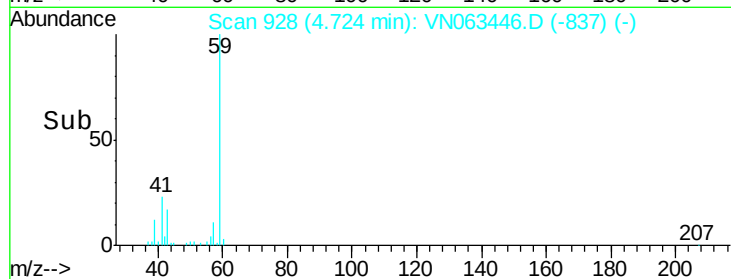
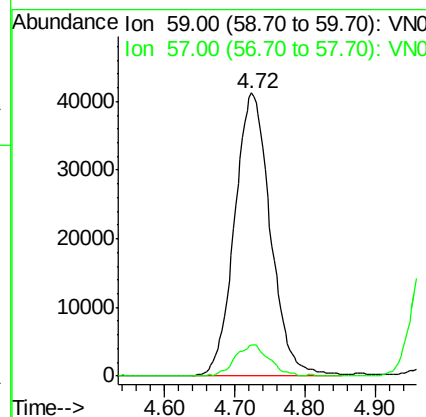
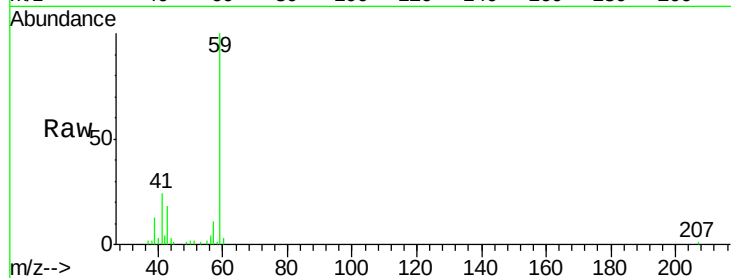
Tert butyl alcohol
 Concen: 213.241 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

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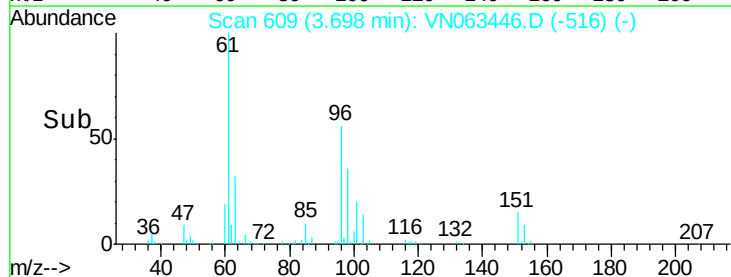
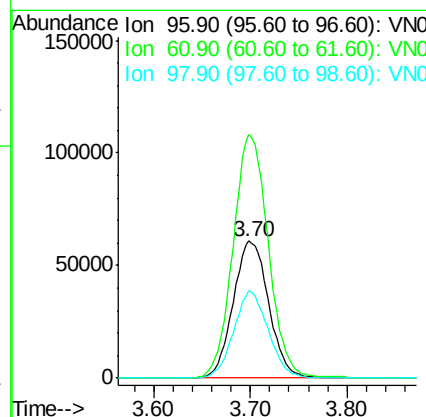
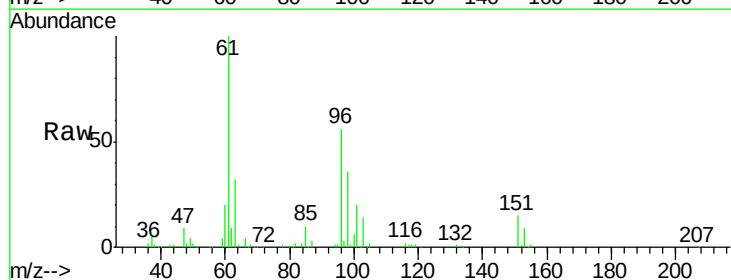
MMDadoda
 9/18/2020 10:03:28 AM

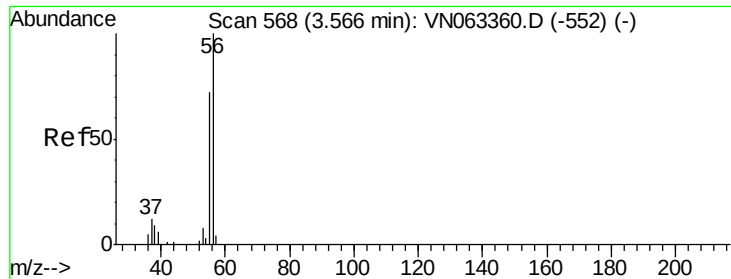


#12

1,1-Dichloroethene
 Concen: 47.374 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.6	143.4	215.2
98	63.5	50.6	76.0





#13

Acrolein

Concen: 244.095 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 62057

Ion Ratio Lower Upper

56 100

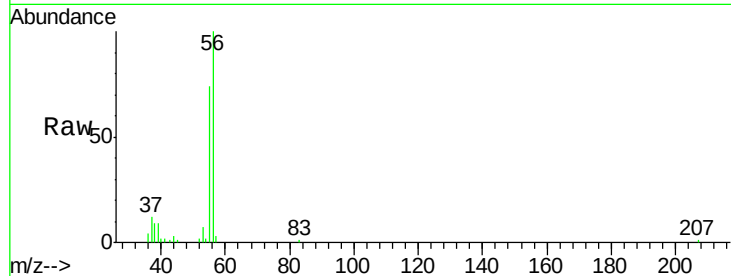
55 72.6 58.2 87.2

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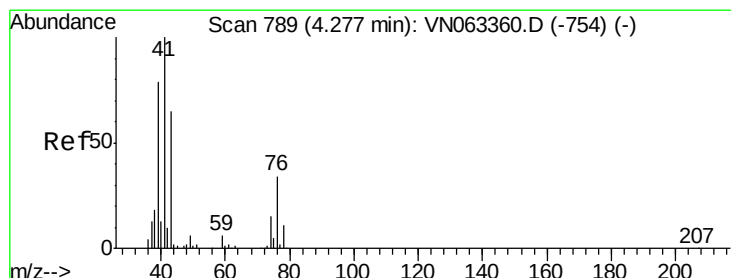
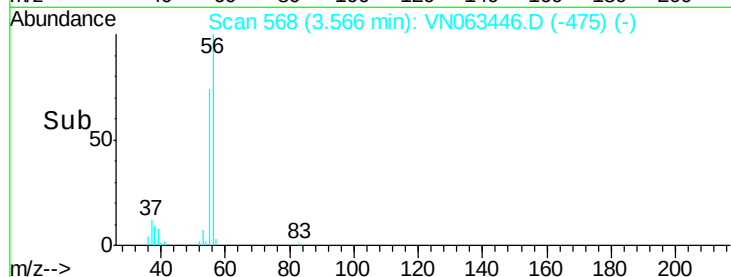
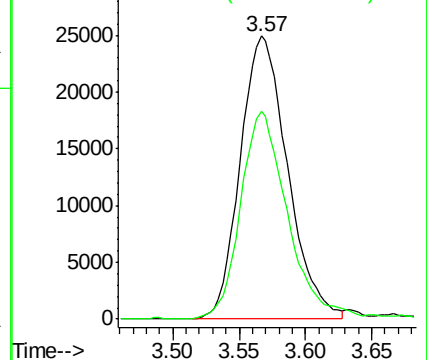
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.091 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

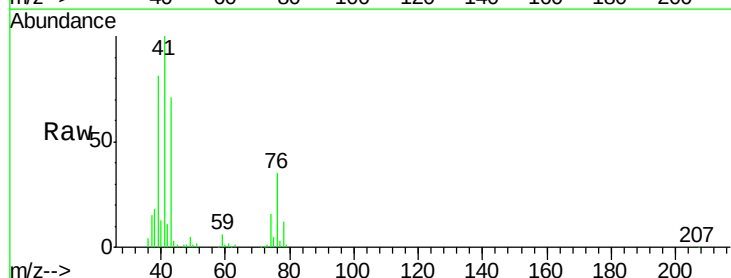
Tgt Ion: 41 Resp: 286313

Ion Ratio Lower Upper

41 100

39 77.1 59.3 88.9

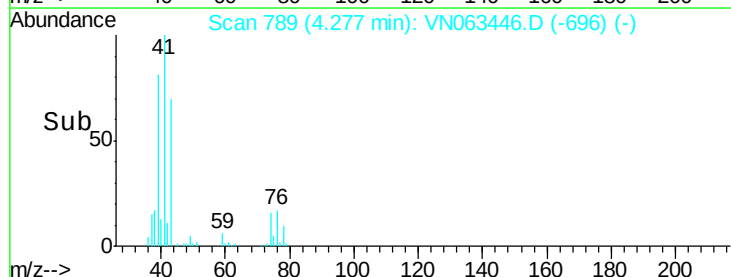
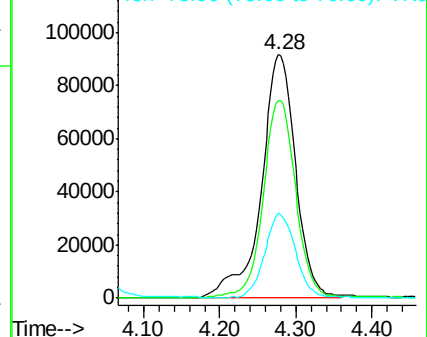
76 30.6 25.3 37.9

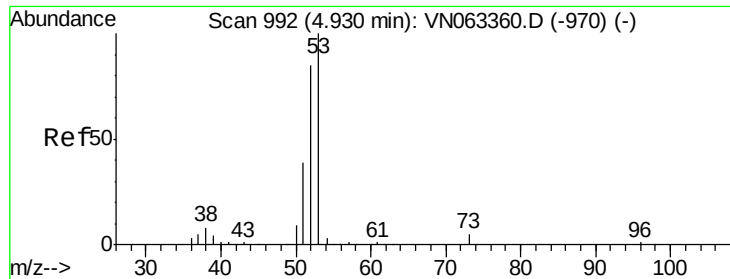


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 231.849 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

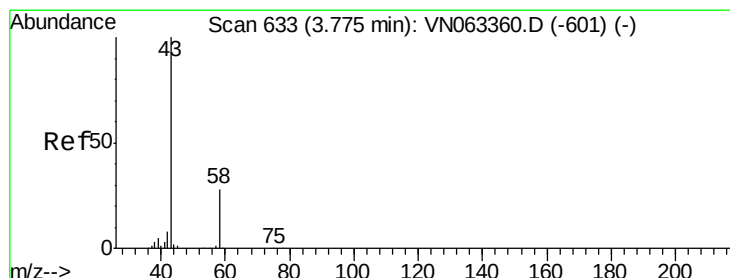
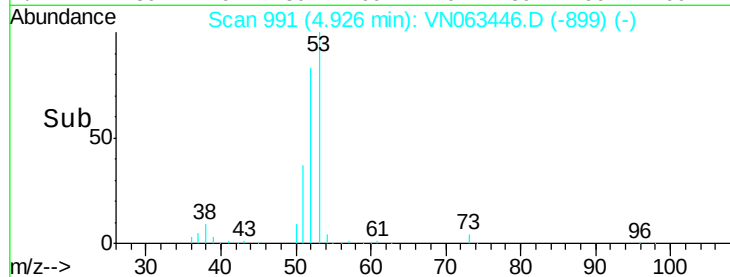
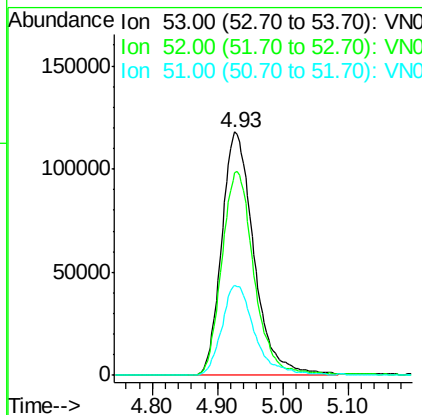
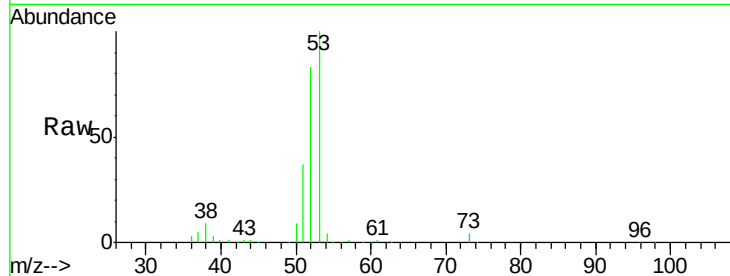
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	404584
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	37.8	30.2	45.4

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#16

Acetone

Concen: 230.968 ug/l

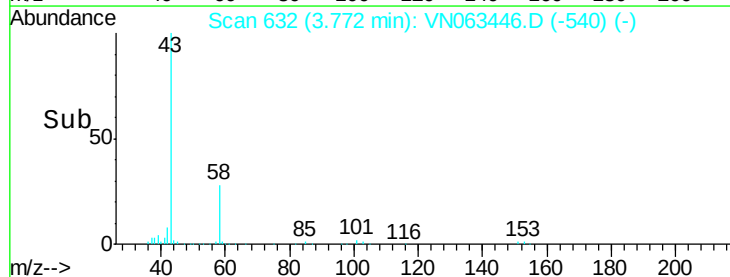
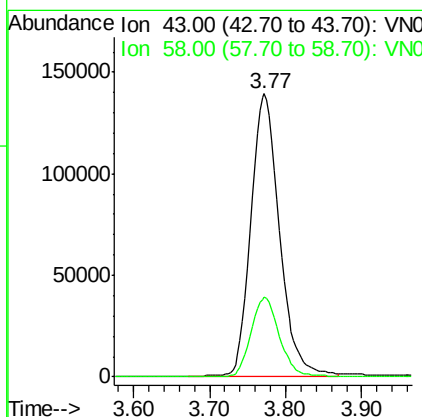
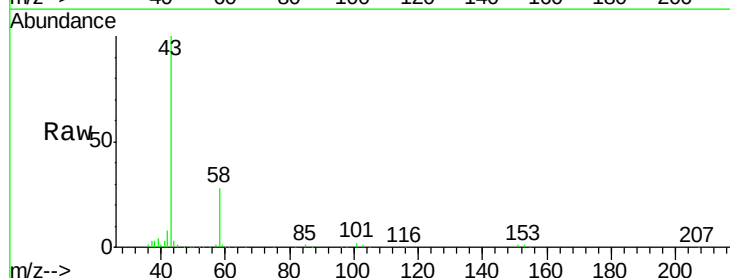
RT: 3.77 min Scan# 632

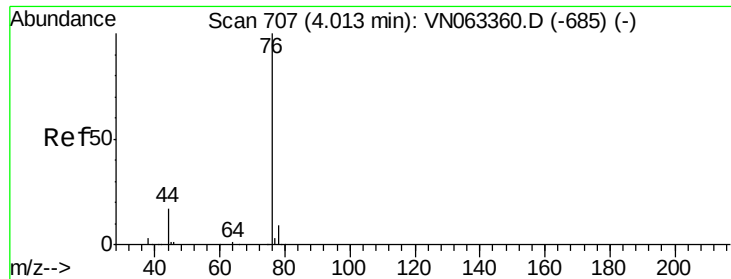
Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	43	Resp:	367584
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5





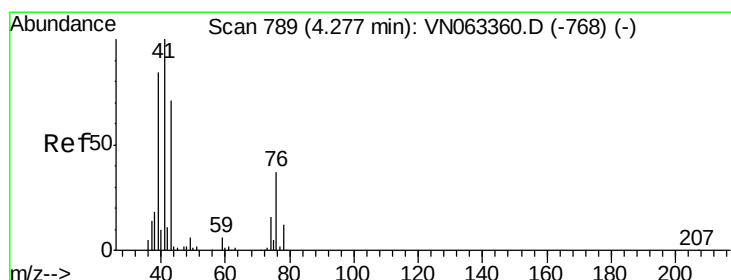
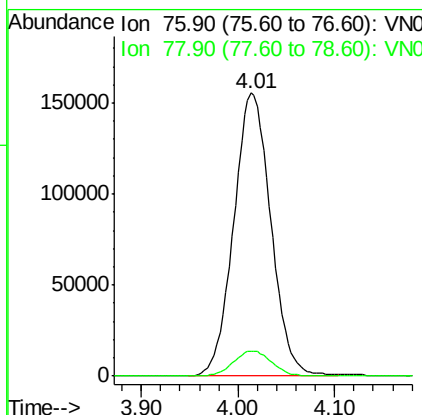
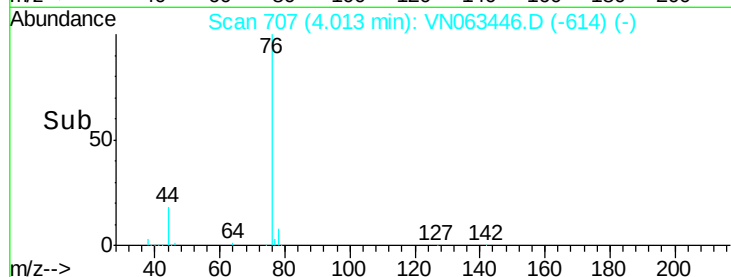
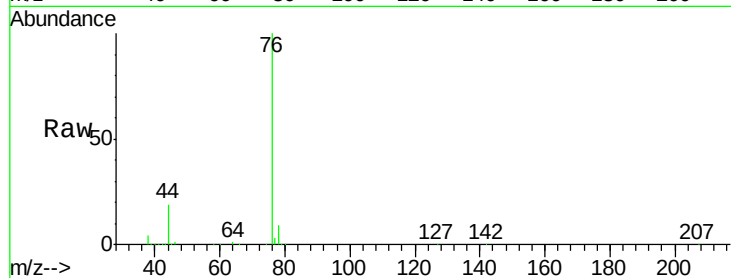
#17
Carbon Disulfide
Concen: 43.418 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 414598
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

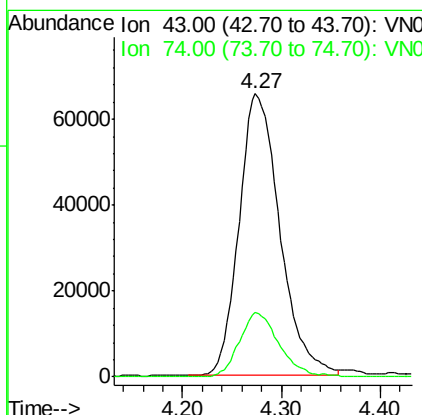
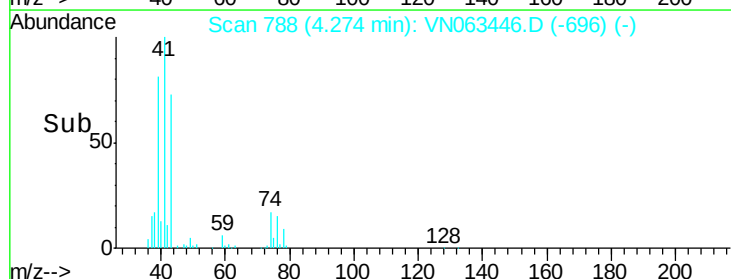
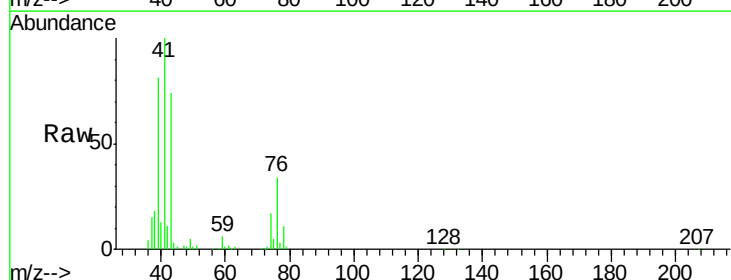
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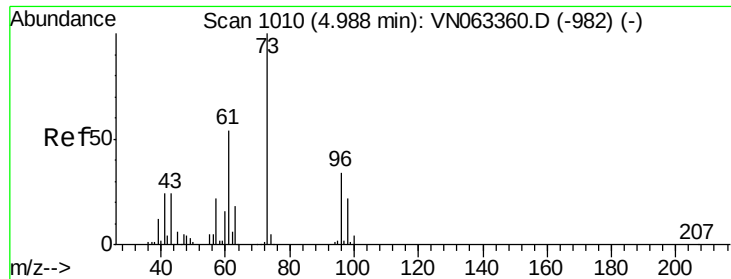
MMDadoda
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#18
Methyl Acetate
Concen: 46.500 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 43 Resp: 187869
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





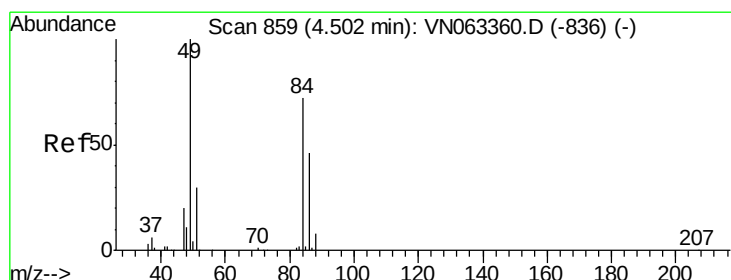
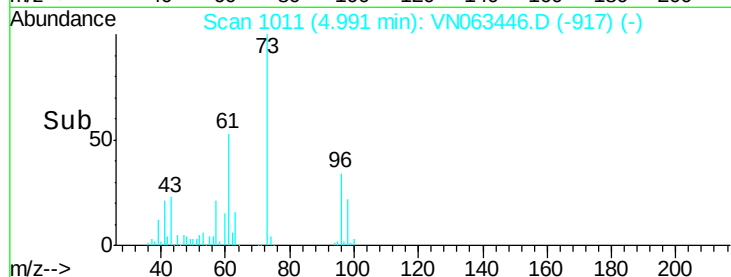
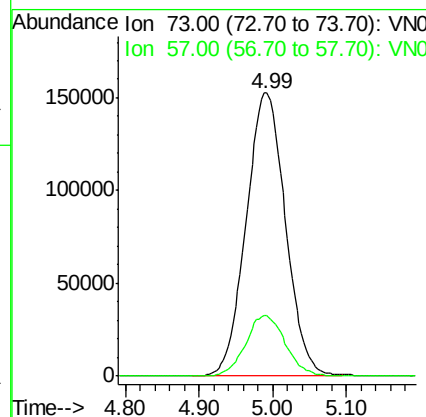
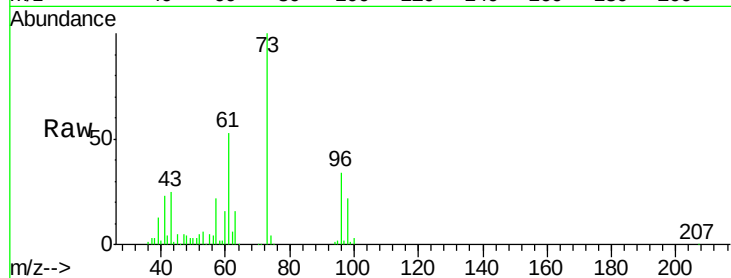
#19
Methvl tert-butvl Ether
Concen: 46.409 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 567830
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9

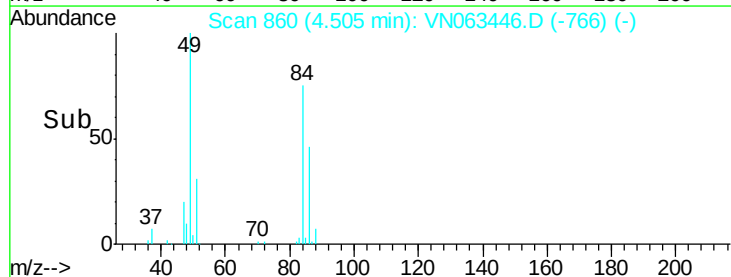
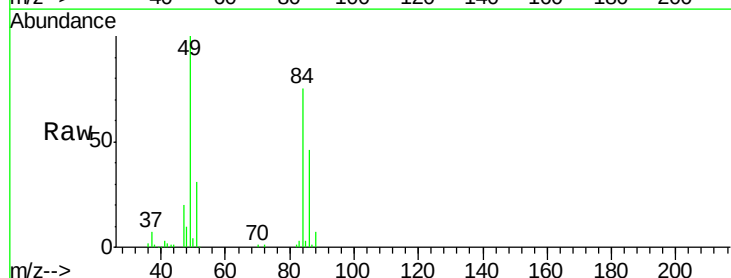
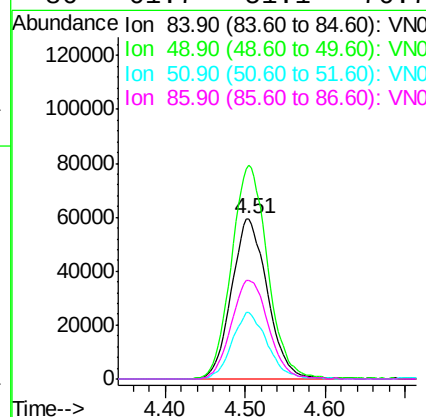
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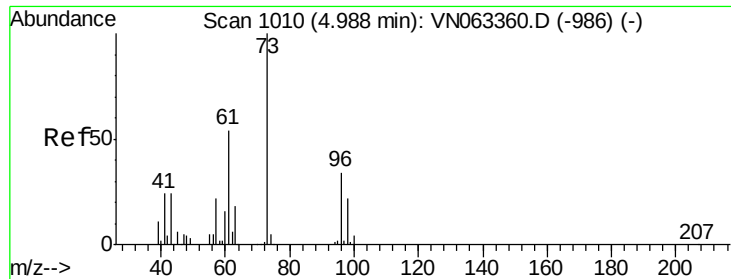
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#20
Methylene Chloride
Concen: 45.039 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 84 Resp: 181609
Ion Ratio Lower Upper
84 100
49 133.0 110.7 166.1
51 41.7 32.9 49.3
86 61.7 51.1 76.7





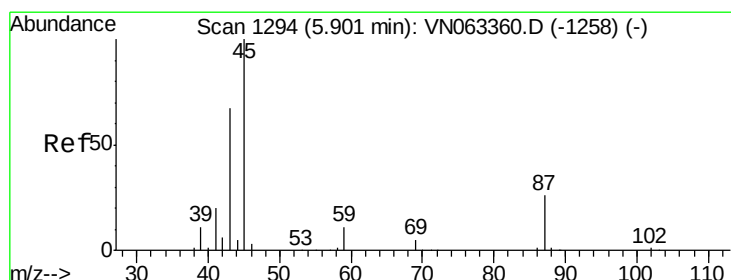
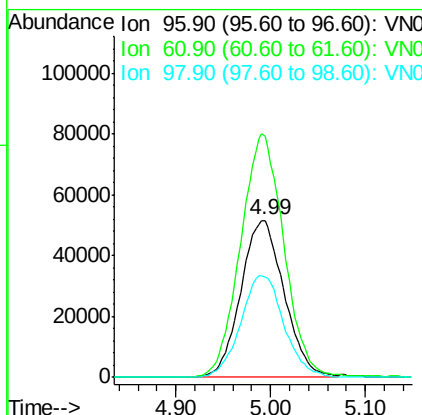
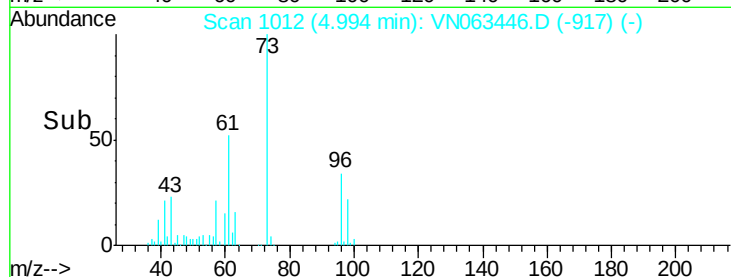
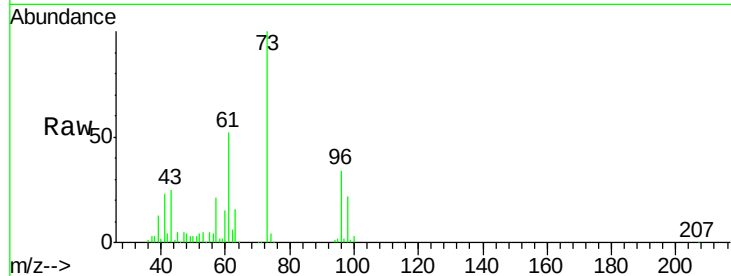
#21
trans-1,2-Dichloroethene
Concen: 45.234 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.6	126.2	189.4
98	64.2	51.0	76.4

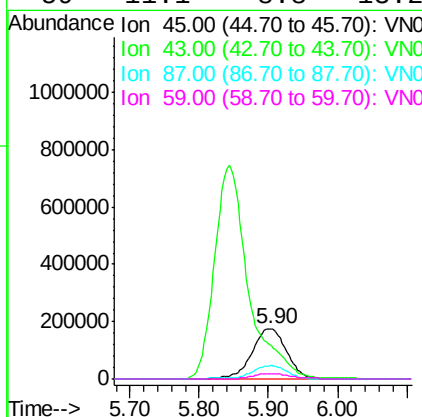
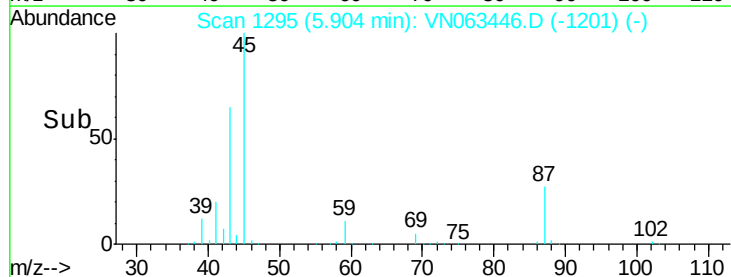
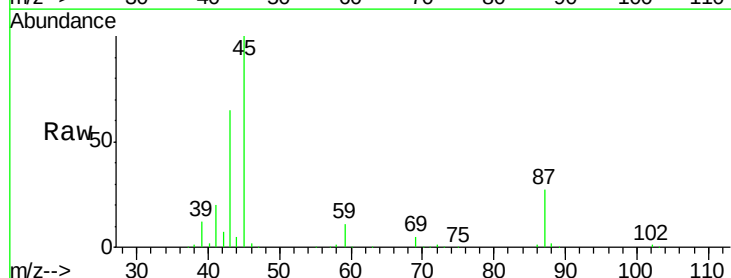
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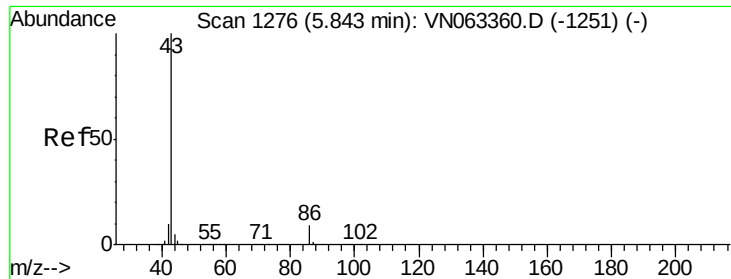
MMDadoda
9/18/2020 10:03:28 AM



#22
Diisopropyl ether
Concen: 46.092 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	53.5	80.3
87	26.6	21.2	31.8
59	11.1	8.8	13.2





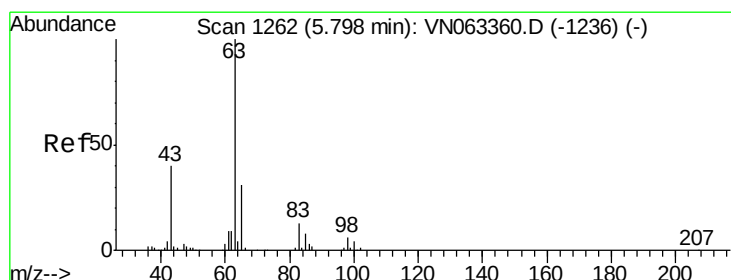
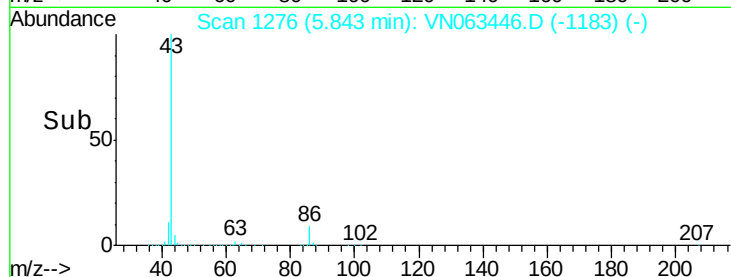
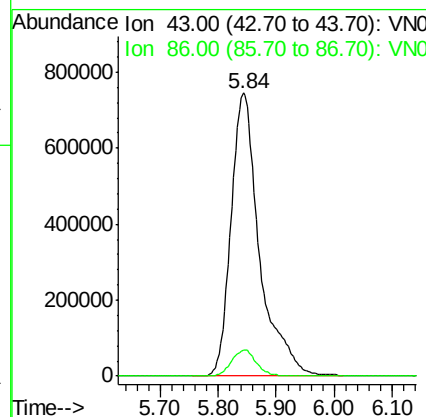
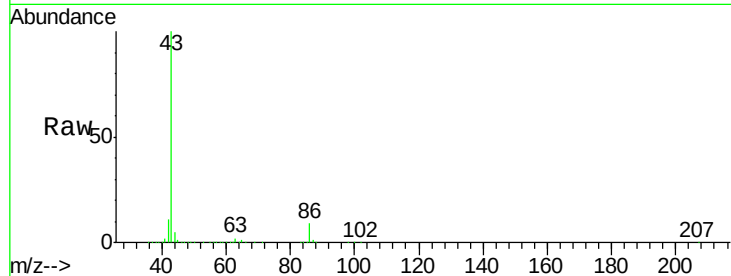
#23
 Vinyl Acetate
 Concen: 234.090 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2546080
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7

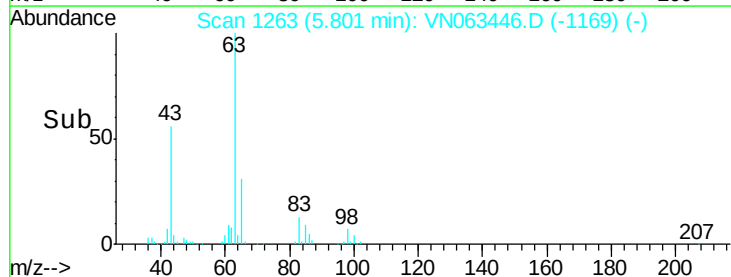
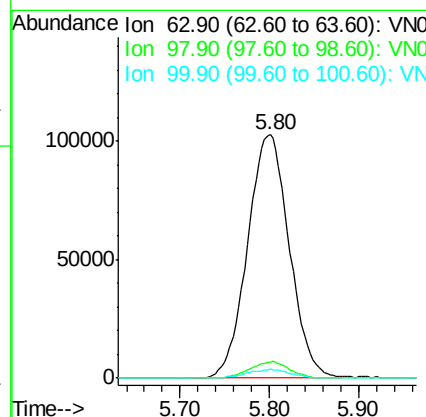
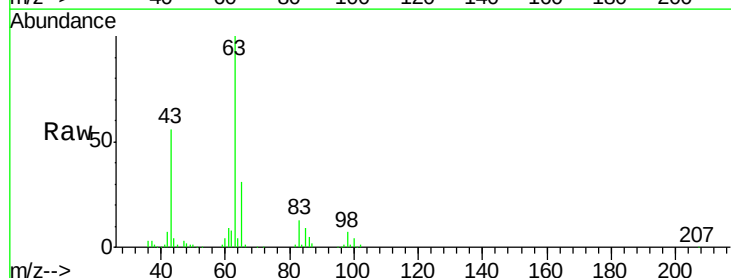
Manual Integrations
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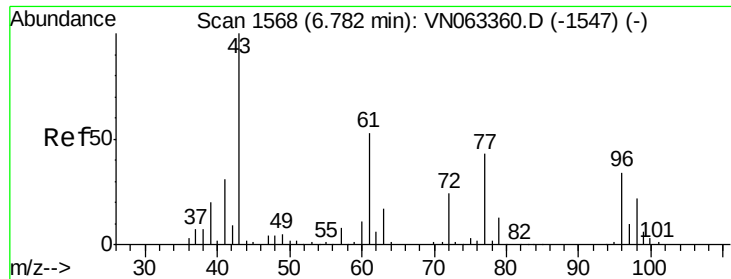
MMDadoda
 9/18/2020 10:03:28 AM



#24
 1,1-Dichloroethane
 Concen: 46.202 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 63 Resp: 334060
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 225.431 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 551785

Ion Ratio Lower Upper

43 100

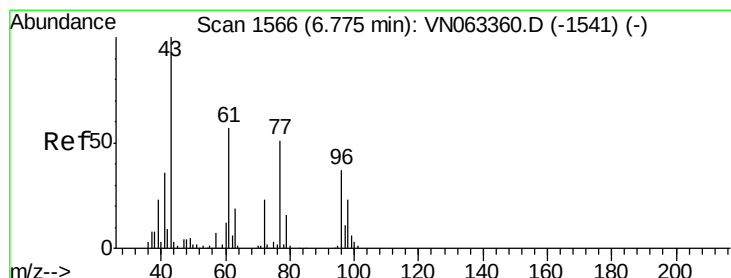
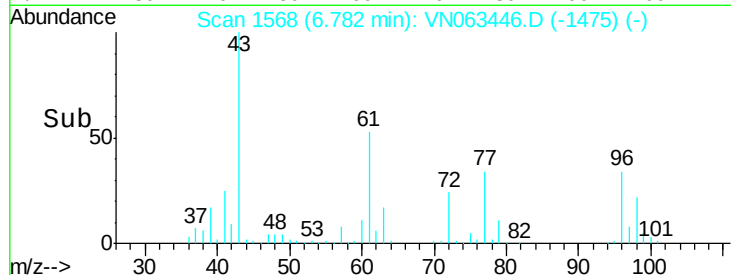
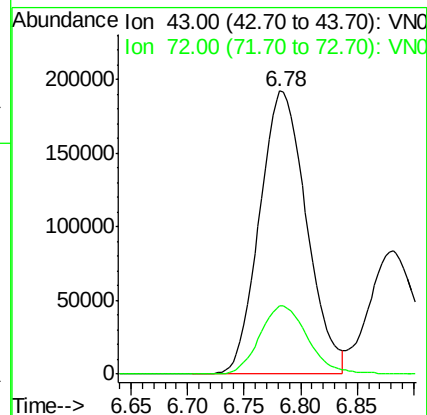
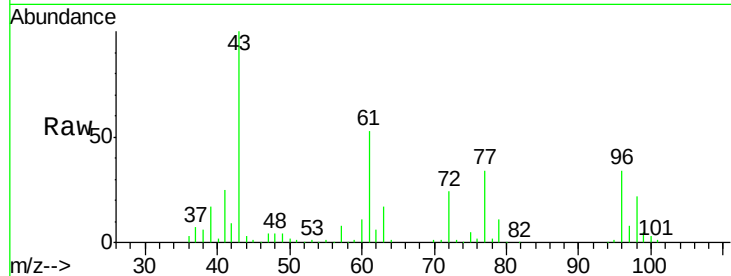
72 24.3 19.2 28.8

Manual Integrations

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MMDadoda

9/18/2020 10:03:28 AM



#26

2,2-Dichloropropane

Concen: 33.820 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063446.D

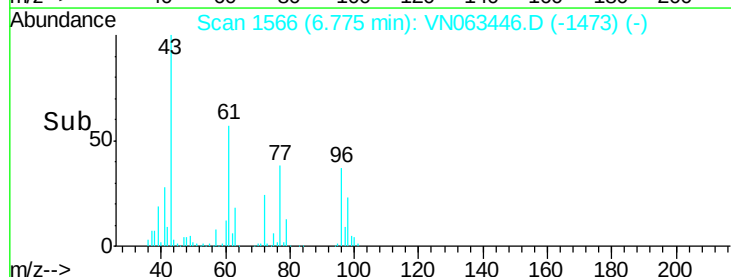
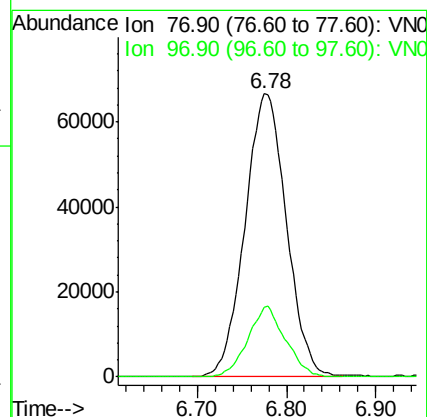
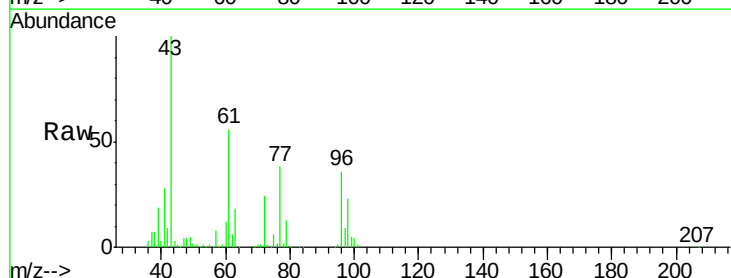
Acq: 18 Sep 2020 2:45

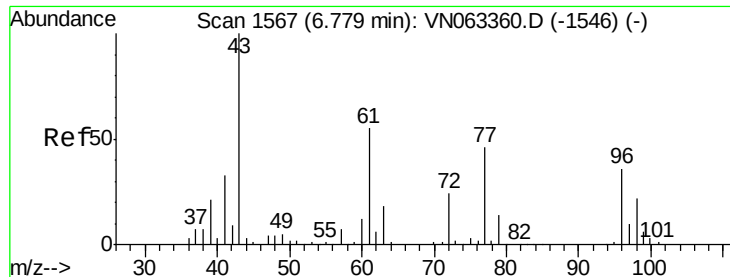
Tgt Ion: 77 Resp: 215296

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.908 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

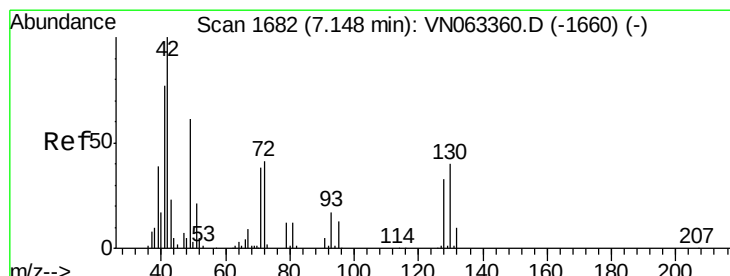
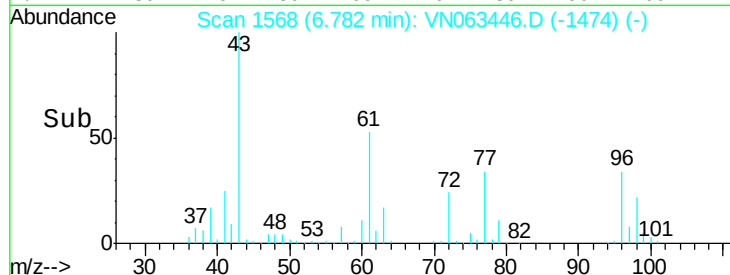
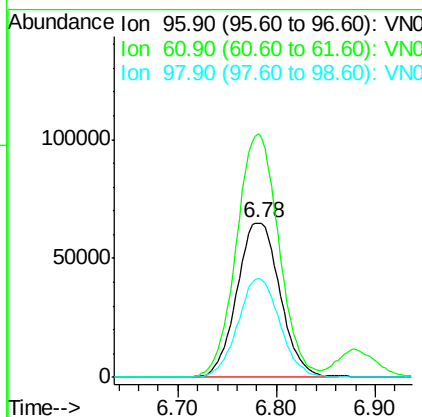
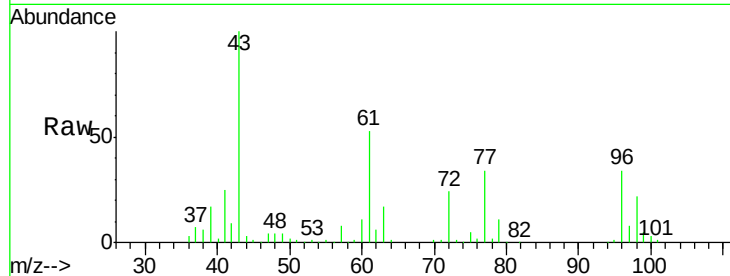
ClientSampled :

VSTDCCC050EC

Tot Ion:	96	Resp:	197226
Ion Ratio	Lower	Upper	
96	100		
61	154.8	0.0	319.6
98	62.4	0.0	127.8

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#28

Bromochloromethane

Concen: 45.637 ug/l

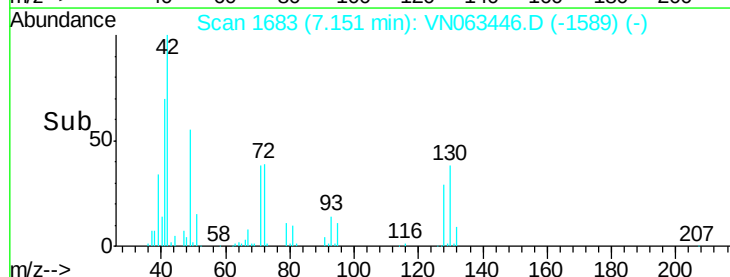
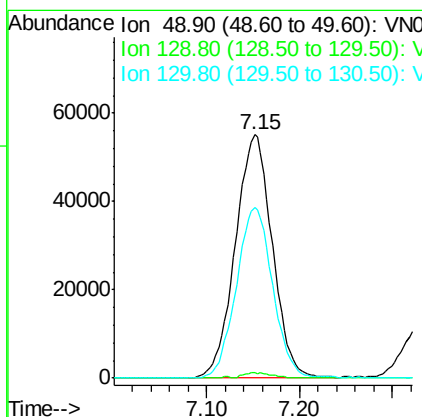
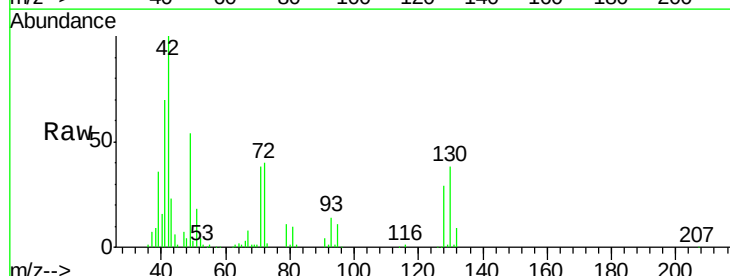
RT: 7.15 min Scan# 1683

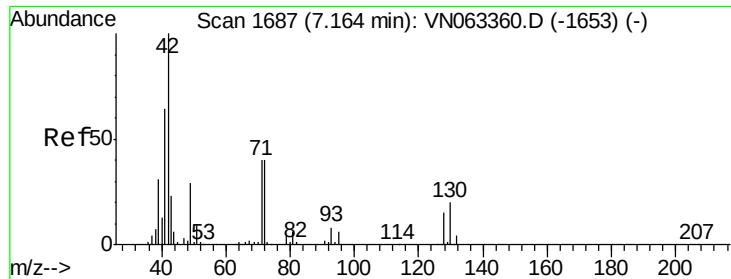
Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	49	Resp:	152357
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.8
130	69.1	52.2	78.2





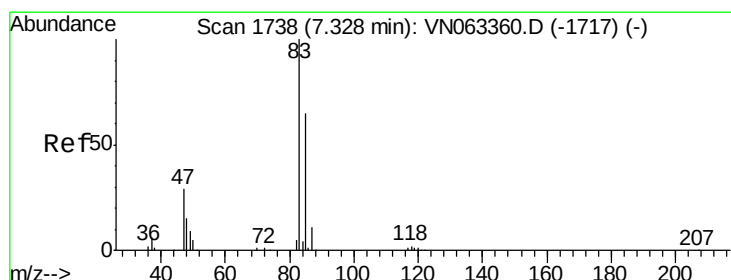
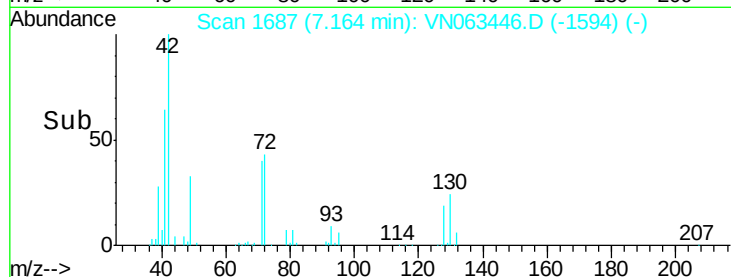
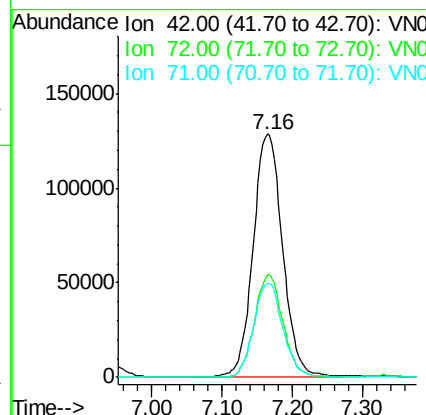
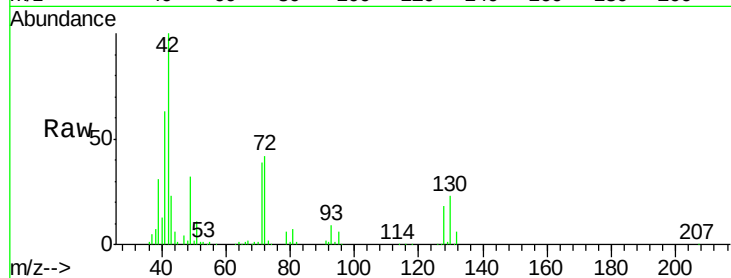
#29
Tetrahydrofuran
Concen: 223.203 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.1	48.1
71	38.3	31.2	46.8

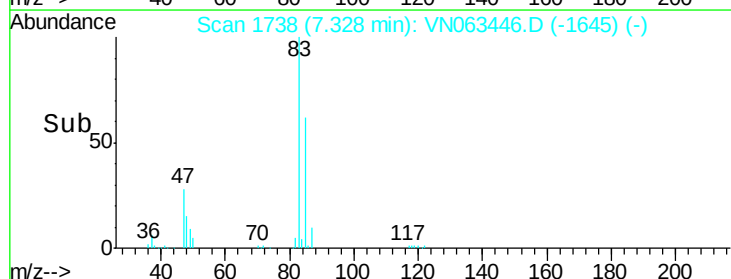
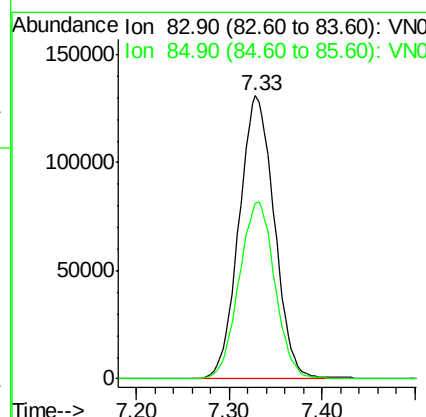
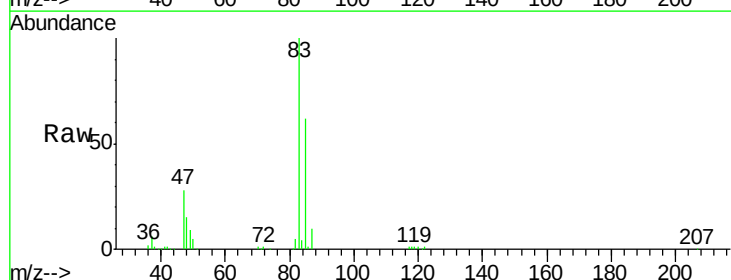
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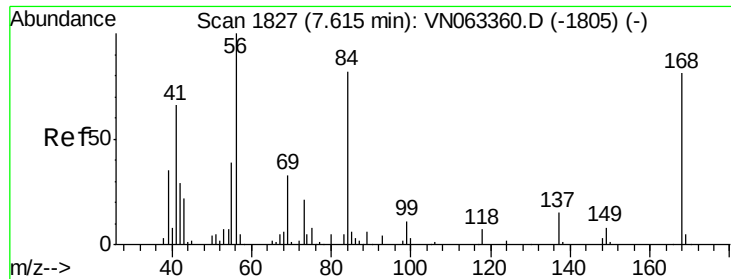
MMDadoda
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#30
Chloroform
Concen: 47.676 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.1	78.1





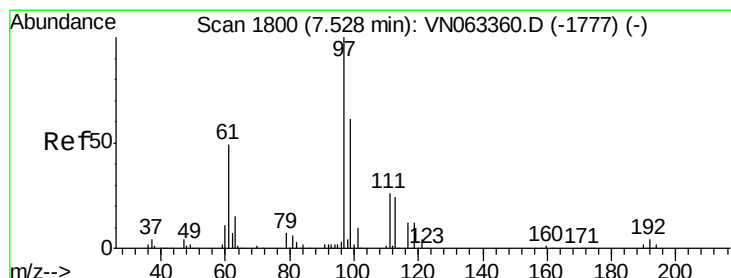
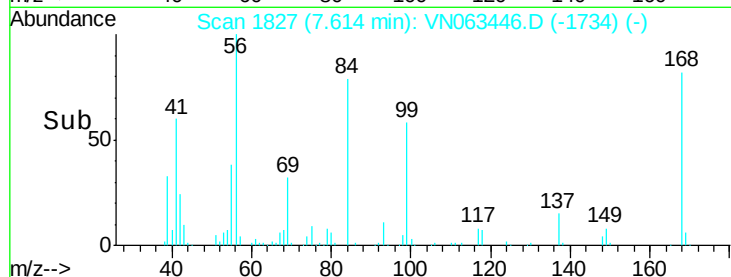
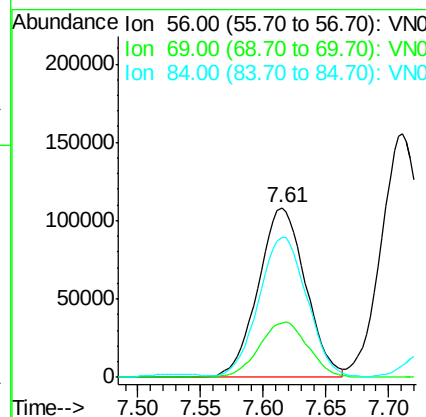
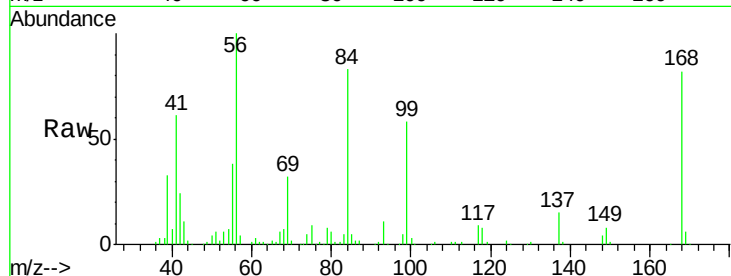
#31
Cyclohexane
Concen: 41.595 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.1	39.1
84	80.9	65.4	98.2

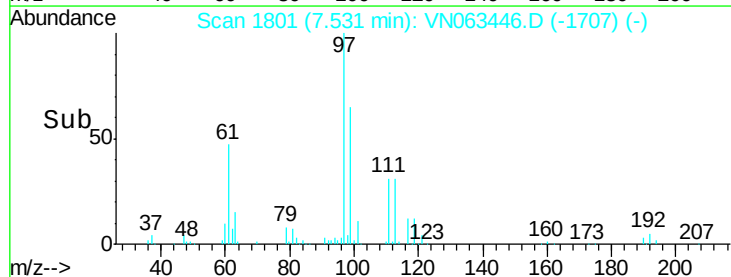
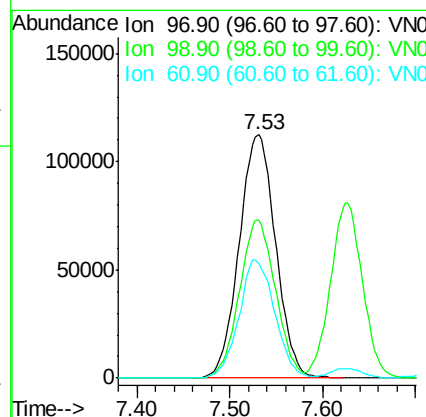
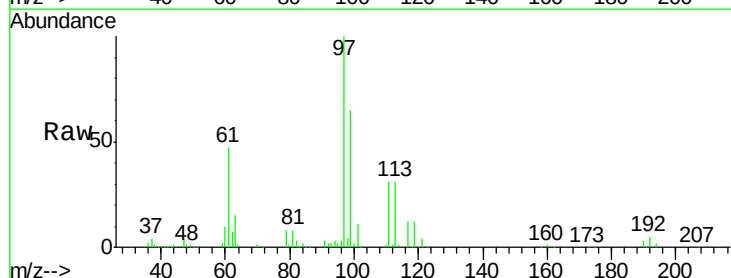
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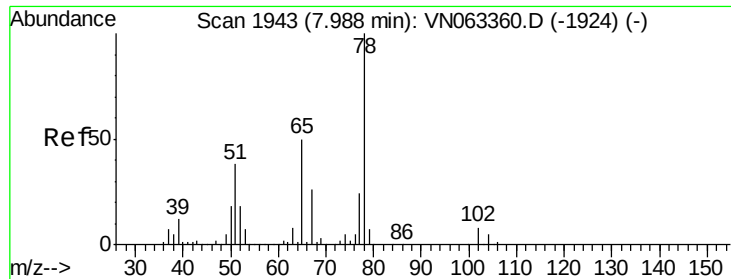
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.572 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	47.6	39.2	58.8





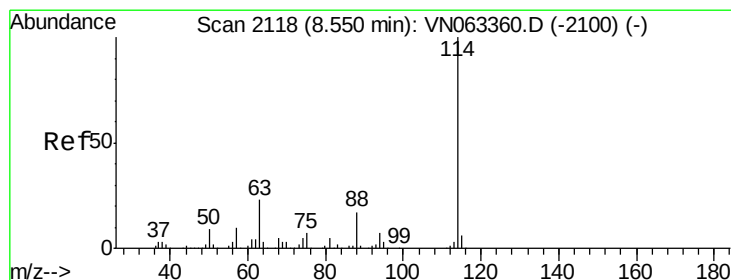
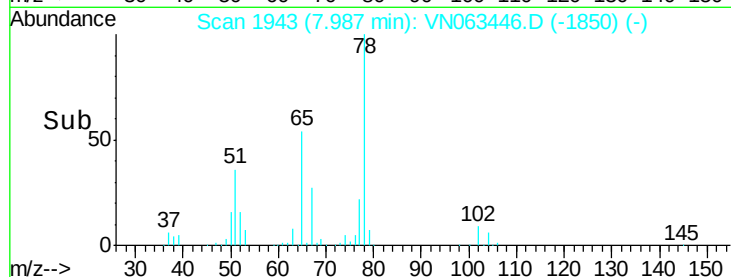
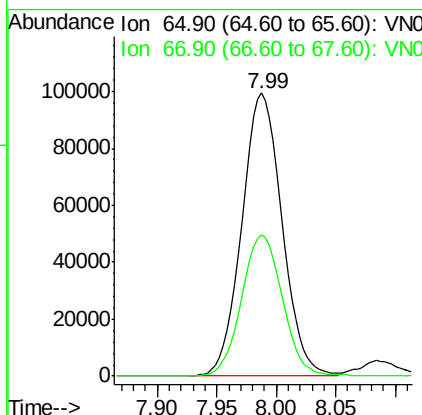
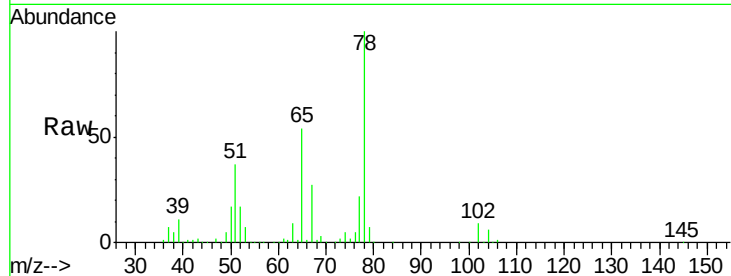
#33
 1,2-Dichloroethane-d4
 Concen: 47.112 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233298		
67	50.6	0.0	104.2	

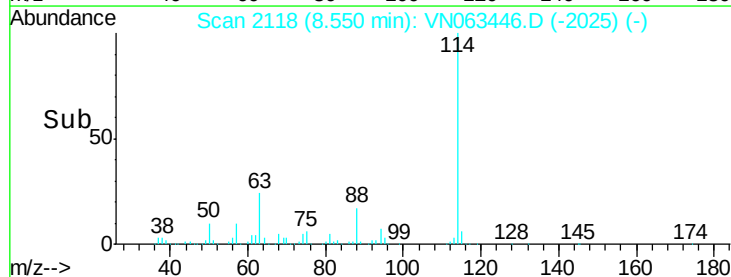
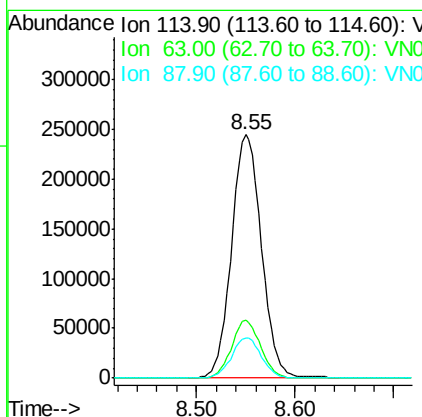
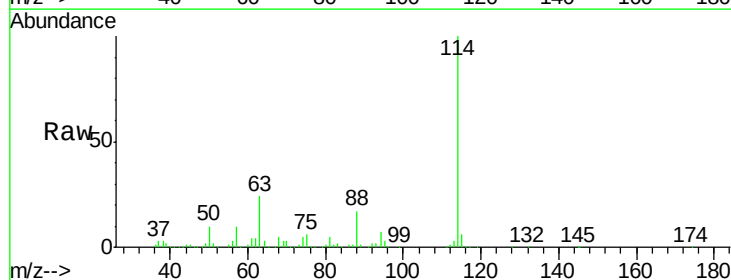
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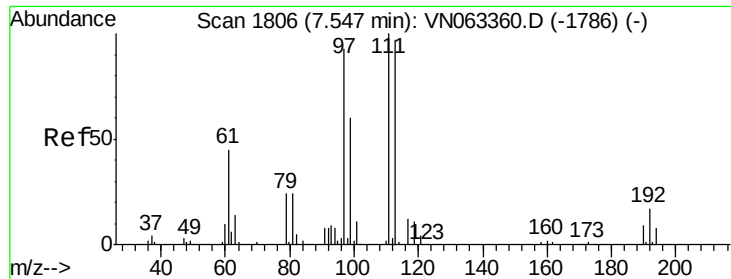
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	516277		
63	23.7	0.0	46.4	
88	16.6	0.0	33.2	





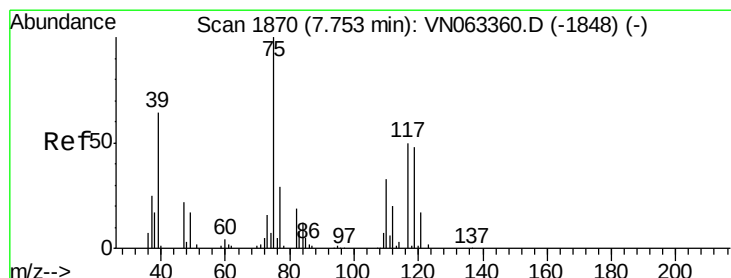
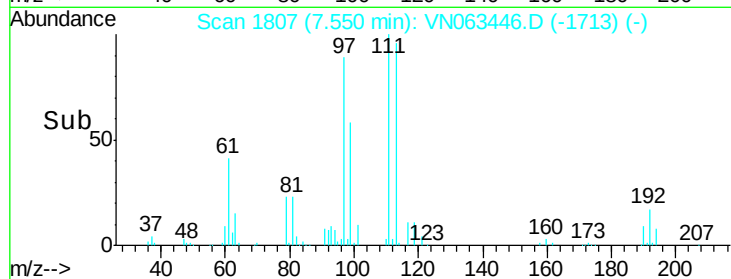
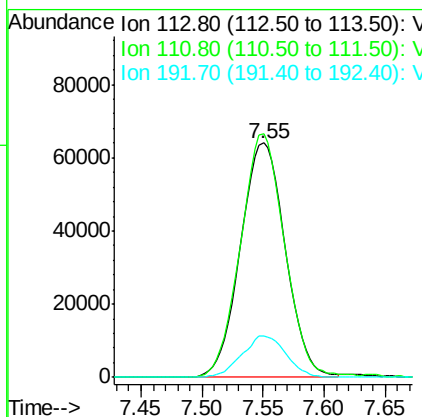
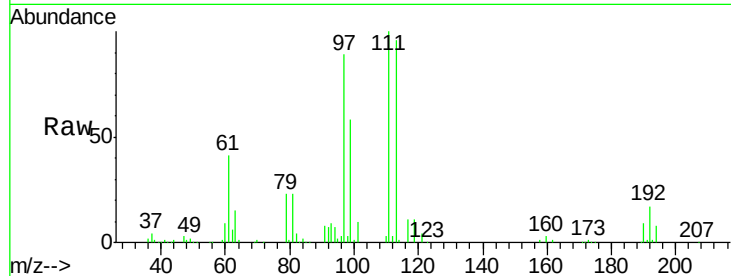
#35
 Dibromofluoromethane
 Concen: 45.738 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163473		
111	102.2	82.9	124.3	
192	17.4	13.9	20.9	

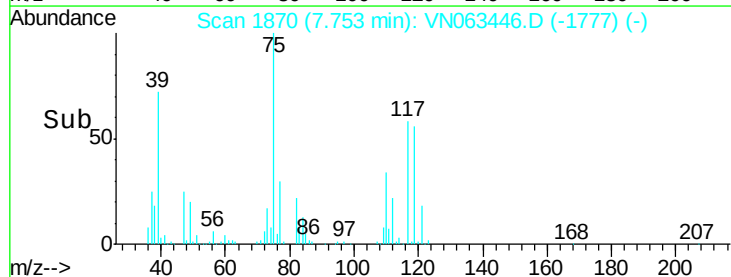
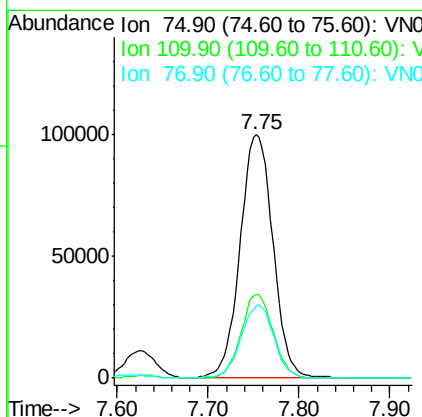
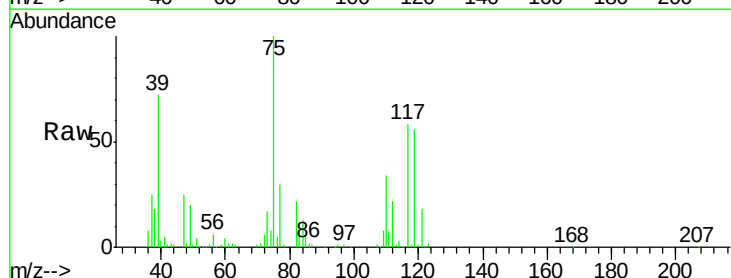
Manual Integrations
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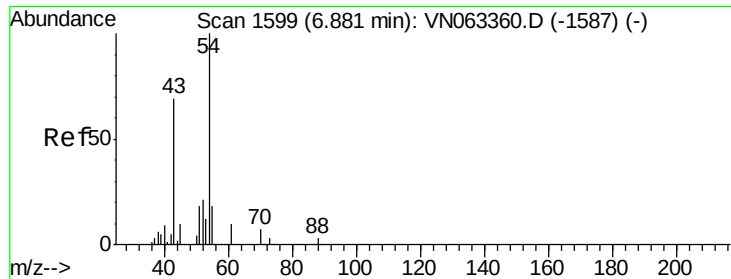
MMDadoda
 9/18/2020 10:03:28 AM



#36
 1,1-Dichloropropene
 Concen: 45.268 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	248982		
110	33.8	16.5	49.5	
77	30.5	24.6	36.8	





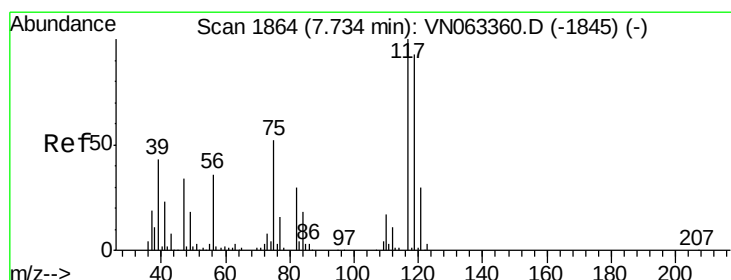
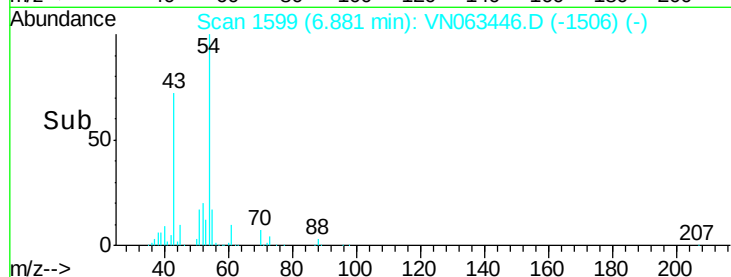
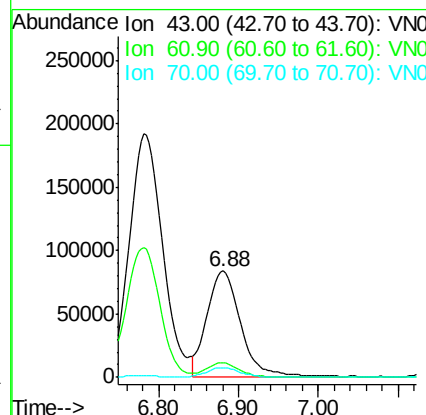
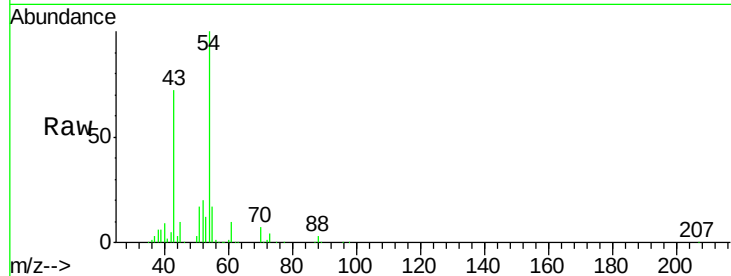
#37
Ethyl Acetate
Concen: 45.040 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.5	7.2	10.8

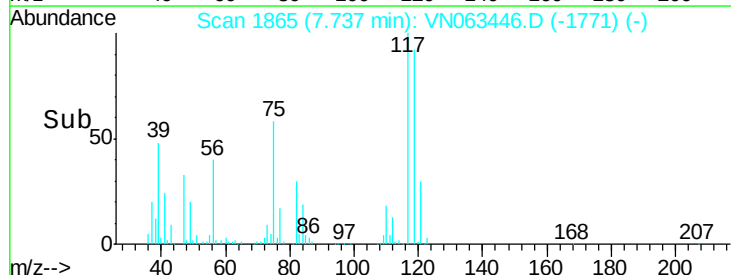
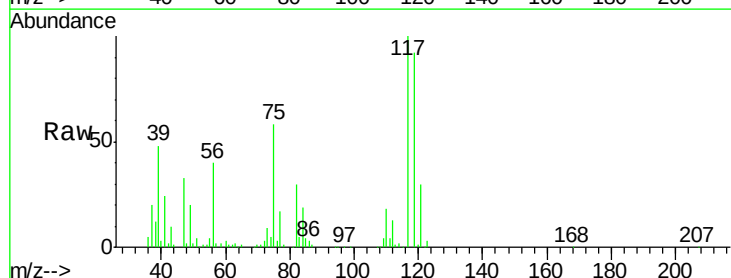
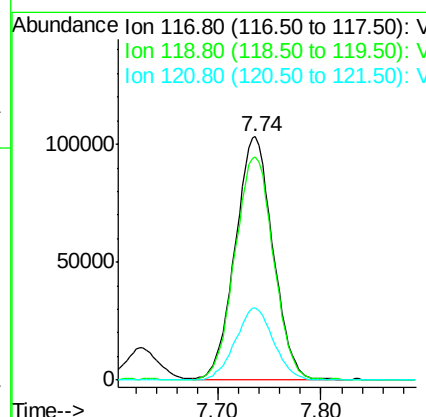
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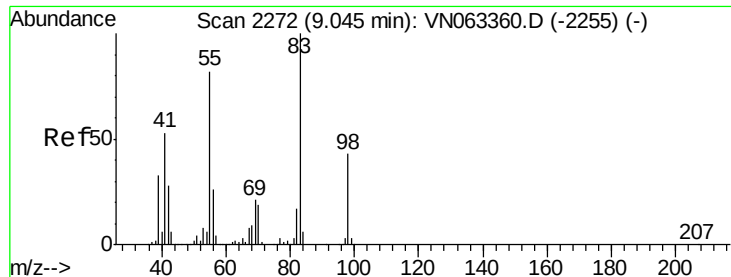
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#38
Carbon Tetrachloride
Concen: 46.651 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	74.5	111.7
121	29.6	24.1	36.1





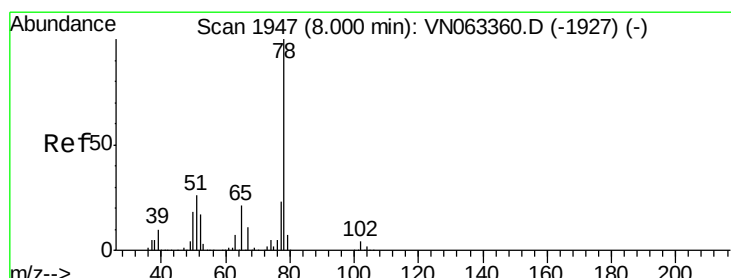
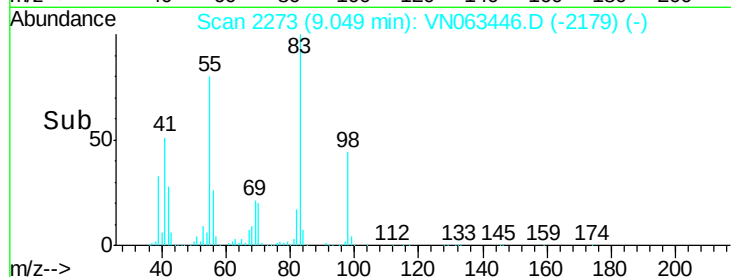
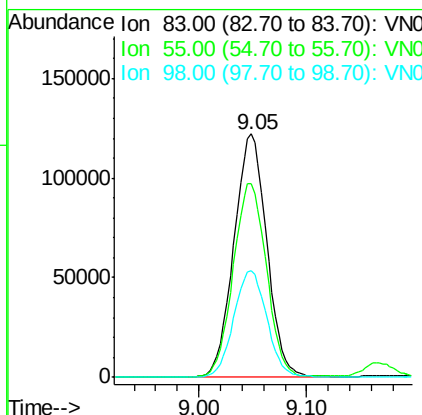
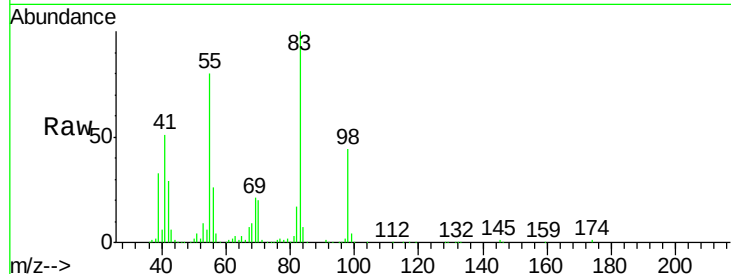
#39
Methylvlcyclohexane
Concen: 43.147 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257566		
55	79.5		65.5	98.3
98	44.0		34.2	51.4

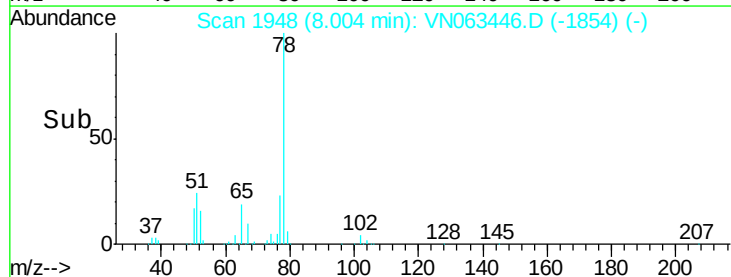
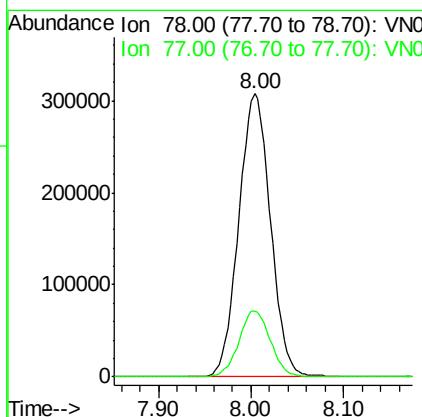
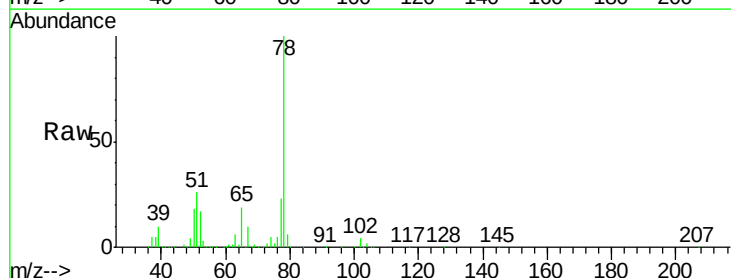
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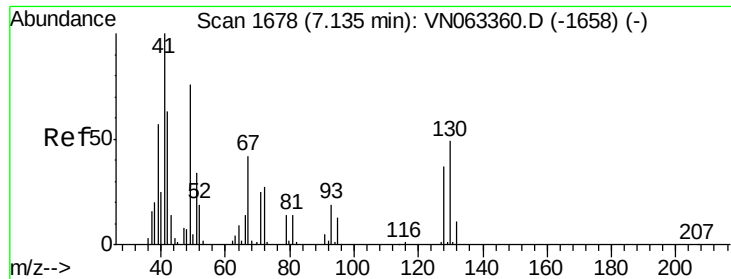
MMDadoda
9/18/2020 10:03:28 AM



#40
Benzene
Concen: 46.513 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	730306		
77	23.2		18.3	27.5





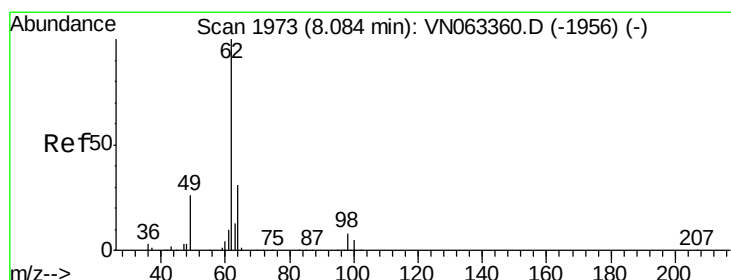
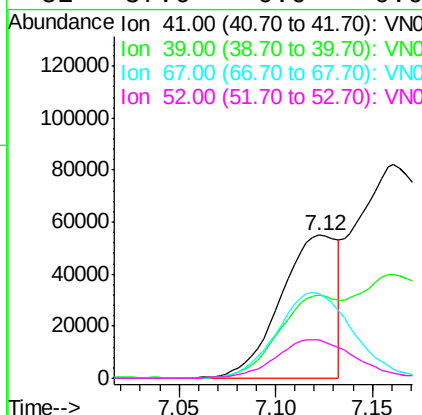
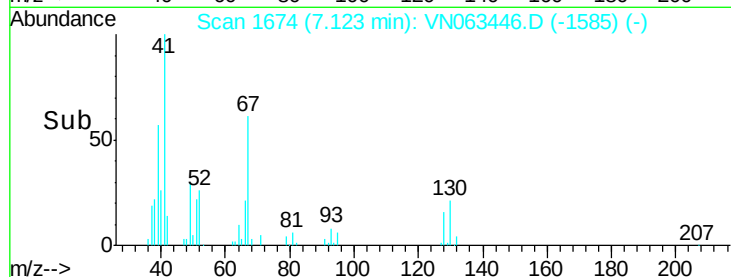
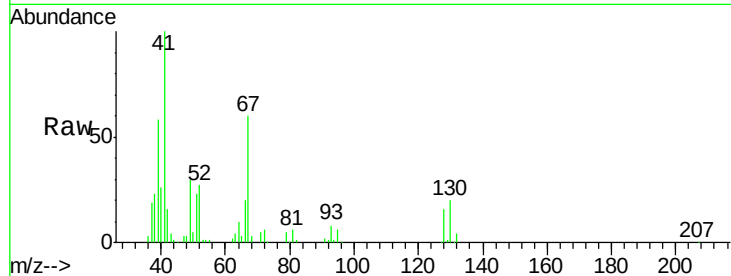
#41
Methacrylonitrile
Concen: 46.067 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	59.3	0.0	0.0#		
67	81.6	0.0	0.0#		
52	37.6	0.0	0.0#		

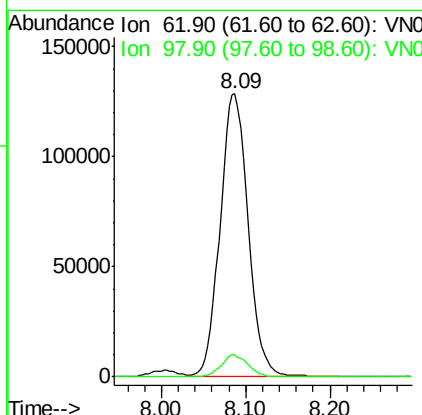
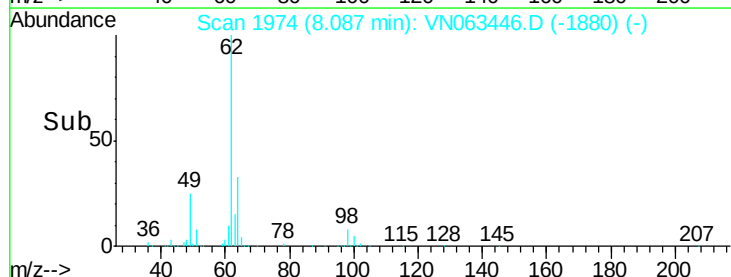
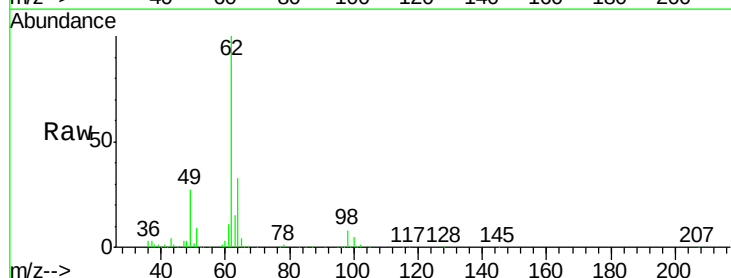
Manual Integrations
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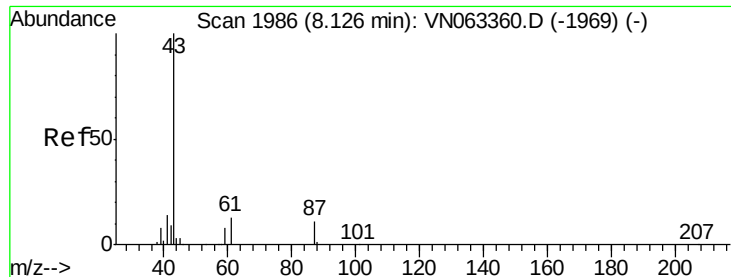
MMDadoda
9/18/2020 10:03:28 AM



#42
1,2-Dichloroethane
Concen: 47.047 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	7.4	0.0	15.6		





#43

Isopropyl Acetate

Concen: 44.630 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

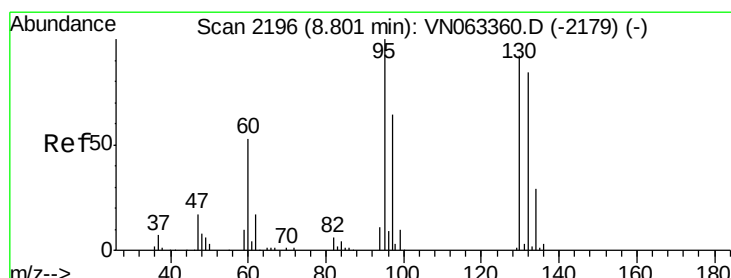
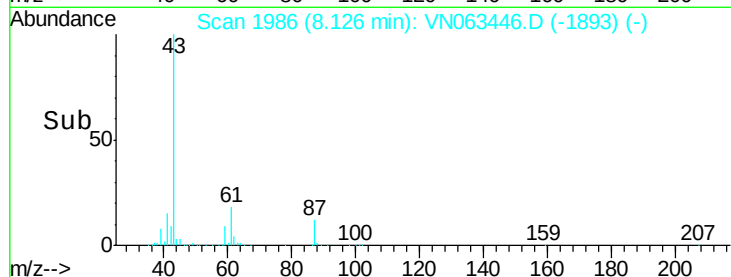
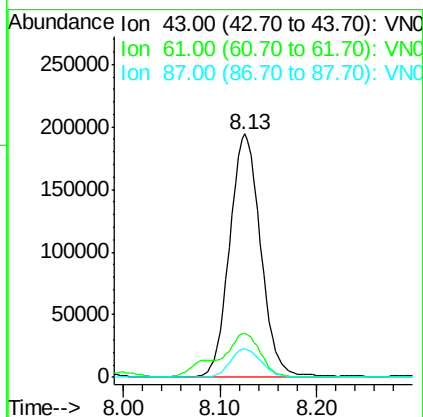
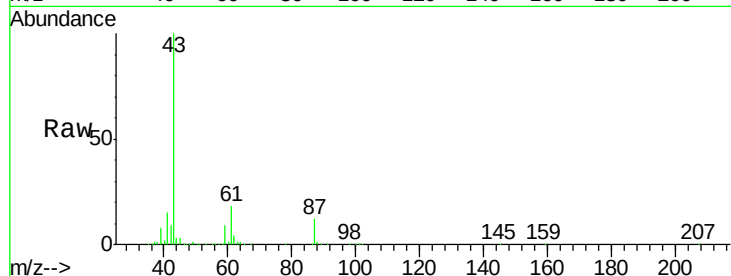
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	430791
Ion	Ratio	Lower	Upper
43	100		
61	24.4	14.2	21.2#
87	11.8	9.0	13.6

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#44

Trichloroethene

Concen: 47.761 ug/l

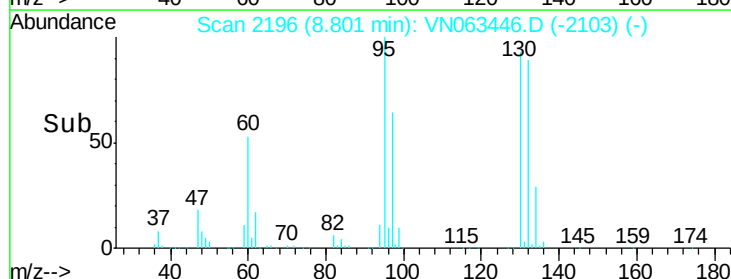
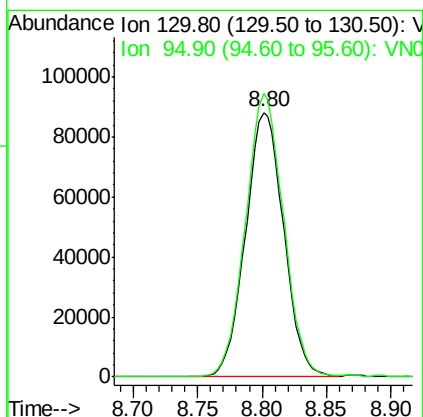
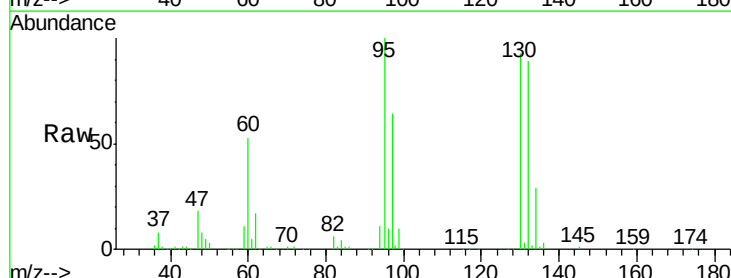
RT: 8.80 min Scan# 2196

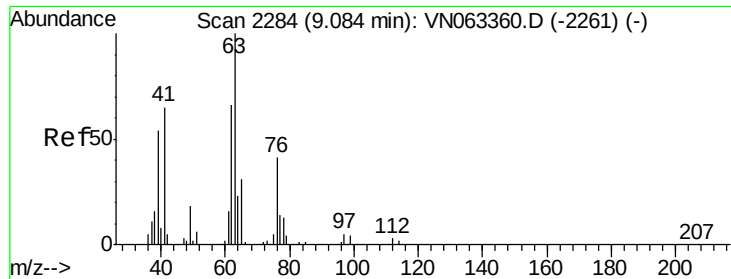
Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	130	Resp:	181885
Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	217.4





#45

1,2-Dichloropropane

Concen: 45.814 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 195915

Ion Ratio Lower Upper

63 100

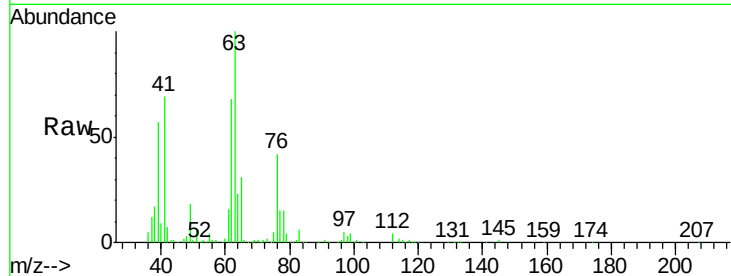
65 30.7 25.0 37.6

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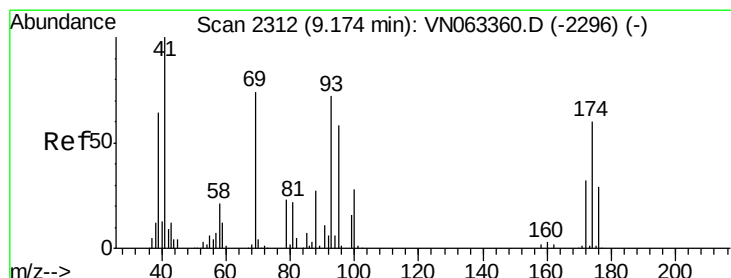
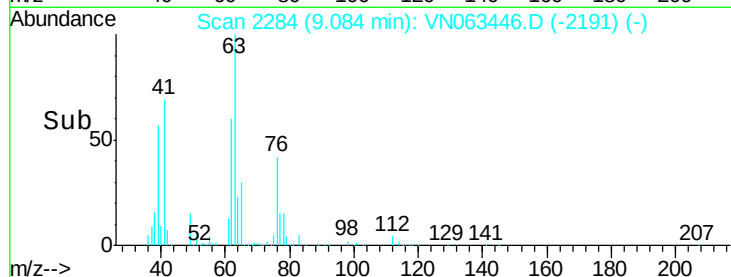
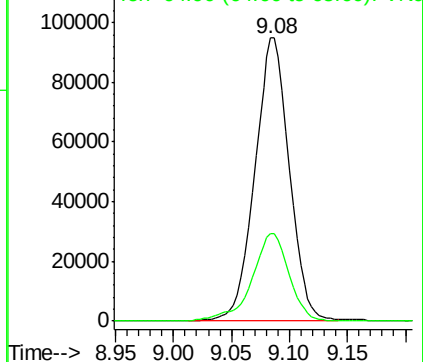
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 46.478 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

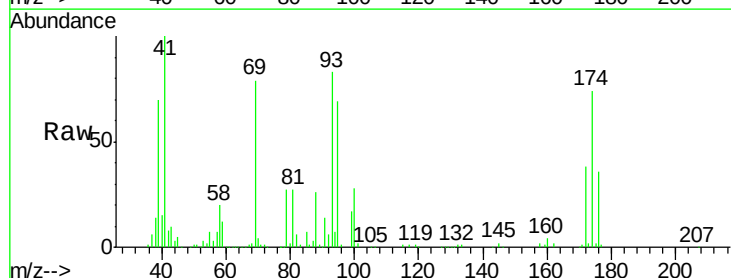
Tgt Ion: 93 Resp: 130633

Ion Ratio Lower Upper

93 100

95 81.5 65.6 98.4

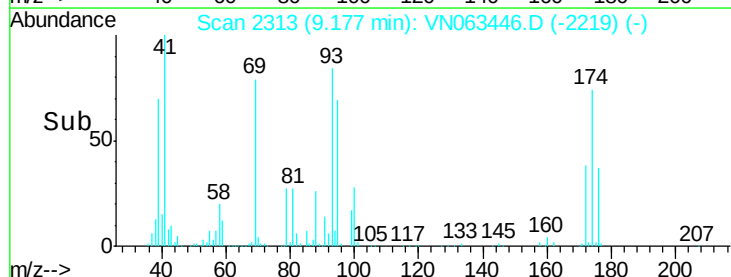
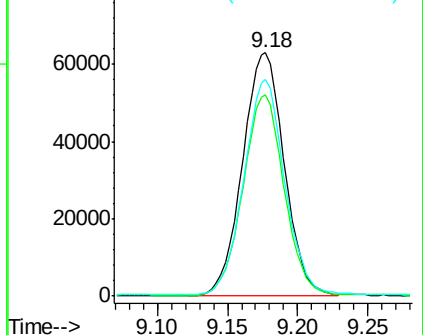
174 86.6 68.1 102.1

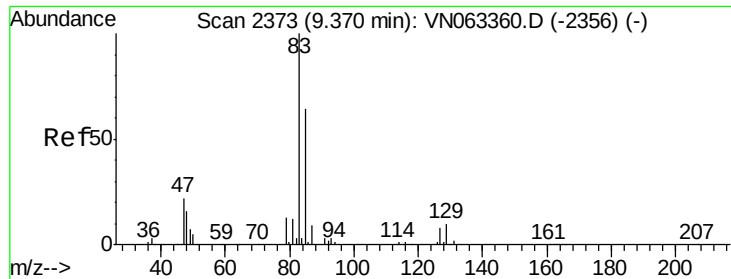


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.872 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

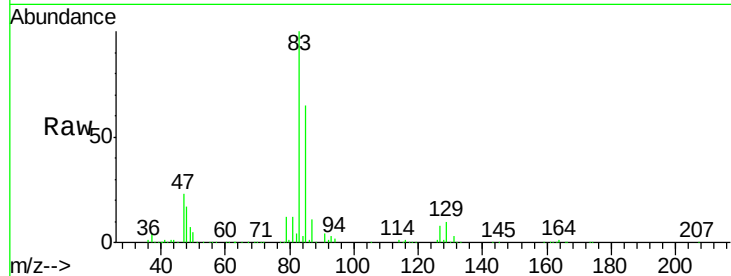
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	273683
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6
127	8.4	6.3	9.5

Manual Integrations
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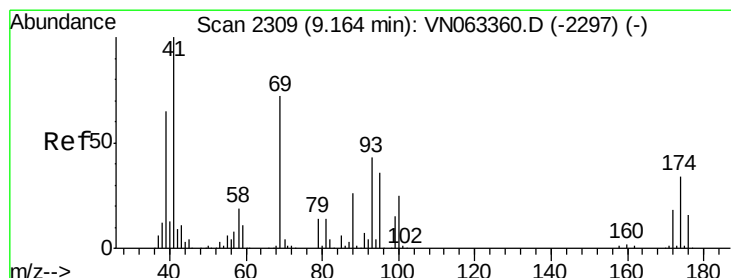
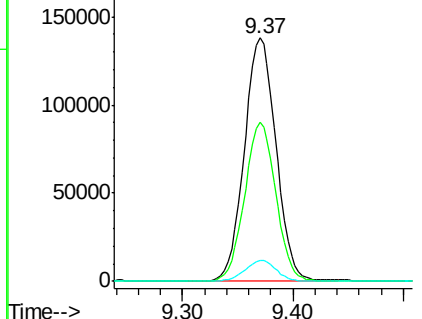
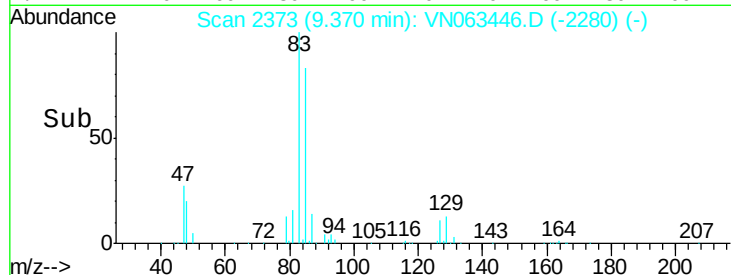


Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 44.484 ug/l

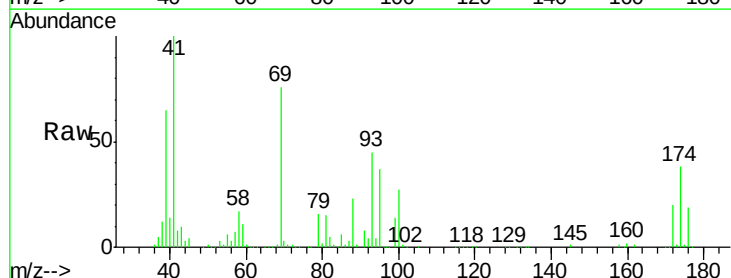
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	41	Resp:	210960
Ion	Ratio	Lower	Upper
41	100		
69	77.9	59.3	88.9
39	68.8	52.9	79.3

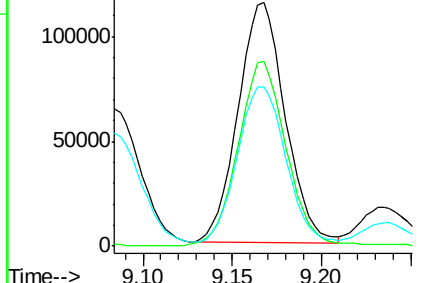
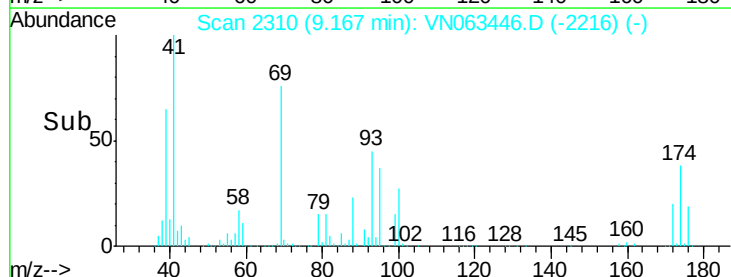


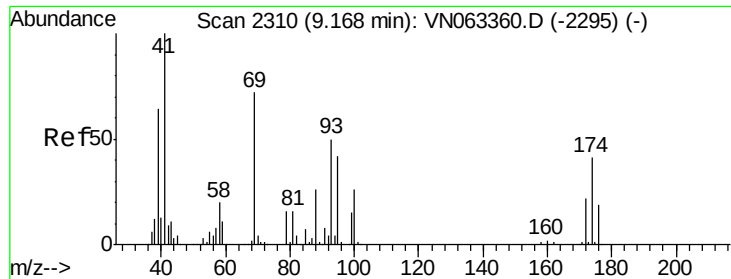
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

Time-->





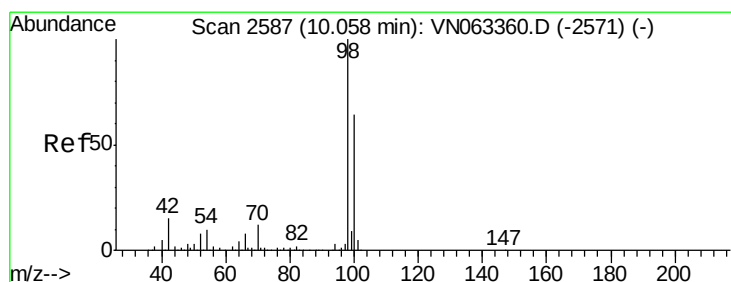
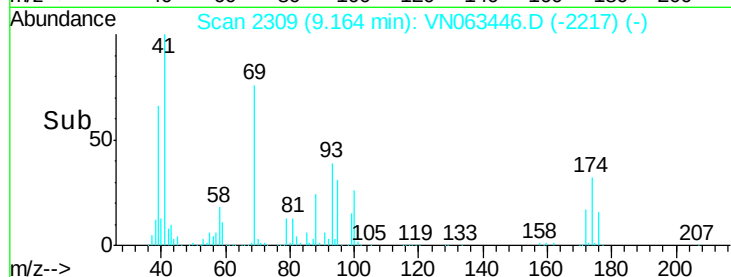
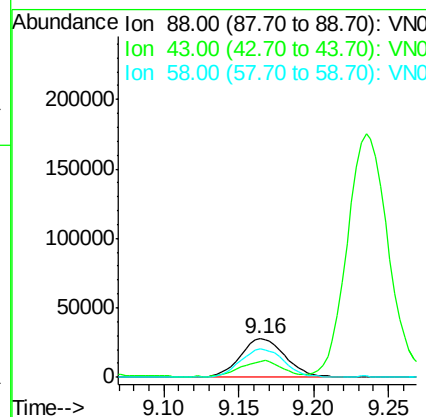
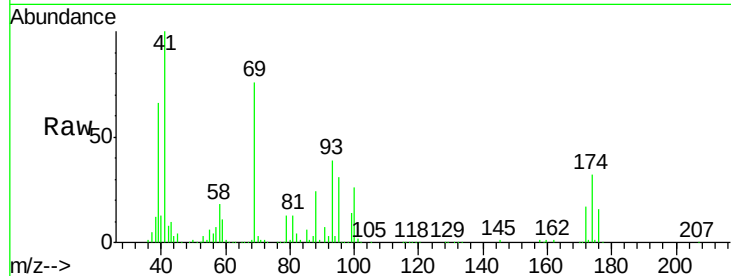
#49
1,4-Dioxane
Concen: 858.060 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	37.3		32.6	49.0
58	71.9		60.0	90.0

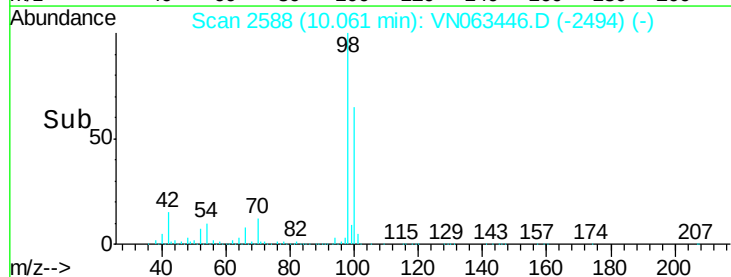
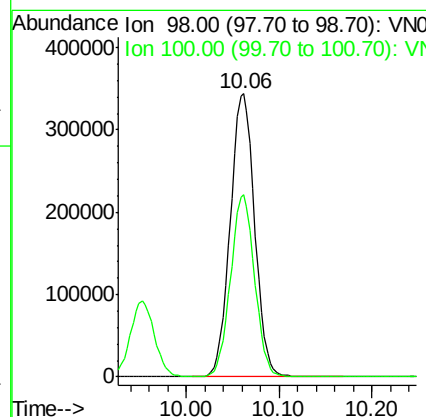
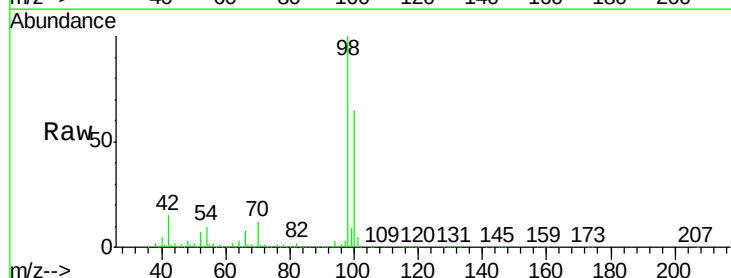
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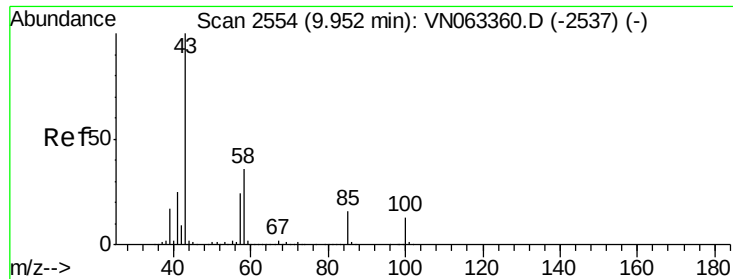
MMDadoda
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#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	62.9		50.7	76.1





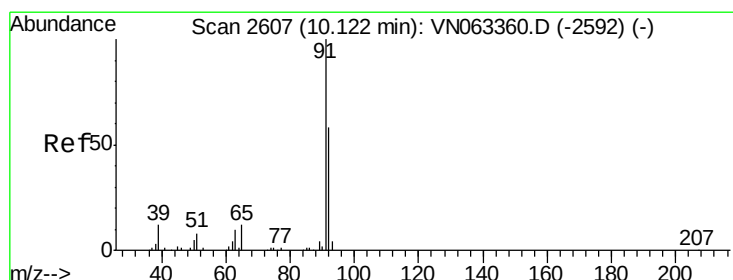
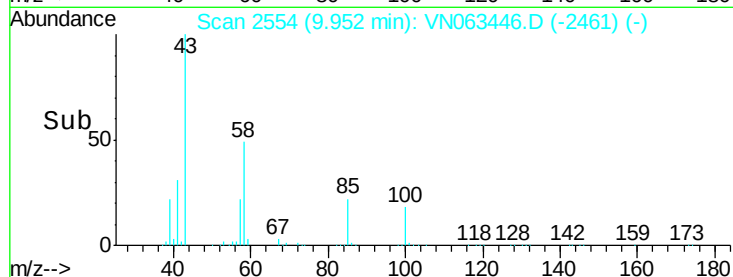
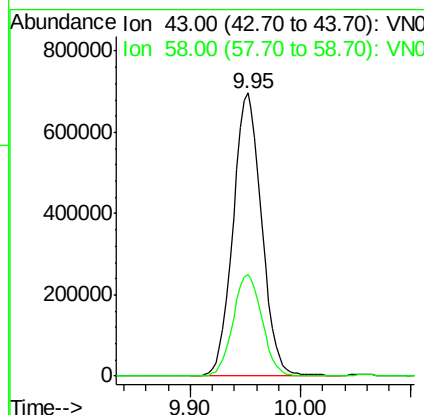
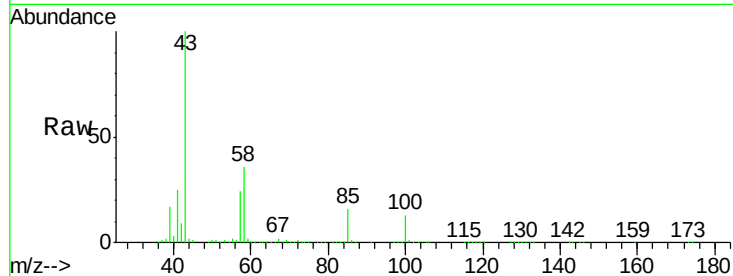
#51
4-Methyl-2-Pentanone
Concen: 231.186 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1249293
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6

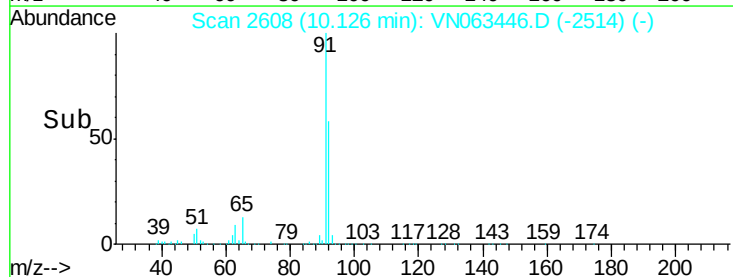
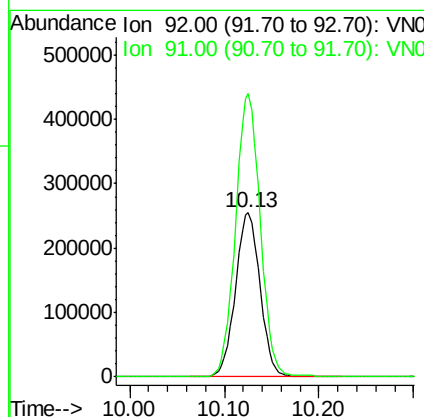
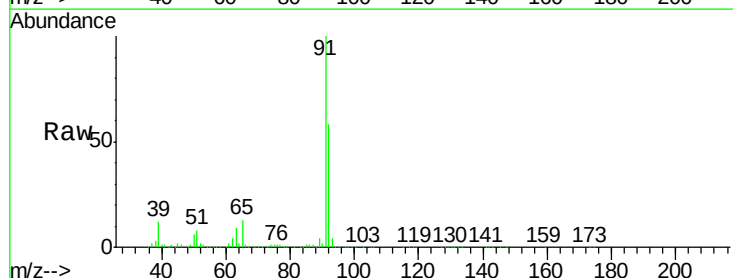
Manual Integrations
APPROVED

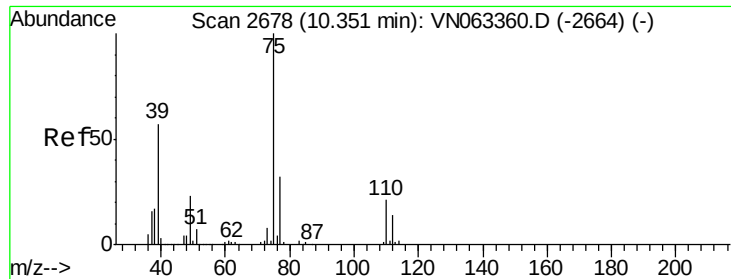
MMDadoda
9/18/2020 10:03:28 AM



#52
Toluene
Concen: 48.612 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 92 Resp: 458897
Ion Ratio Lower Upper
92 100
91 173.5 139.7 209.5





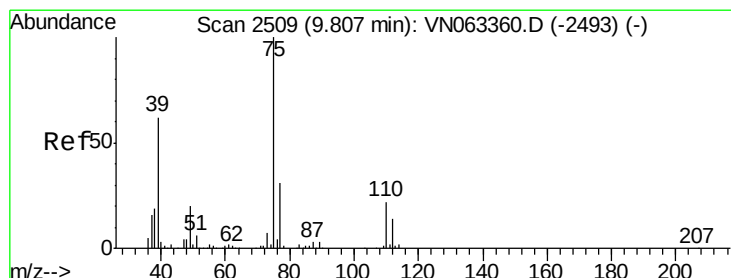
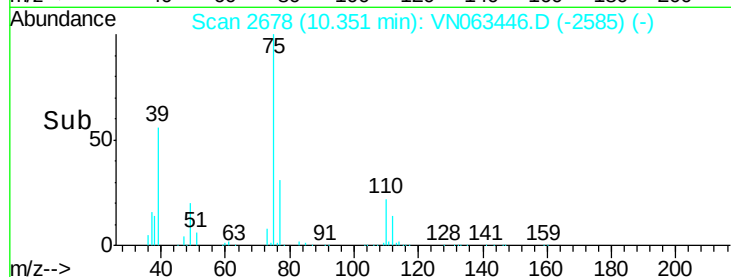
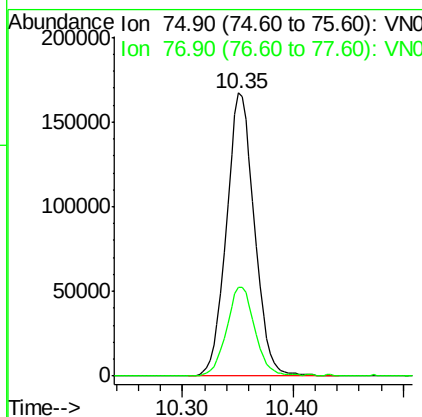
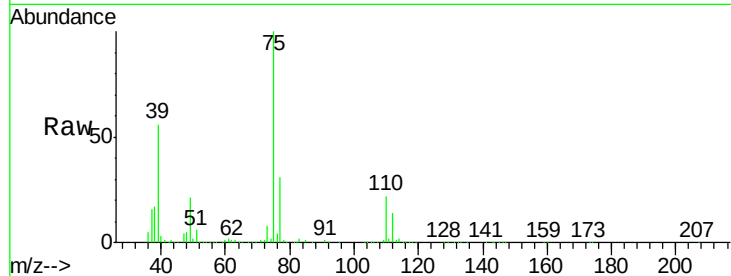
#53
 t-1,3-Dichloropropene
 Concen: 45.082 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 293869
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2

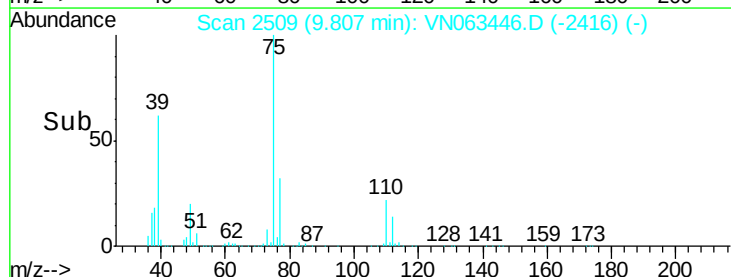
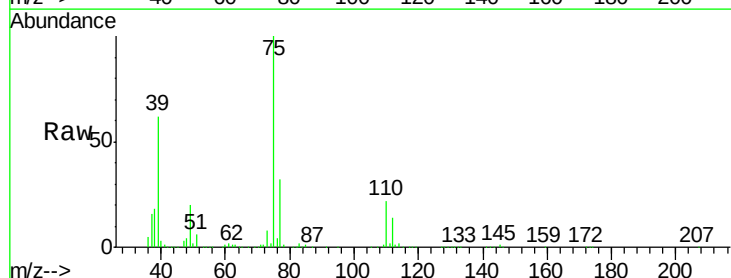
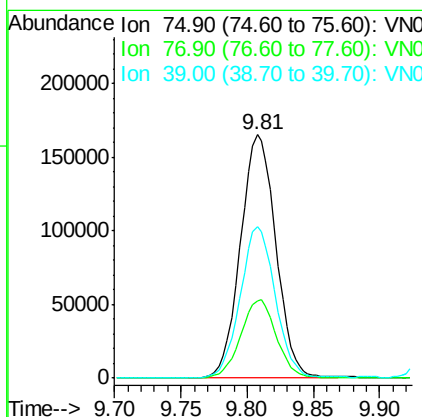
Manual Integrations
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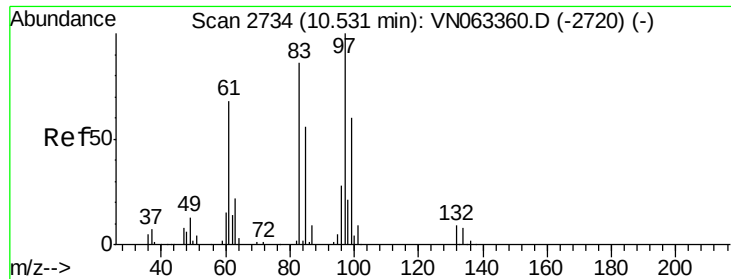
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 9/18/2020 10:03:28 AM



#54
 cis-1,3-Dichloropropene
 Concen: 44.723 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 75 Resp: 307504
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 61.9 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 48.195 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

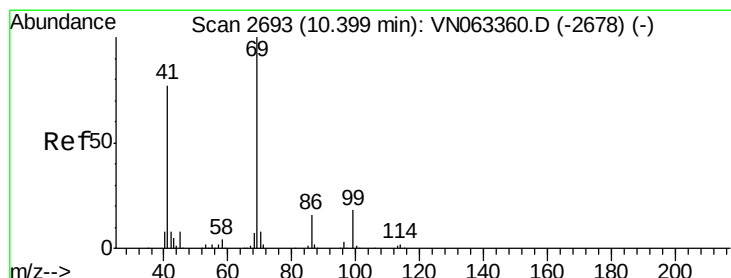
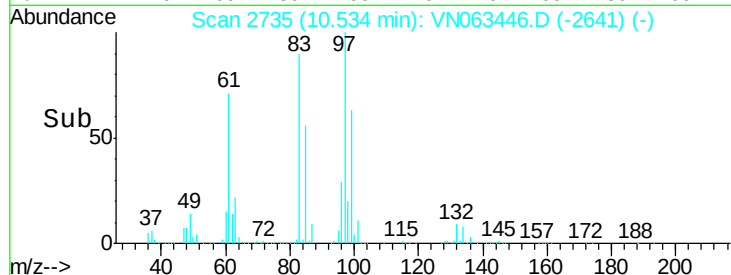
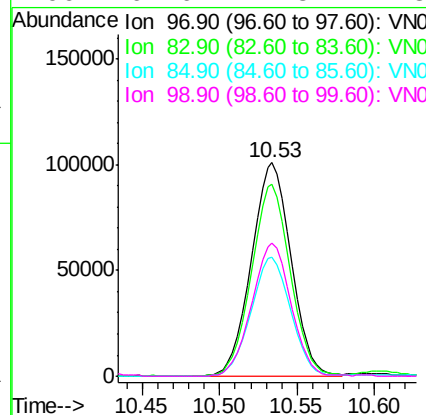
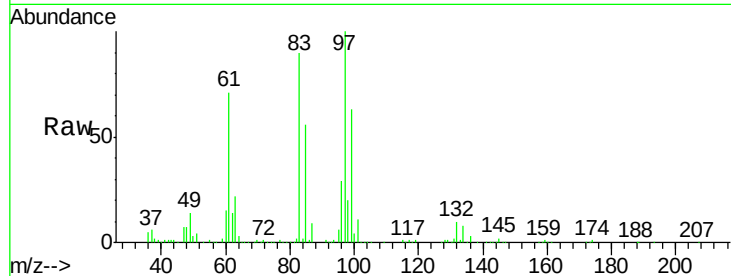
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	180714
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	55.5	44.8	67.2
99	62.6	47.8	71.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 47.930 ug/l

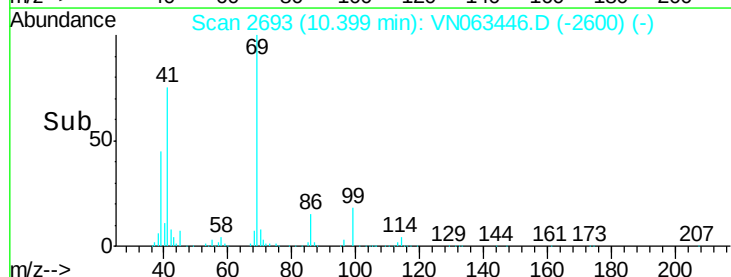
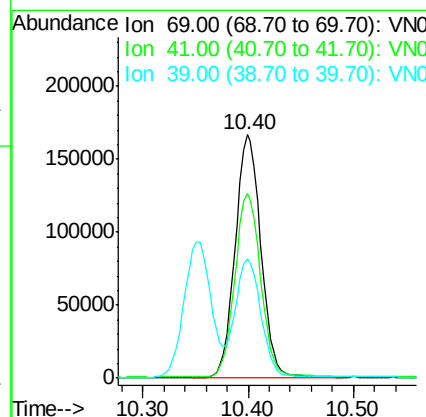
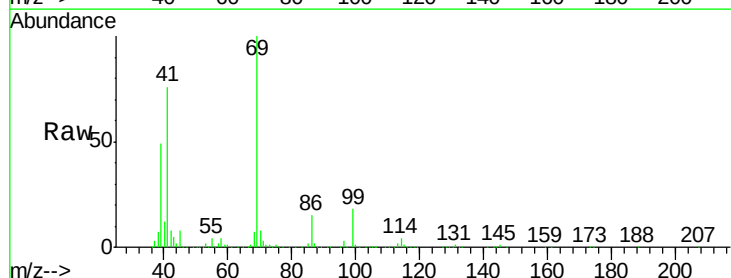
RT: 10.40 min Scan# 2693

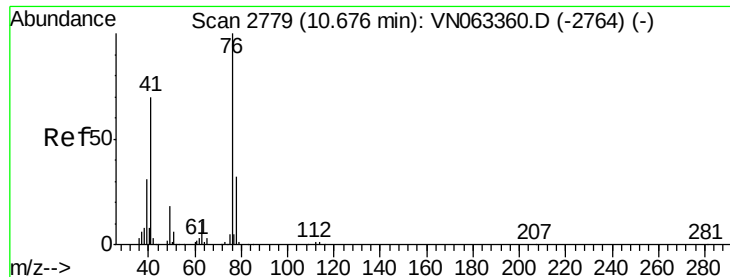
Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	69	Resp:	280564
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.0	91.6
39	49.4	39.2	58.8





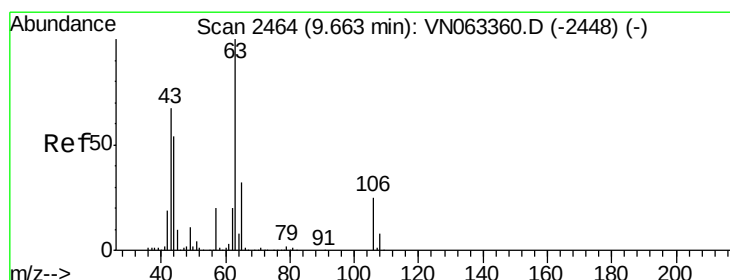
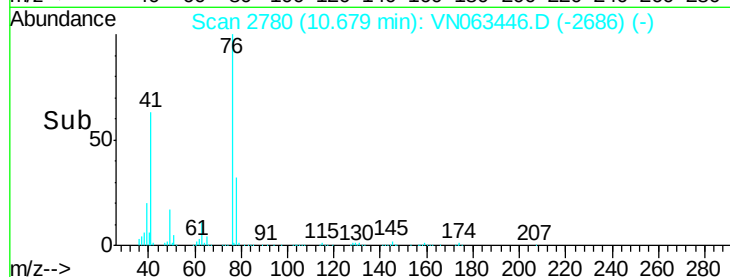
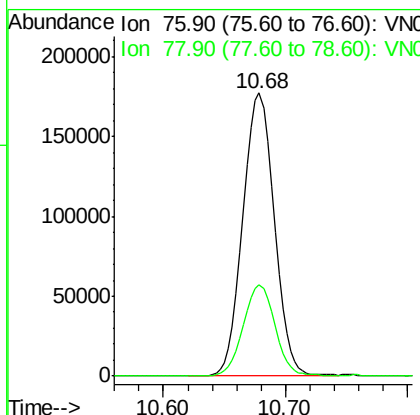
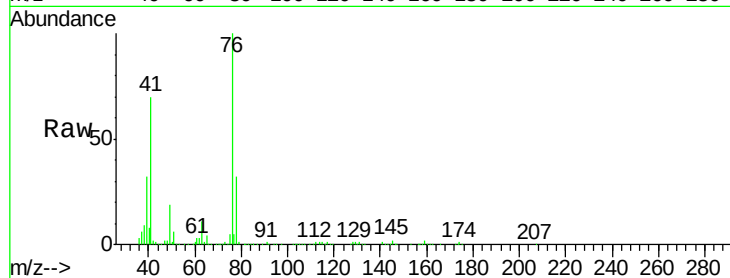
#57
 1,3-Dichloropropane
 Concen: 46.675 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 315607
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

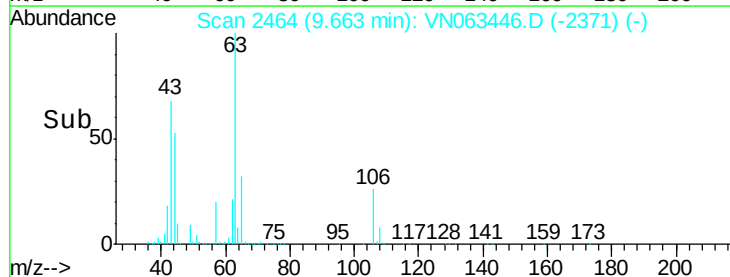
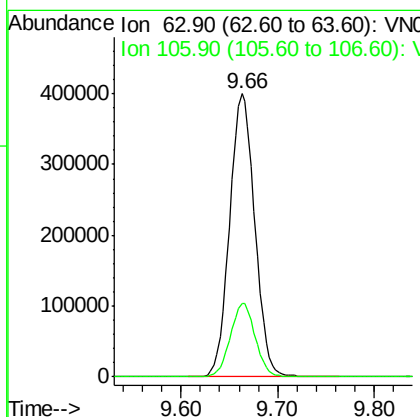
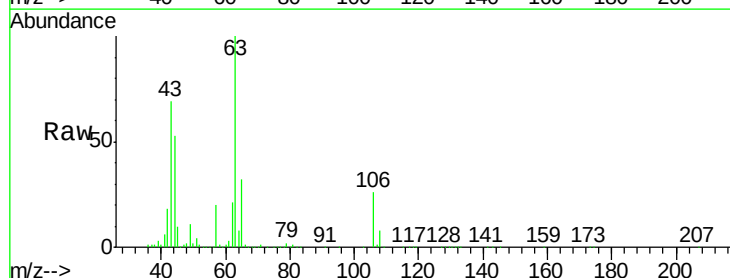
Manual Integrations
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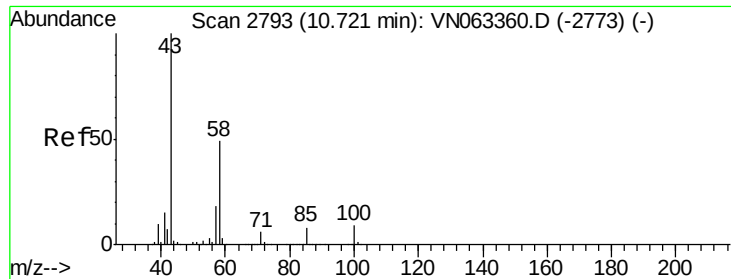
MMDadoda
 9/18/2020 10:03:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.012 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 63 Resp: 721647
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.5 29.3





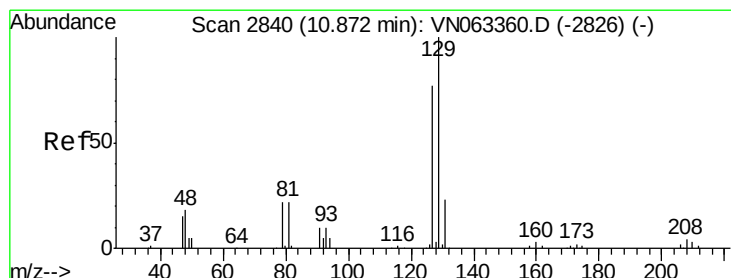
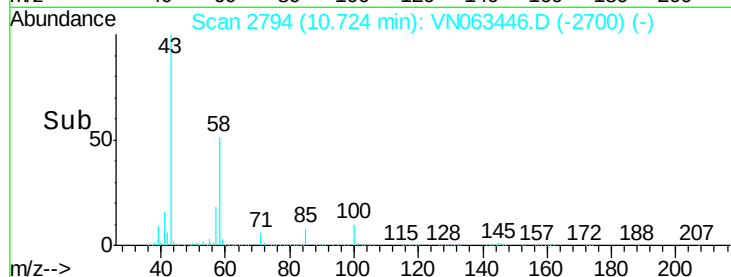
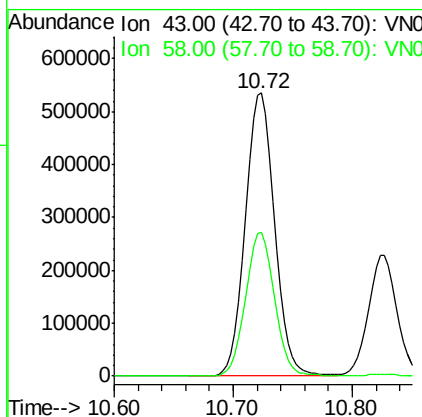
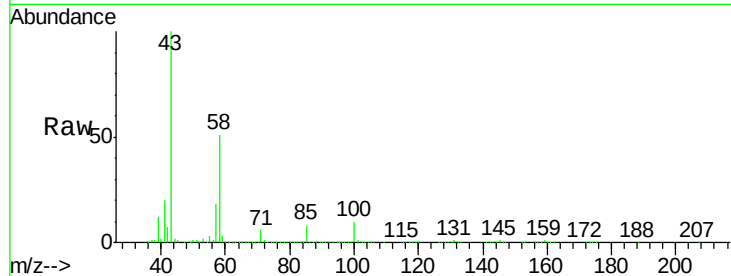
#59
2-Hexanone
Concen: 232.234 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 909179
Ion Ratio Lower Upper
43 100
58 50.7 24.7 74.1

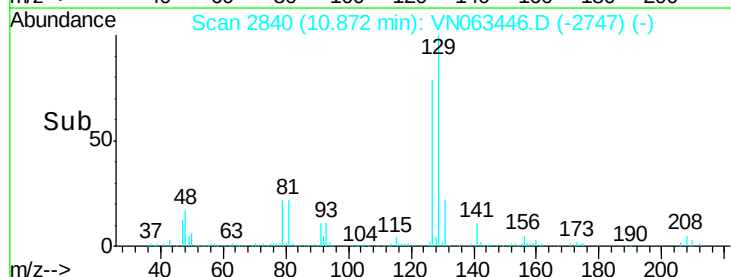
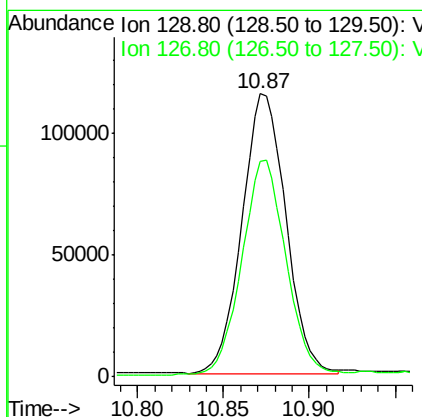
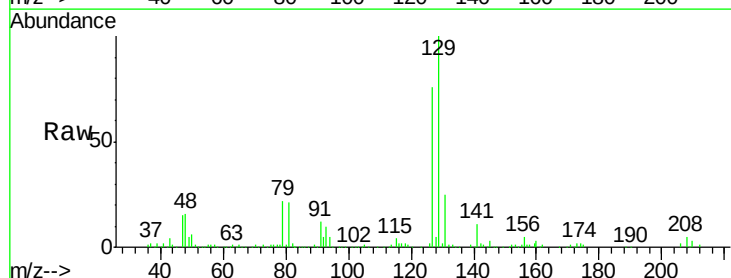
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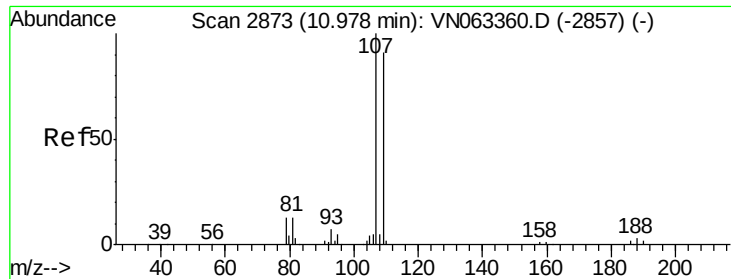
MMDadoda
9/18/2020 10:03:28 AM



#60
Dibromochloromethane
Concen: 47.813 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion: 129 Resp: 202538
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.904 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 190509

Ion Ratio Lower Upper

107 100

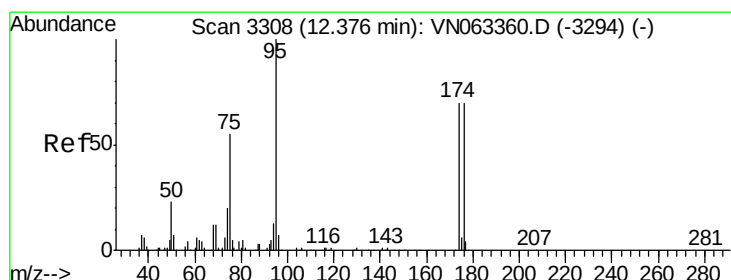
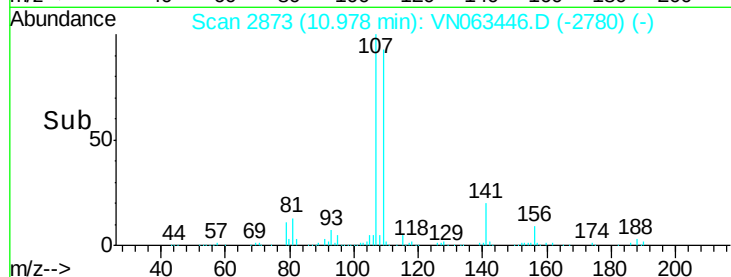
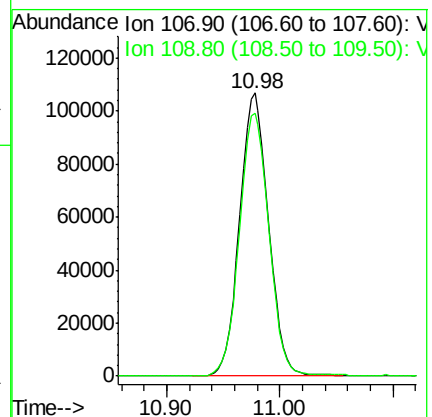
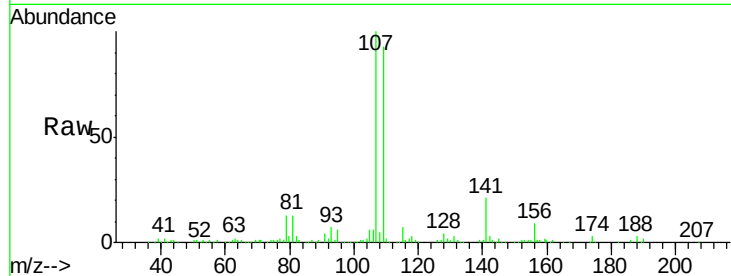
109 94.0 74.6 111.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.482 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

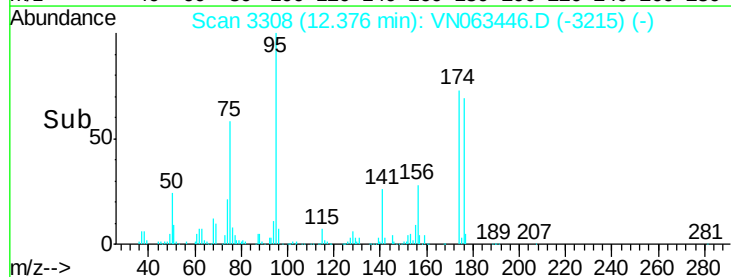
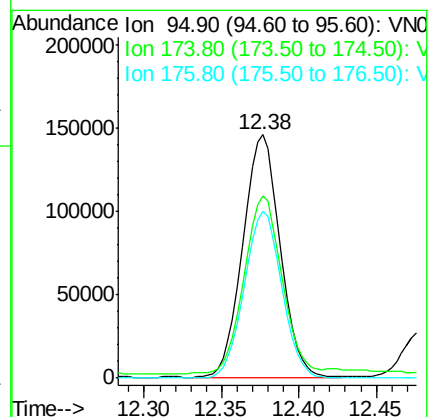
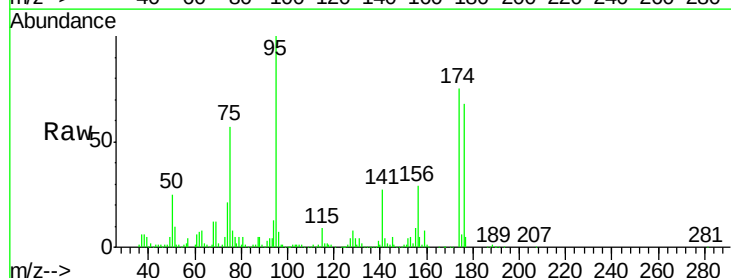
Tgt Ion: 95 Resp: 243778

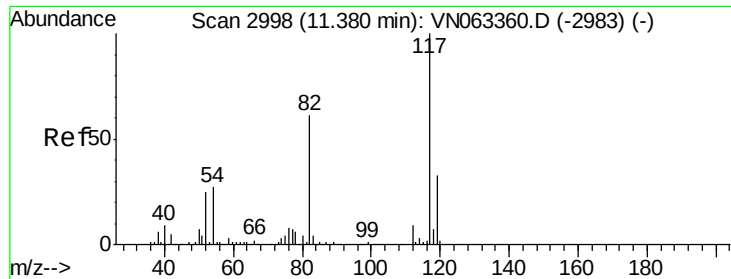
Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.8

176 69.4 0.0 137.6





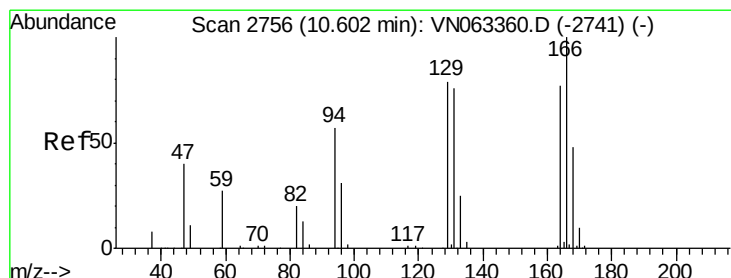
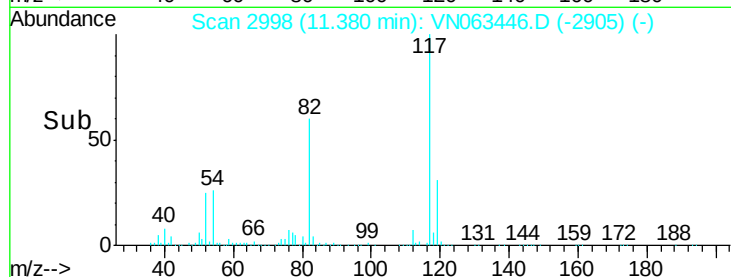
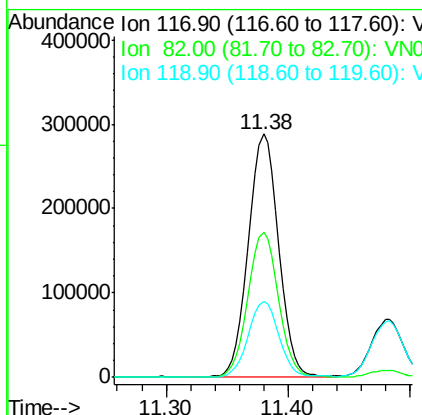
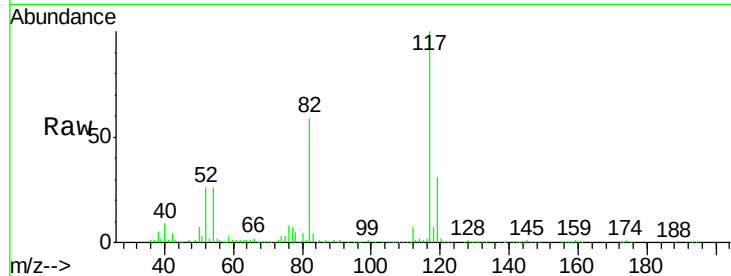
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	488130		
82	59.5		49.2	73.8
119	31.1		26.2	39.4

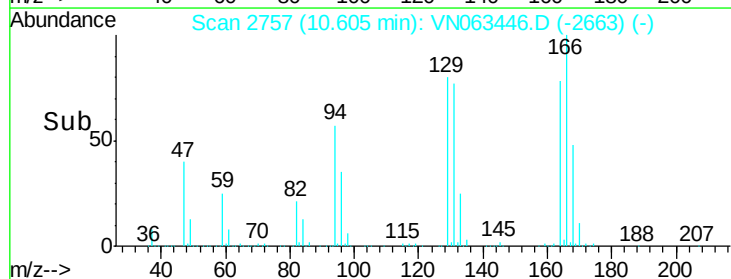
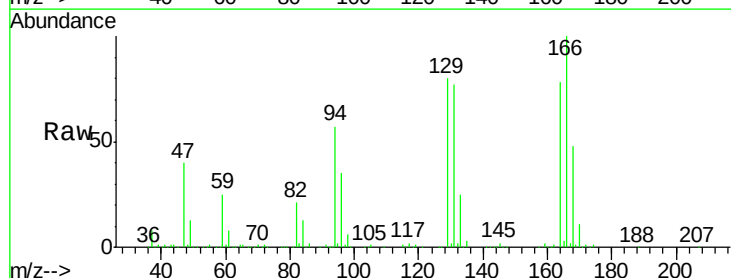
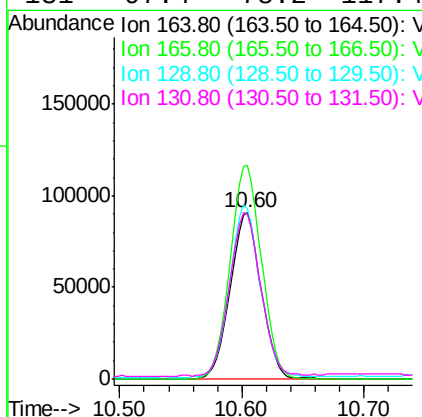
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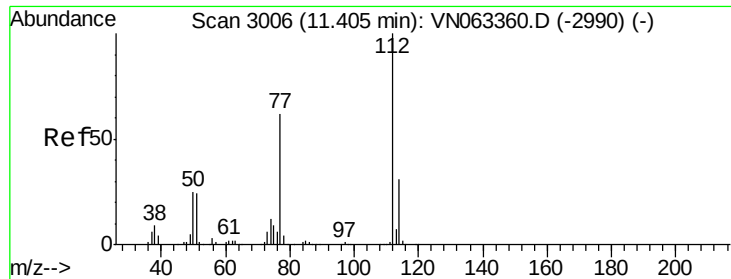
MMDadoda
9/18/2020 10:03:28 AM



#64
Tetrachloroethene
Concen: 47.940 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159343		
166	128.6		103.4	155.0
129	101.7		81.8	122.6
131	97.4		78.2	117.4





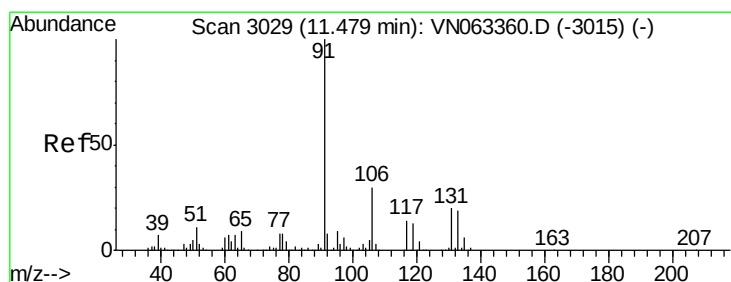
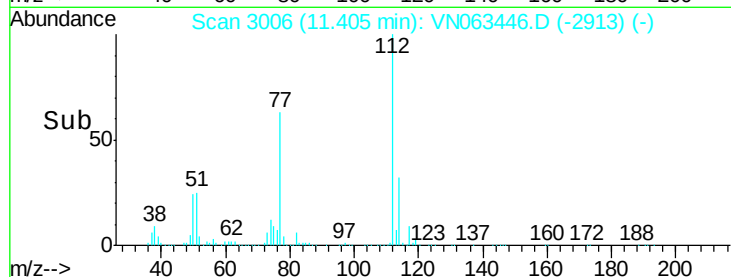
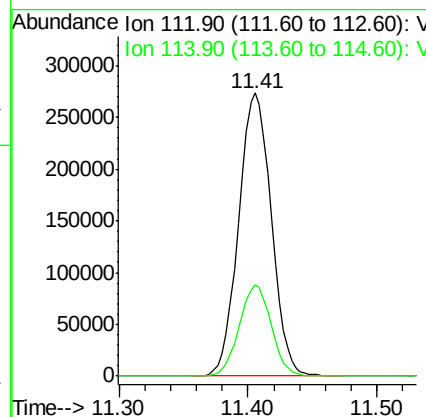
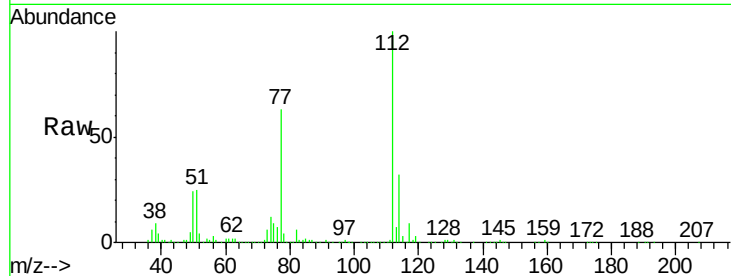
#65
Chlorobenzene
Concen: 46.556 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 482396
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

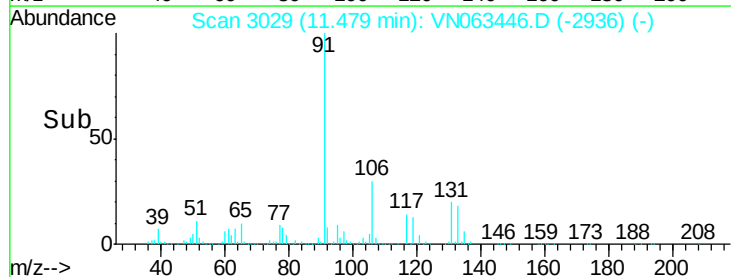
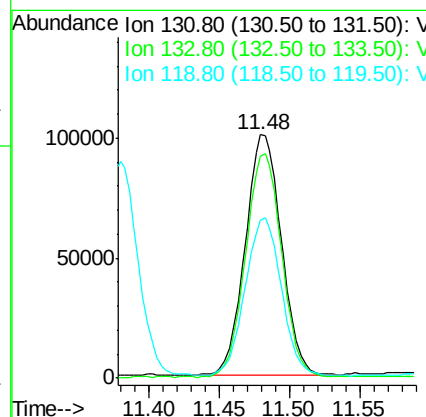
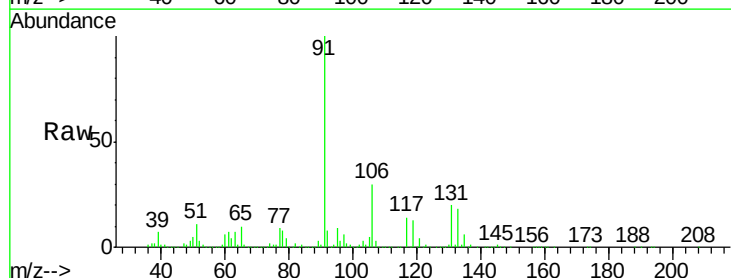
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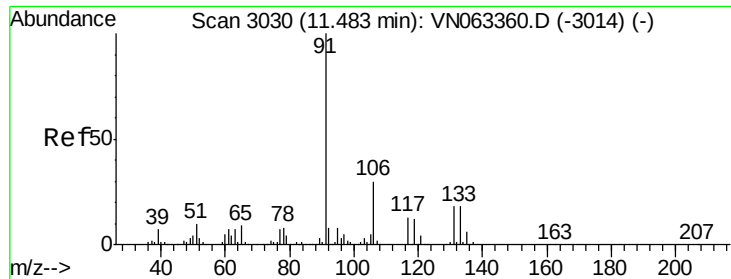
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.340 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion:131 Resp: 179806
Ion Ratio Lower Upper
131 100
133 92.9 47.3 141.9
119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 46.848 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 914134

Ion Ratio Lower Upper

91 100

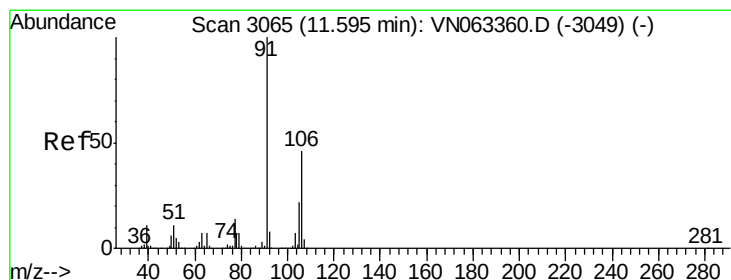
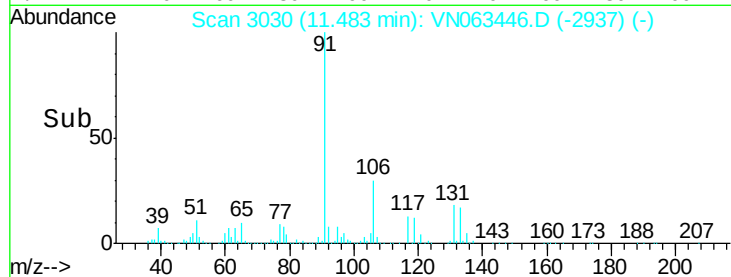
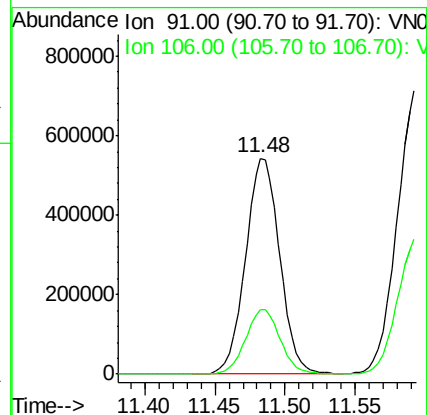
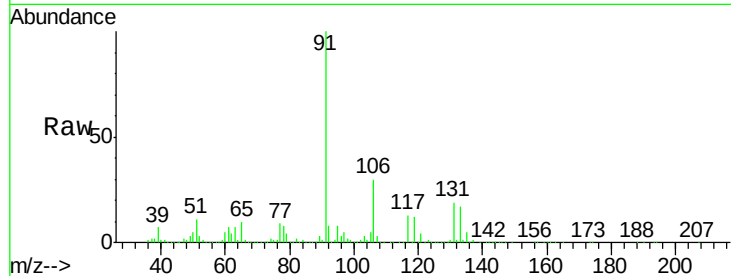
106 29.9 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.806 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063446.D

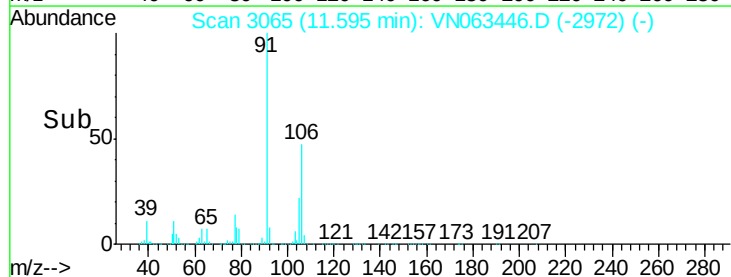
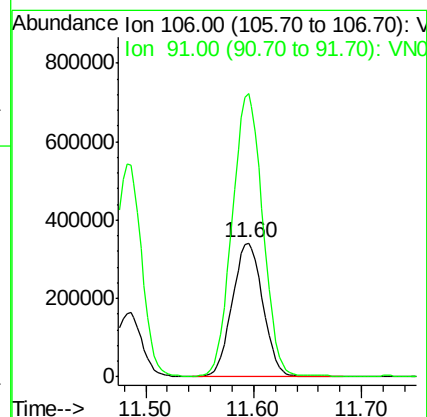
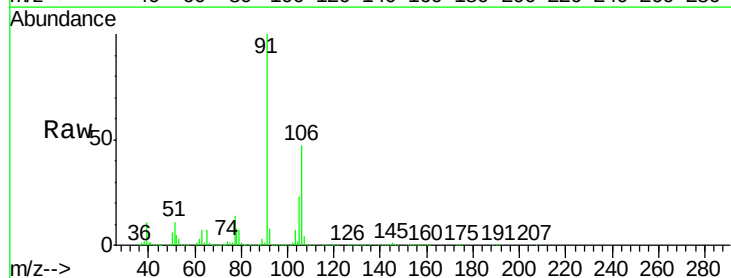
Acq: 18 Sep 2020 2:45

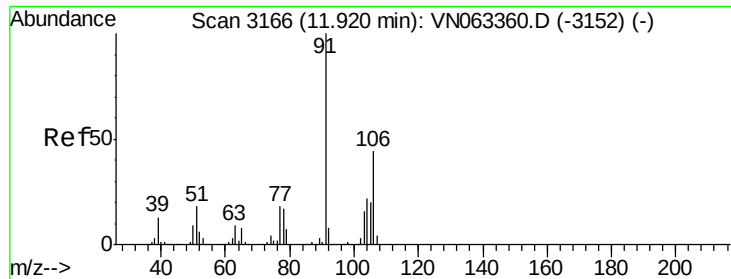
Tgt Ion: 106 Resp: 674033

Ion Ratio Lower Upper

106 100

91 210.0 171.2 256.8





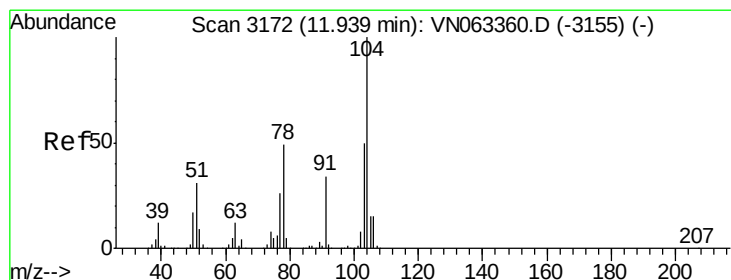
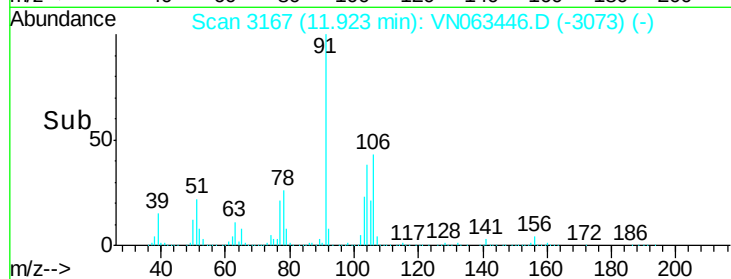
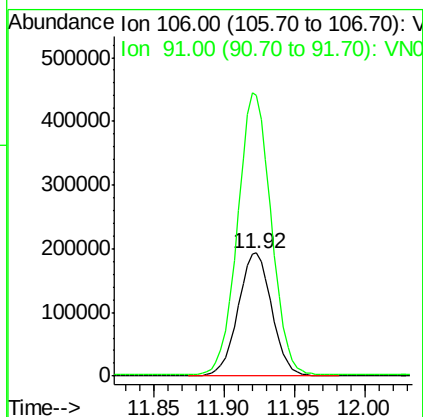
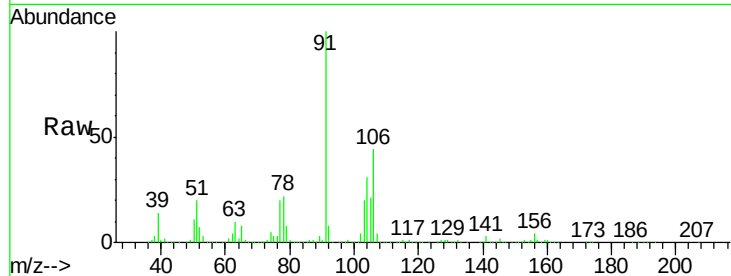
#69
o-Xylene
Concen: 47.964 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		321450		
91	227.6	113.6	340.8		

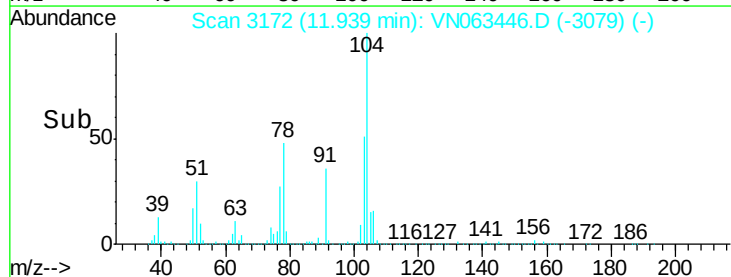
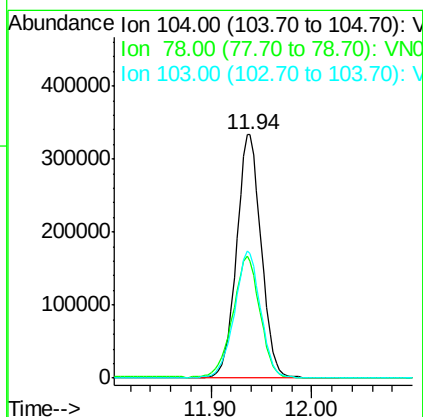
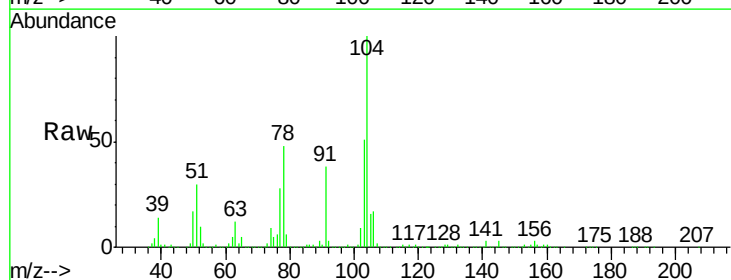
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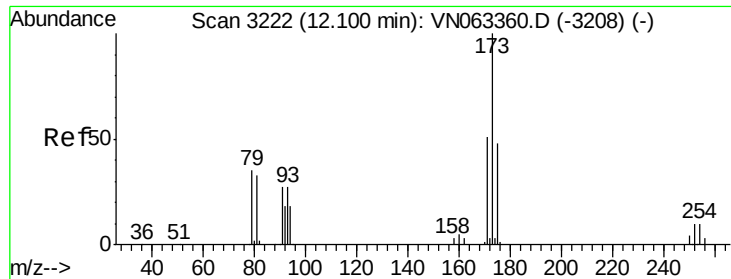
MMDadoda
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#70
Styrene
Concen: 49.979 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		561712		
78	54.7	44.4	66.6		
103	55.3	43.7	65.5		





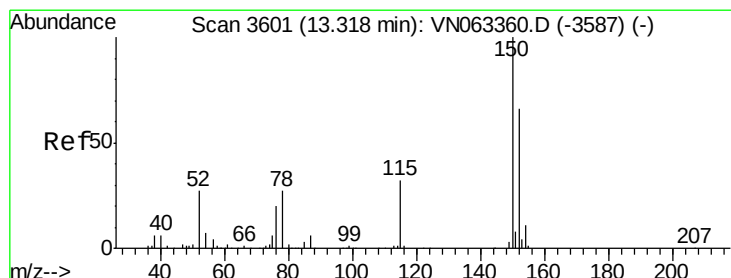
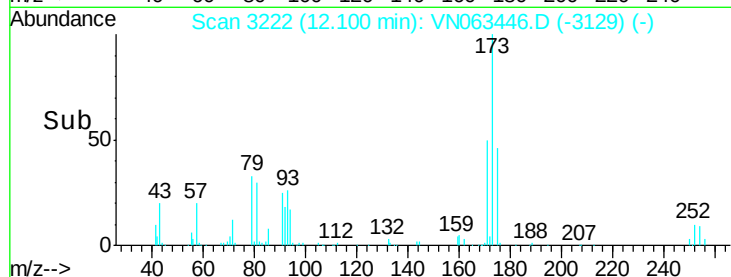
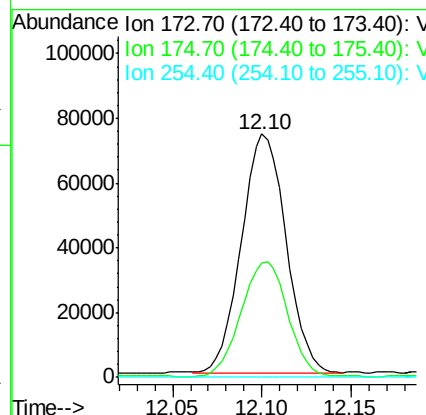
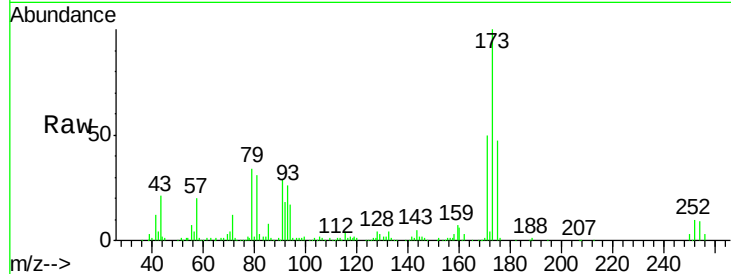
#71
Bromoform
Concen: 45.270 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.0	72.0
254	0.0	0.0	0.0

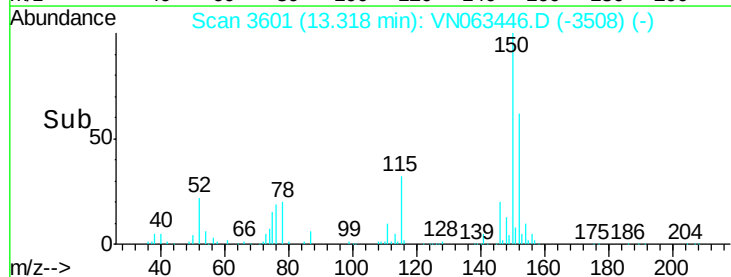
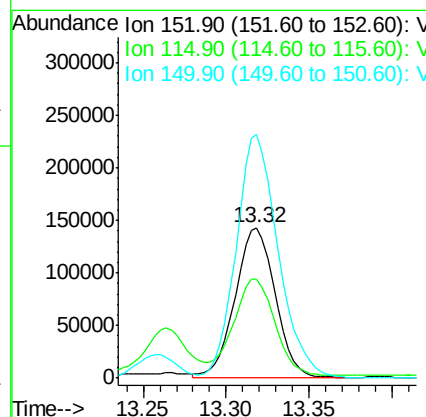
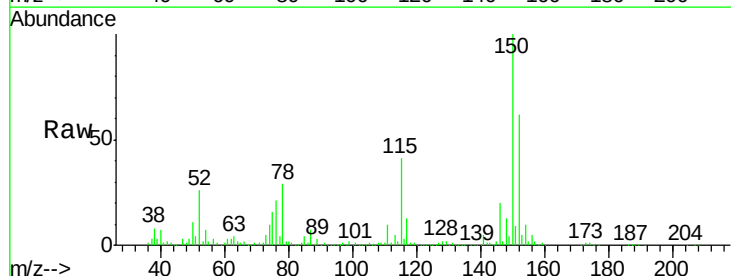
Manual Integrations
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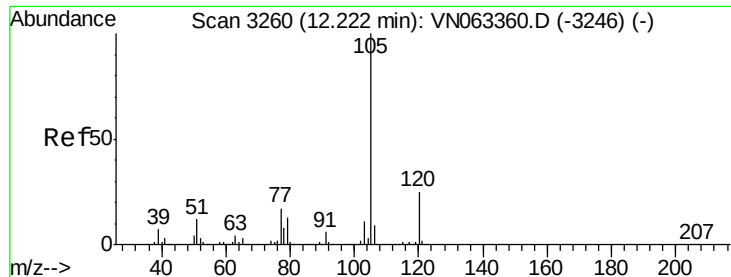
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	32.2	96.6
150	172.1	0.0	343.4





#73

Isopropylbenzene

Concen: 46.200 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 876424

Ion Ratio Lower Upper

105 100

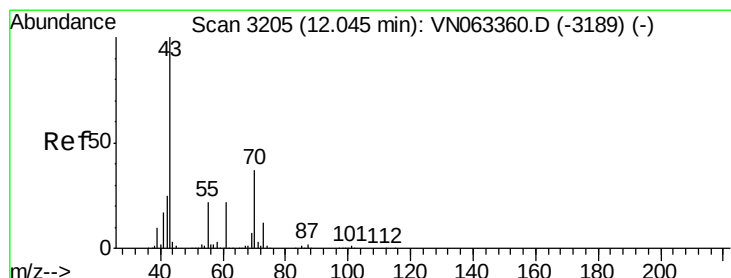
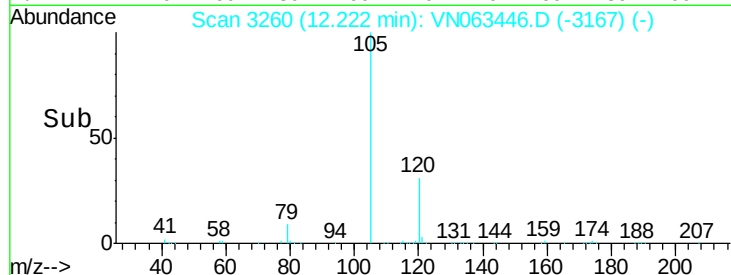
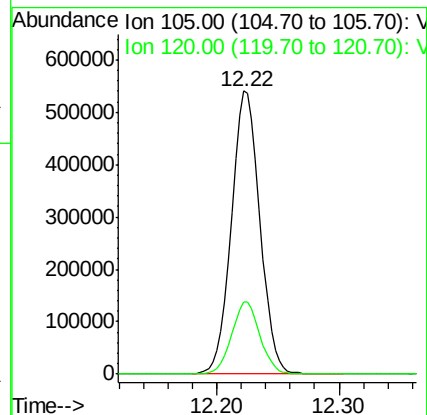
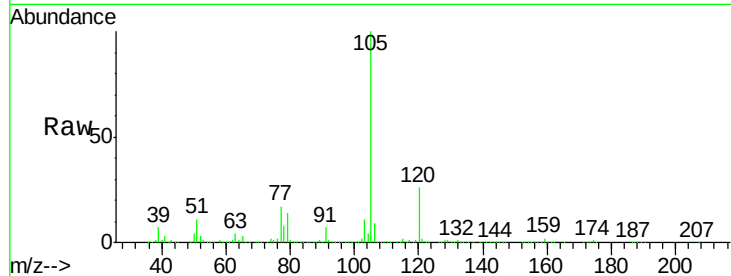
120 25.7 12.7 38.0

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#74

N-ethyl acetate

Concen: 52.670 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion: 43 Resp: 472967

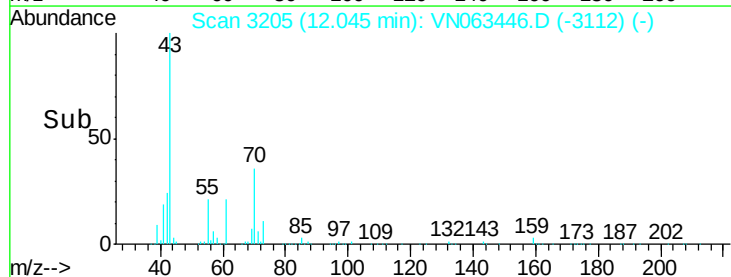
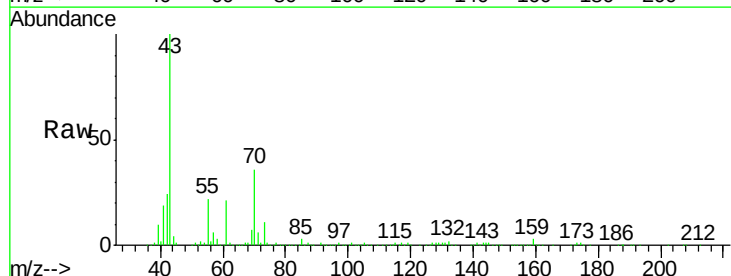
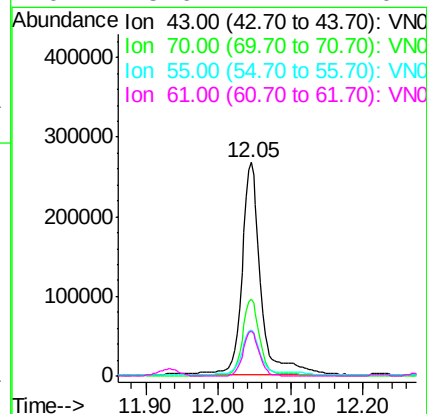
Ion Ratio Lower Upper

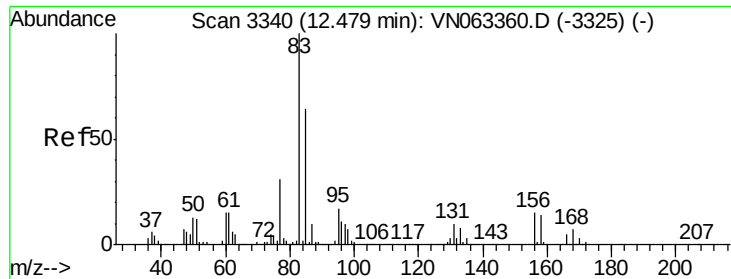
43 100

70 33.6 29.6 44.4

55 19.5 17.7 26.5

61 18.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.705 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 262586

Ion Ratio Lower Upper

83 100

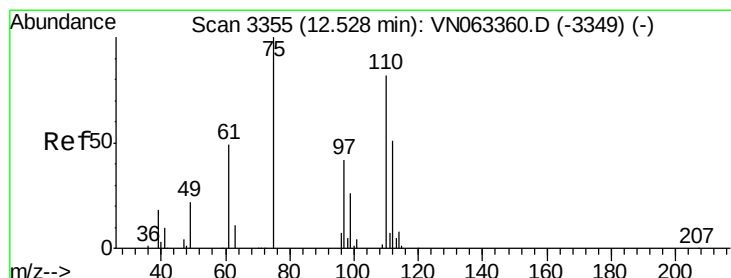
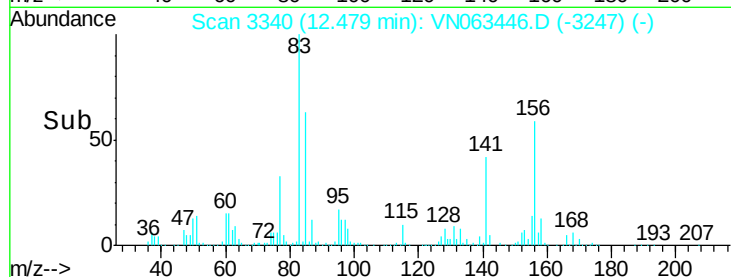
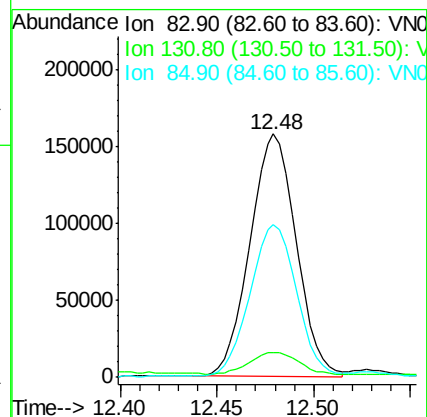
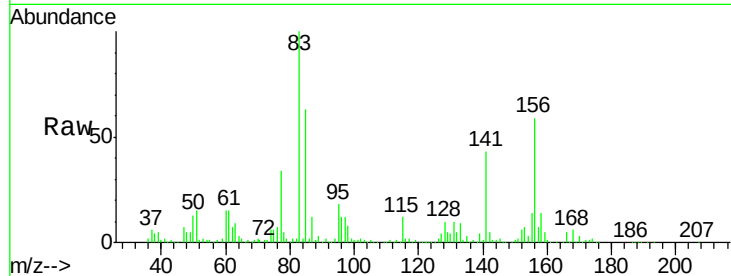
131 10.0 4.9 14.7

85 62.7 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 41.580 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063446.D

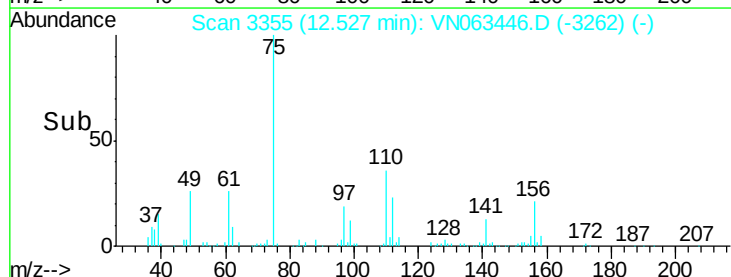
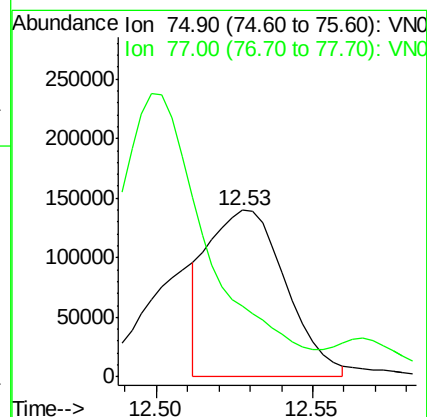
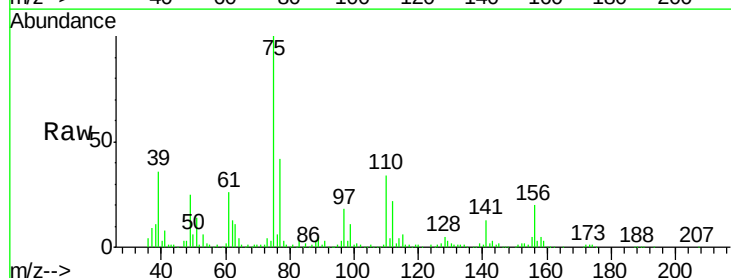
Acq: 18 Sep 2020 2:45

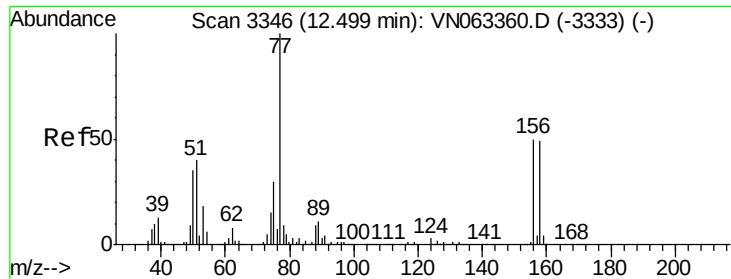
Tgt Ion: 75 Resp: 243635

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





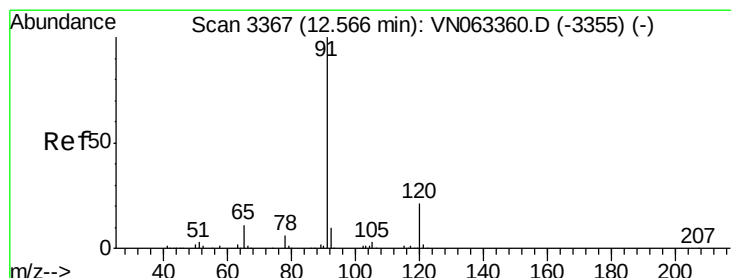
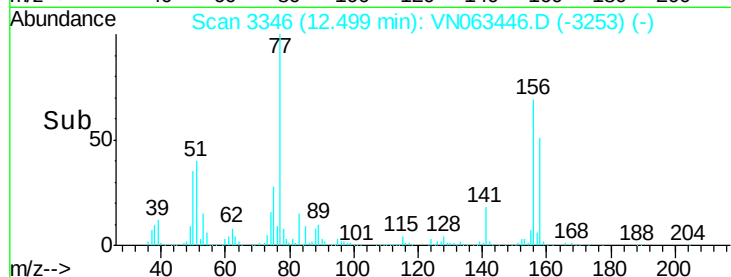
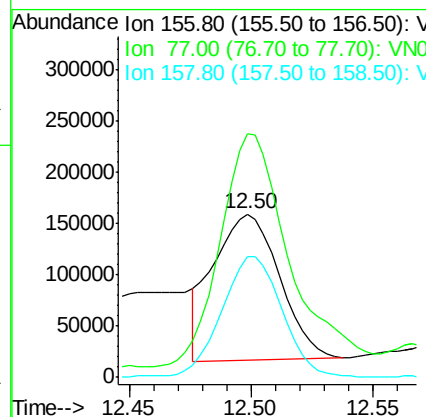
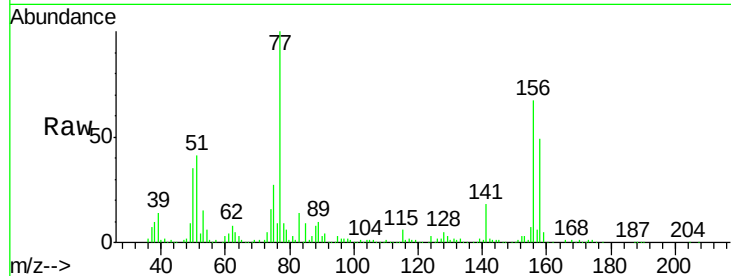
#77
Bromobenzene
Concen: 63.152 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	168.3	120.2	360.6
158	74.2	48.9	146.6

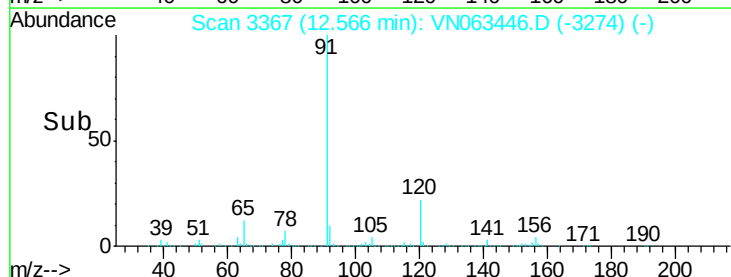
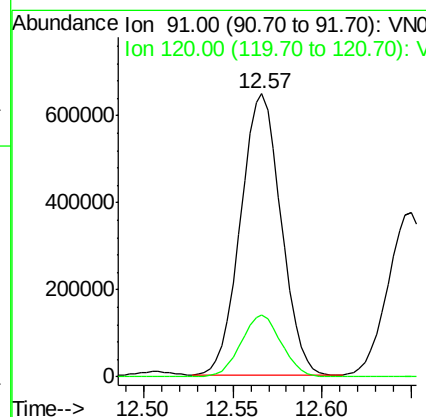
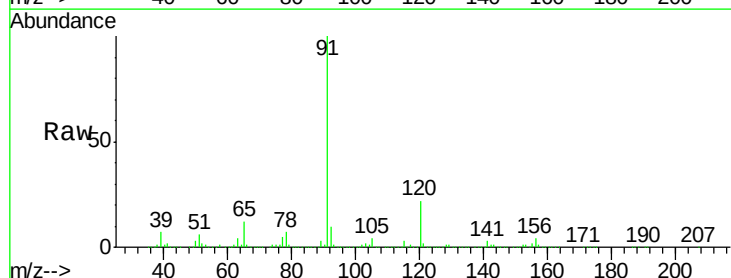
Manual Integrations
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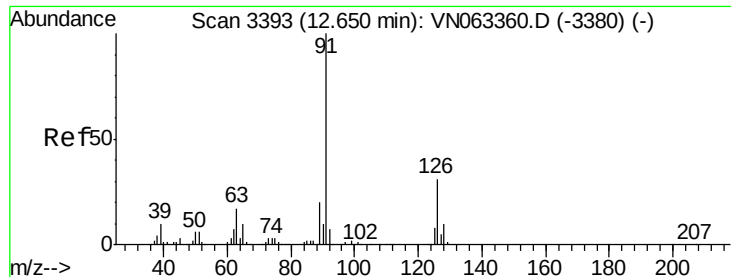
MMDadoda
9/18/2020 10:03:28 AM



#78
n-propylbenzene
Concen: 46.362 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.8	32.3





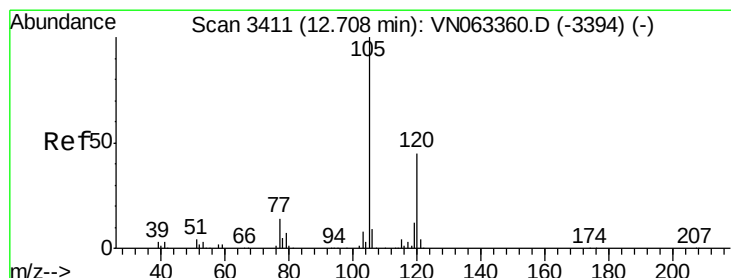
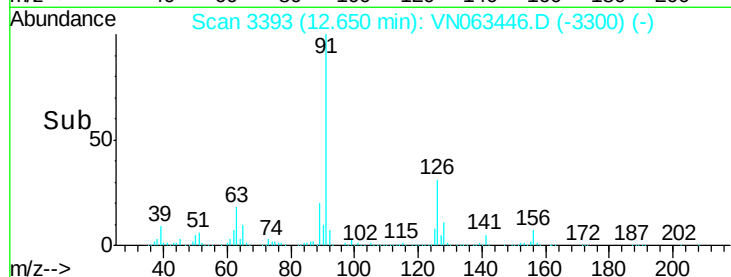
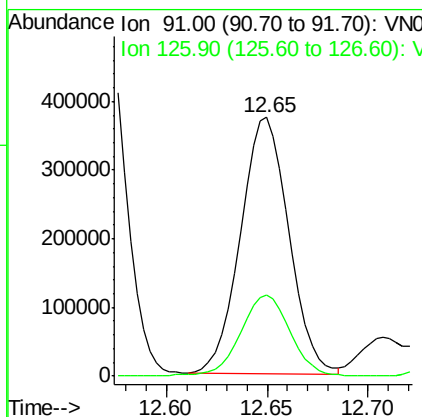
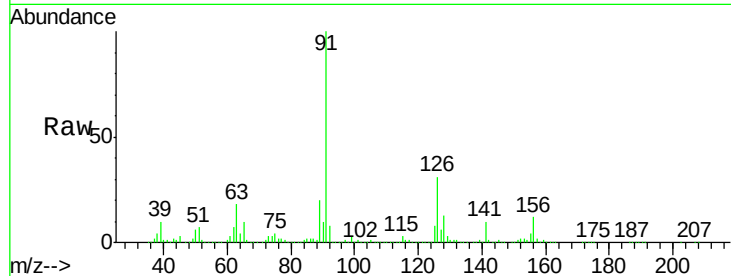
#79
 2-Chlorotoluene
 Concen: 47.253 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 625858
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.8 47.3

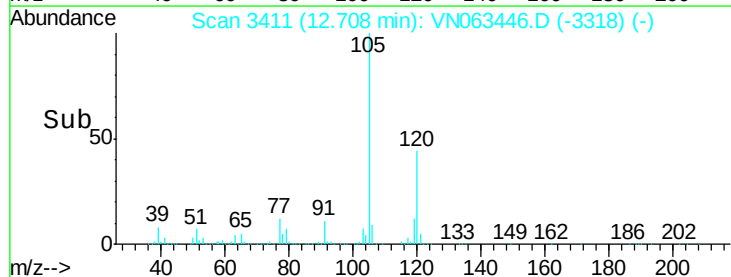
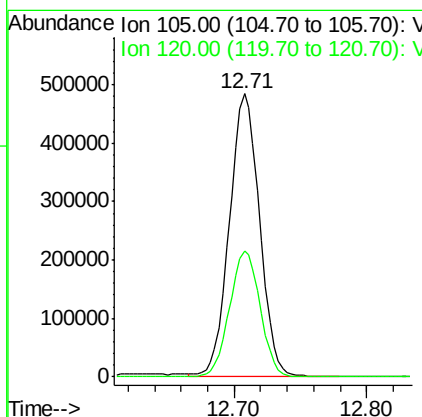
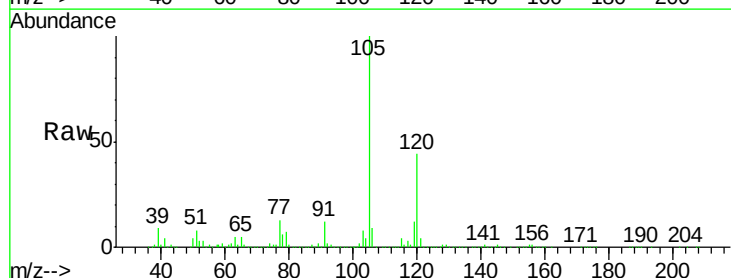
Manual Integrations
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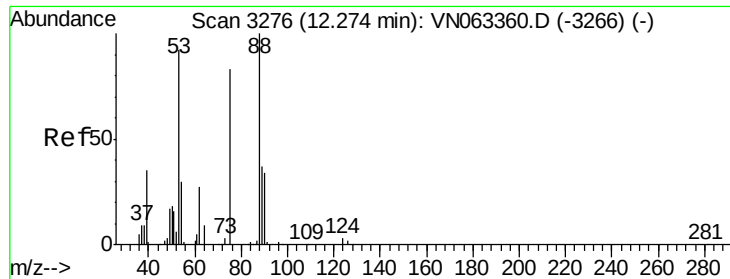
MMDadoda
 9/18/2020 10:03:28 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.063 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion: 105 Resp: 760288
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.775 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

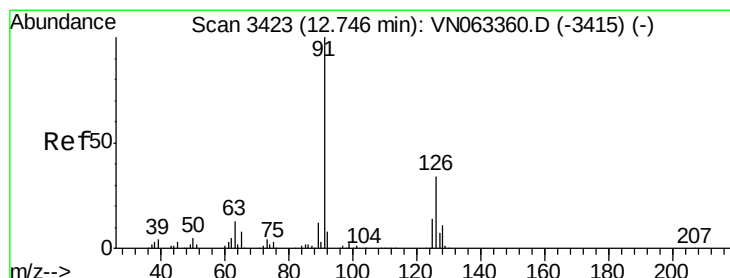
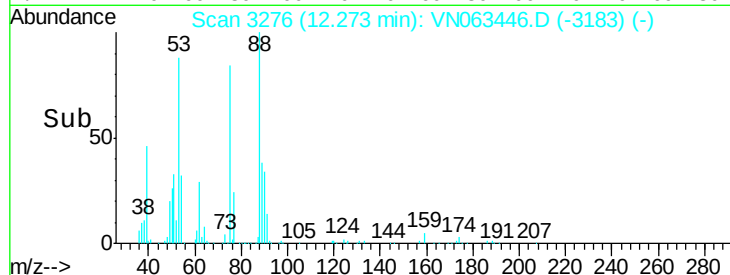
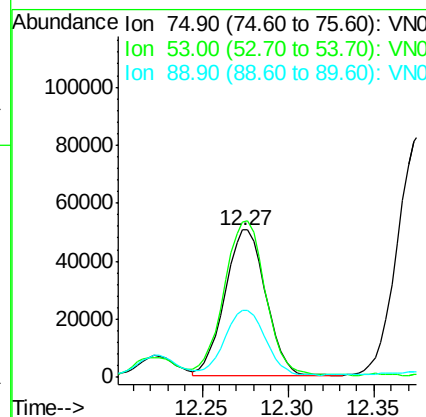
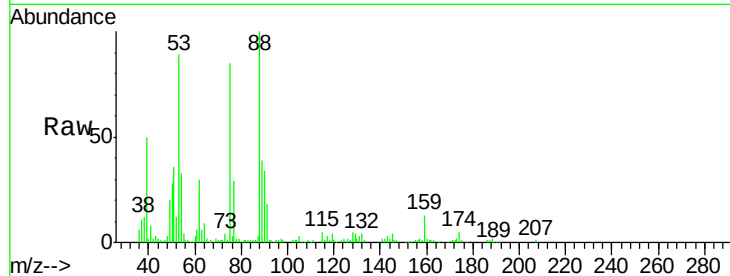
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	82869
Ion	Ratio	Lower	Upper
75	100		
53	106.7	85.7	128.5
89	45.3	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.136 ug/l

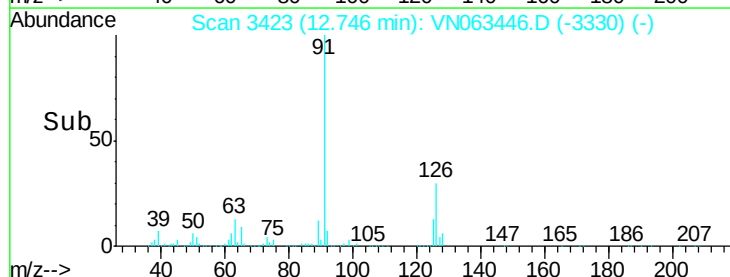
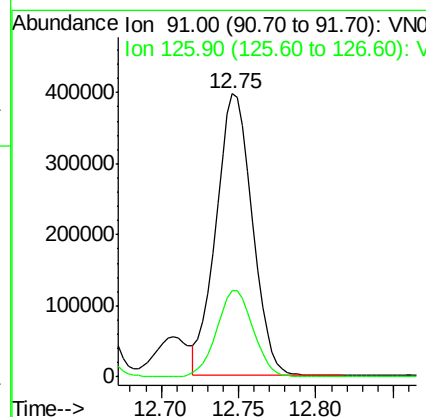
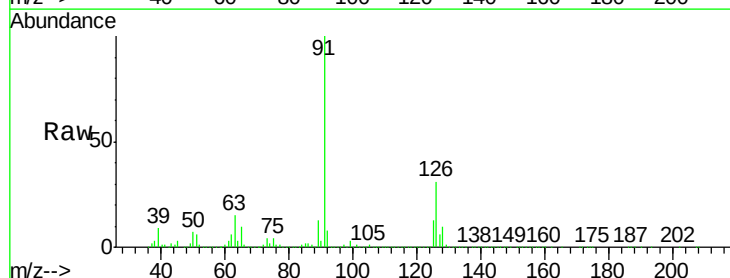
RT: 12.75 min Scan# 3423

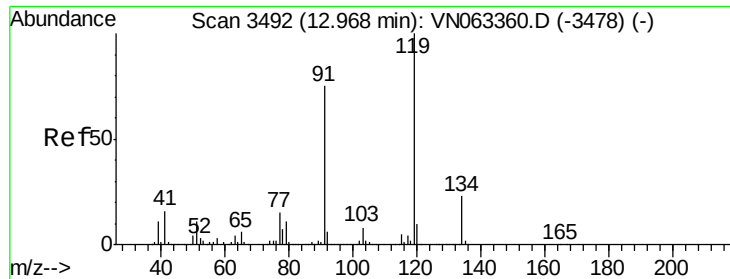
Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	91	Resp:	645628
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





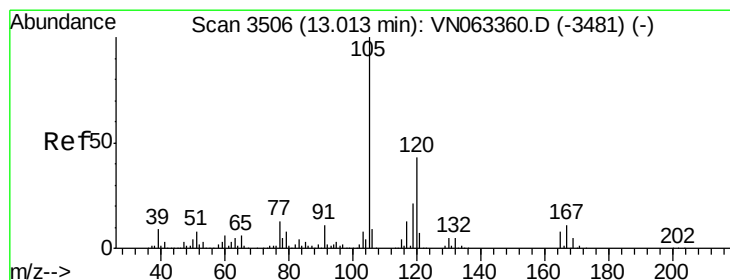
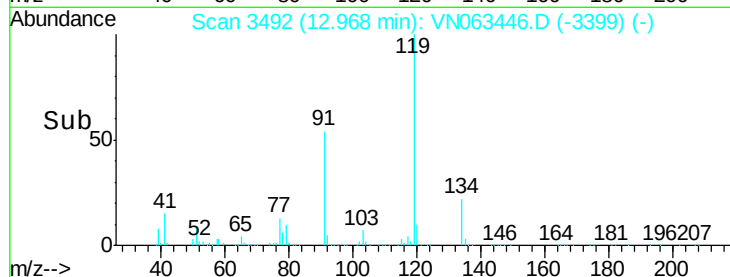
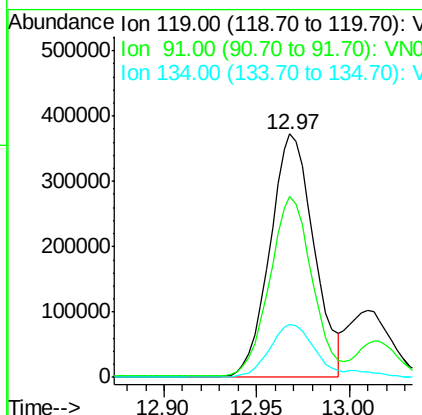
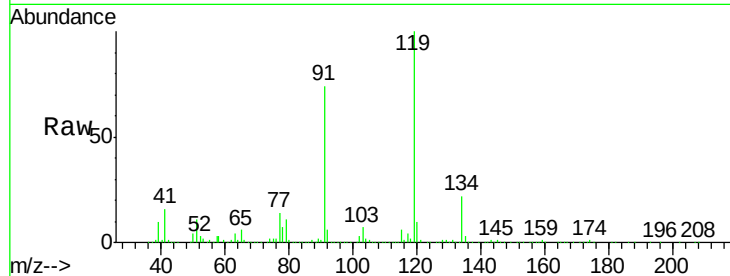
#83
tert-Butylbenzene
Concen: 46.969 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	613216		
91	71.9	36.3	108.9	
134	24.0	12.3	36.8	

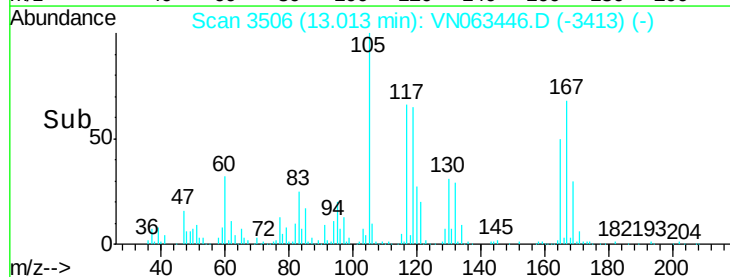
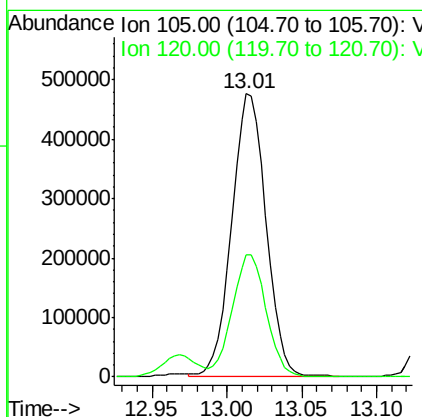
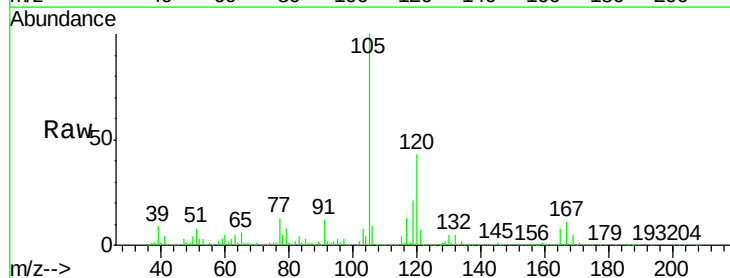
Manual Integrations
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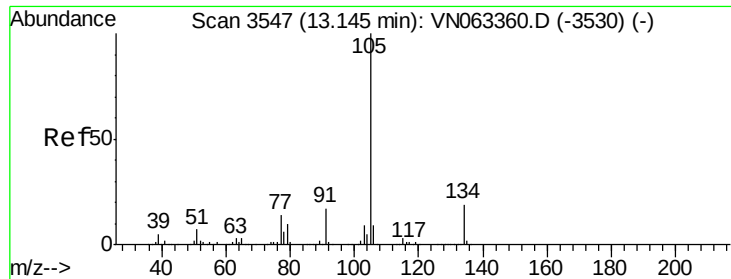
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#84
1,2,4-Trimethylbenzene
Concen: 47.132 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	753081		
120	43.2	21.3	63.9	





#85

sec-Butylbenzene

Concen: 46.093 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 805522

Ion Ratio Lower Upper

105 100

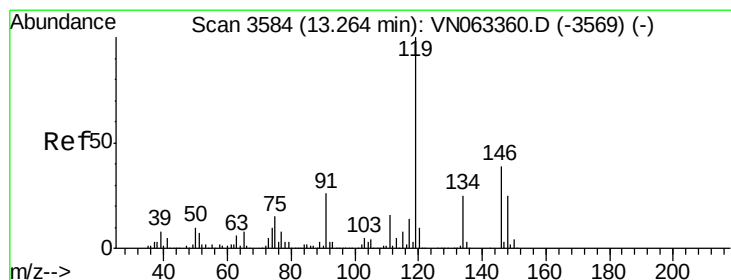
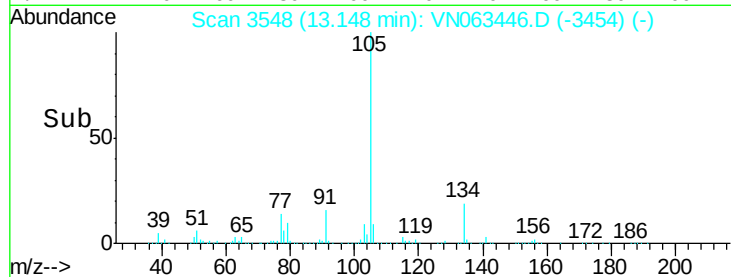
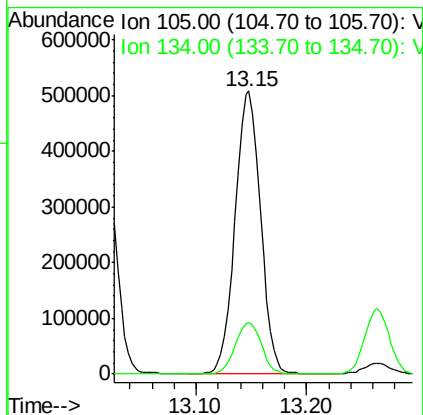
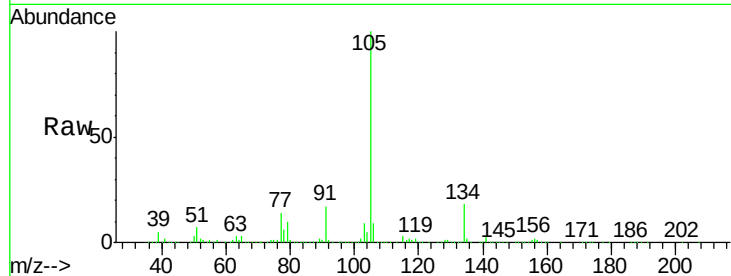
134 18.8 9.3 27.7

Manual Integrations

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9/18/2020 10:03:28 AM



#86

p-Isopropyltoluene

Concen: 48.019 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

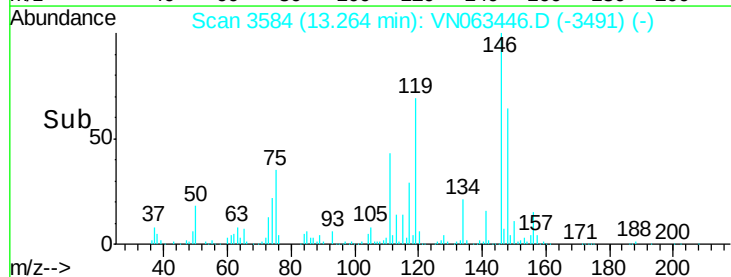
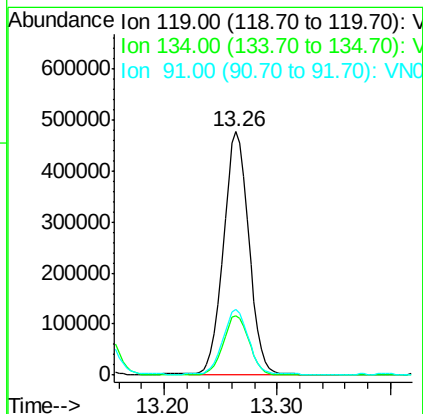
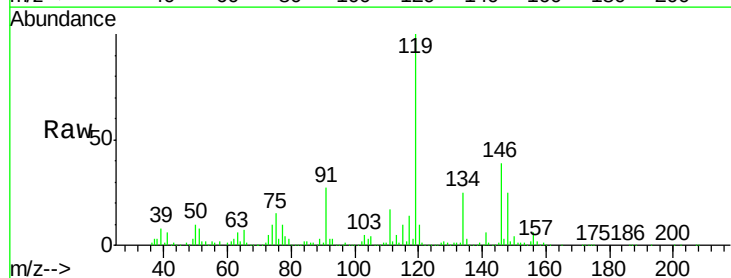
Tgt Ion:119 Resp: 740173

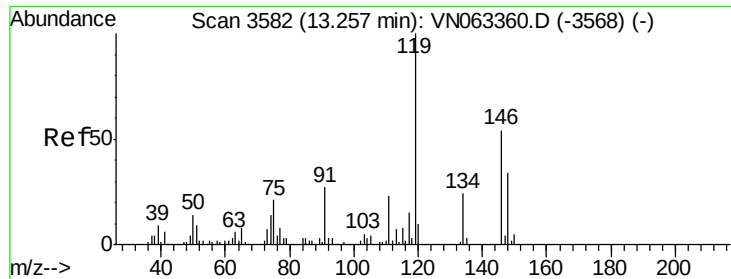
Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

91 27.0 13.4 40.1





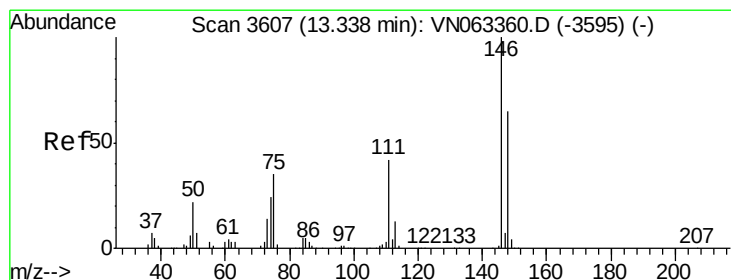
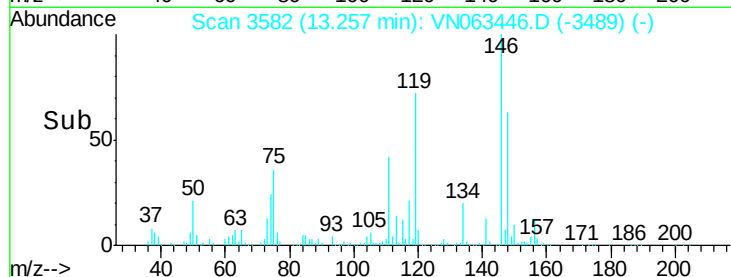
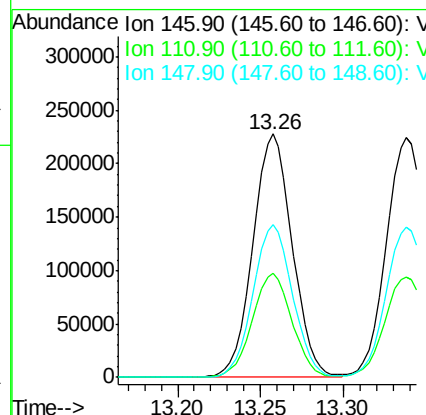
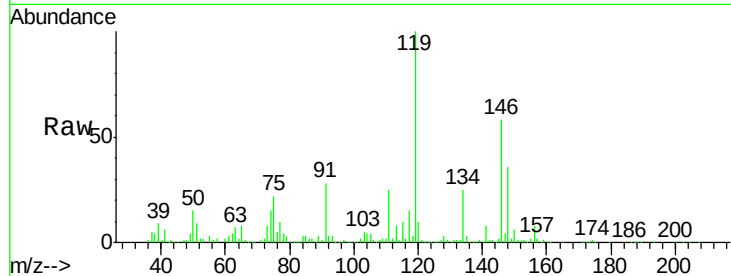
#87
 1,3-Dichlorobenzene
 Concen: 47.264 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	63.3	31.9	95.7

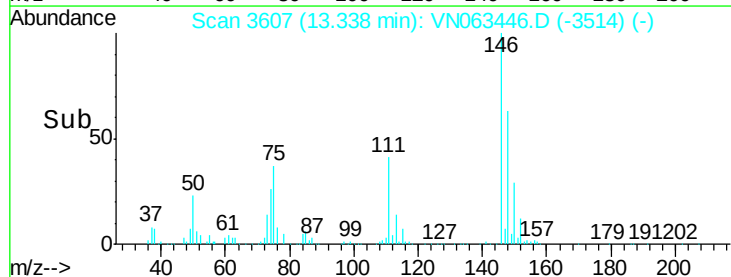
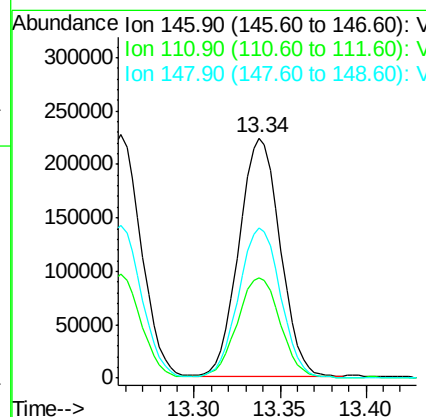
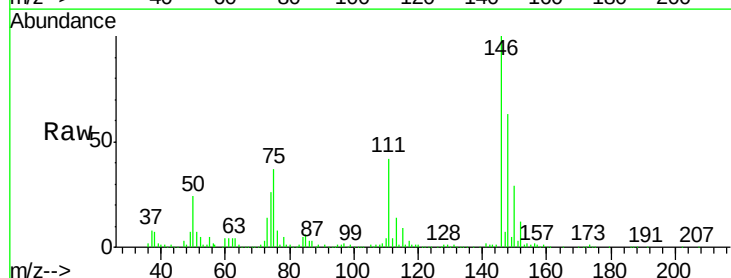
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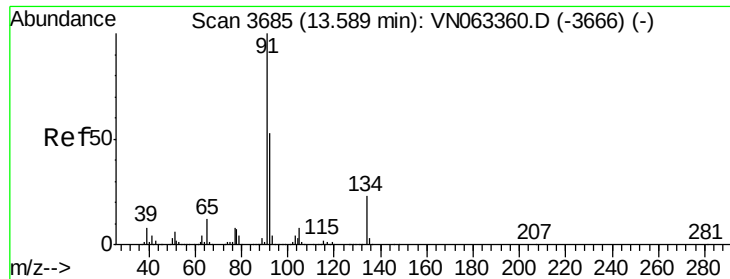
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#88
 1,4-Dichlorobenzene
 Concen: 46.084 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	64.3	31.9	95.9





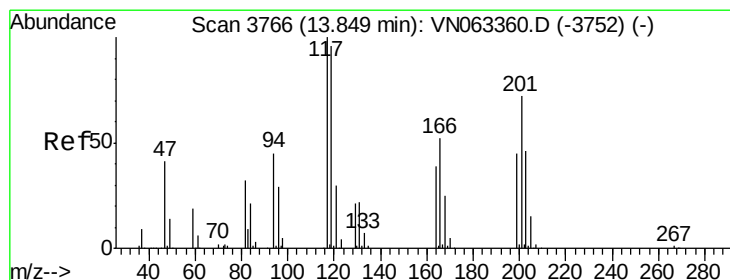
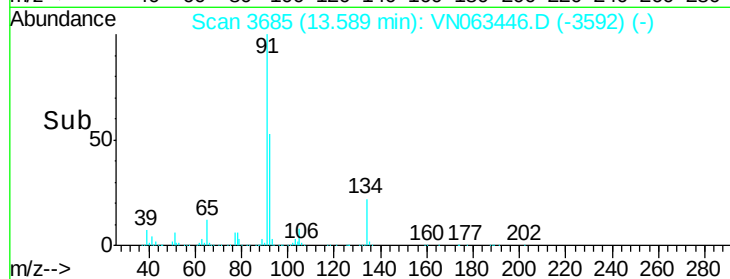
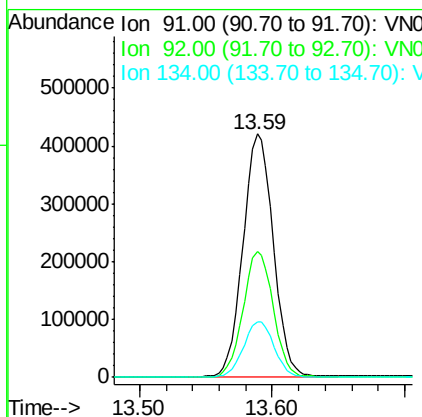
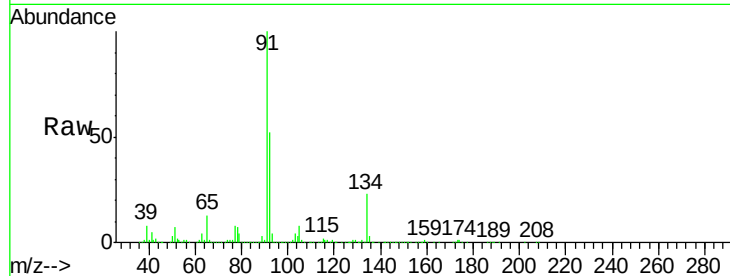
#89
n-Butylbenzene
Concen: 46.720 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	23.0	11.7	35.0

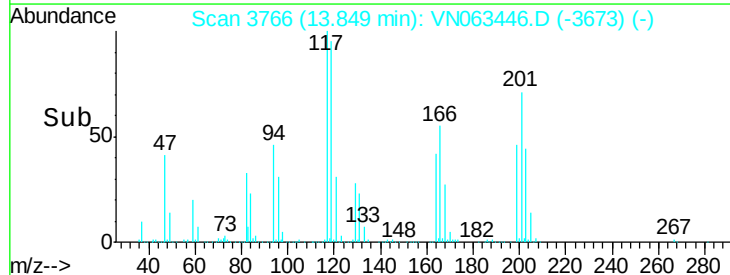
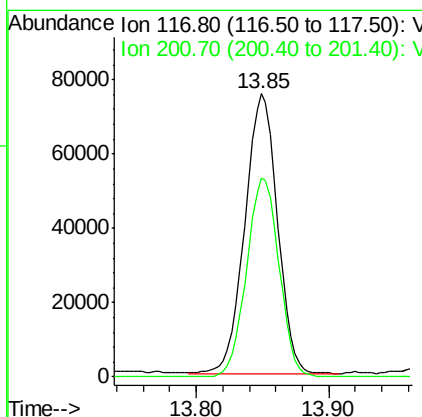
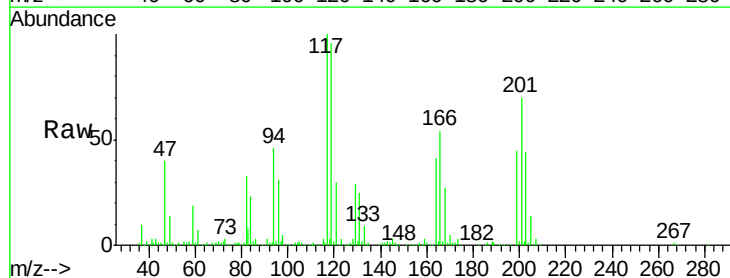
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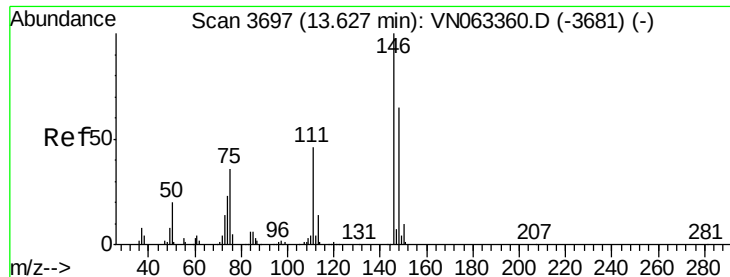
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#90
Hexachloroethane
Concen: 43.747 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.9	35.5	106.7





#91

1,2-Dichlorobenzene

Concen: 47.422 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Instrument :

MSVOA_N

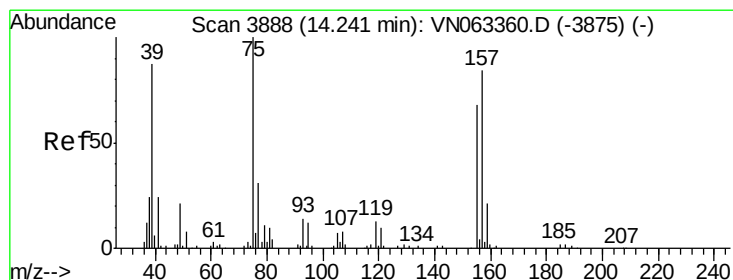
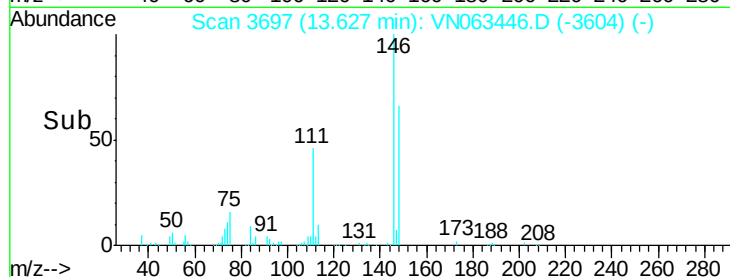
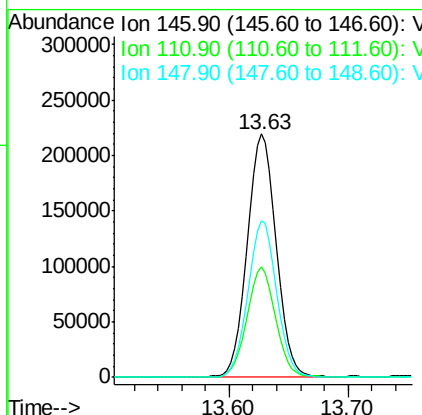
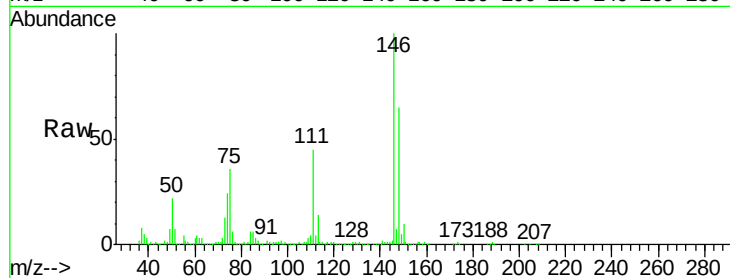
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	368237
Ion Ratio	Lower	Upper	
146	100		
111	45.0	22.4	67.2
148	64.3	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.311 ug/l

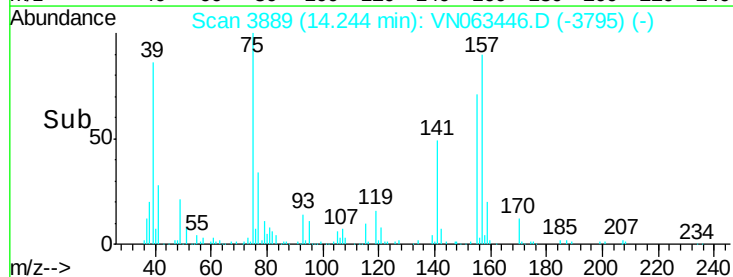
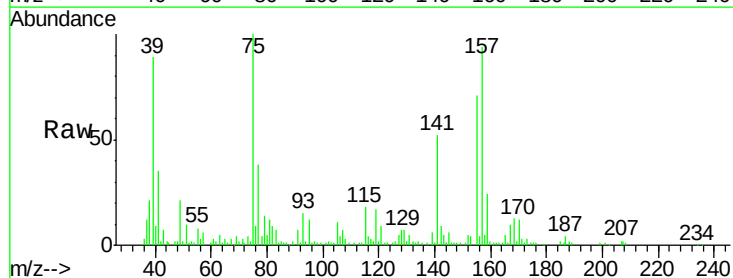
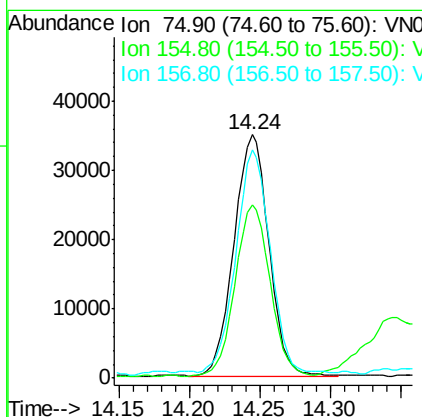
RT: 14.24 min Scan# 3889

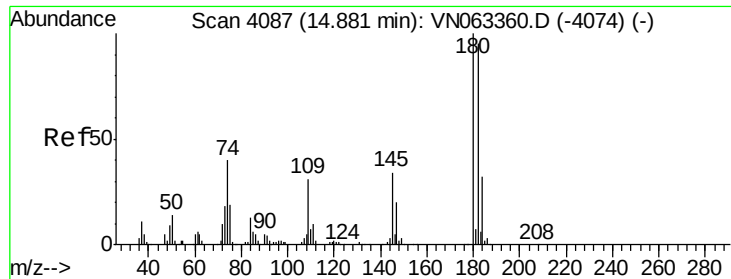
Delta R.T. 0.00 min

Lab File: VN063446.D

Acq: 18 Sep 2020 2:45

Tgt Ion:	75	Resp:	60579
Ion Ratio	Lower	Upper	
75	100		
155	71.0	34.6	103.9
157	88.8	43.7	131.1





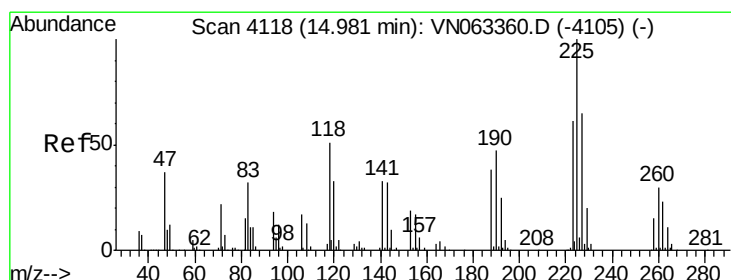
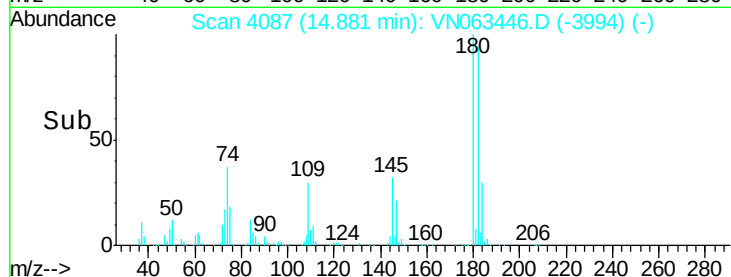
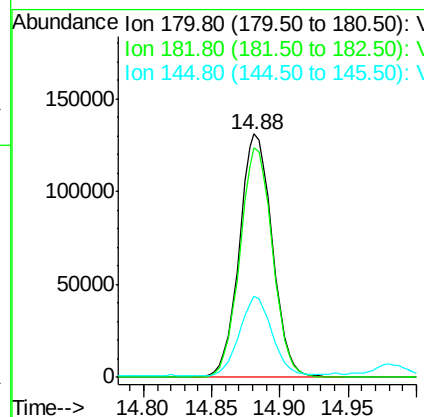
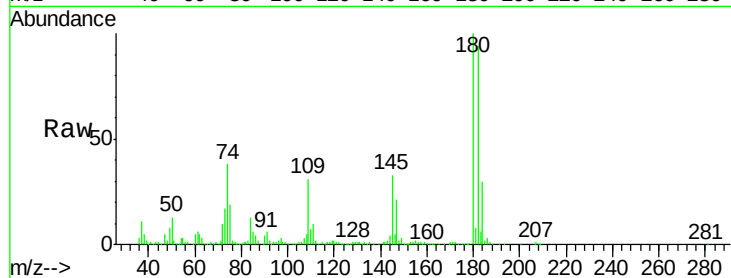
#93
 1,2,4-Trichlorobenzene
 Concen: 48.007 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219762		
182	93.5	47.3	142.0	
145	32.2	16.6	49.7	

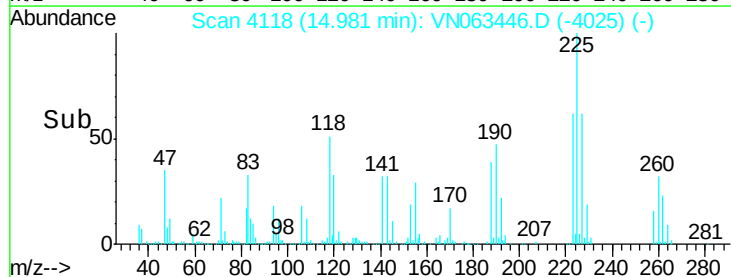
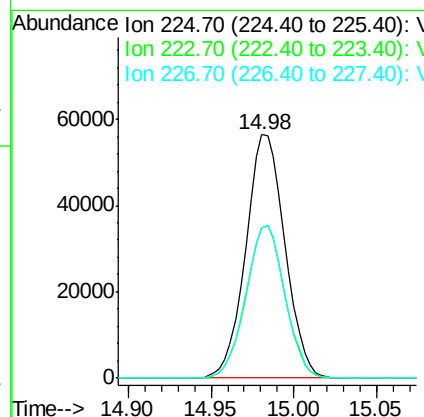
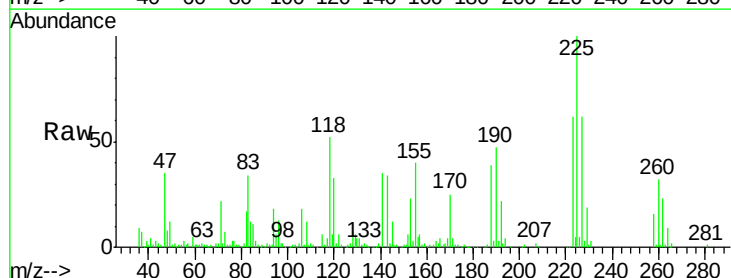
Manual Integrations
 APPROVED

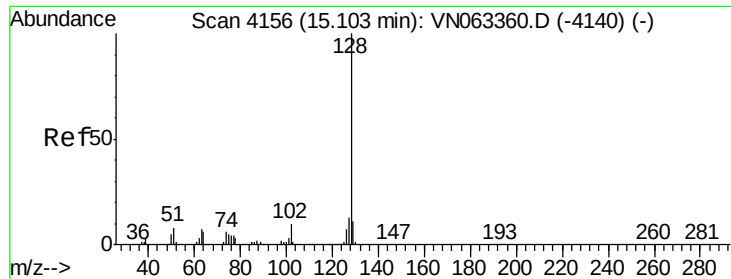
MMDadoda
 9/18/2020 10:03:28 AM



#94
 Hexachlorobutadiene
 Concen: 48.776 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063446.D
 Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92437		
223	62.2	30.6	91.6	
227	62.7	31.2	93.6	





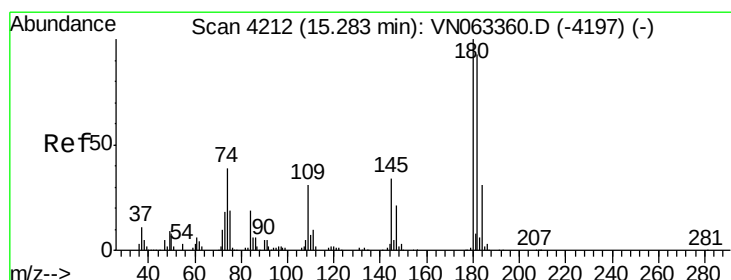
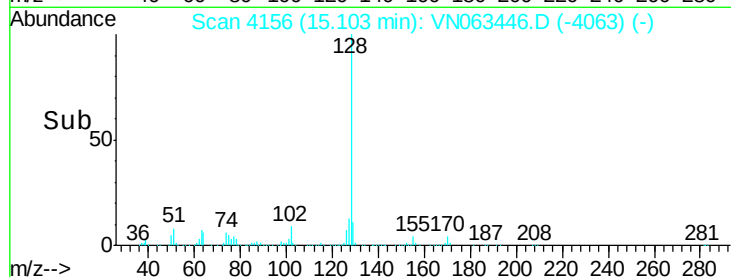
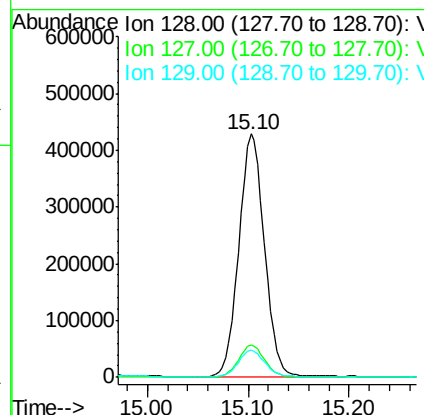
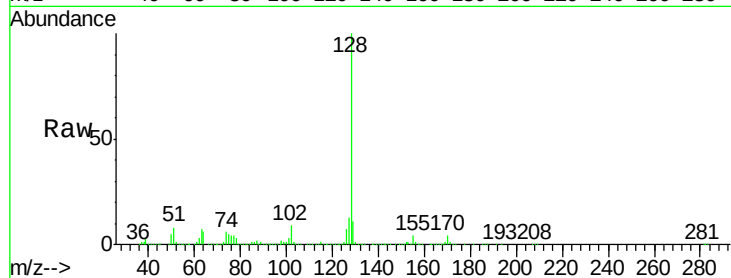
#95
Naphthalene
Concen: 49.673 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	751258		
127	13.4	10.6	15.8	
129	11.4	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/18/2020 10:03:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.937 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063446.D
Acq: 18 Sep 2020 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207608		
182	96.2	46.7	140.1	
145	34.7	16.8	50.3	

