

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063553.D
 Acq On : 22 Sep 2020 23:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:35 PM

Quant Time: Sep 23 06:09:24 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	248403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	432614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216299	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.55	113	153637	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.06	98	578055	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.38	95	224697	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	134800	47.900	ug/l	99
3) Chloromethane	2.04	50	160342	43.069	ug/l	99
4) Vinyl Chloride	2.16	62	164100	49.752	ug/l	100
5) Bromomethane	2.53	94	102514	52.346	ug/l	94
6) Chloroethane	2.67	64	100737	49.754	ug/l	97
7) Trichlorofluoromethane	2.99	101	265855	54.023	ug/l	99
8) Diethyl Ether	3.38	74	94137	49.070	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138447	50.025	ug/l	98
10) Methyl Iodide	3.91	142	178359	49.500	ug/l	99
11) Tert butyl alcohol	4.73	59	119614	204.191	ug/l	98
12) 1,1-Dichloroethene	3.70	96	137263	48.967	ug/l	99
13) Acrolein	3.57	56	55561	255.939	ug/l	96
14) Allyl chloride	4.28	41	253331	45.688	ug/l	98
15) Acrylonitrile	4.93	53	365679	245.412	ug/l	99
16) Acetone	3.77	43	327749	241.176	ug/l	98
17) Carbon Disulfide	4.01	76	362675	44.479	ug/l	99
18) Methyl Acetate	4.28	43	174467	50.572	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	504029	48.243	ug/l	98
20) Methylene Chloride	4.51	84	164534	47.787	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148600	47.847	ug/l	95
22) Diisopropyl ether	5.90	45	549605	48.601	ug/l	98
23) Vinyl Acetate	5.84	43	2296481	247.271	ug/l	99
24) 1,1-Dichloroethane	5.80	63	299474	48.506	ug/l	100
25) 2-Butanone	6.78	43	499529	239.003	ug/l	100
26) 2,2-Dichloropropane	6.78	77	224135	41.233	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177949	50.622	ug/l	97
28) Bromochloromethane	7.15	49	142524	49.997	ug/l	96
29) Tetrahydrofuran	7.16	42	336579	235.789	ug/l	100
30) Chloroform	7.33	83	319364	51.558	ug/l	98
31) Cyclohexane	7.62	56	249085	42.652	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	278922	50.627	ug/l	100
36) 1,1-Dichloropropene	7.75	75	225063	48.832	ug/l	100
37) Ethyl Acetate	6.88	43	218541	48.313	ug/l	98
38) Carbon Tetrachloride	7.73	117	237207	50.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225752	45.131	ug/l	98
40) Benzene	8.00	78	659576	50.133	ug/l	99
41) Methacrylonitrile	7.13	41	108186	53.177	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	270626	51.149	ug/l	99
43) Isopropyl Acetate	8.13	43	382584	47.301	ug/l #	89
44) Trichloroethene	8.80	130	162183	50.824	ug/l	97
45) 1,2-Dichloropropane	9.09	63	178667	49.861	ug/l	94
46) Dibromomethane	9.17	93	120607	51.210	ug/l	99
47) Bromodichloromethane	9.37	83	253383	51.787	ug/l	100
48) Methyl methacrylate	9.16	41	192490	48.439	ug/l	97
49) 1,4-Dioxane	9.17	88	50958	893.572	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1144167	252.679	ug/l	99
52) Toluene	10.13	92	416501	52.653	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	264419	48.409	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	282106	48.964	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	164123	52.235	ug/l	97
56) Ethyl methacrylate	10.40	69	245359	50.022	ug/l	97
57) 1,3-Dichloropropane	10.68	76	284471	50.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	597607	232.254	ug/l	97
59) 2-Hexanone	10.72	43	829467	252.847	ug/l	100
60) Dibromochloromethane	10.87	129	184118	51.870	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168506	51.621	ug/l	98
64) Tetrachloroethene	10.60	164	147592	53.434	ug/l	99
65) Chlorobenzene	11.41	112	431695	50.134	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	165629	52.474	ug/l	99
67) Ethyl Benzene	11.49	91	818528	50.478	ug/l	100
68) m/p-Xylenes	11.60	106	594984	101.767	ug/l	99
69) o-Xylene	11.92	106	281935	50.622	ug/l	99
70) Styrene	11.94	104	498211	53.342	ug/l	98
71) Bromoform	12.10	173	120273	51.149	ug/l #	100
73) Isopropylbenzene	12.23	105	774933	50.378	ug/l	100
74) N-amyl acetate	12.05	43	349457	47.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	236747	49.706	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	234289m	49.311	ug/l	
77) Bromobenzene	12.50	156	180088	52.046	ug/l	96
78) n-propylbenzene	12.57	91	904513	50.485	ug/l	100
79) 2-Chlorotoluene	12.65	91	548691	51.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	659043	51.379	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	75867	43.778	ug/l	95
82) 4-Chlorotoluene	12.75	91	572534	50.454	ug/l	100
83) tert-Butylbenzene	12.97	119	532294	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	661628	51.066	ug/l	100
85) sec-Butylbenzene	13.15	105	707039	49.894	ug/l	100
86) p-Isopropyltoluene	13.26	119	628677	50.298	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330822	51.583	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	331069	50.774	ug/l	100
89) n-Butylbenzene	13.59	91	560963	48.691	ug/l	99
90) Hexachloroethane	13.85	117	111928	47.029	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	324267	51.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52522	46.309	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	177552	47.832	ug/l	100
94) Hexachlorobutadiene	14.98	225	80597	52.447	ug/l	98
95) Naphthalene	15.10	128	585622	47.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	173707	48.432	ug/l	98

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

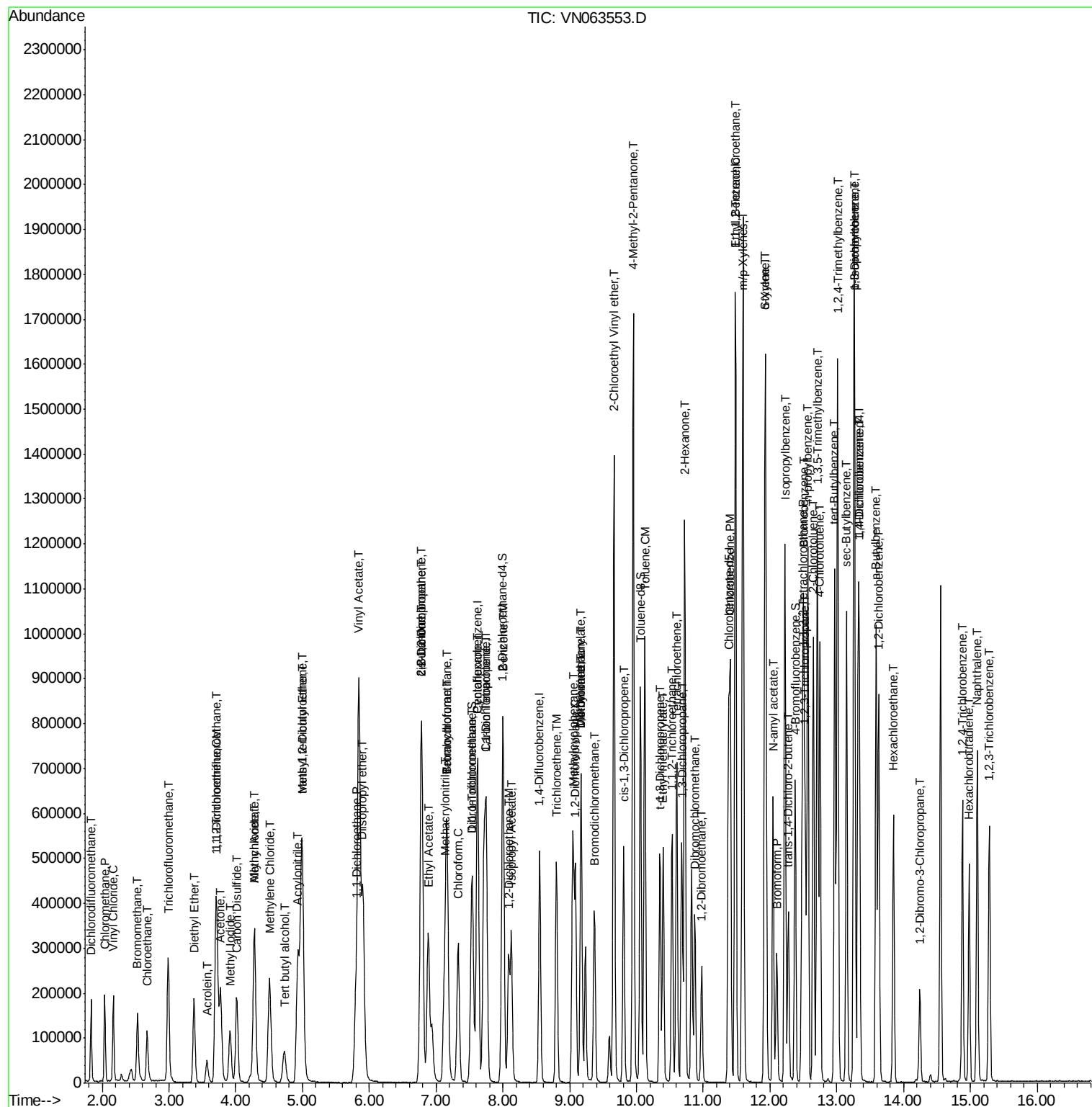
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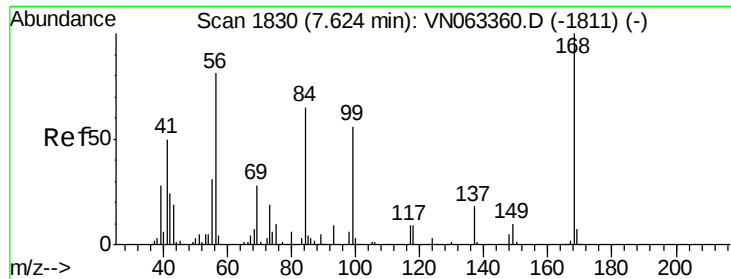
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 248403

Ion Ratio Lower Upper

168 100

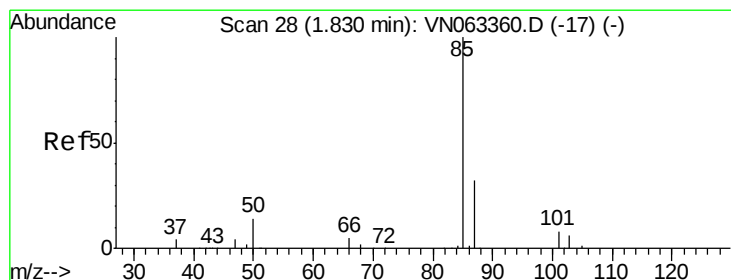
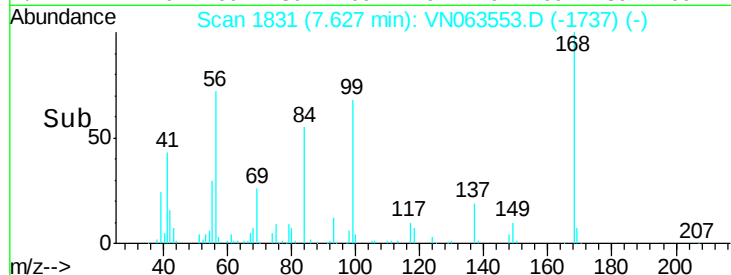
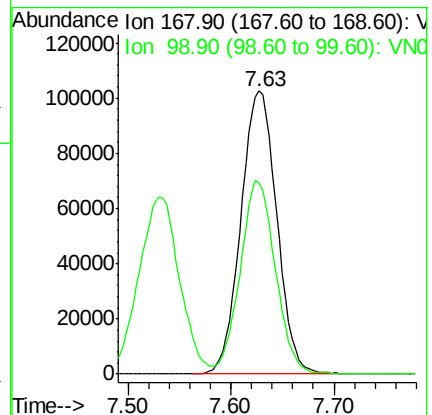
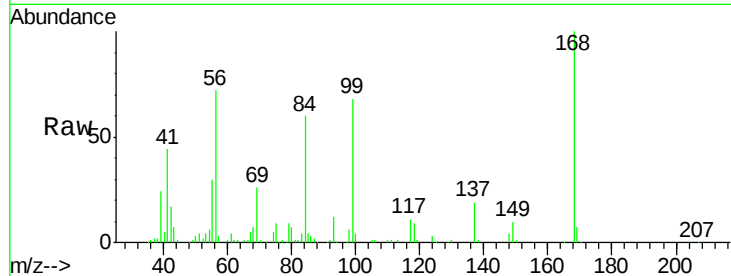
99 67.4 53.0 79.6

Manual Integrations

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9/23/2020 1:06:35 PM



#2

Dichlorodifluoromethane

Concen: 47.900 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063553.D

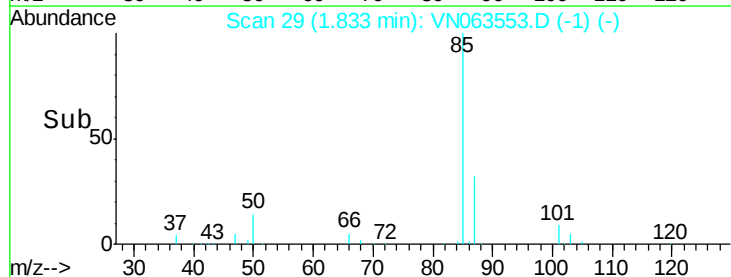
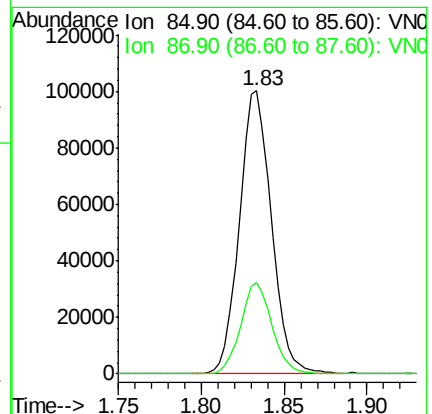
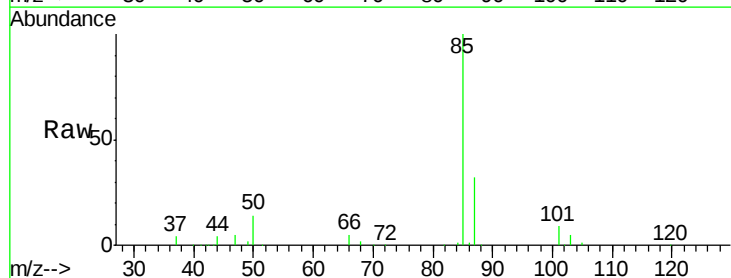
Acq: 22 Sep 2020 23:41

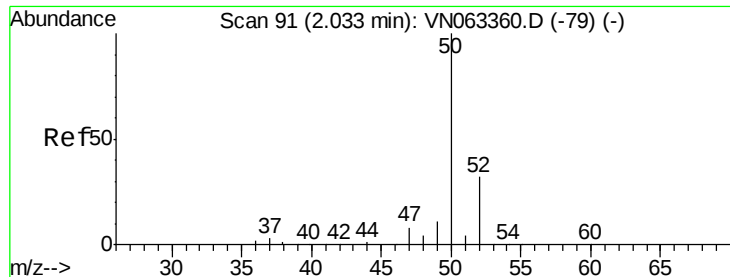
Tgt Ion: 85 Resp: 134800

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6





#3

Chloromethane

Concen: 43.069 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 160342

Ion Ratio Lower Upper

50 100

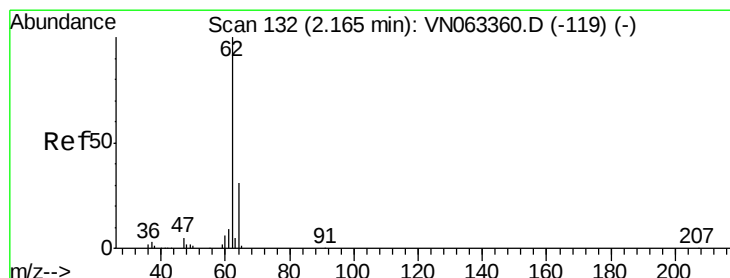
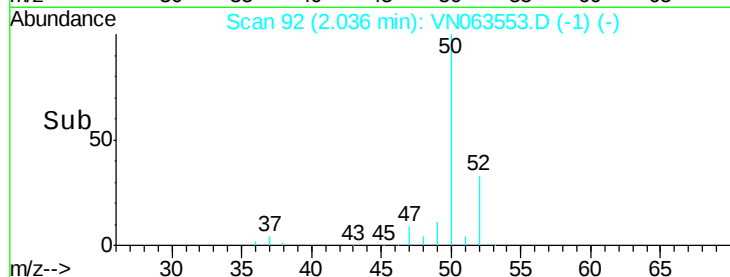
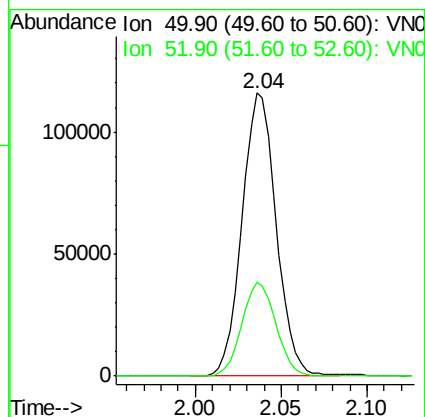
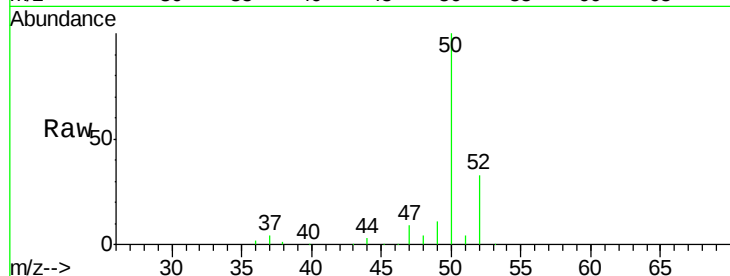
52 33.1 25.9 38.9

Manual Integrations

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9/23/2020 1:06:35 PM



#4

Vinyl Chloride

Concen: 49.752 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063553.D

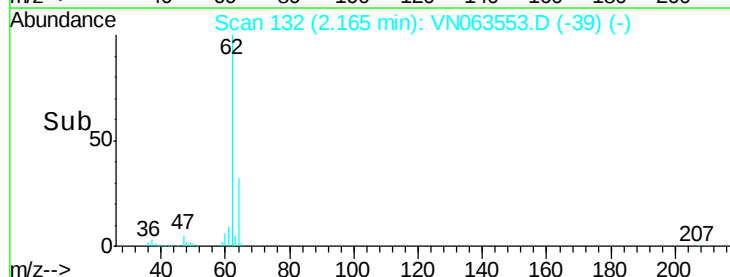
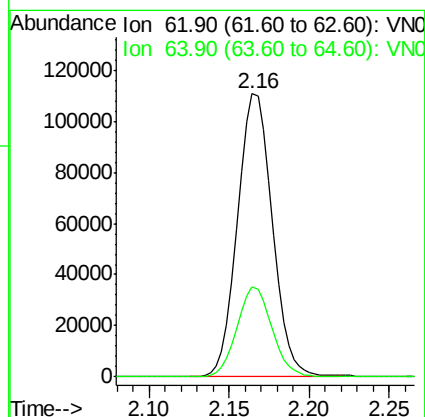
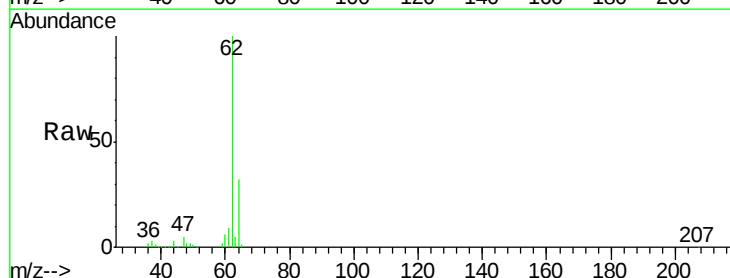
Acq: 22 Sep 2020 23:41

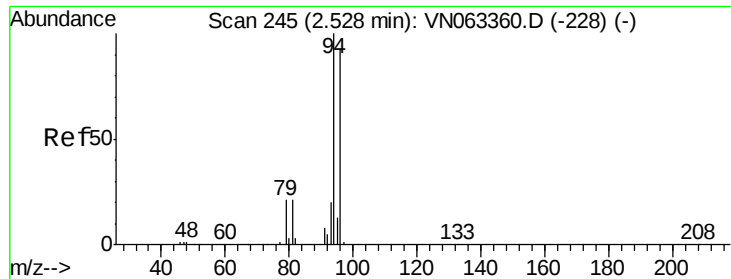
Tgt Ion: 62 Resp: 164100

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 52.346 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

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ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 102514

Ion Ratio Lower Upper

94 100

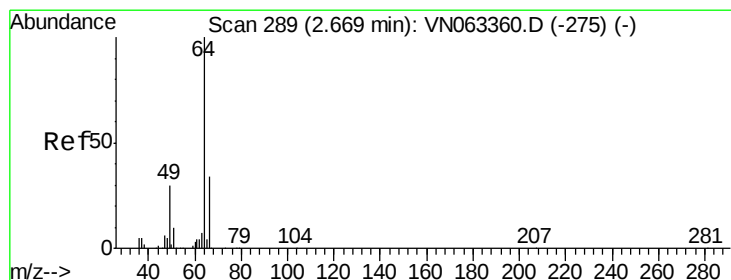
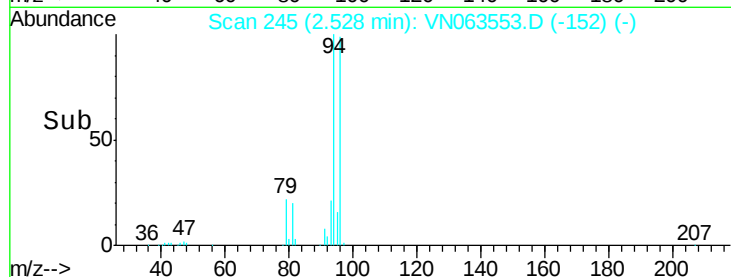
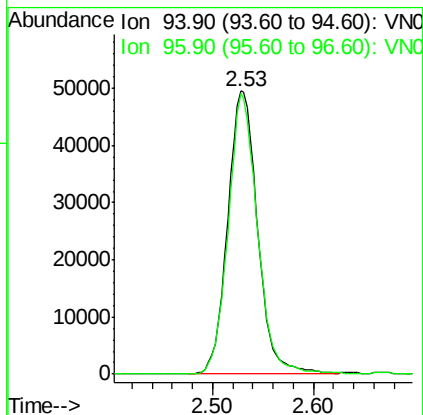
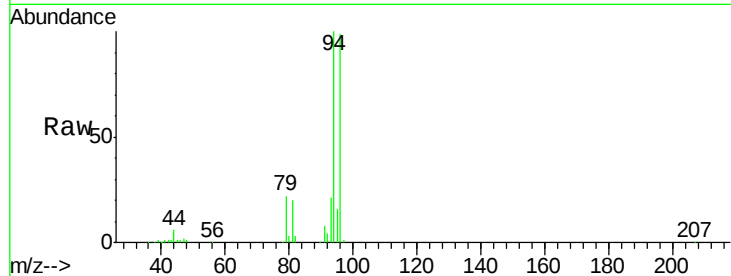
96 99.1 74.5 111.7

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9/23/2020 1:06:35 PM



#6

Chloroethane

Concen: 49.754 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063553.D

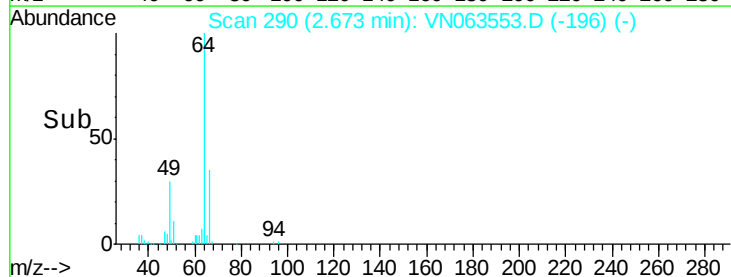
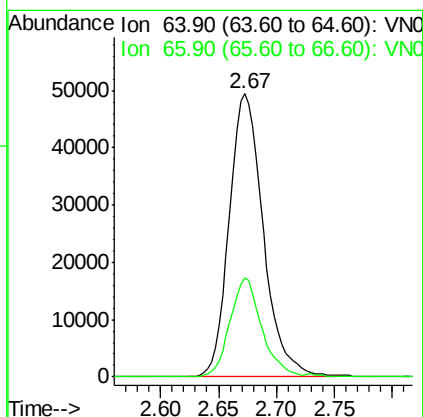
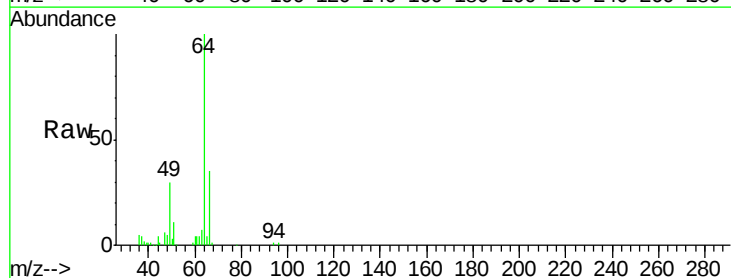
Acq: 22 Sep 2020 23:41

Tgt Ion: 64 Resp: 100737

Ion Ratio Lower Upper

64 100

66 35.0 26.9 40.3





#7

Trichlorofluoromethane

Concen: 54.023 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:101 Resp: 265855

Ion Ratio Lower Upper

101 100

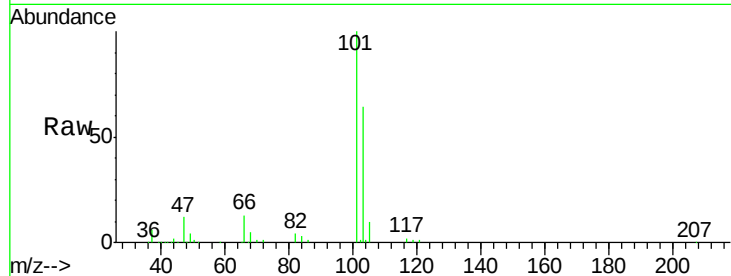
103 64.3 52.3 78.5

Manual Integrations

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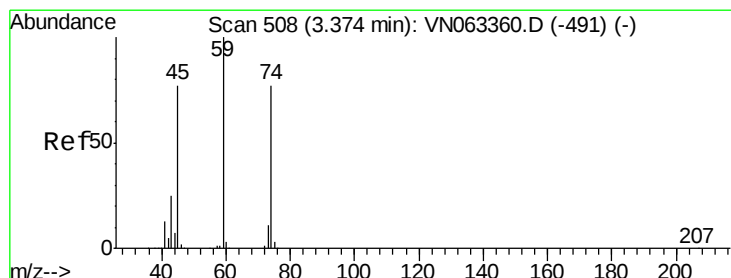
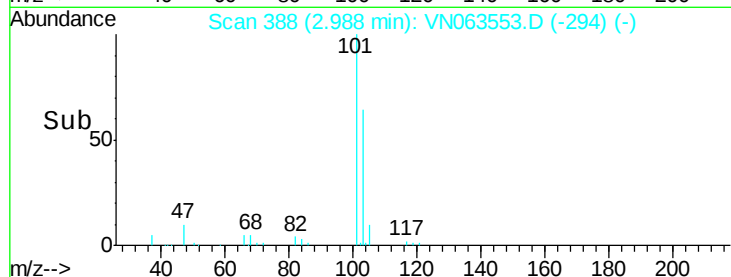
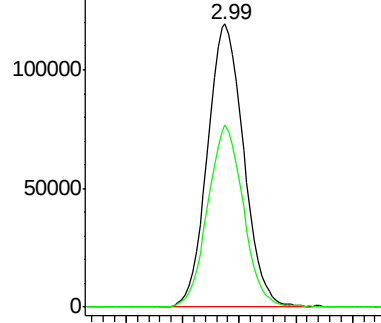
MMDadoda

9/23/2020 1:06:35 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.070 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063553.D

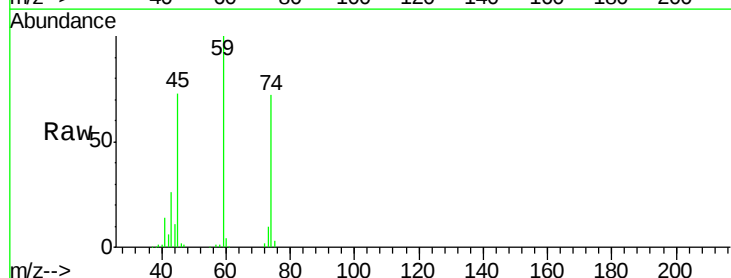
Acq: 22 Sep 2020 23:41

Tgt Ion: 74 Resp: 94137

Ion Ratio Lower Upper

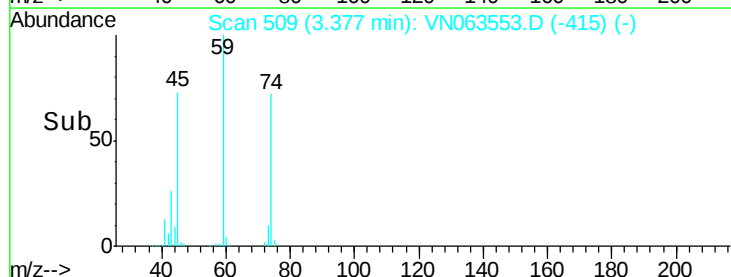
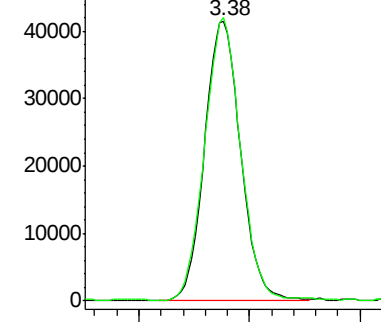
74 100

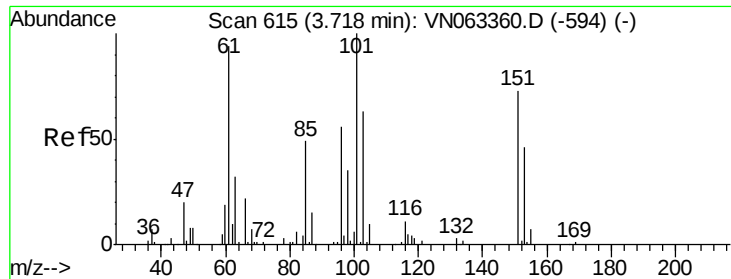
45 100.7 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.025 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063553.D

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MSVOA_N

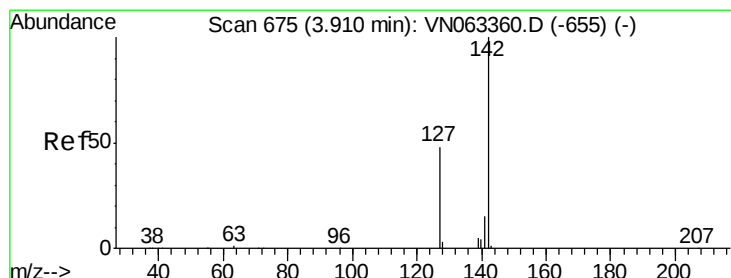
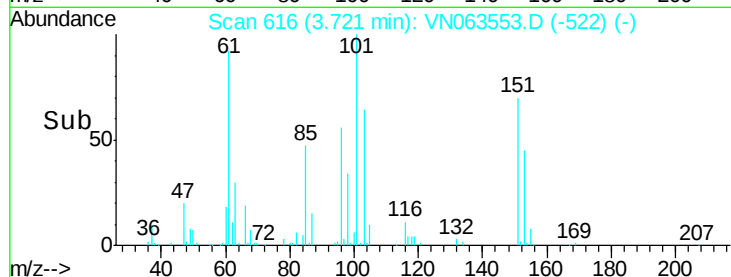
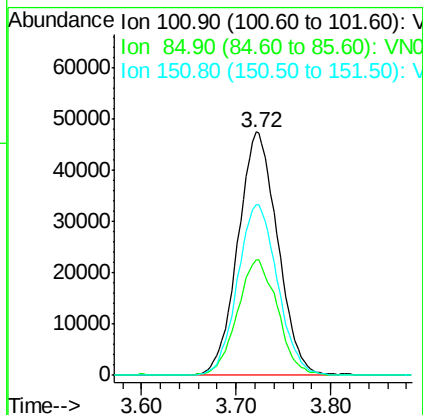
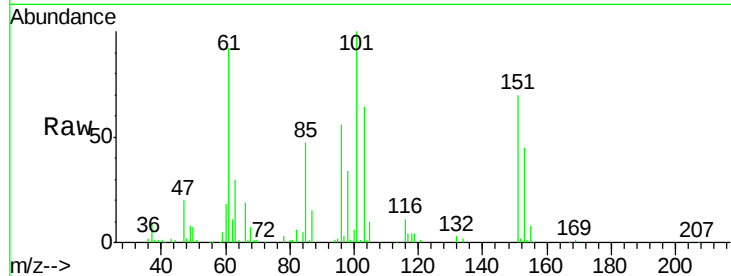
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138447
Ion Ratio	Lower	Upper	
101	100		
85	47.9	37.7	56.5
151	70.5	57.7	86.5

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#10

Methyl Iodide

Concen: 49.500 ug/l

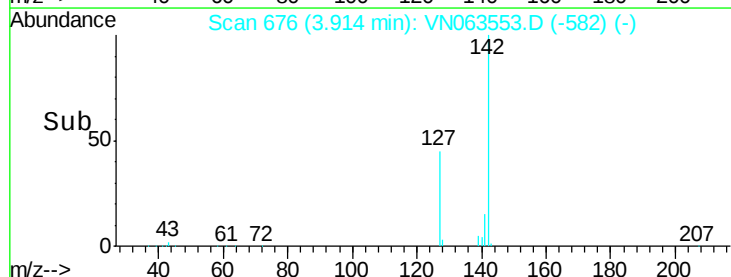
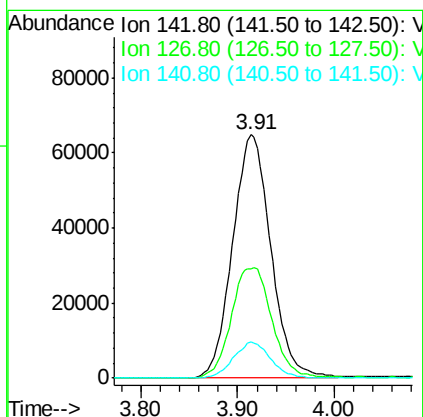
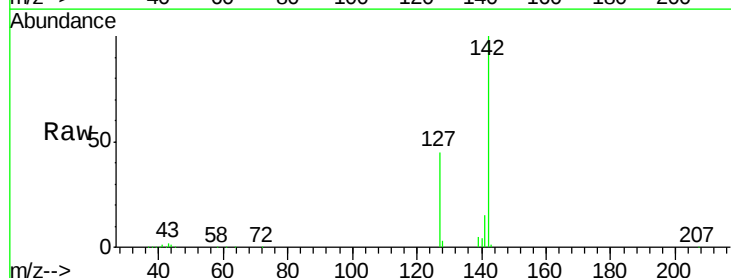
RT: 3.91 min Scan# 676

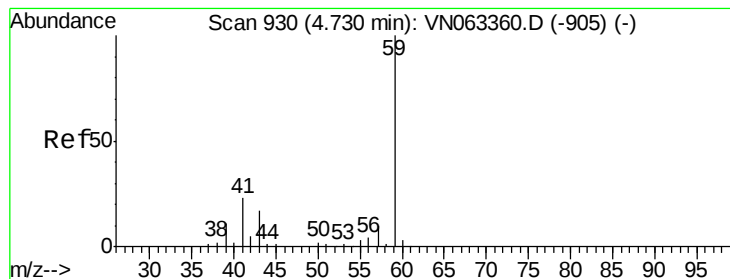
Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:	142	Resp:	178359
Ion Ratio	Lower	Upper	
142	100		
127	47.8	39.0	58.6
141	14.4	11.6	17.4





#11

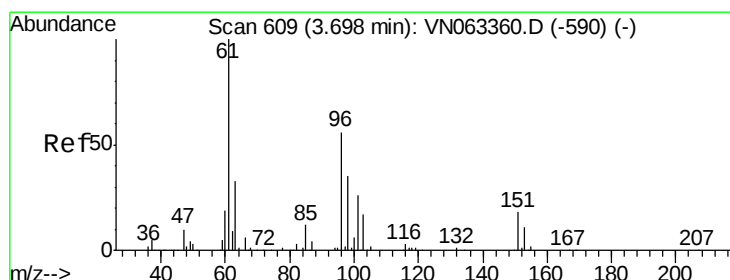
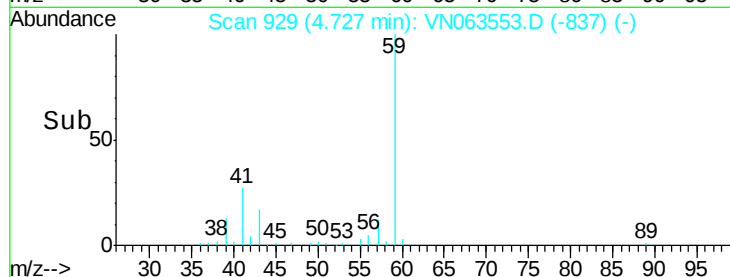
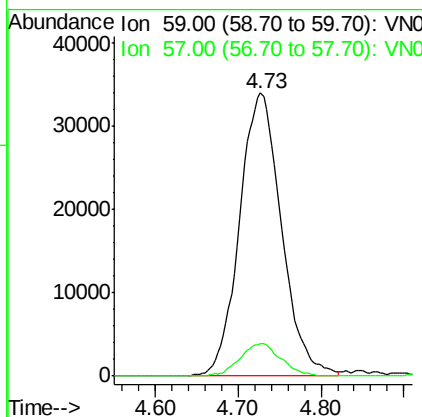
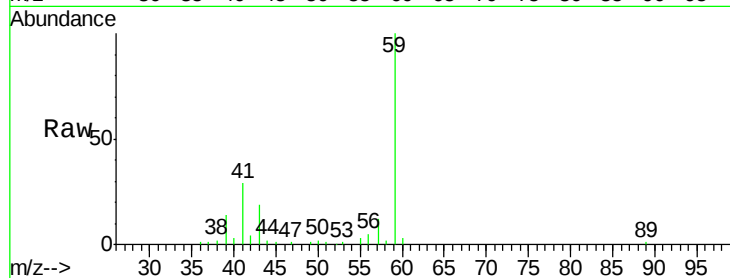
Tert butyl alcohol
 Concen: 204.191 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

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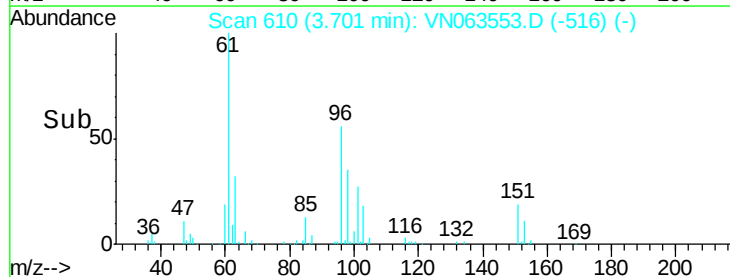
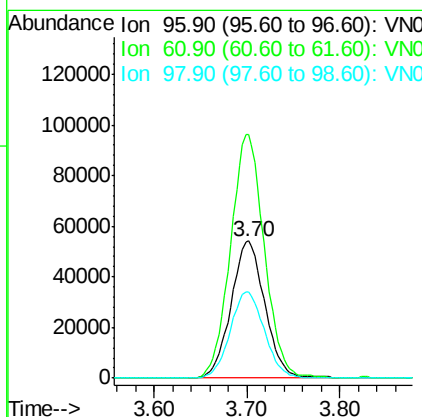
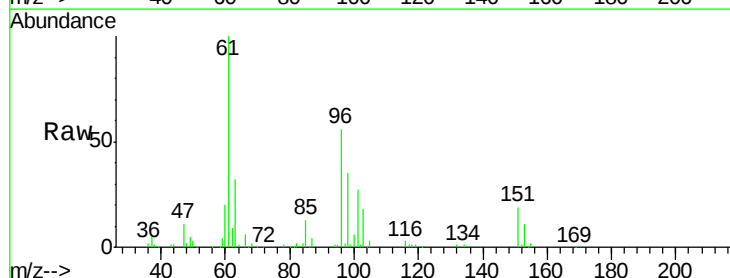
MMDadoda
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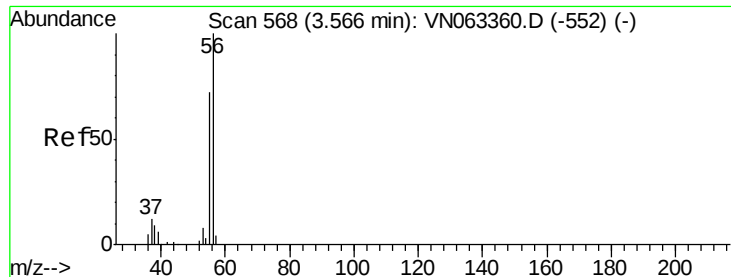


#12

1,1-Dichloroethene
 Concen: 48.967 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.6	143.4	215.2
98	62.9	50.6	76.0





#13

Acrolein

Concen: 255.939 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 55561

Ion Ratio Lower Upper

56 100

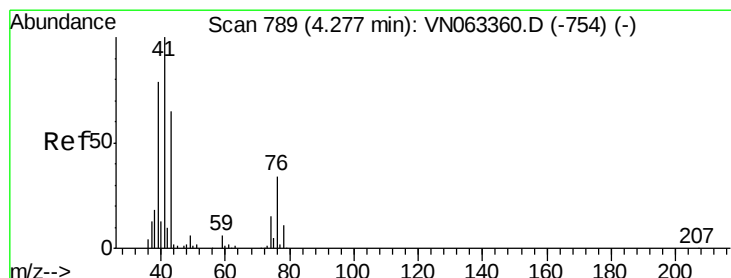
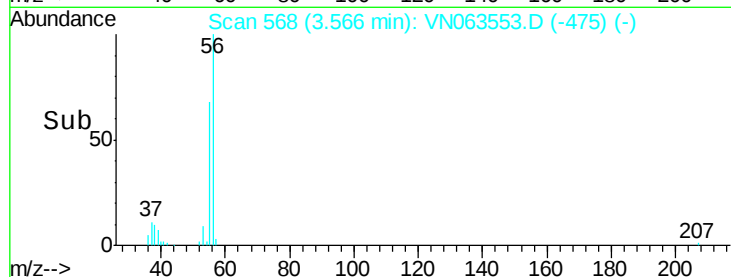
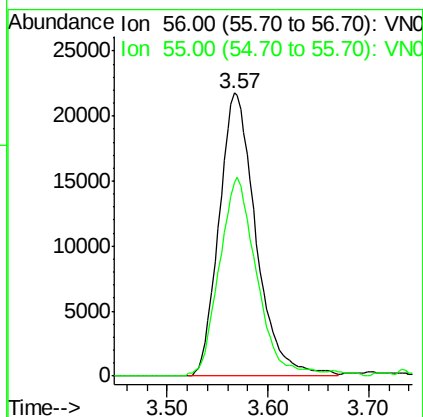
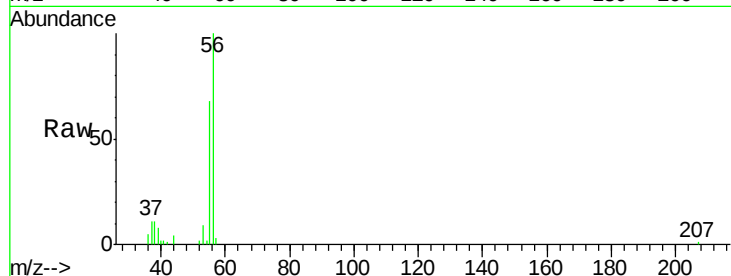
55 69.6 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.688 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

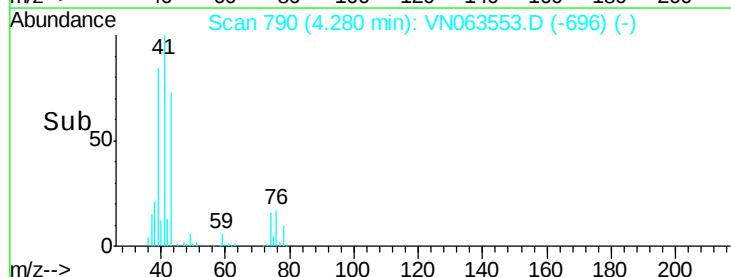
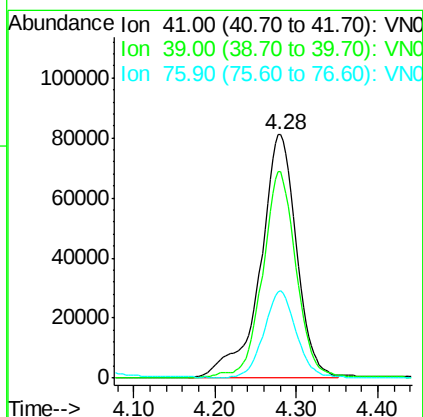
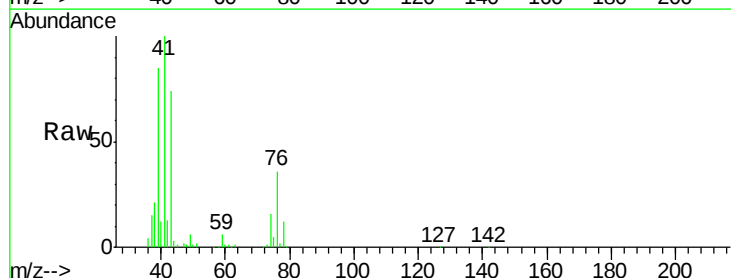
Tgt Ion: 41 Resp: 253331

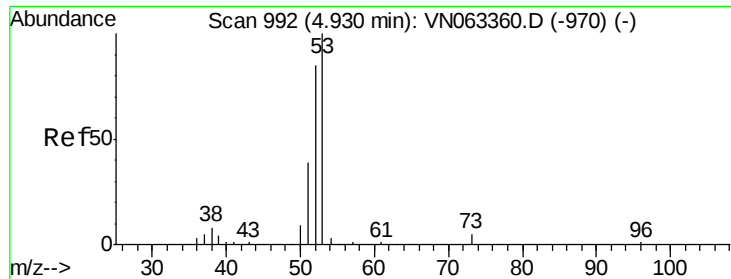
Ion Ratio Lower Upper

41 100

39 76.2 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 245.412 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

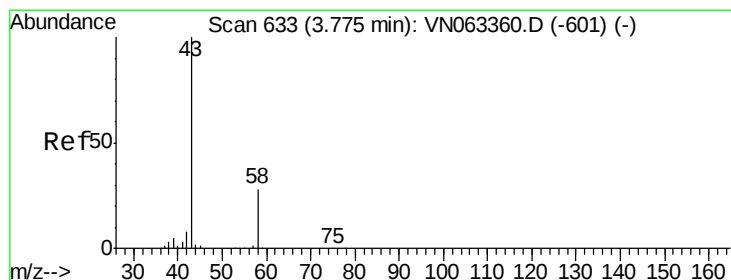
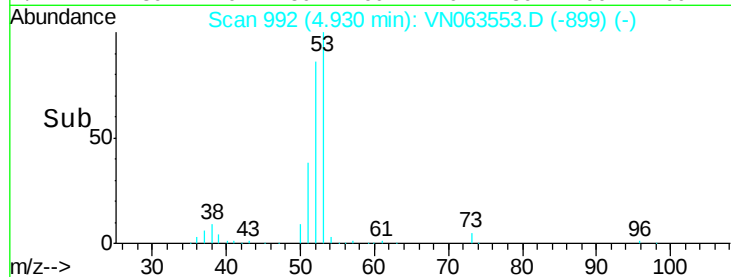
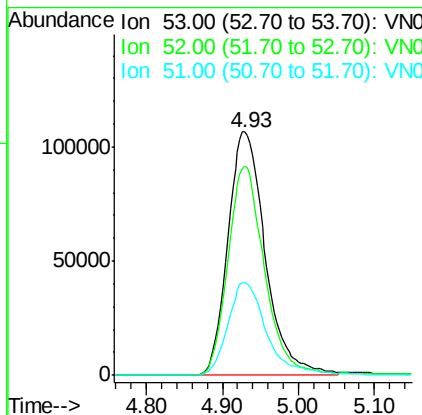
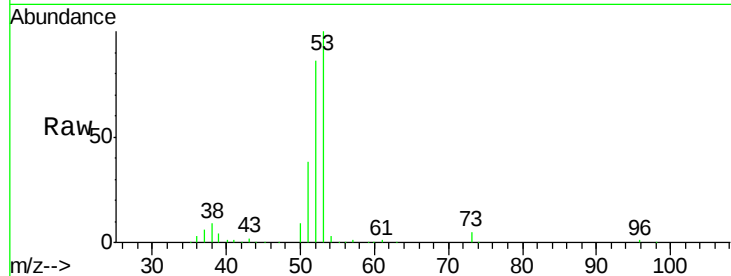
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	365679
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	39.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 241.176 ug/l

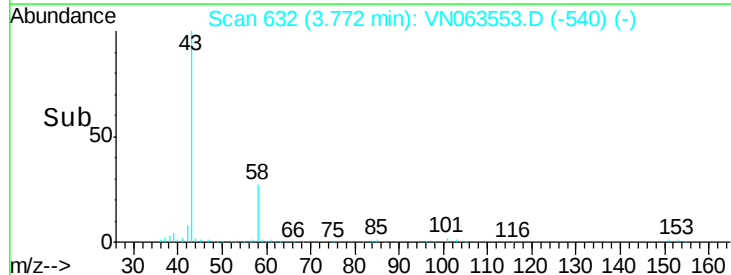
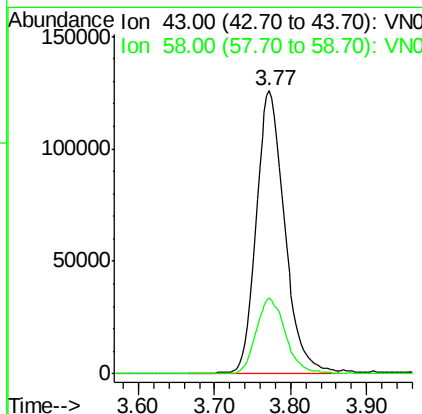
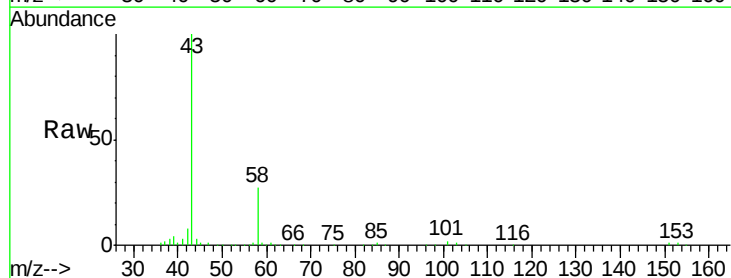
RT: 3.77 min Scan# 632

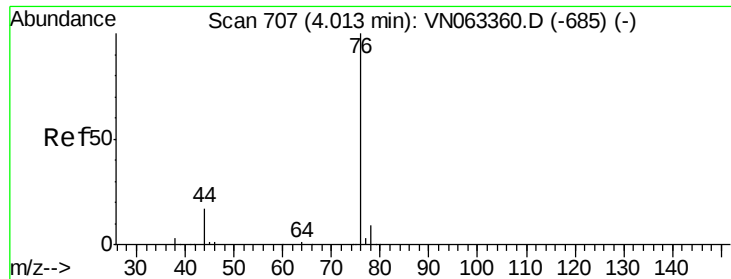
Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:	43	Resp:	327749
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.3	33.5





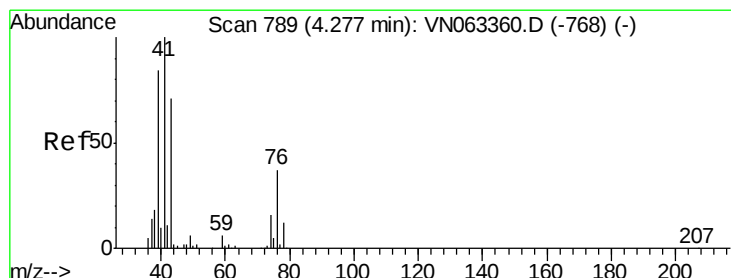
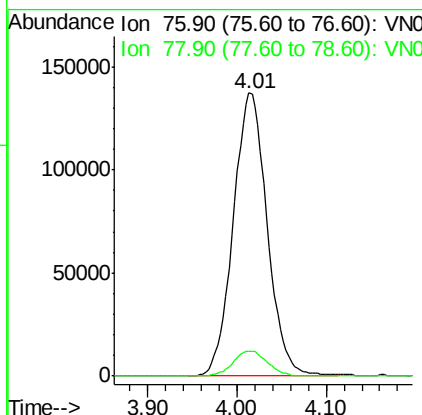
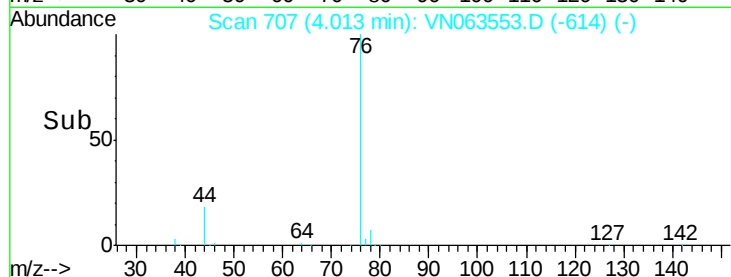
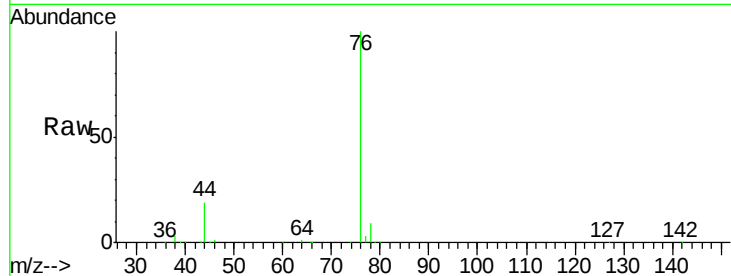
#17
Carbon Disulfide
Concen: 44.479 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

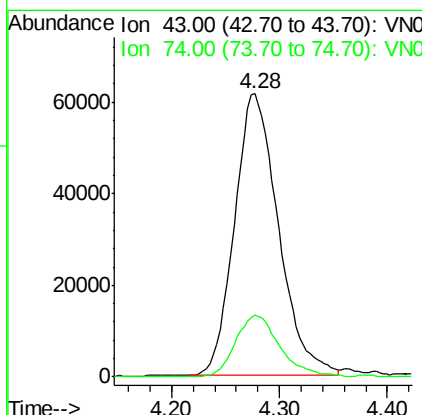
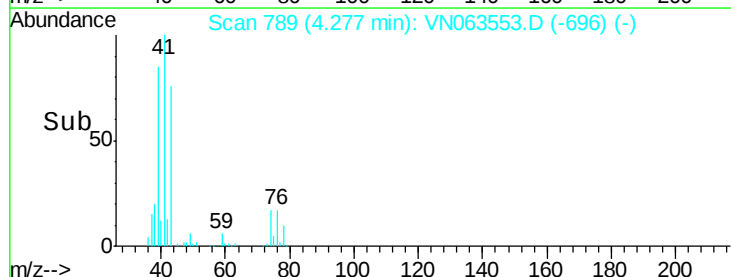
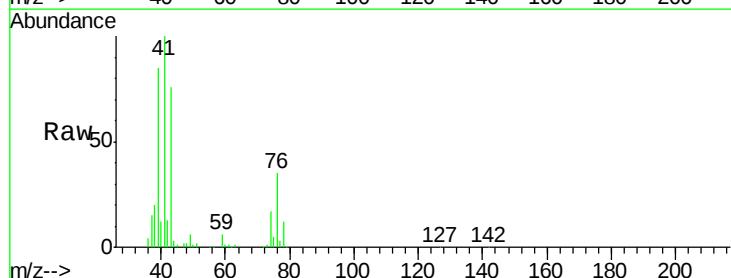
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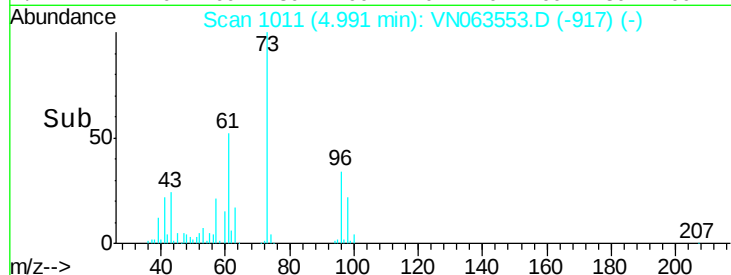
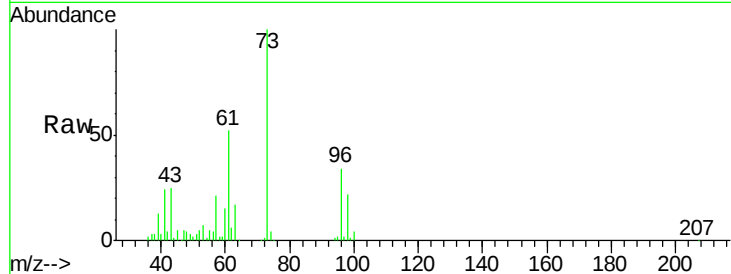
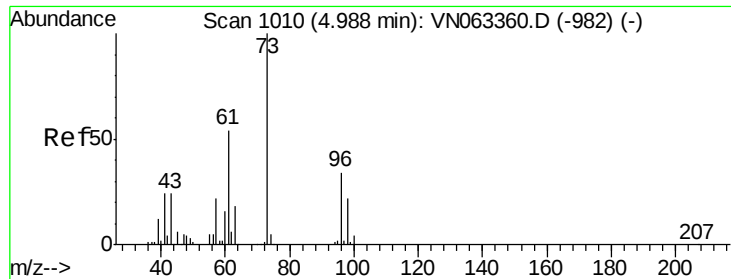
MMDadoda
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#18
Methyl Acetate
Concen: 50.572 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2





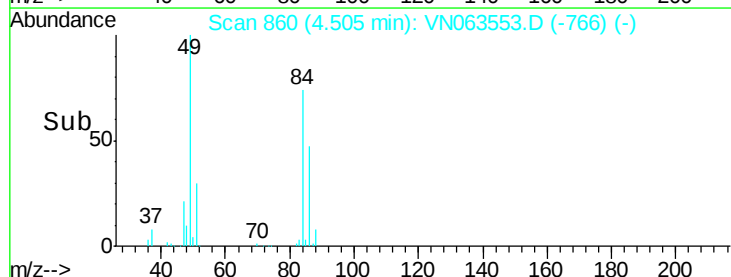
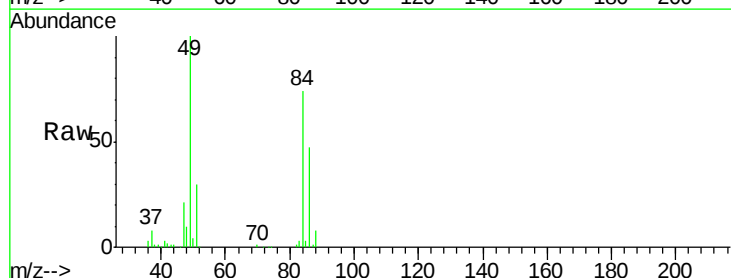
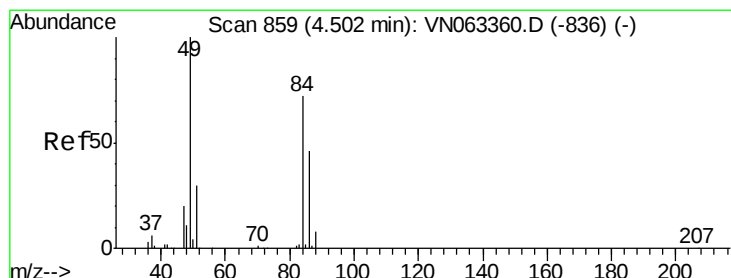
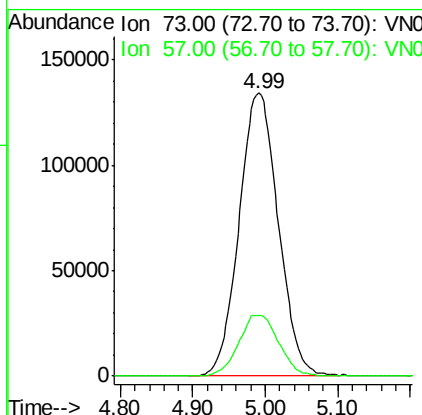
#19
Methvl tert-butvl Ether
Concen: 48.243 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tot Ion: 73 Resp: 504029
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

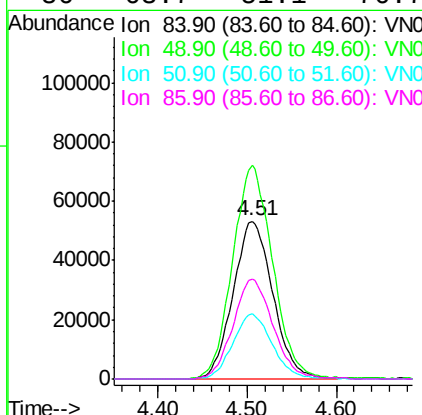
Manual Integrations
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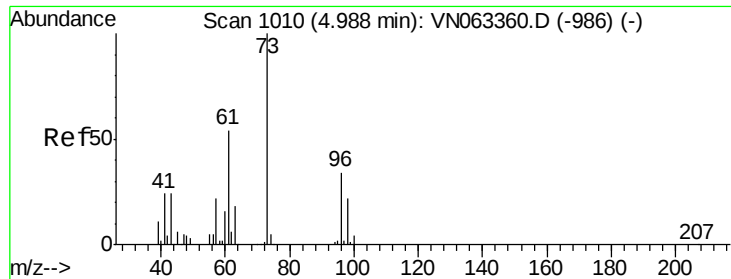
MMDadoda
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#20
Methylene Chloride
Concen: 47.787 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 84 Resp: 164534
Ion Ratio Lower Upper
84 100
49 135.6 110.7 166.1
51 41.2 32.9 49.3
86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.847 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

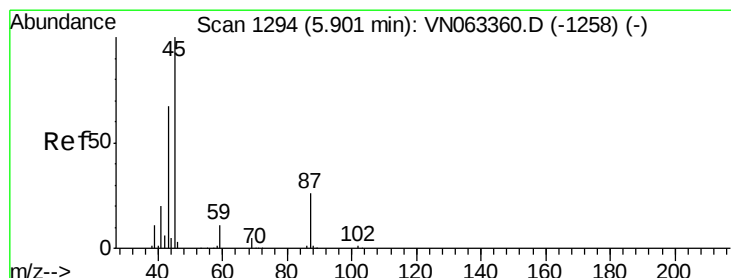
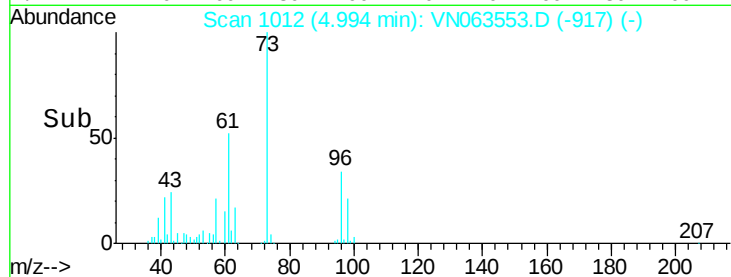
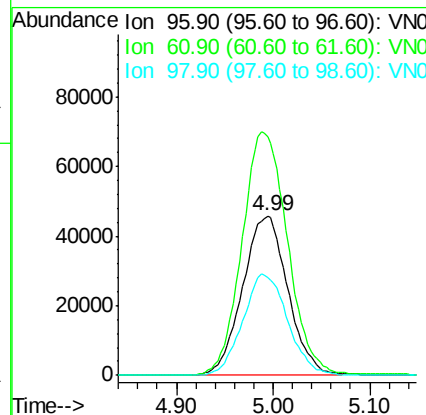
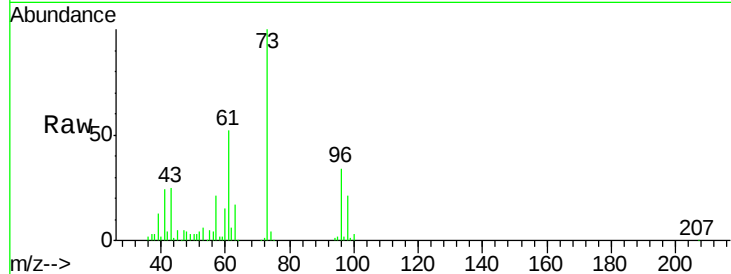
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	148600
Ion	Ratio	Lower	Upper
96	100		
61	150.0	126.2	189.4
98	61.4	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.601 ug/l

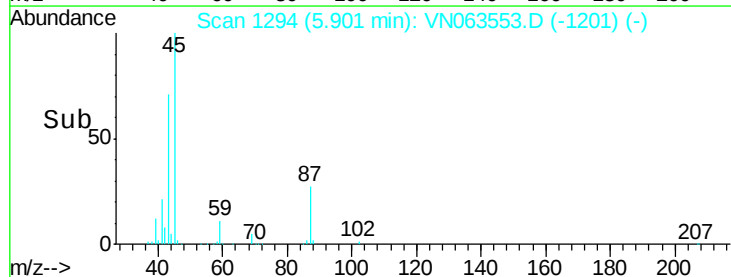
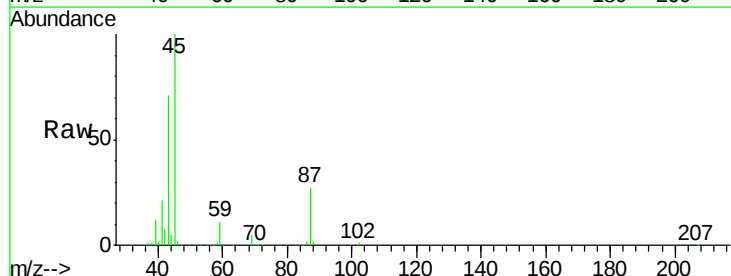
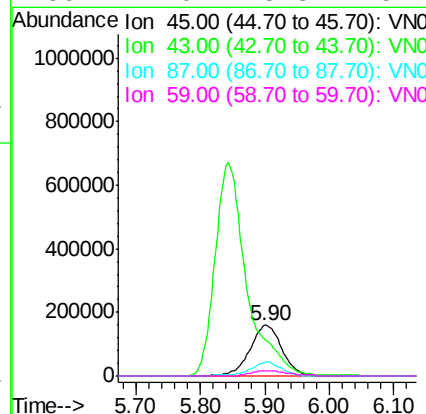
RT: 5.90 min Scan# 1294

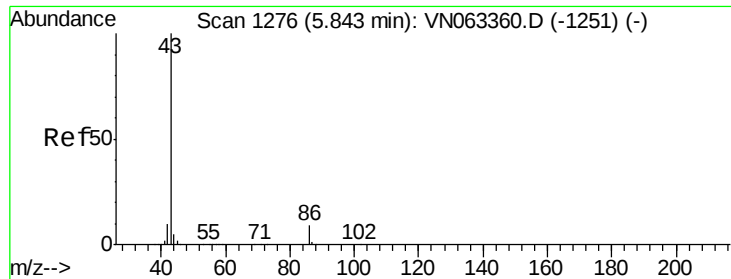
Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:	45	Resp:	549605
Ion	Ratio	Lower	Upper
45	100		
43	69.8	53.5	80.3
87	26.7	21.2	31.8
59	11.0	8.8	13.2





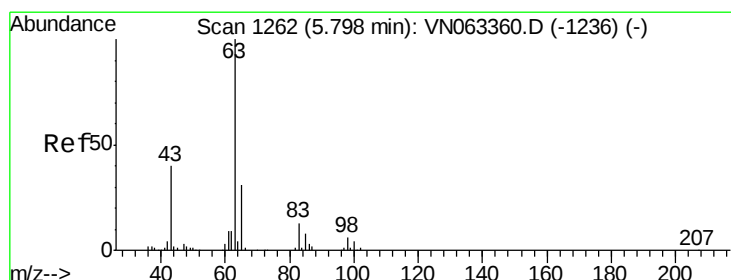
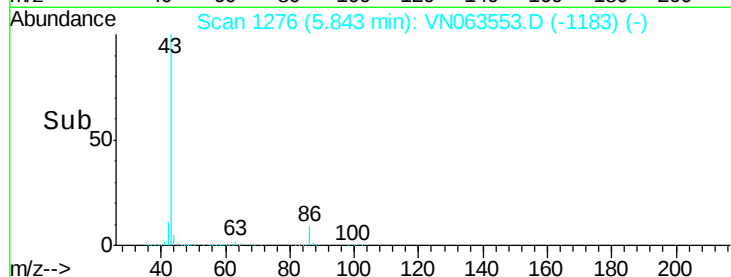
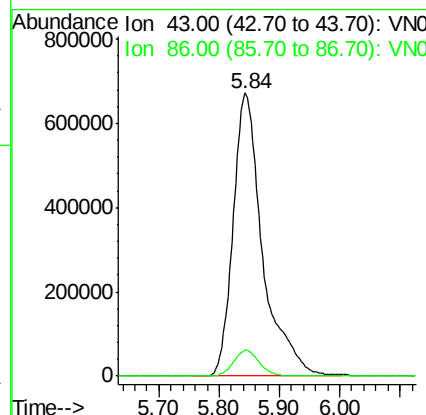
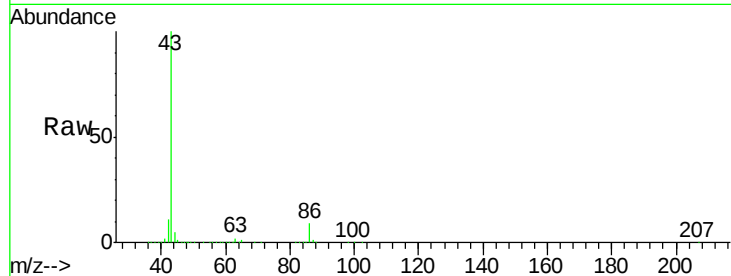
#23
 Vinyl Acetate
 Concen: 247.271 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2296481
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7

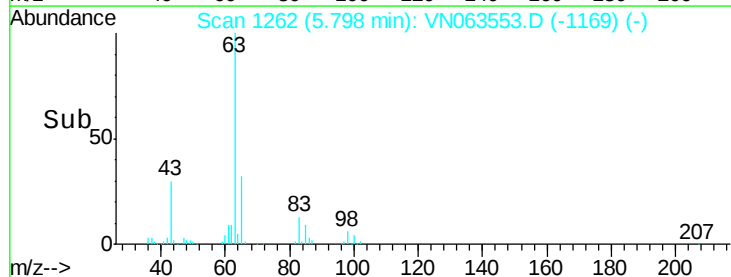
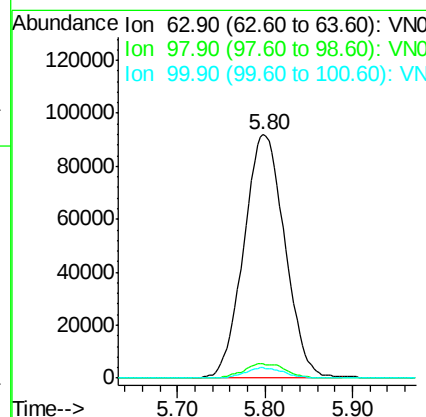
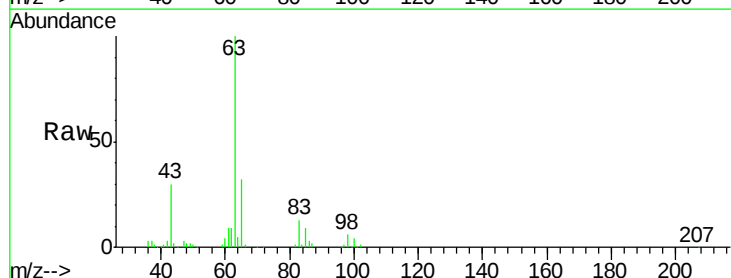
Manual Integrations
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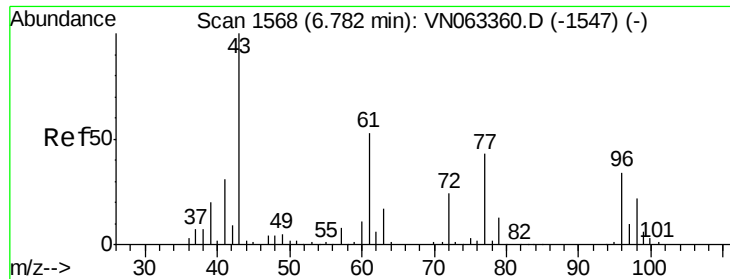
MMDadoda
 9/23/2020 1:06:35 PM



#24
 1,1-Dichloroethane
 Concen: 48.506 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion: 63 Resp: 299474
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 239.003 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 499529

Ion Ratio Lower Upper

43 100

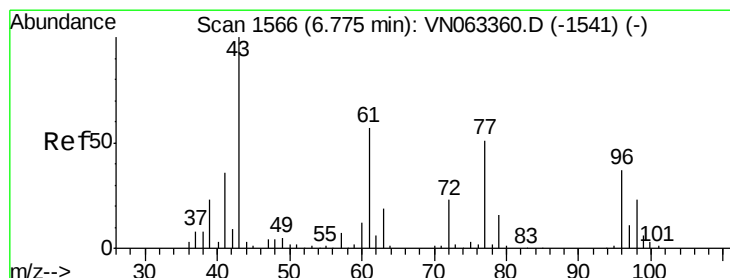
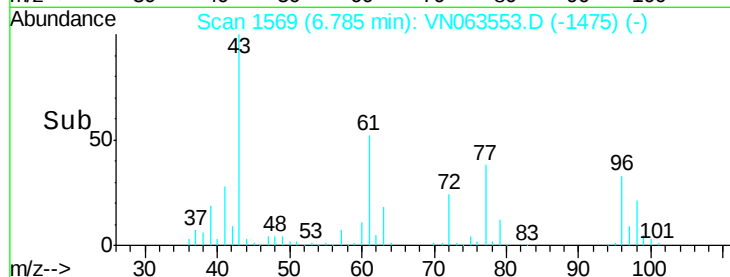
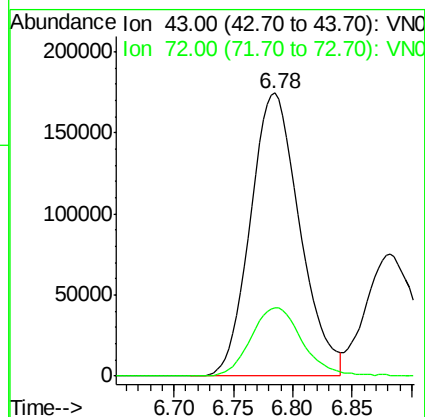
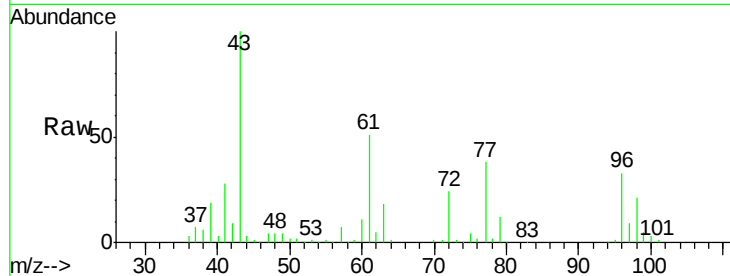
72 24.2 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.233 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063553.D

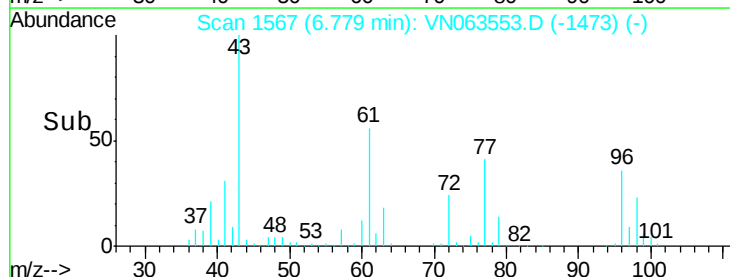
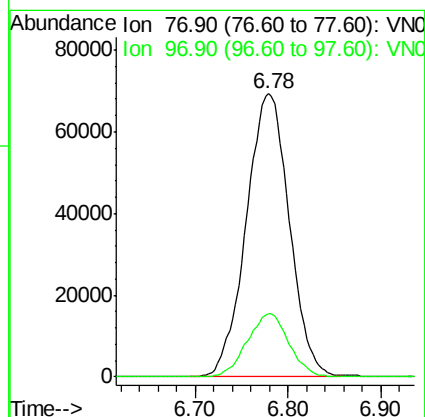
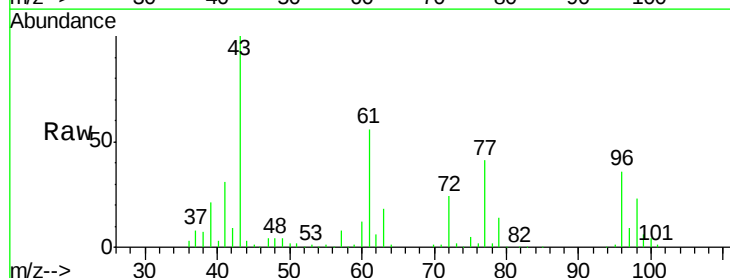
Acq: 22 Sep 2020 23:41

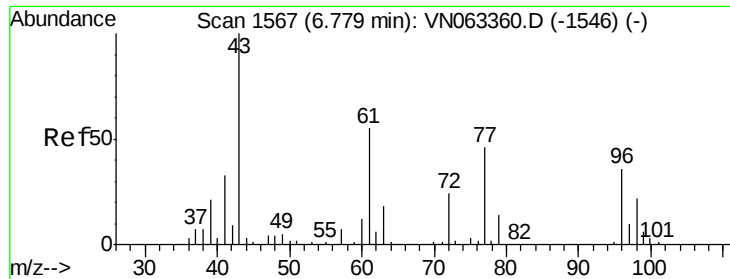
Tgt Ion: 77 Resp: 224135

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





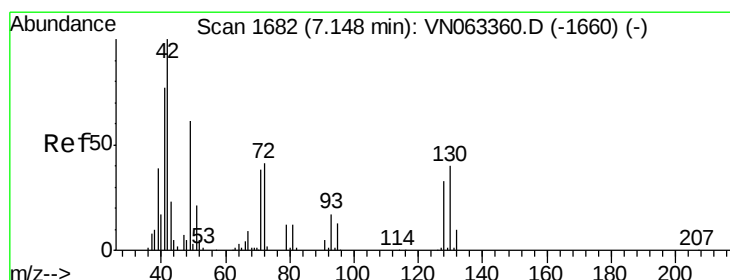
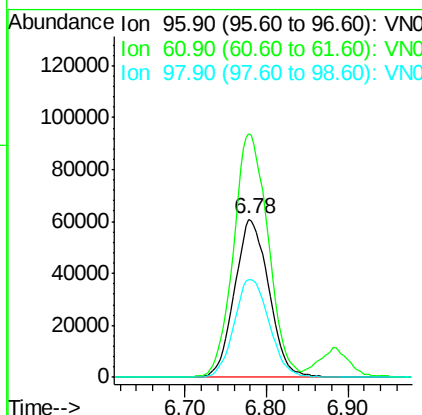
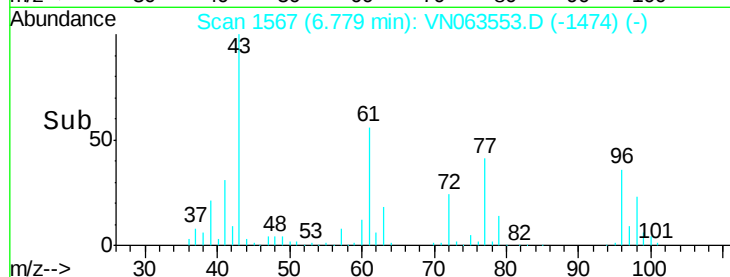
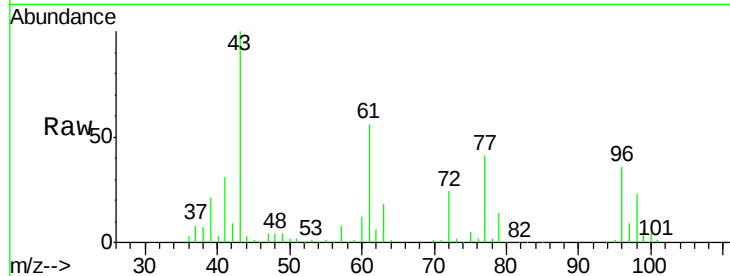
#27
 cis-1,2-Dichloroethene
 Concen: 50.622 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	177949		
61	155.3	0.0	319.6	
98	63.0	0.0	127.8	

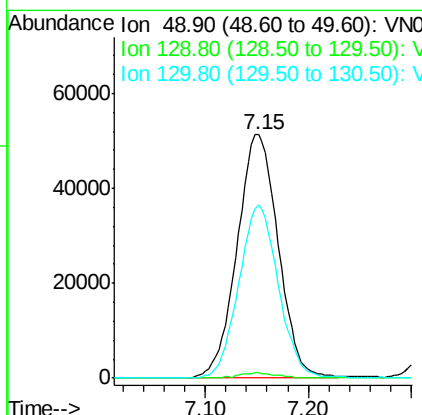
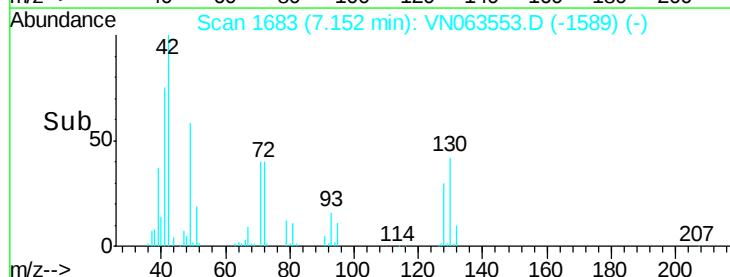
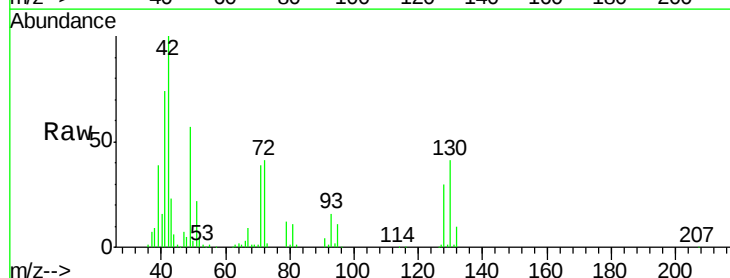
Manual Integrations
 APPROVED

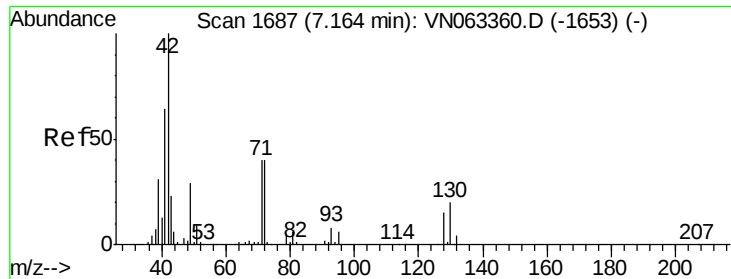
MMDadoda
 9/23/2020 1:06:35 PM



#28
 Bromochloromethane
 Concen: 49.997 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	142524		
129	2.0	0.0	3.8	
130	68.4	52.2	78.2	





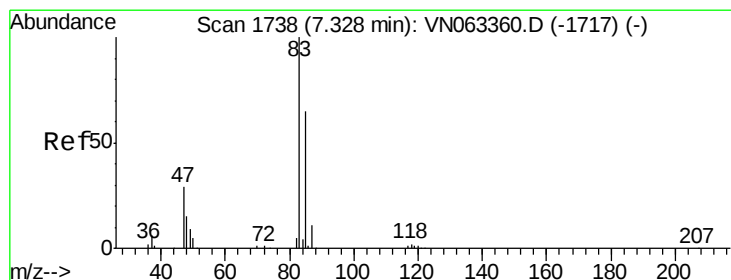
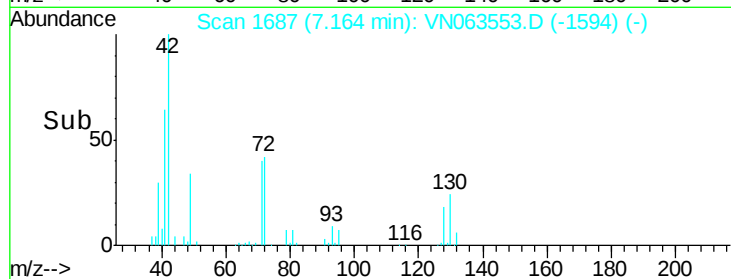
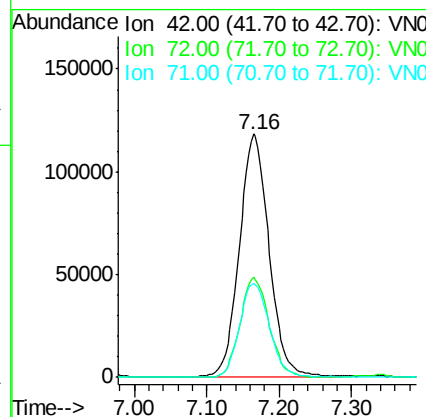
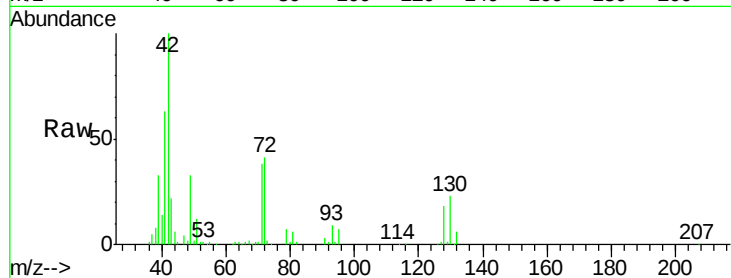
#29
Tetrahydrofuran
Concen: 235.789 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.1	48.1
71	38.9	31.2	46.8

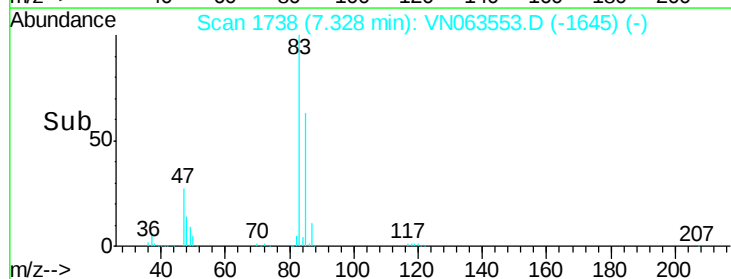
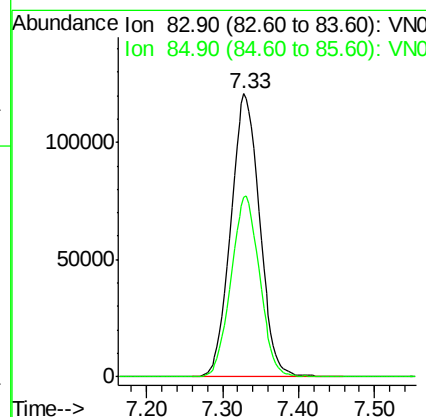
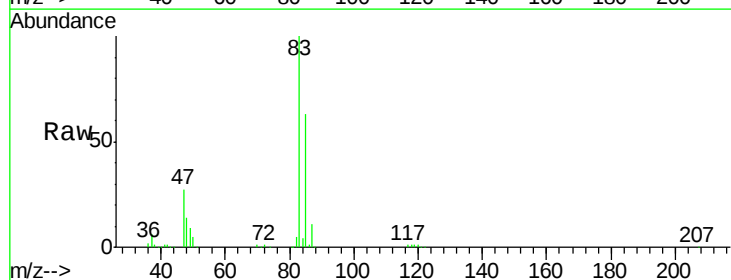
Manual Integrations
APPROVED

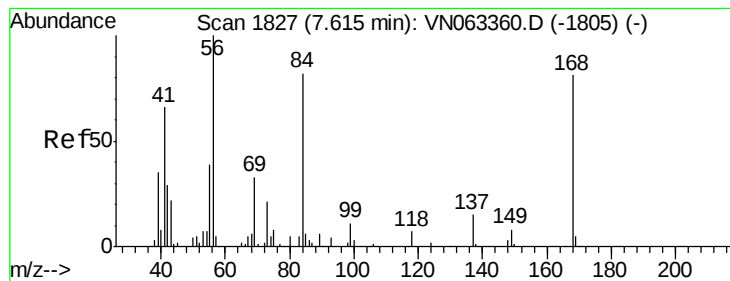
MMDadoda
9/23/2020 1:06:35 PM



#30
Chloroform
Concen: 51.558 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.1	78.1





#31

Cyclohexane

Concen: 42.652 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 249085

Ion Ratio Lower Upper

56 100

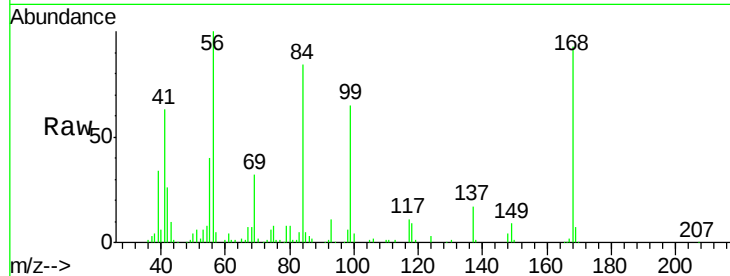
69 32.2 26.1 39.1

84 82.5 65.4 98.2

Manual Integrations
APPROVED

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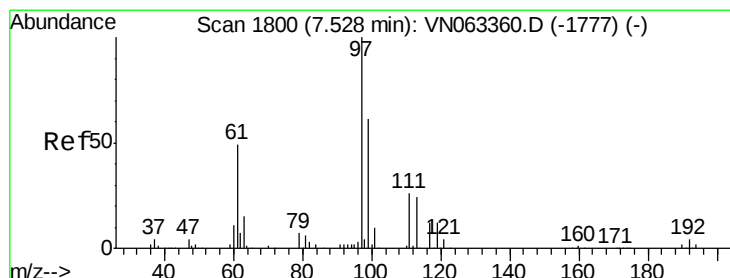
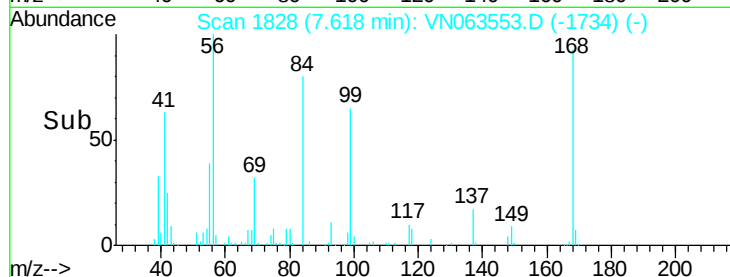
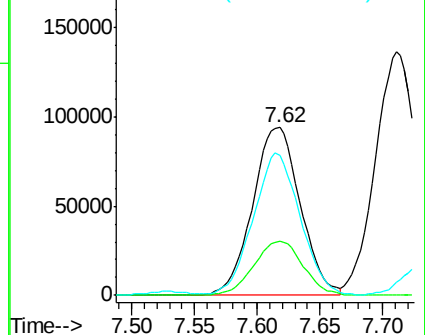
9/23/2020 1:06:35 PM



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063360.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 50.627 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

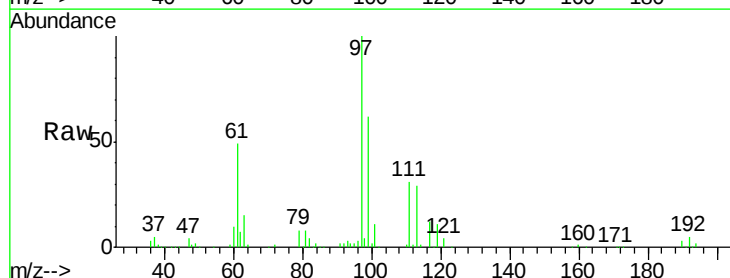
Tgt Ion: 97 Resp: 278922

Ion Ratio Lower Upper

97 100

99 63.1 50.6 76.0

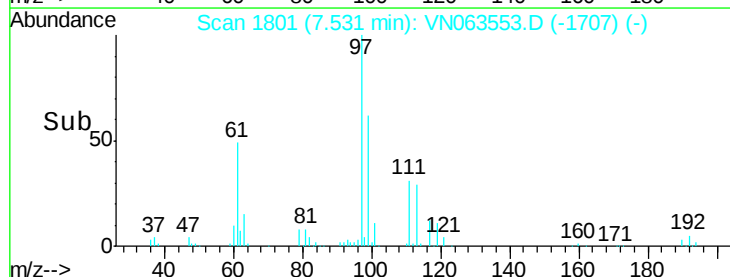
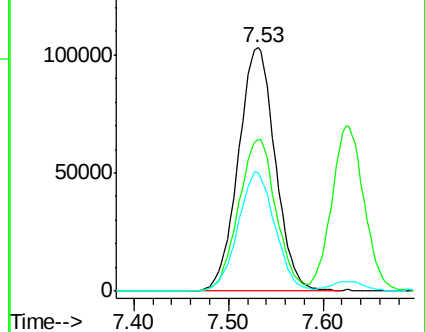
61 48.9 39.2 58.8

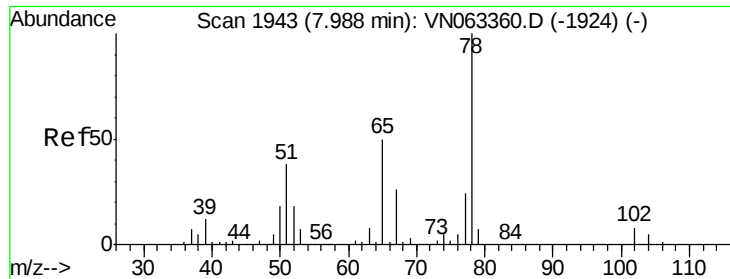


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1777) (-)





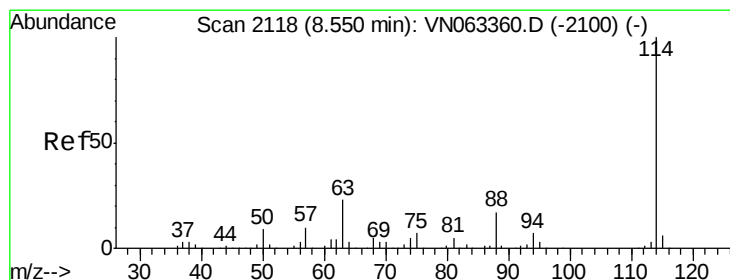
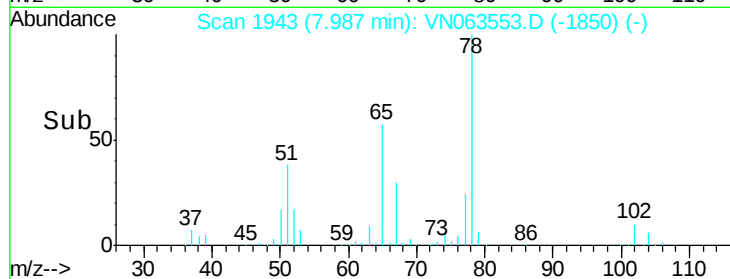
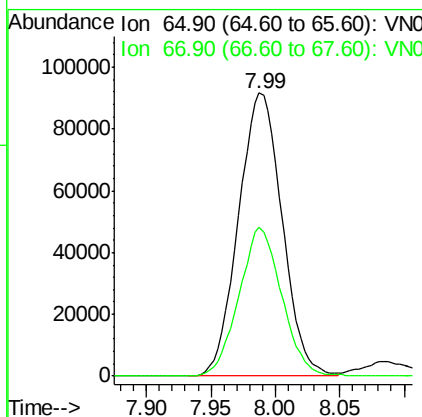
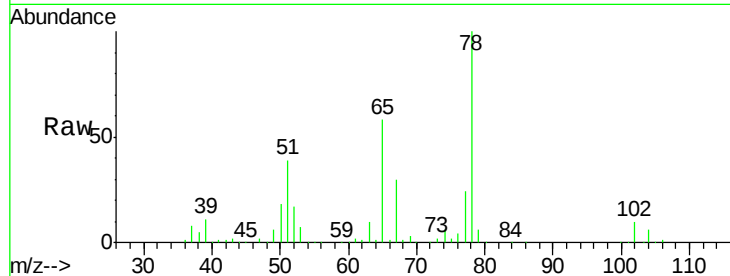
#33
 1,2-Dichloroethane-d4
 Concen: 51.153 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216299		
67	51.6	0.0	104.2	

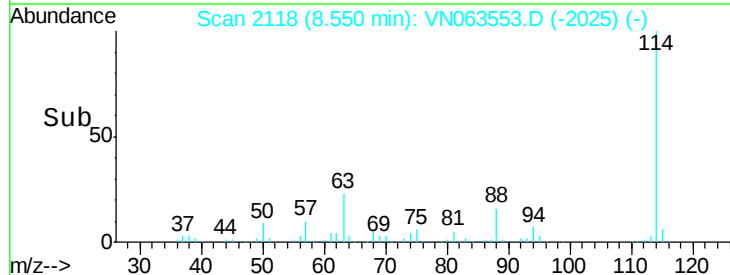
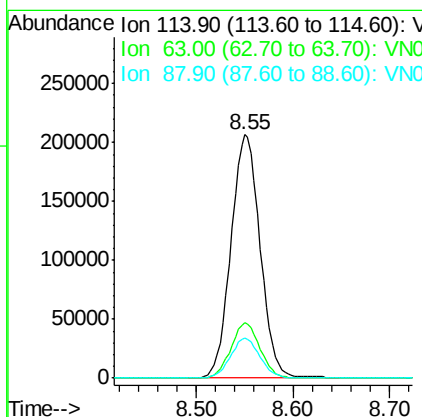
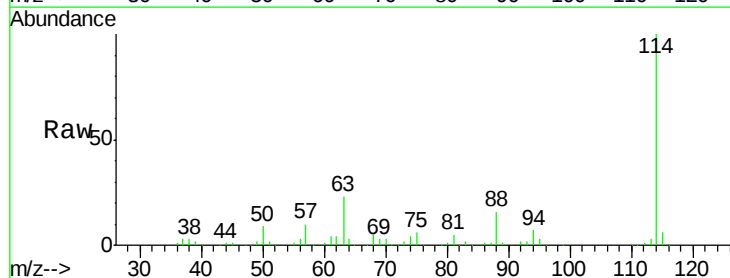
Manual Integrations
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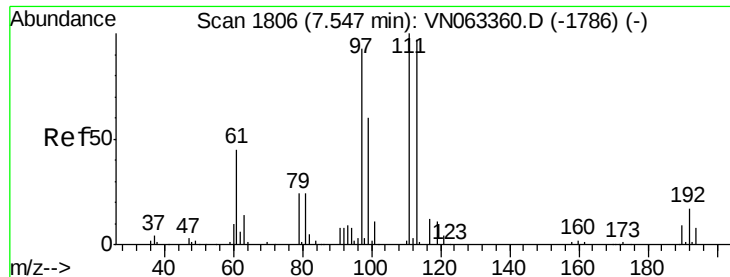
MMDadoda
 9/23/2020 1:06:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432614		
63	22.8	0.0	46.4	
88	16.4	0.0	33.2	





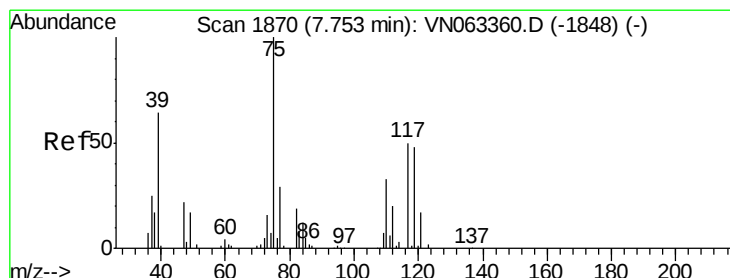
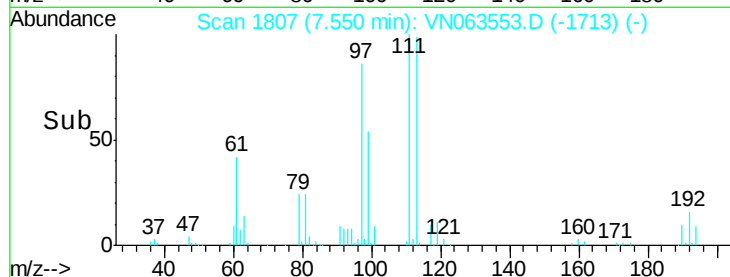
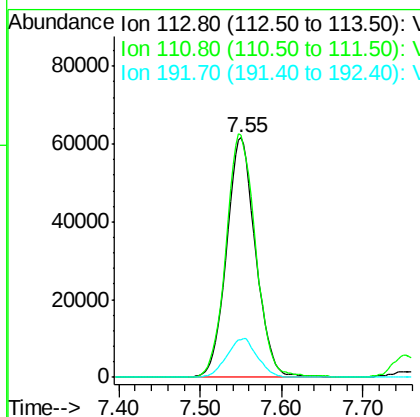
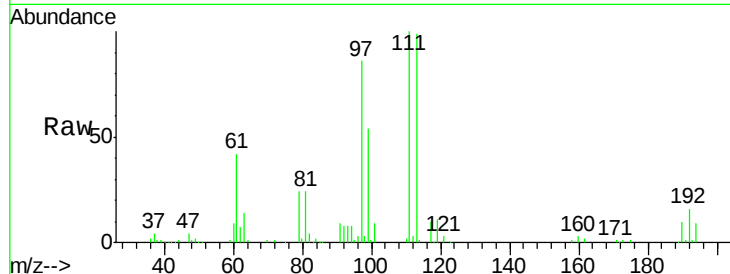
#35
 Dibromofluoromethane
 Concen: 51.300 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.6	82.9	124.3	
192	17.0	13.9	20.9	

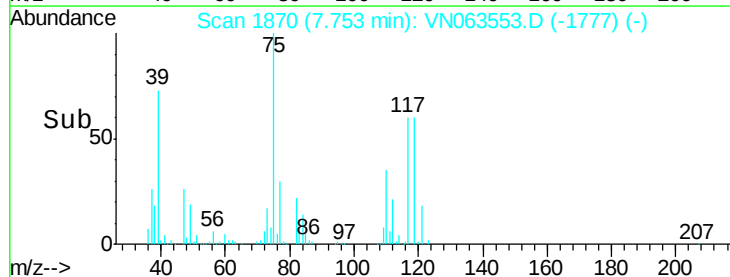
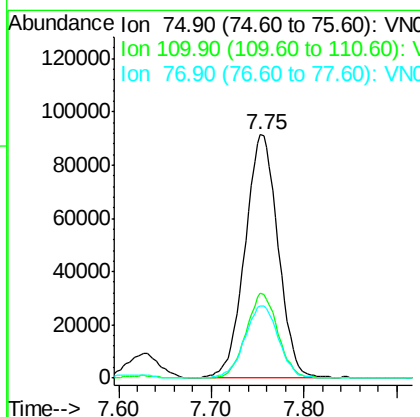
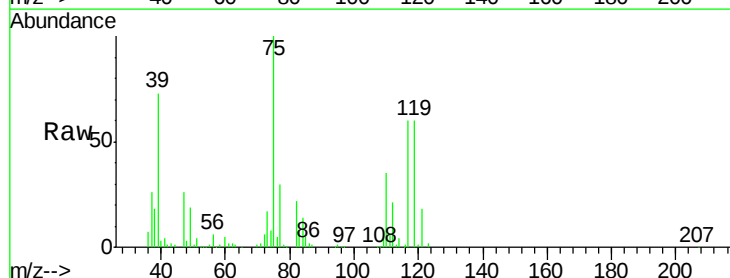
Manual Integrations
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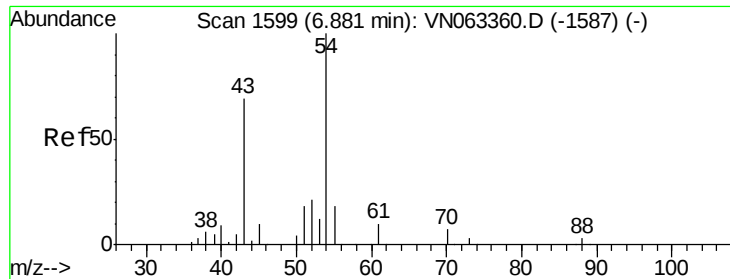
MMDadoda
 9/23/2020 1:06:35 PM



#36
 1,1-Dichloropropene
 Concen: 48.832 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.4	16.5	49.5	
77	30.6	24.6	36.8	





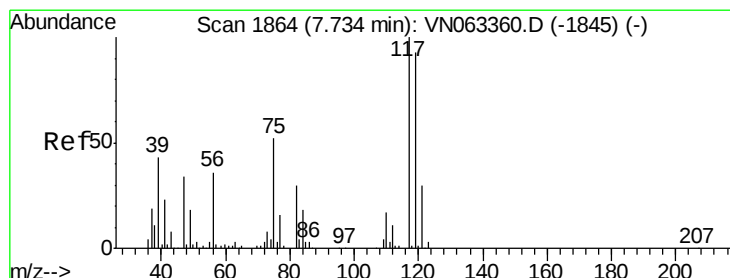
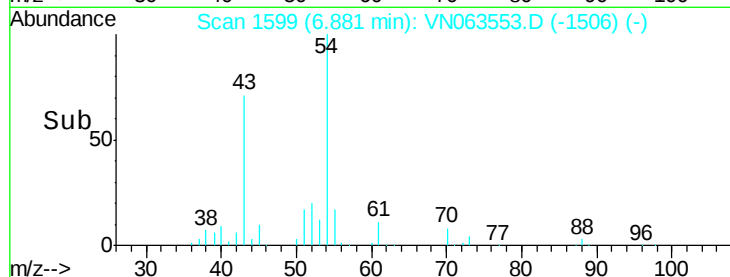
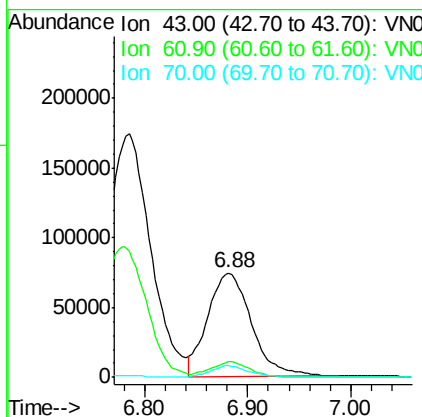
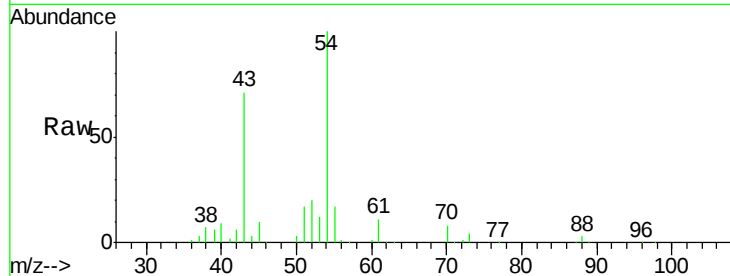
#37
Ethyl Acetate
Concen: 48.313 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	15.8
70	9.8	7.2	10.8

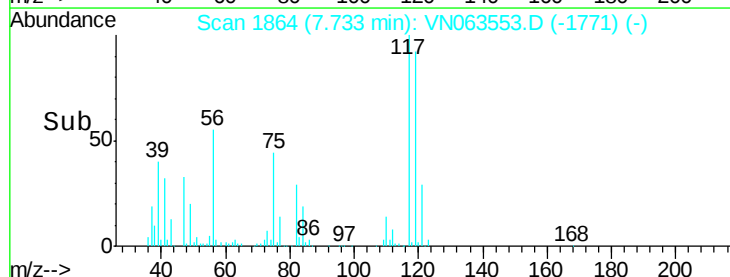
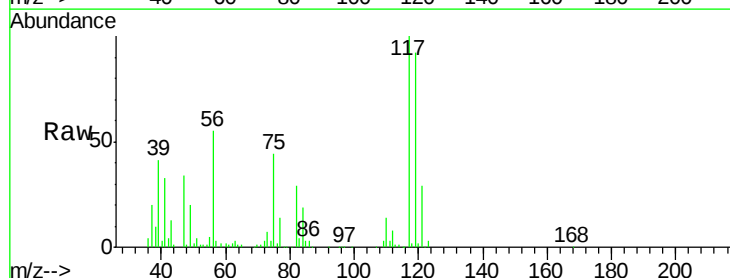
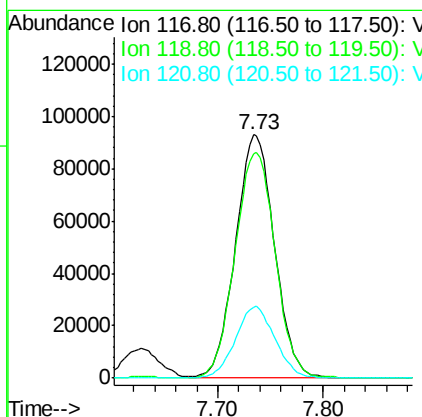
Manual Integrations
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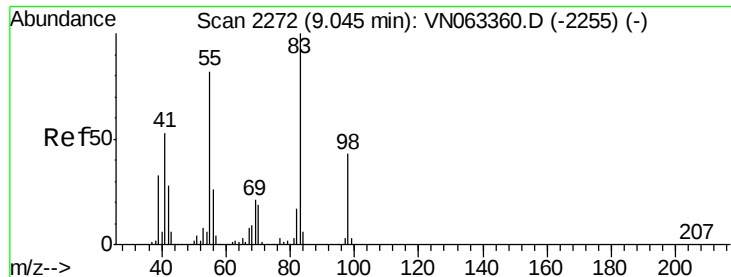
MMDadoda
9/23/2020 1:06:35 PM



#38
Carbon Tetrachloride
Concen: 50.418 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.5	111.7
121	29.3	24.1	36.1





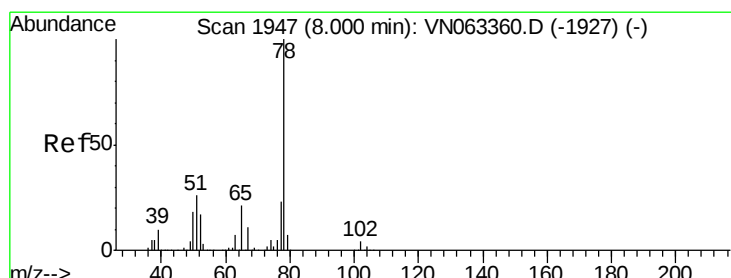
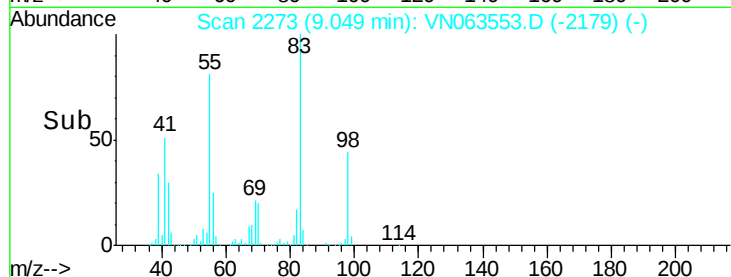
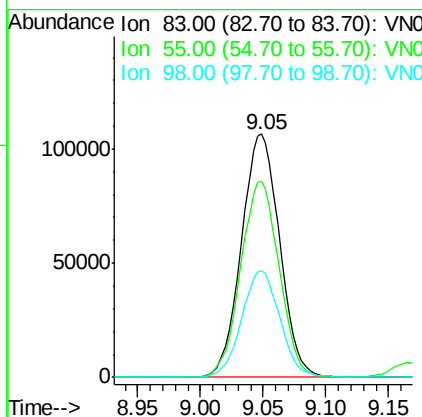
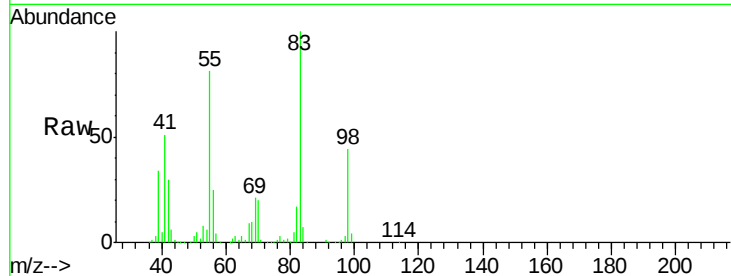
#39
Methvlcvclohexane
Concen: 45.131 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.5	98.3
98	44.1	34.2	51.4

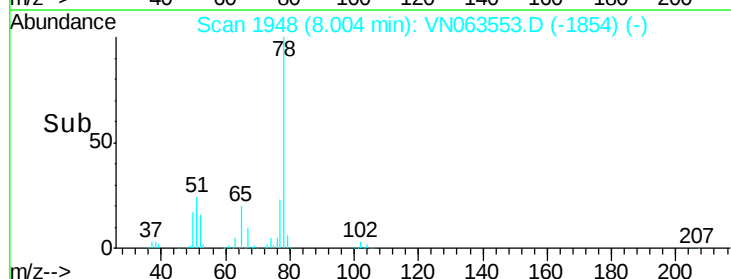
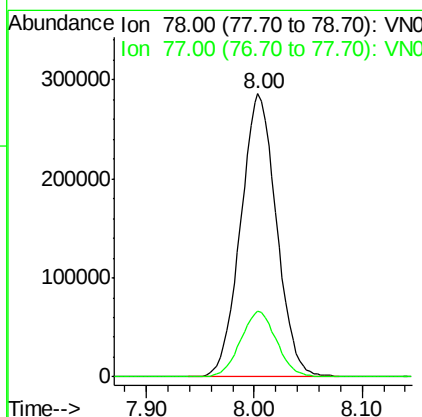
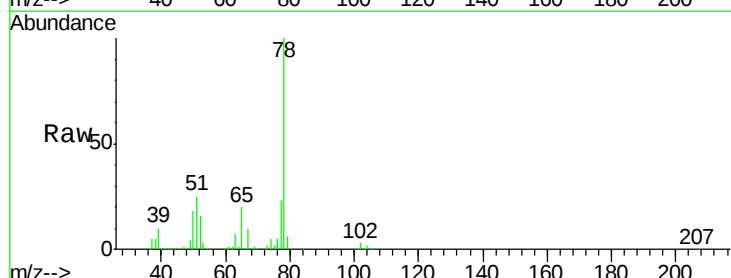
Manual Integrations
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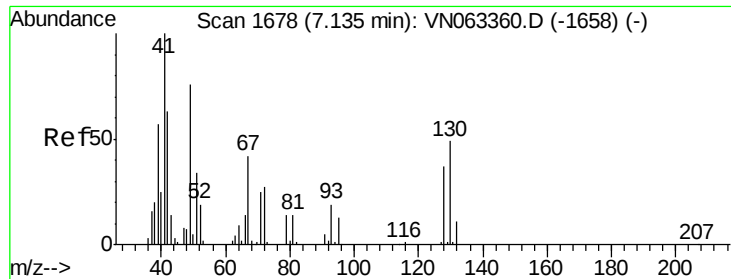
MMDadoda
9/23/2020 1:06:35 PM



#40
Benzene
Concen: 50.133 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5





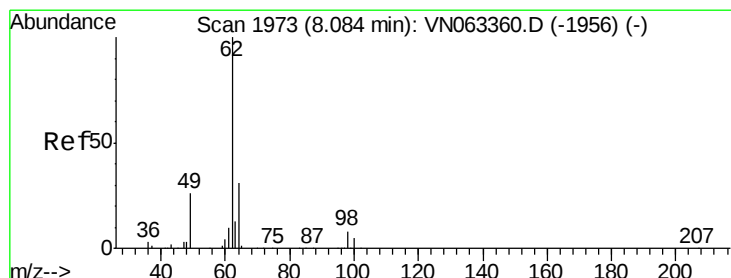
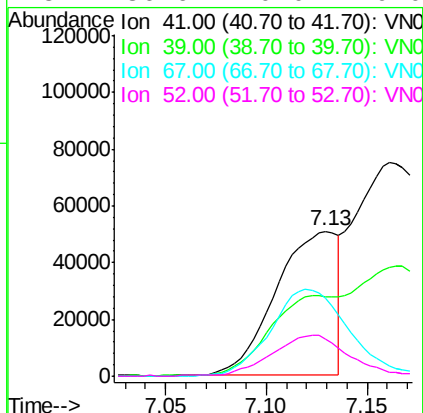
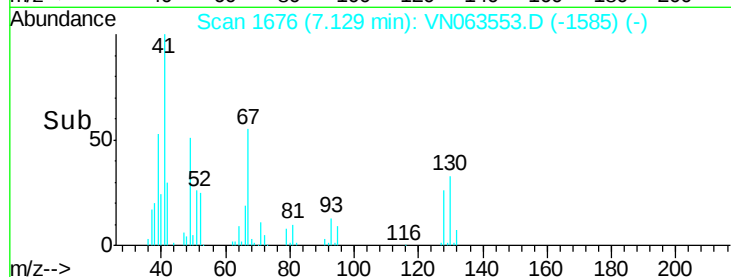
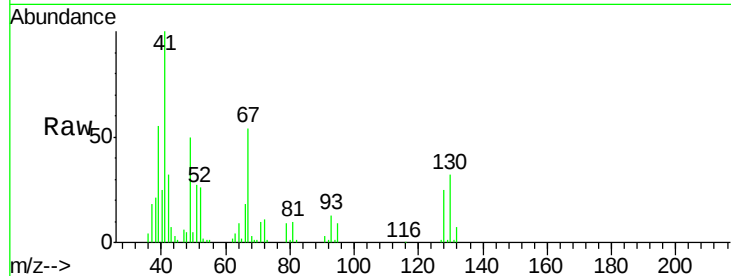
#41
Methacrylonitrile
Concen: 53.177 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.6	0.0	0.0#		
67	76.4	0.0	0.0#		
52	36.6	0.0	0.0#		

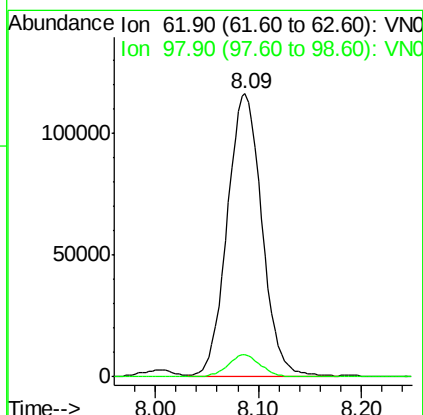
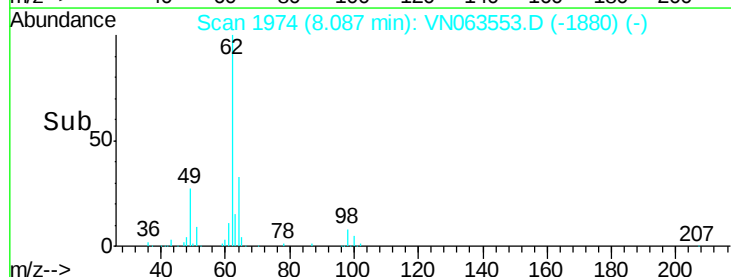
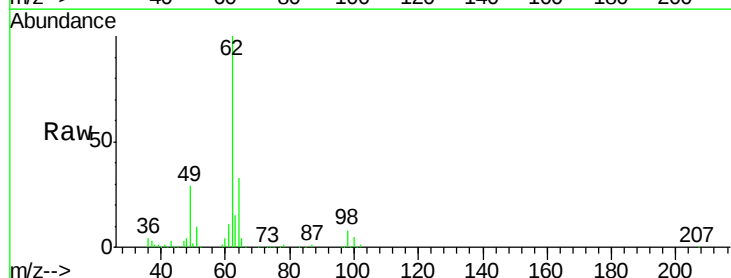
Manual Integrations
APPROVED

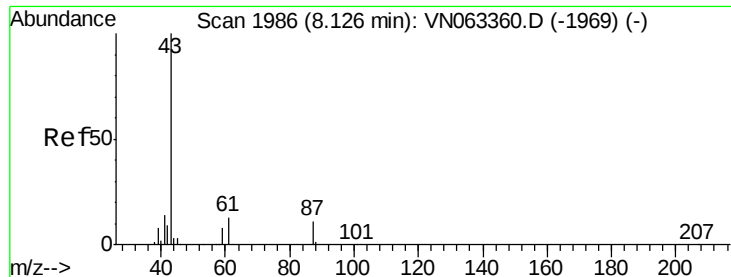
MMDadoda
9/23/2020 1:06:35 PM



#42
1,2-Dichloroethane
Concen: 51.149 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	7.5	0.0	15.6		





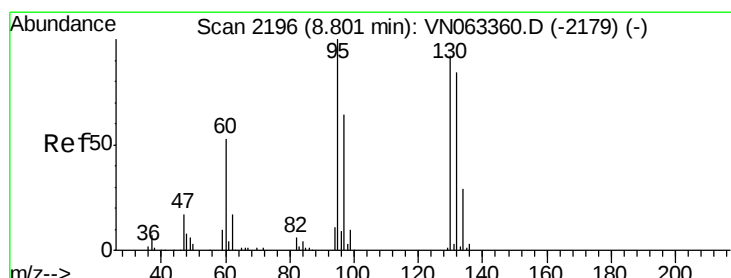
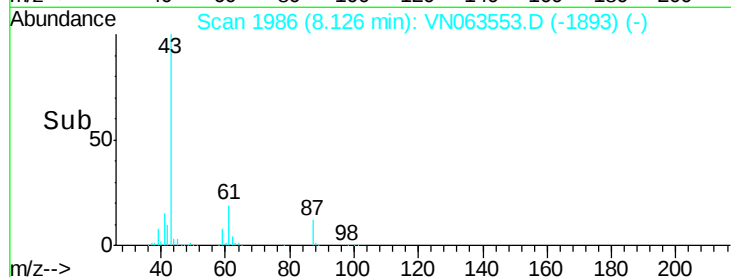
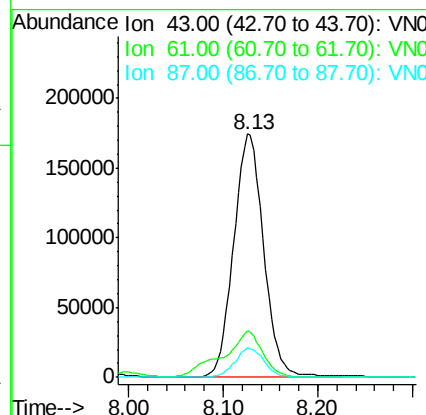
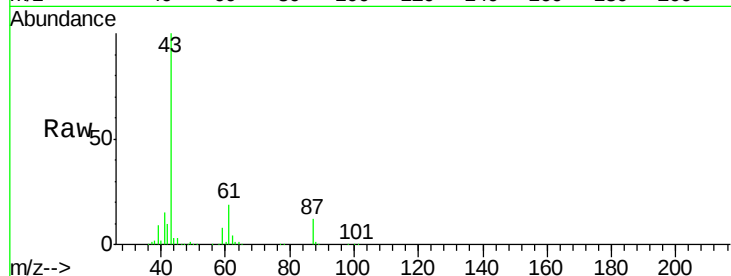
#43
Isopropyl Acetate
Concen: 47.301 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.1	14.2	21.2#
87	11.7	9.0	13.6

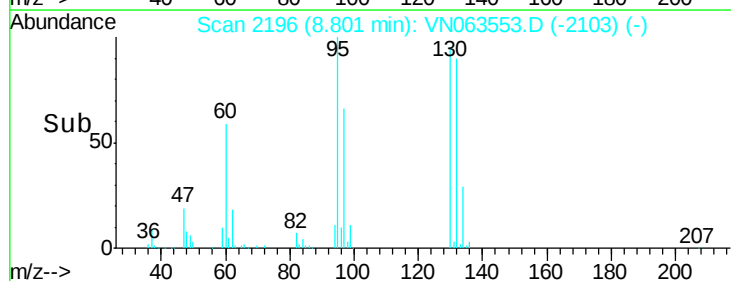
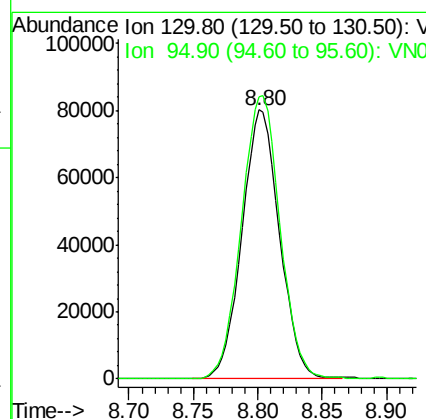
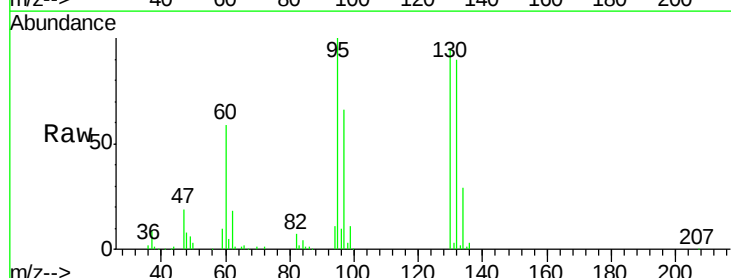
Manual Integrations
APPROVED

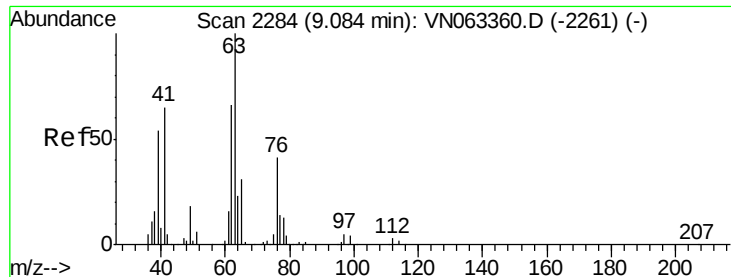
MMDadoda
9/23/2020 1:06:35 PM



#44
Trichloroethene
Concen: 50.824 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	217.4





#45

1,2-Dichloropropane

Concen: 49.861 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 178667

Ion Ratio Lower Upper

63 100

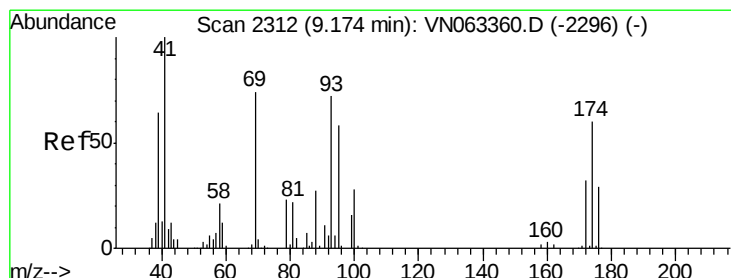
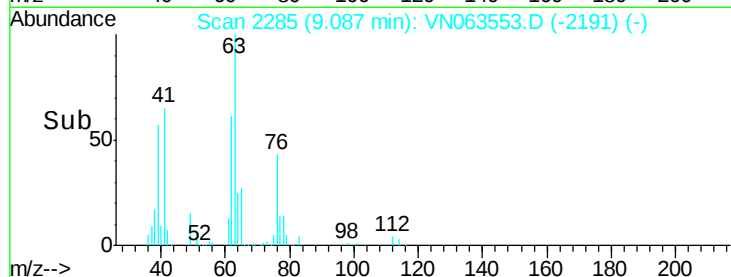
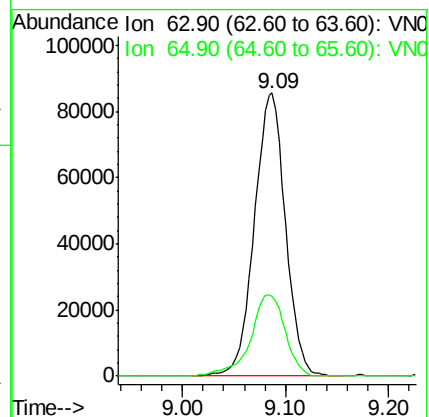
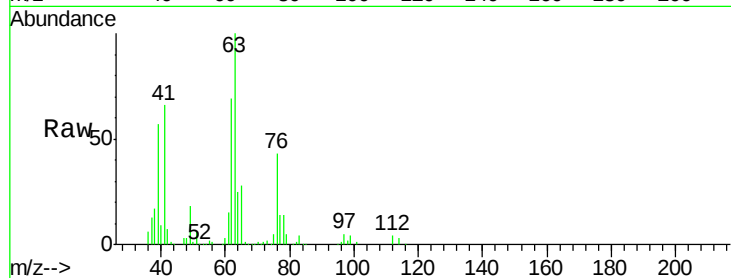
65 28.0 25.0 37.6

Manual Integrations

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9/23/2020 1:06:35 PM



#46

Dibromomethane

Concen: 51.210 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

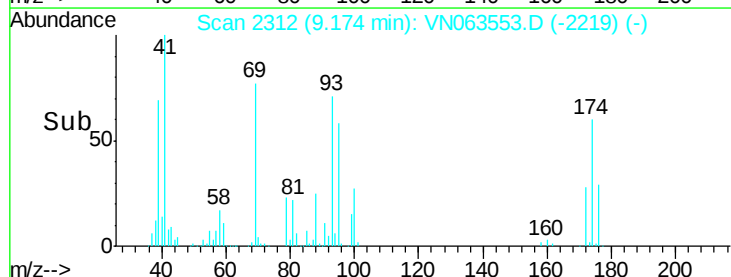
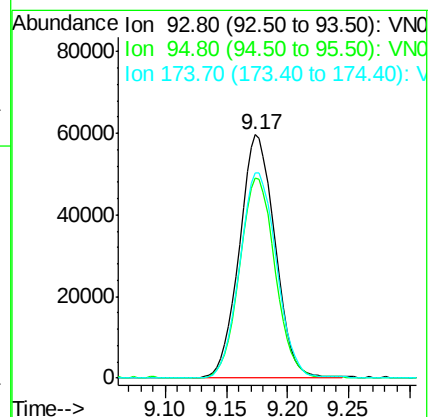
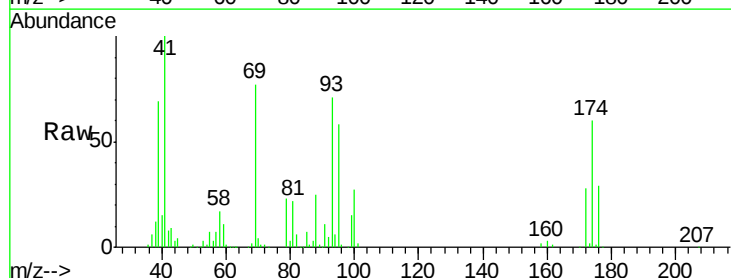
Tgt Ion: 93 Resp: 120607

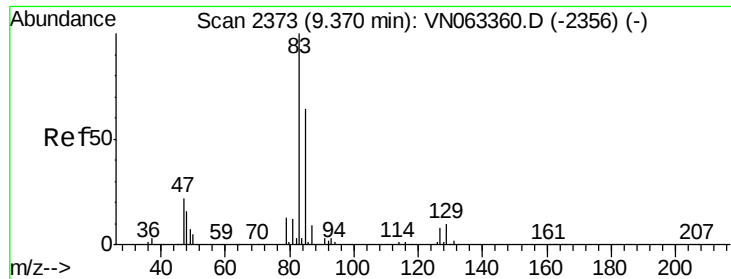
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 86.9 68.1 102.1





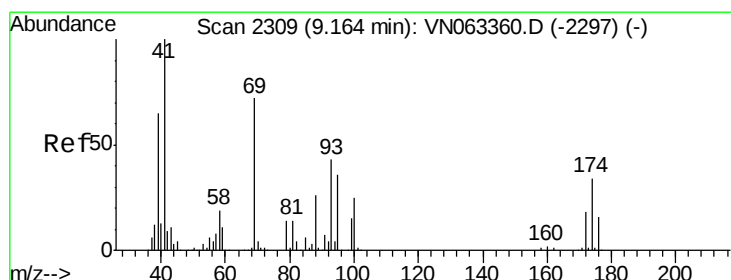
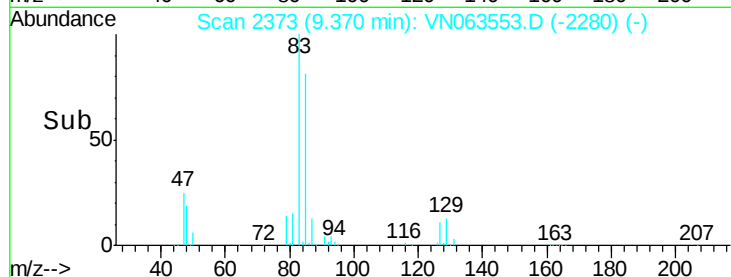
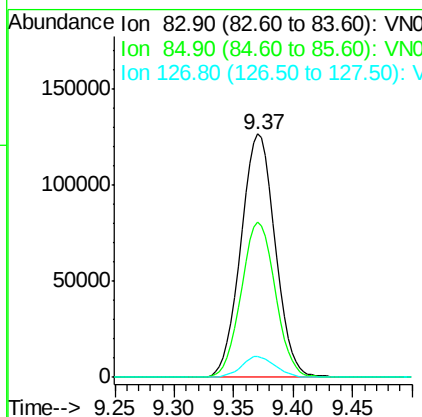
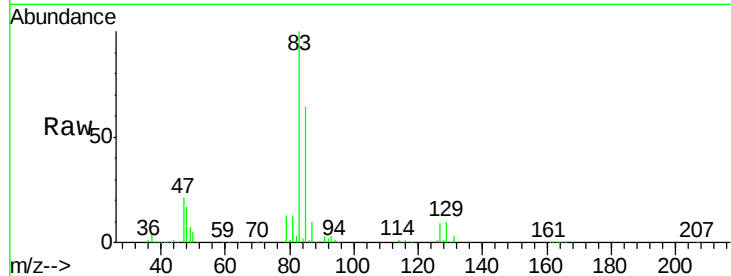
#47
Bromodichloromethane
Concen: 51.787 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6
127	8.7	6.3	9.5

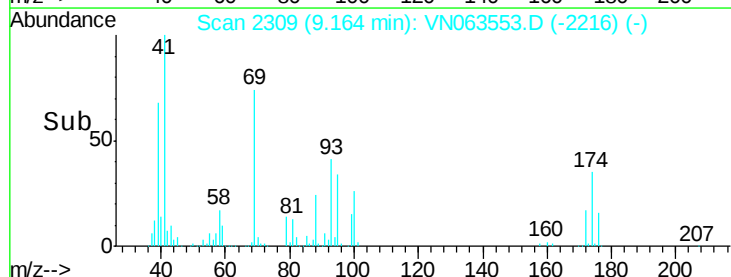
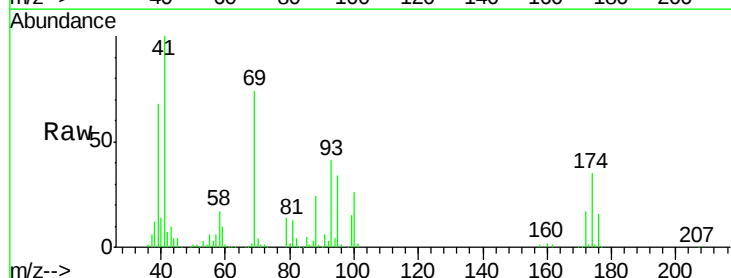
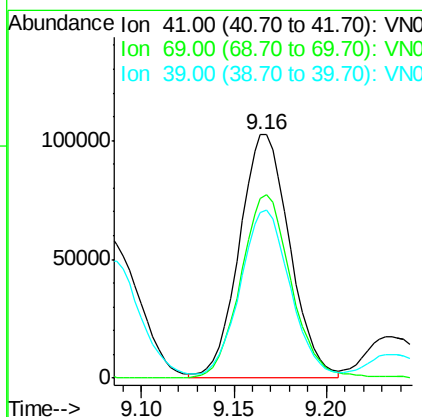
Manual Integrations
APPROVED

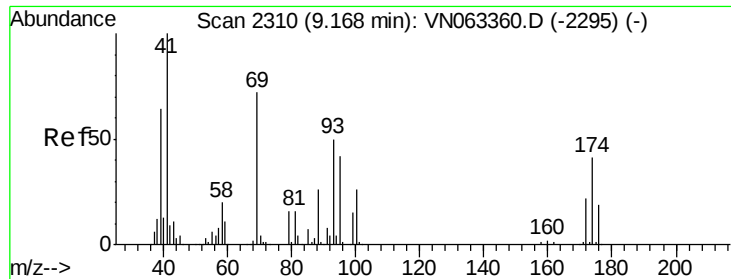
MMDadoda
9/23/2020 1:06:35 PM



#48
Methyl methacrylate
Concen: 48.439 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.1	59.3	88.9
39	68.8	52.9	79.3





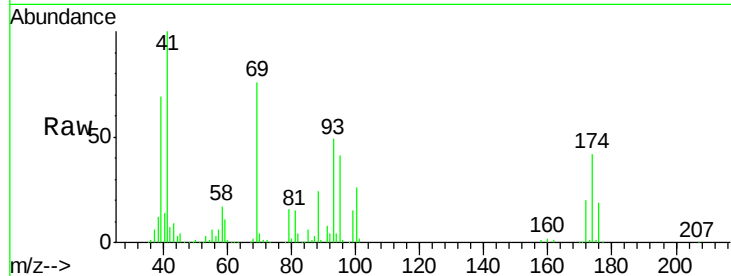
#49
1,4-Dioxane
Concen: 893.572 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	37.3	32.6	49.0	
58	69.3	60.0	90.0	

Manual Integrations
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9/23/2020 1:06:35 PM

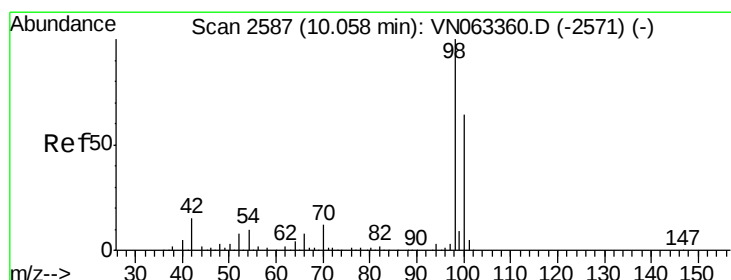
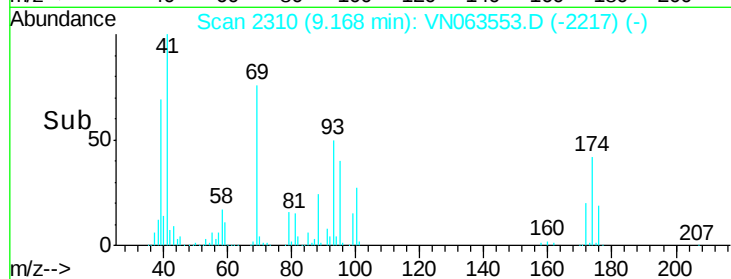
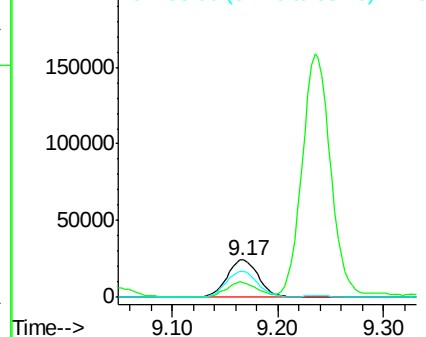


Abundance

Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

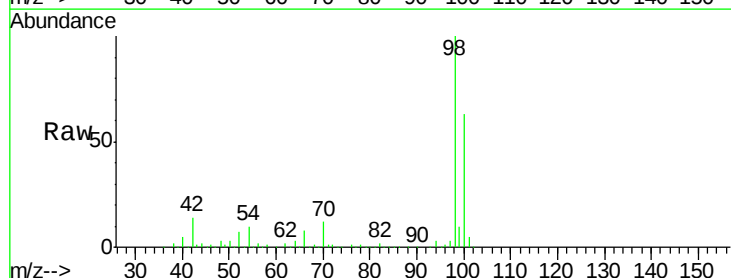
Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

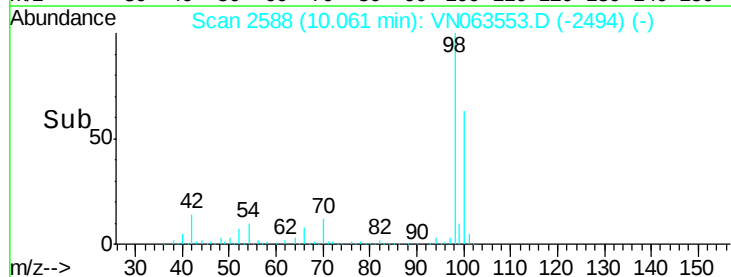
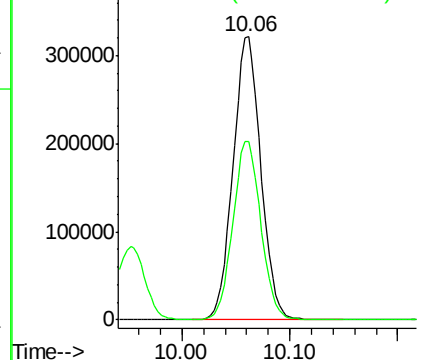
Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.1	50.7	76.1	

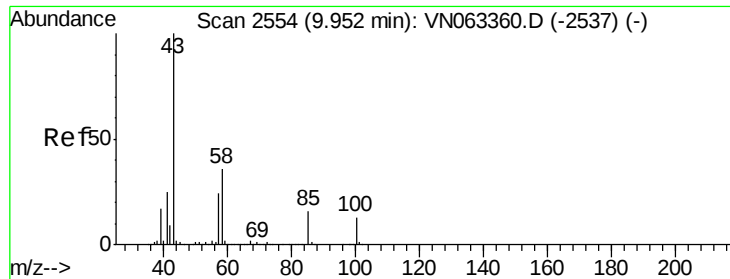


Abundance

Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





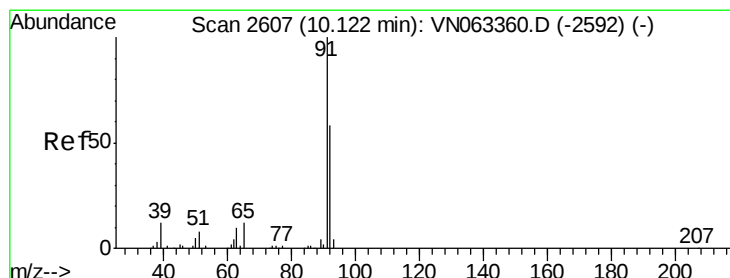
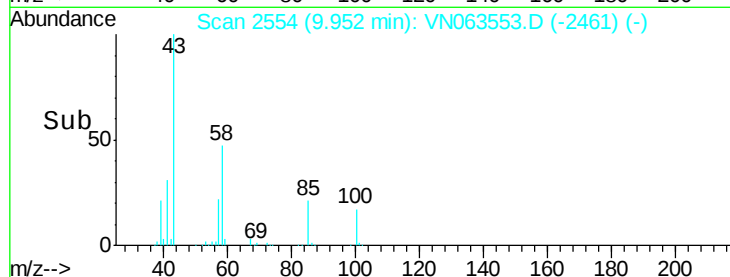
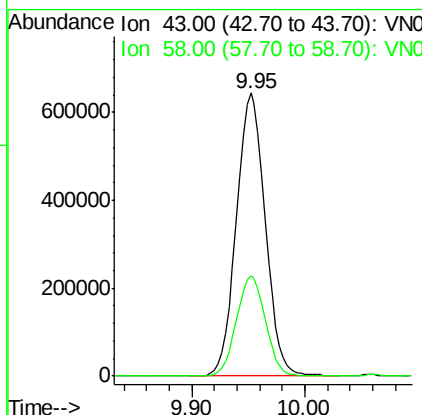
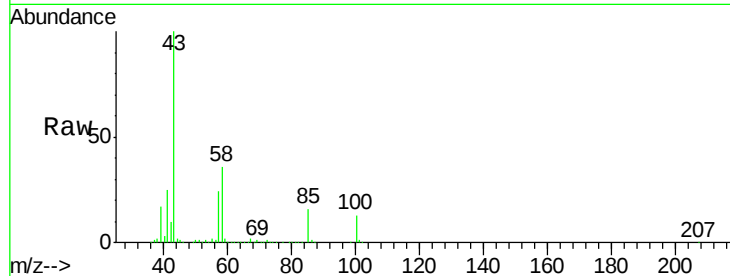
#51
4-Methyl-2-Pentanone
Concen: 252.679 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1144167
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6

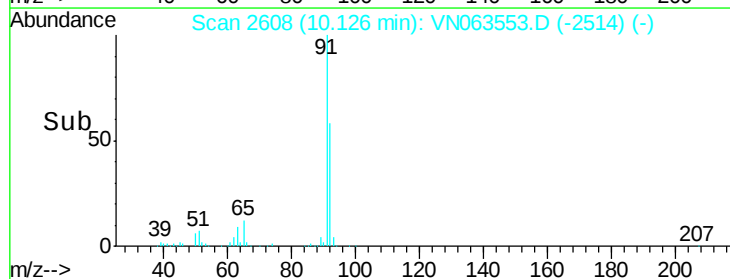
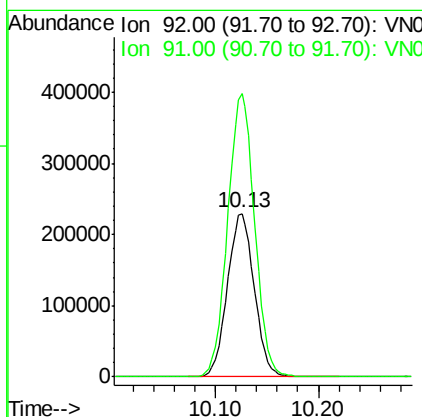
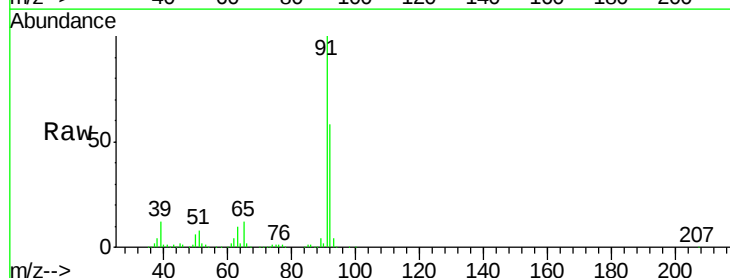
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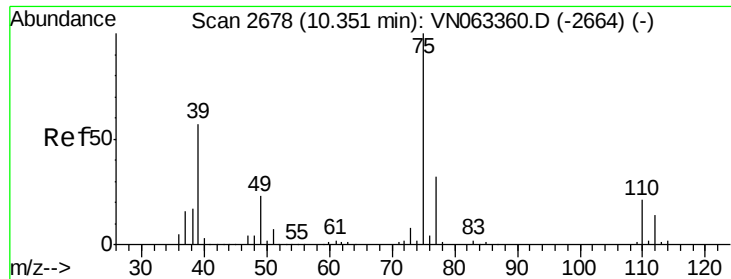
MMDadoda
9/23/2020 1:06:35 PM



#52
Toluene
Concen: 52.653 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 92 Resp: 416501
Ion Ratio Lower Upper
92 100
91 173.9 139.7 209.5





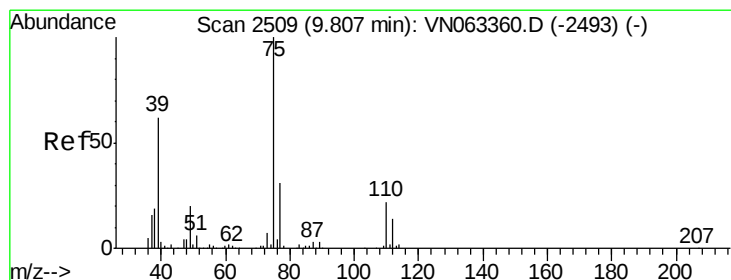
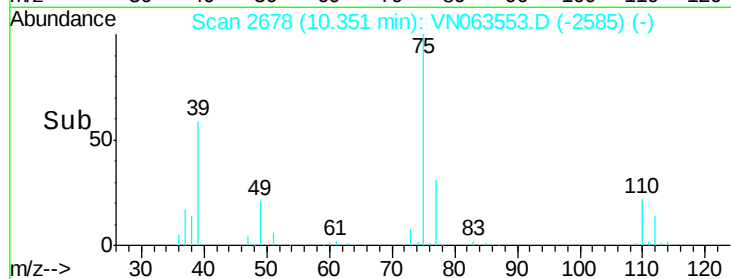
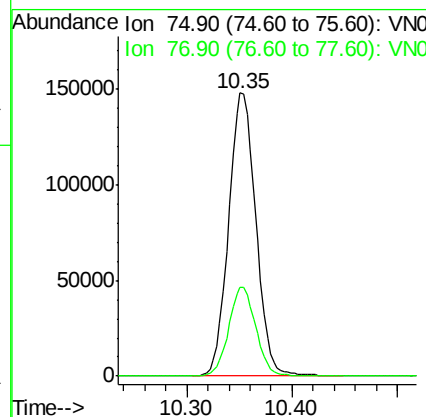
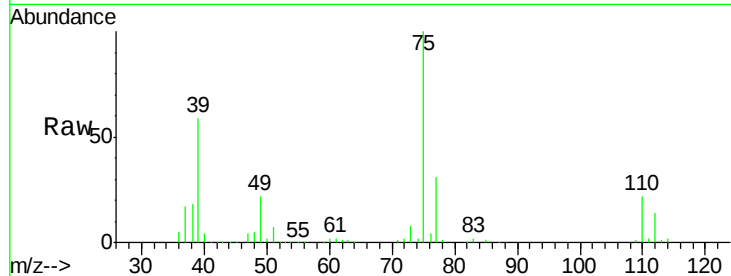
#53
t-1,3-Dichloropropene
Concen: 48.409 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 264419
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

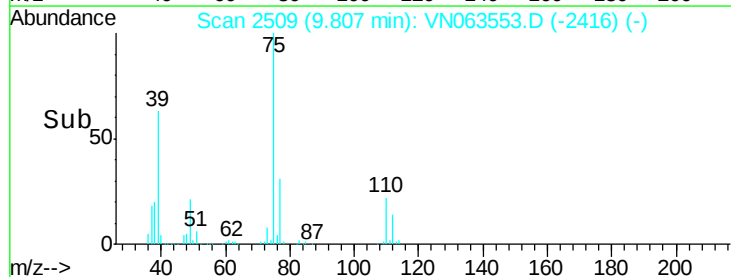
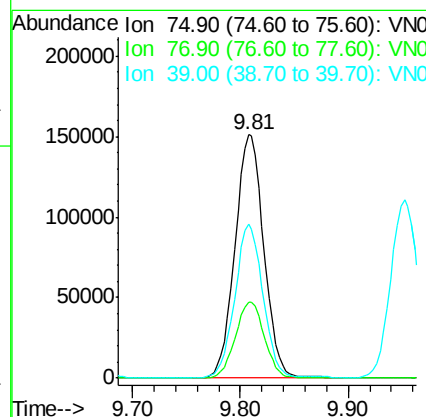
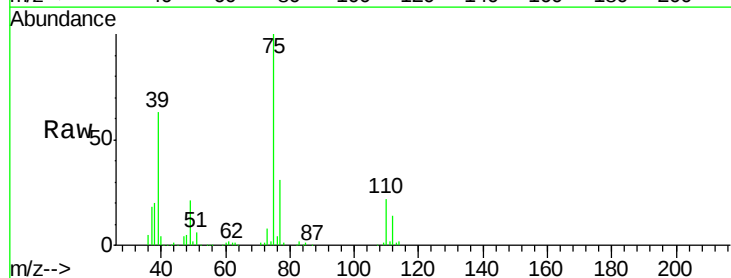
Manual Integrations
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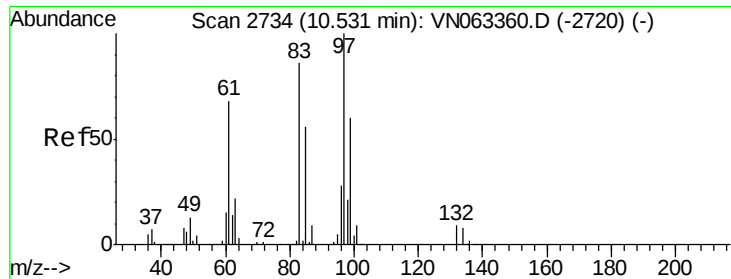
MMDadoda
9/23/2020 1:06:35 PM



#54
cis-1,3-Dichloropropene
Concen: 48.964 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 75 Resp: 282106
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0
39 63.1 49.8 74.8





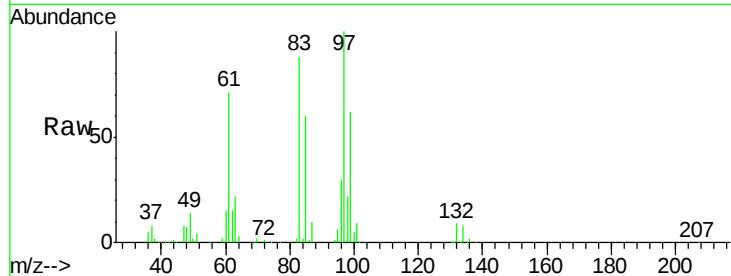
#55
 1,1,2-Trichloroethane
 Concen: 52.235 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	164123
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.9	103.3
85	59.5	44.8	67.2
99	62.3	47.8	71.8

Manual Integrations
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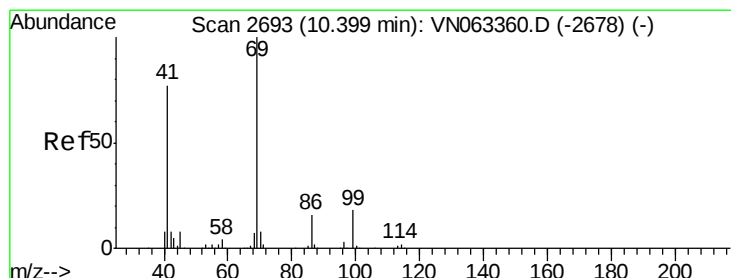
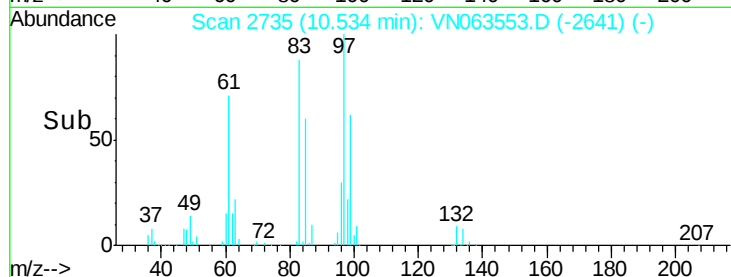
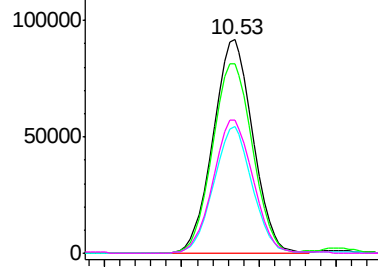


Abundance Ion 96.90 (96.60 to 97.60): VN063553.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063553.D (-2641) (-)

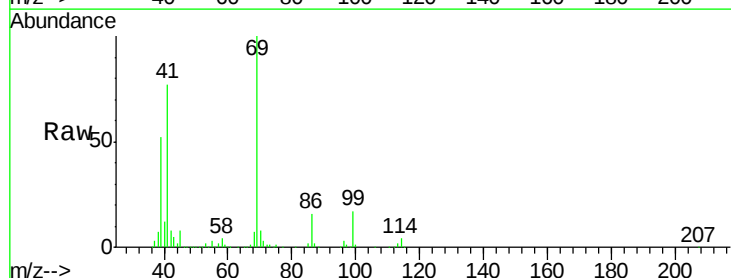
Ion 84.90 (84.60 to 85.60): VN063553.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063553.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 50.022 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

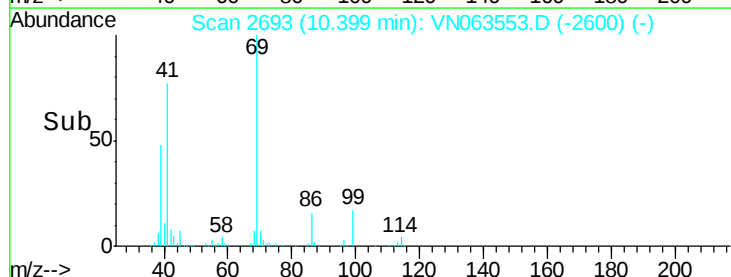
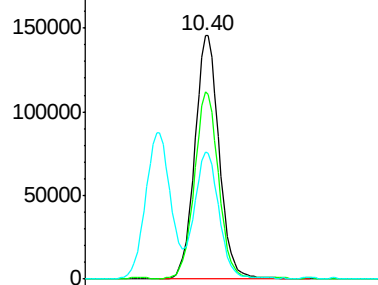
Tgt Ion:	69	Resp:	245359
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	52.0	39.2	58.8



Abundance Ion 69.00 (68.70 to 69.70): VN063553.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063553.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063553.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 50.206 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 284471

Ion Ratio Lower Upper

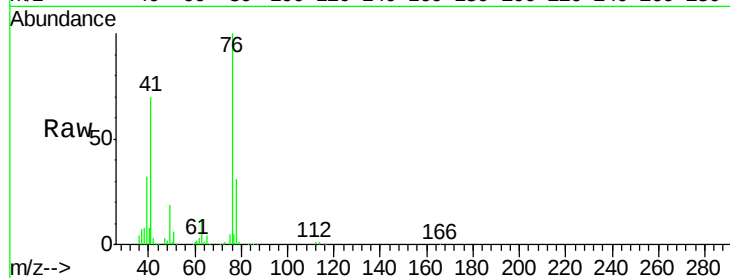
76 100

78 31.9 25.8 38.8

Manual Integrations
APPROVED

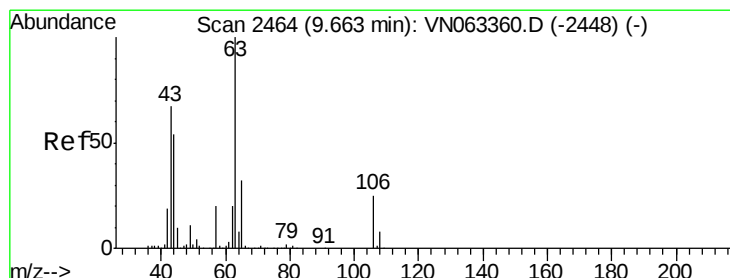
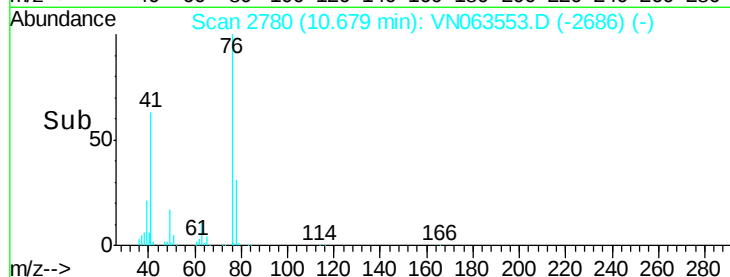
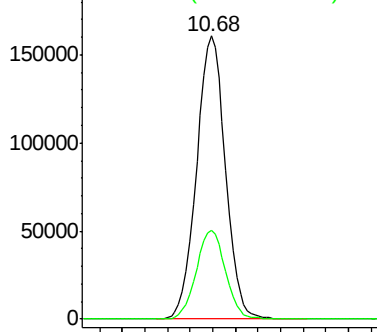
MMDadoda

9/23/2020 1:06:35 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 232.254 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063553.D

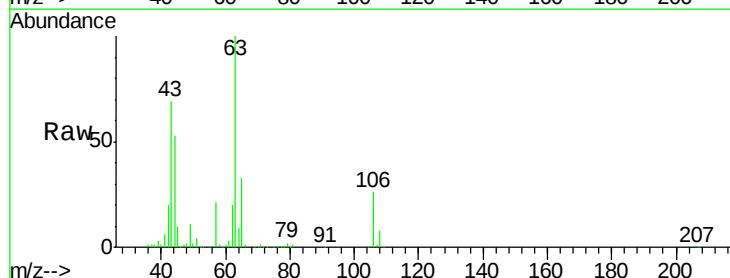
Acq: 22 Sep 2020 23:41

Tgt Ion: 63 Resp: 597607

Ion Ratio Lower Upper

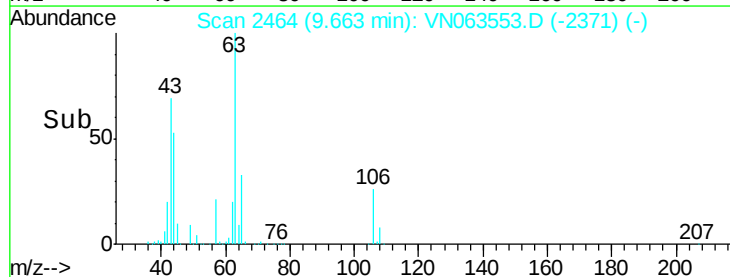
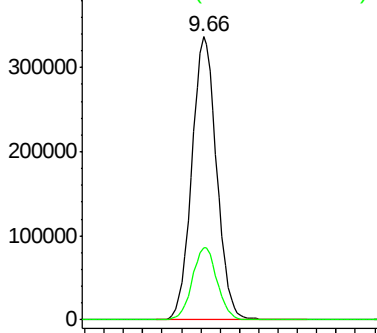
63 100

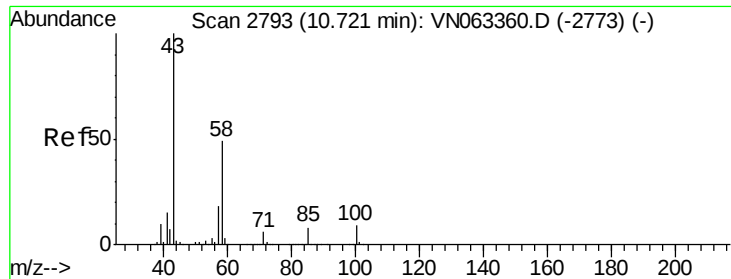
106 25.7 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





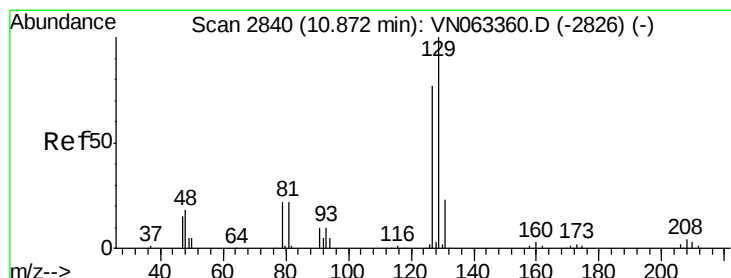
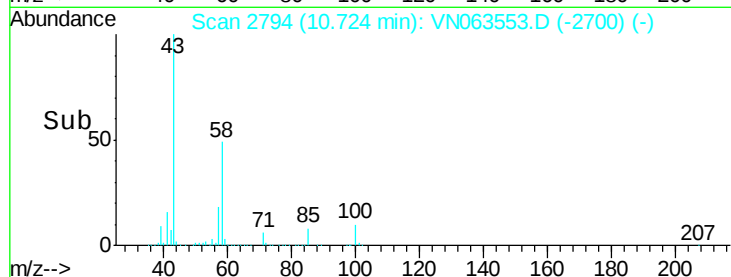
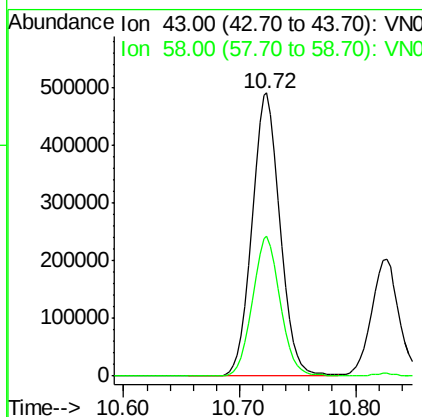
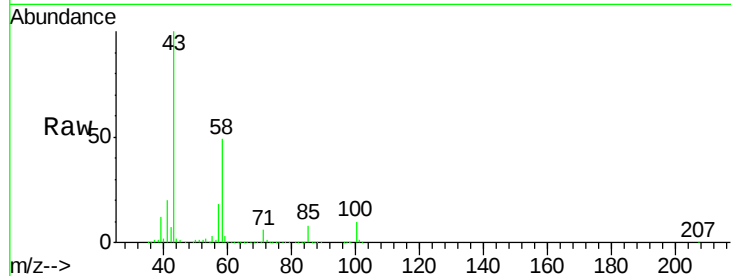
#59
2-Hexanone
Concen: 252.847 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 829467
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1

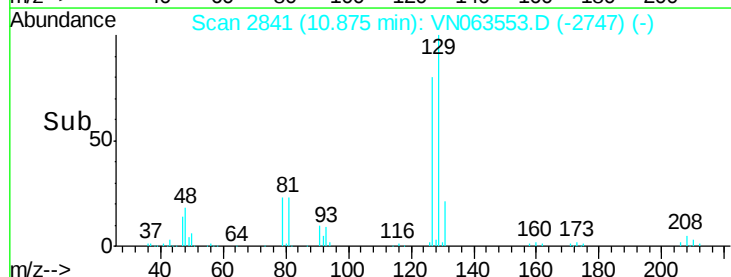
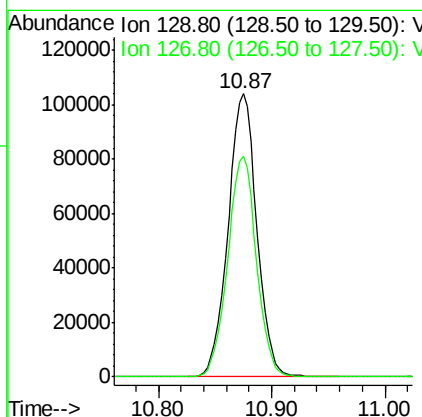
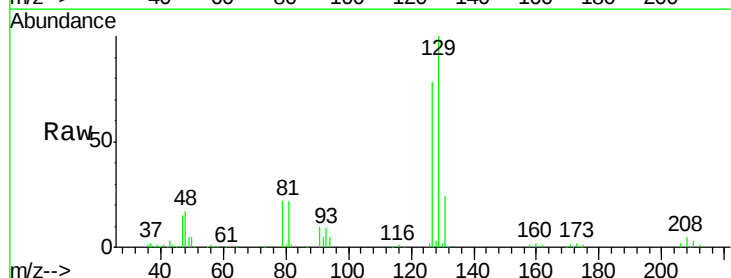
Manual Integrations
APPROVED

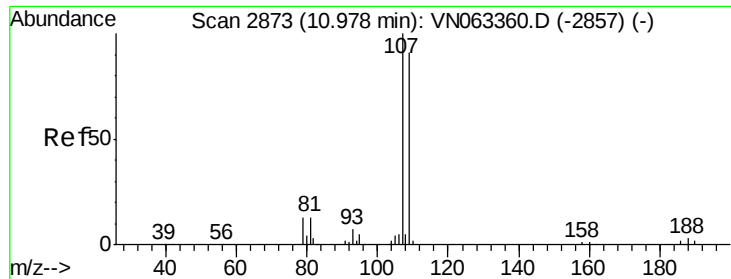
MMDadoda
9/23/2020 1:06:35 PM



#60
Dibromochloromethane
Concen: 51.870 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 129 Resp: 184118
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





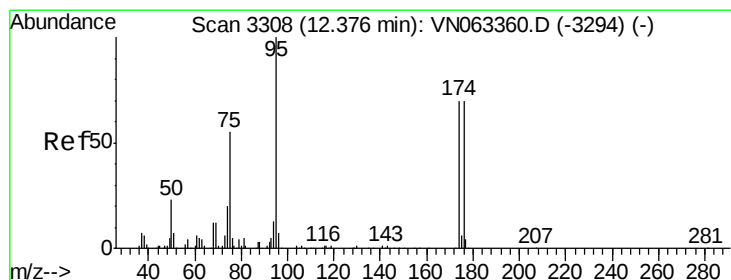
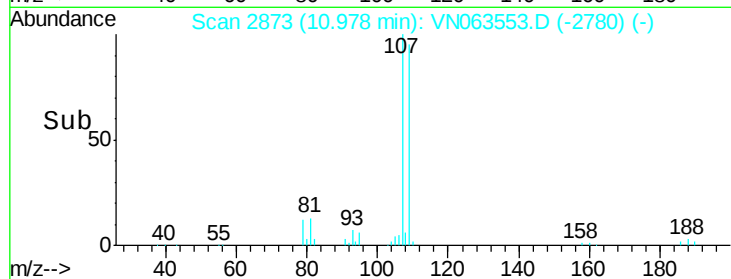
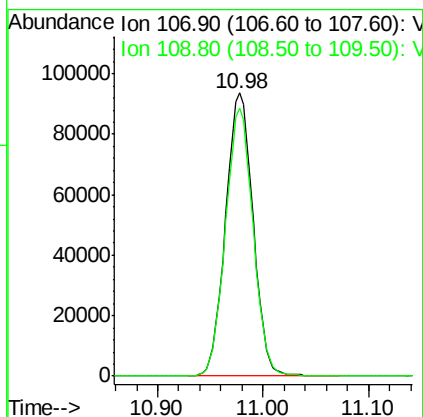
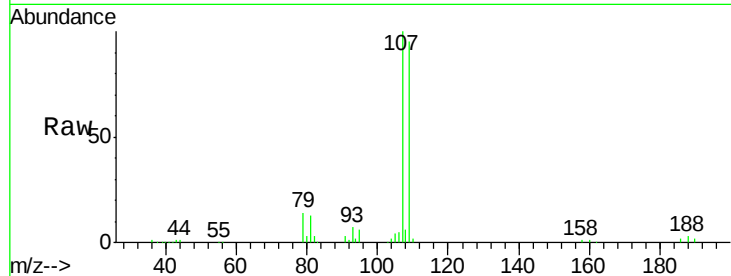
#61
 1,2-Dibromoethane
 Concen: 51.621 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.6	111.8

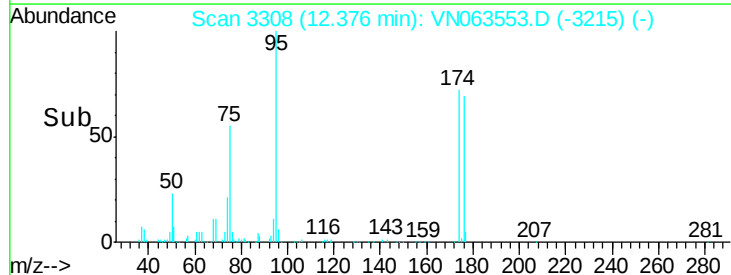
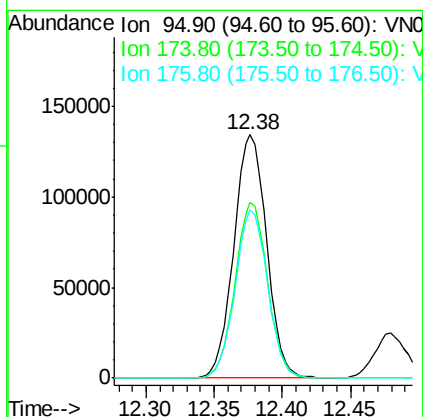
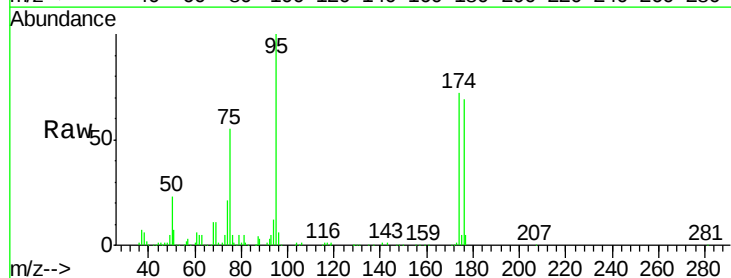
Manual Integrations
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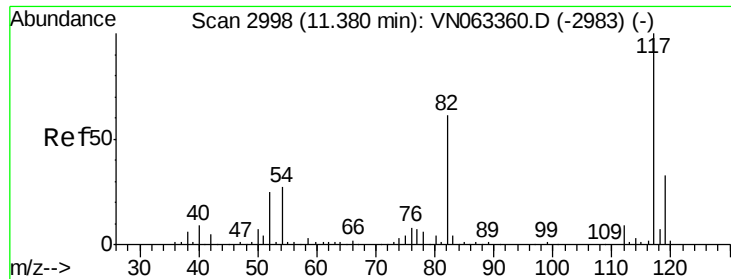
MMDadoda
 9/23/2020 1:06:35 PM



#62
 4-Bromofluorobenzene
 Concen: 54.430 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	140.8
176	68.4	0.0	137.6





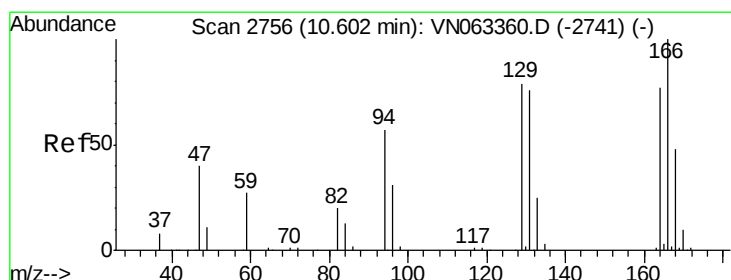
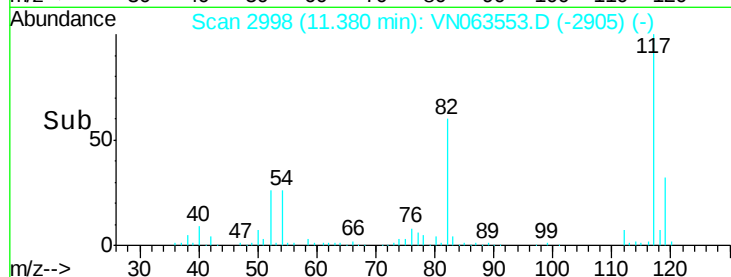
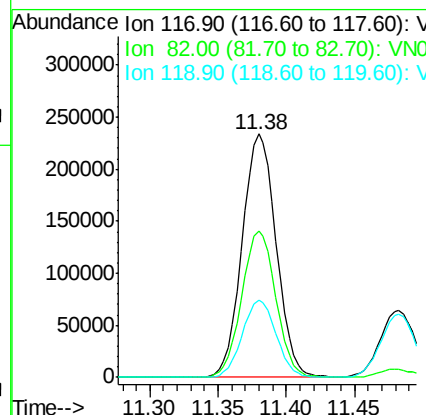
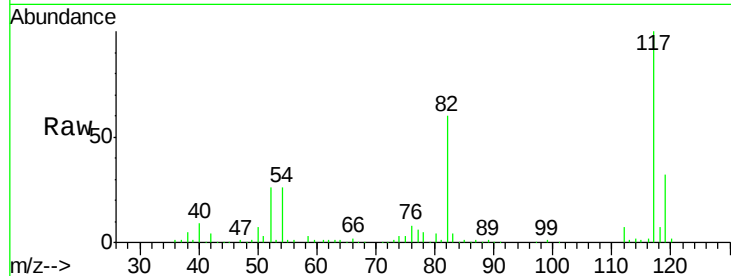
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.2	73.8
119	31.8	26.2	39.4

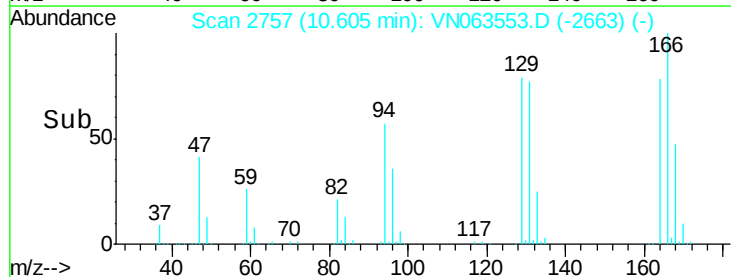
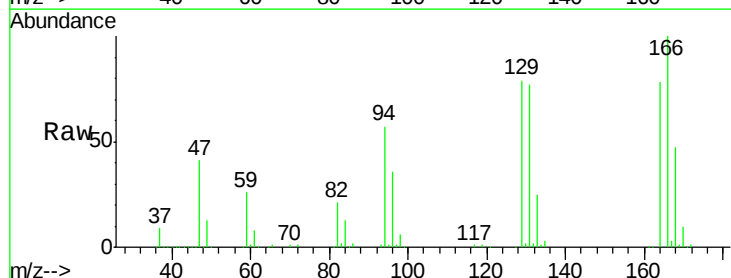
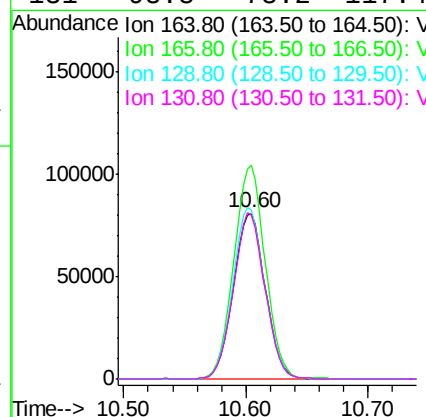
Manual Integrations
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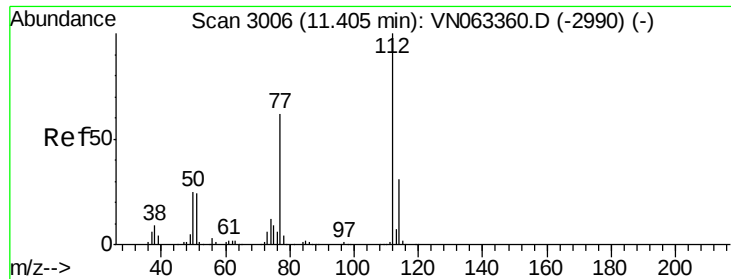
MMDadoda
9/23/2020 1:06:35 PM



#64
Tetrachloroethene
Concen: 53.434 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.4	155.0
129	101.9	81.8	122.6
131	98.8	78.2	117.4





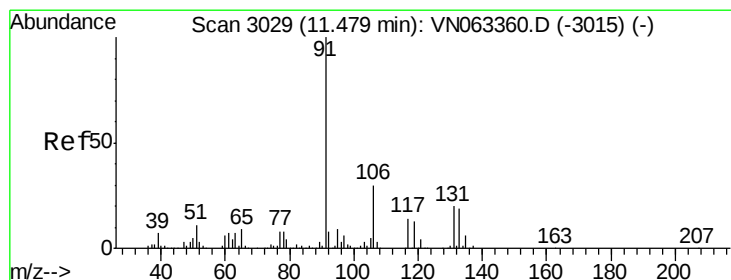
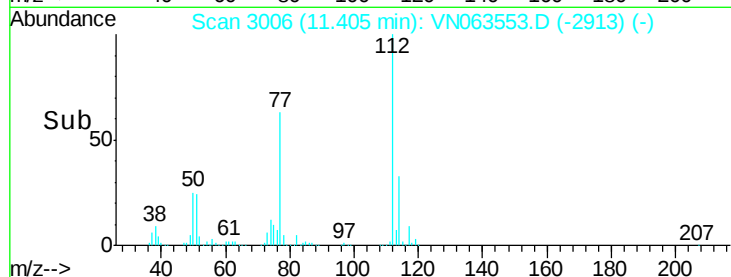
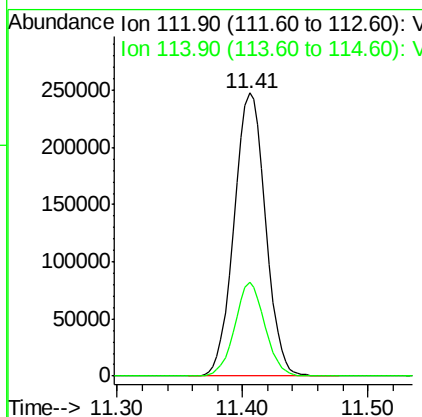
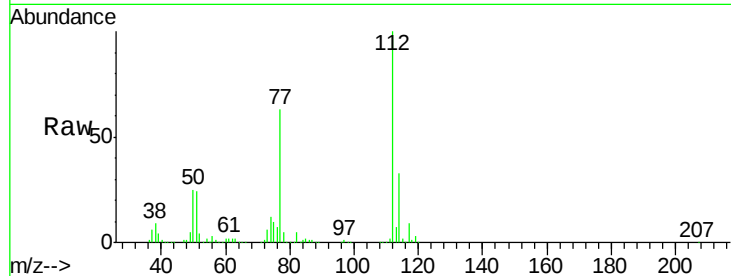
#65
Chlorobenzene
Concen: 50.134 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.0	37.6

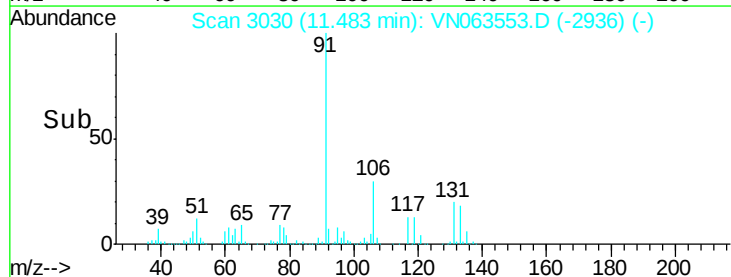
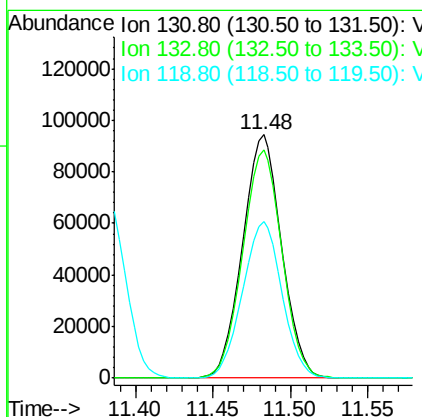
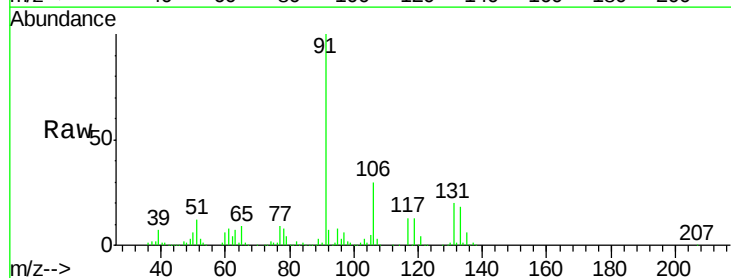
Manual Integrations
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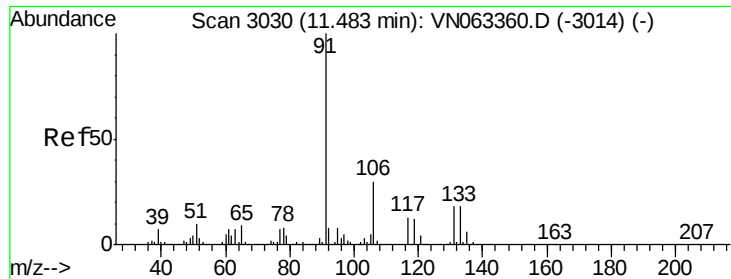
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.474 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.3	141.9
119	64.9	33.6	100.8





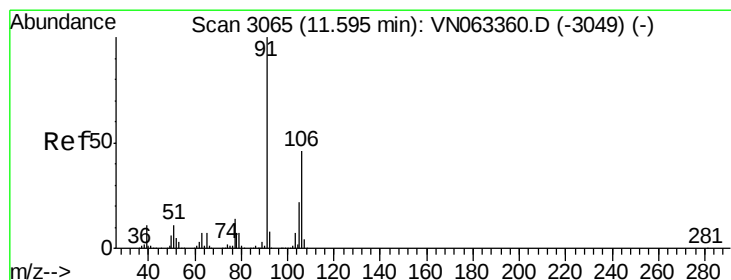
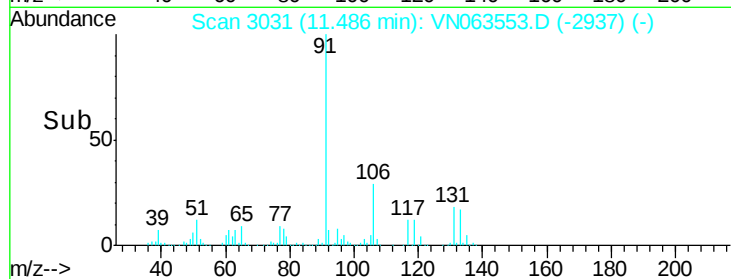
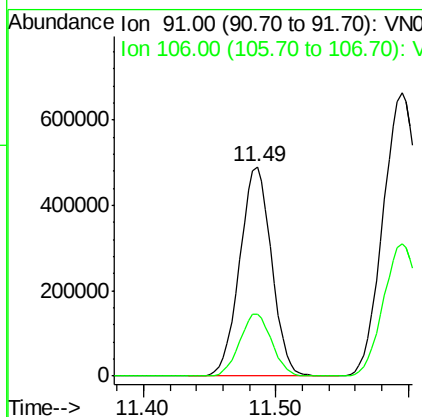
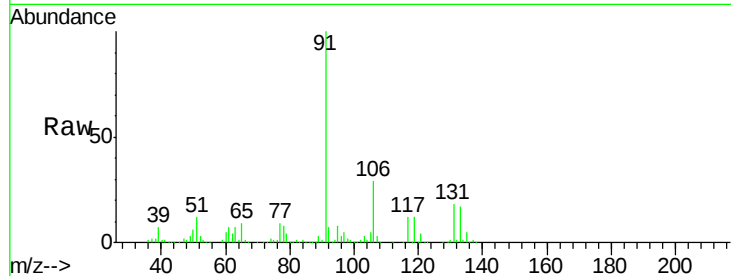
#67
Ethyl Benzene
Concen: 50.478 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 818528
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6

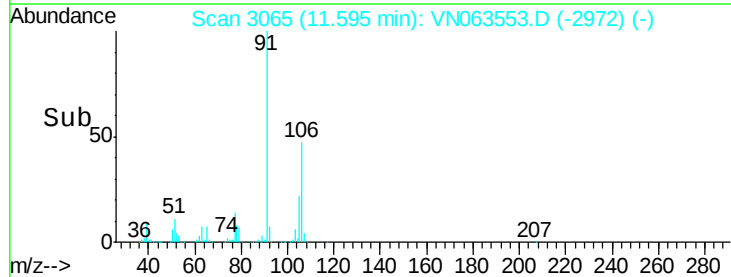
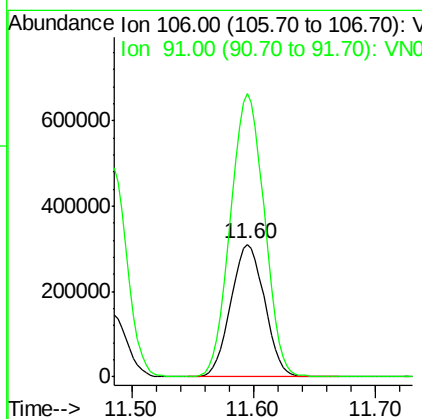
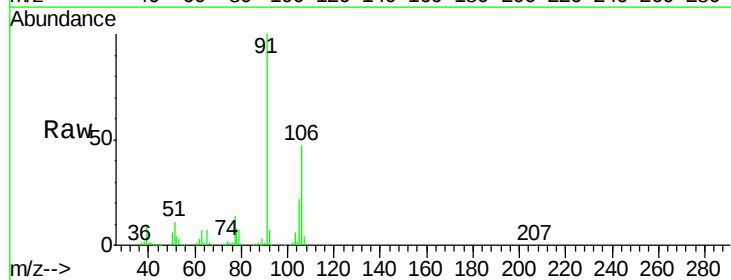
Manual Integrations
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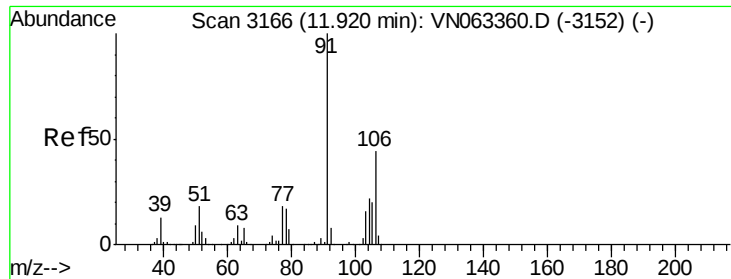
MMDadoda
9/23/2020 1:06:35 PM



#68
m/p-Xylenes
Concen: 101.767 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion: 106 Resp: 594984
Ion Ratio Lower Upper
106 100
91 215.4 171.2 256.8





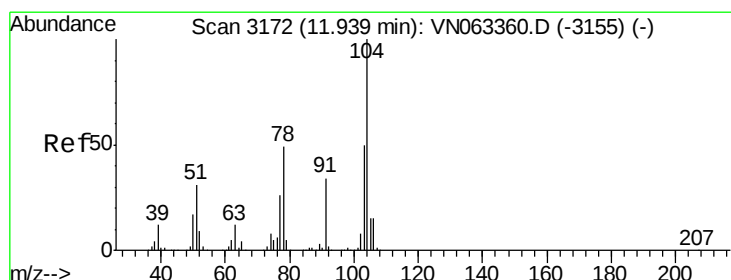
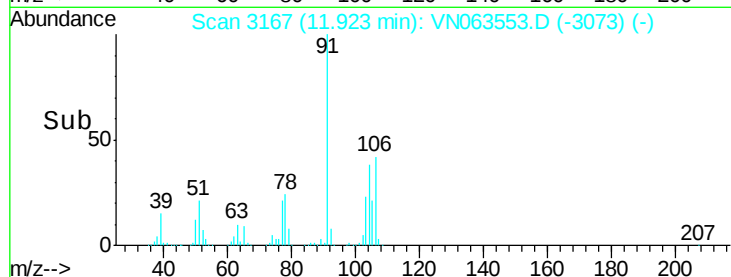
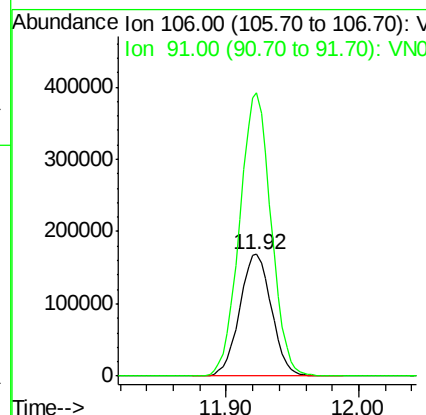
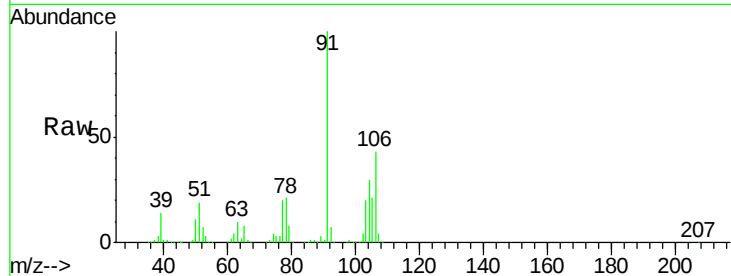
#69
o-Xylene
Concen: 50.622 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		281935		
91	229.0	113.6	340.8		

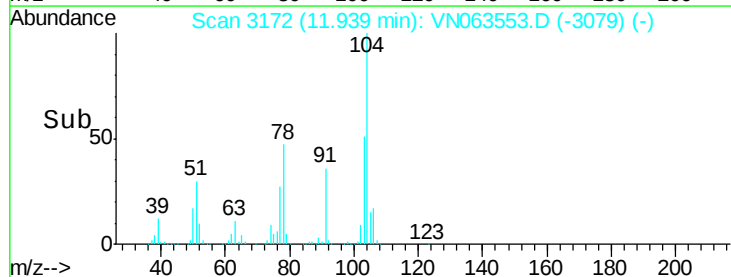
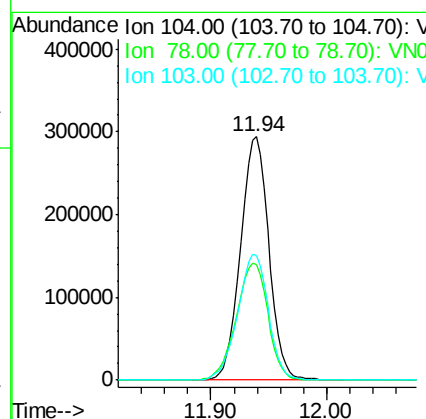
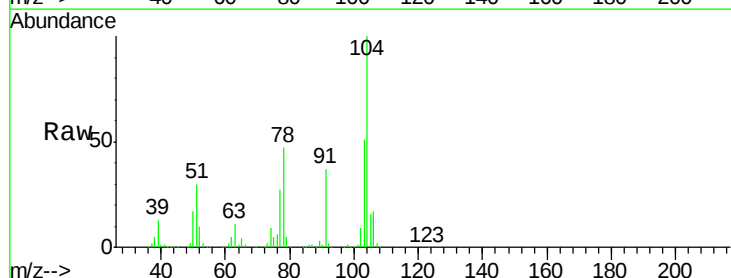
Manual Integrations
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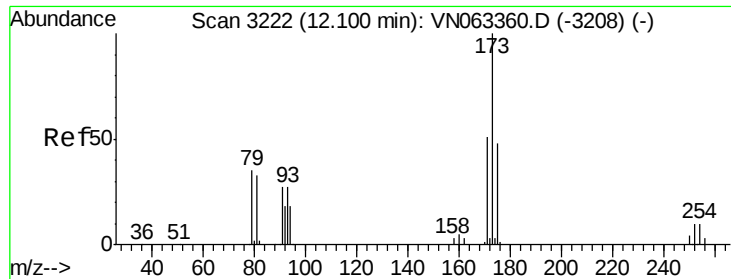
MMDadoda
9/23/2020 1:06:35 PM



#70
Styrene
Concen: 53.342 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		498211		
78	53.8	44.4	66.6		
103	55.7	43.7	65.5		





#71

Bromoform

Concen: 51.149 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 120273

Ion Ratio Lower Upper

173 100

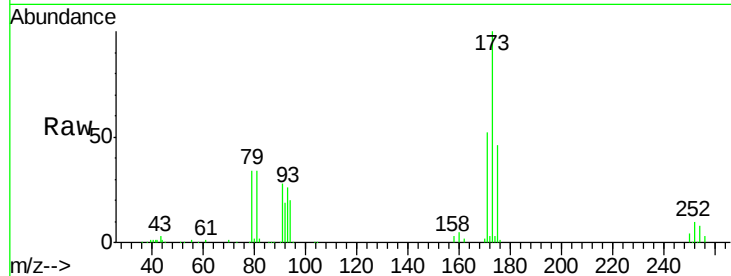
175 48.3 24.0 72.0

254 0.0 0.0 0.0

Manual Integrations
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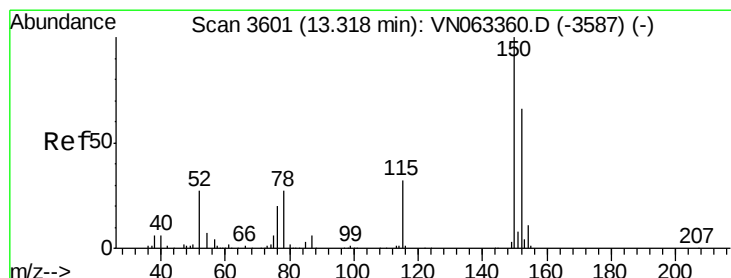
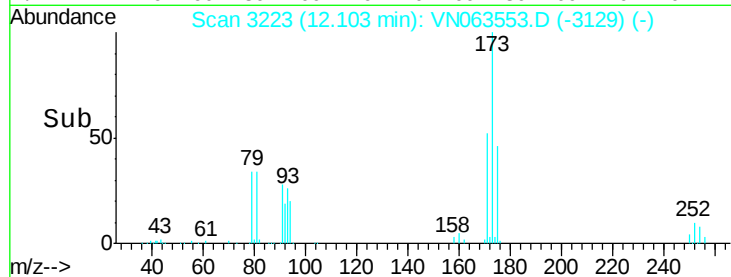
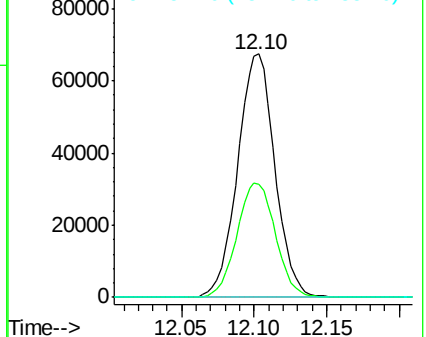
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

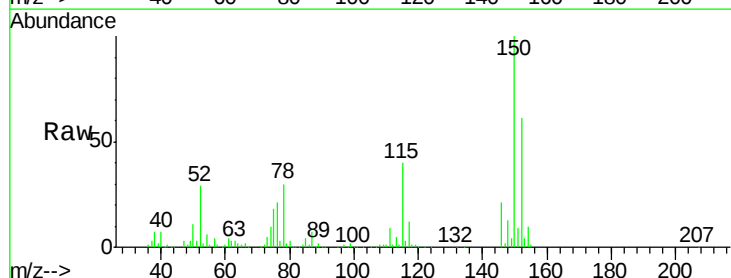
Tgt Ion:152 Resp: 191959

Ion Ratio Lower Upper

152 100

115 65.4 32.2 96.6

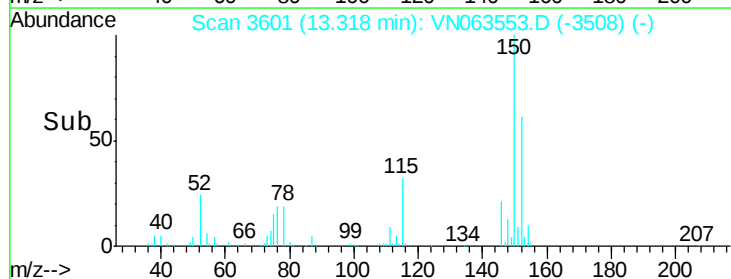
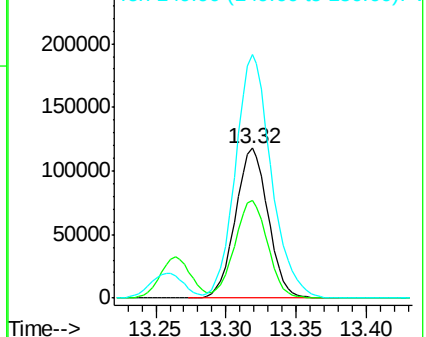
150 176.4 0.0 343.4

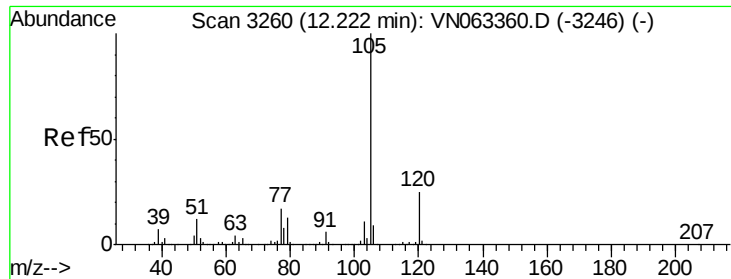


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.378 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 774933

Ion Ratio Lower Upper

105 100

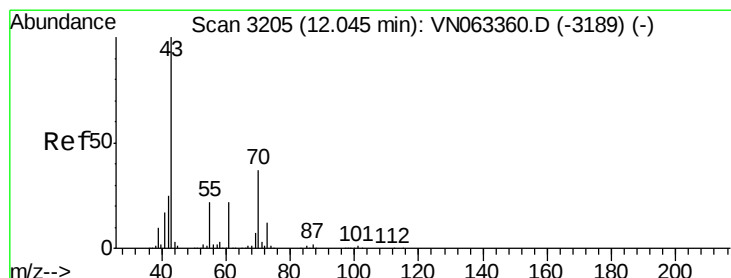
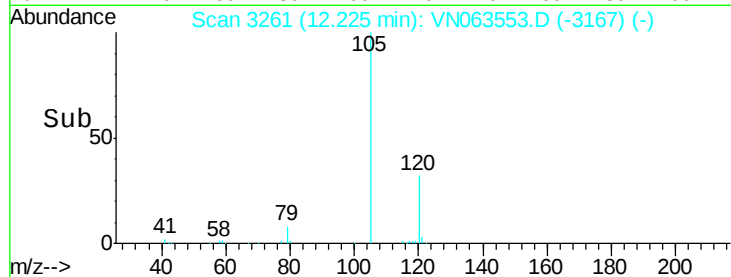
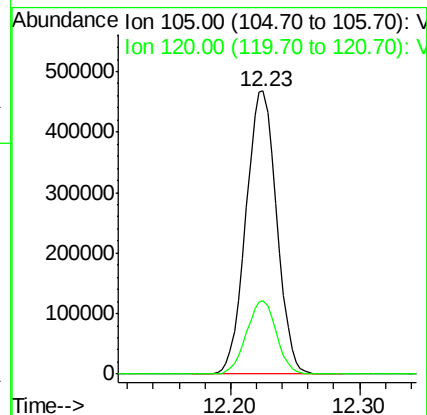
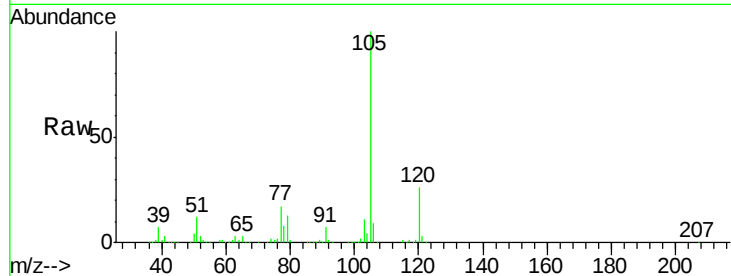
120 25.3 12.7 38.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.992 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion: 43 Resp: 349457

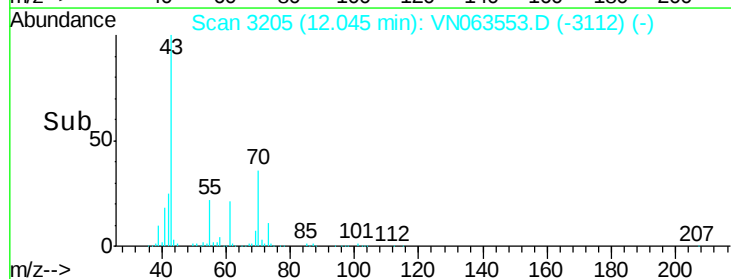
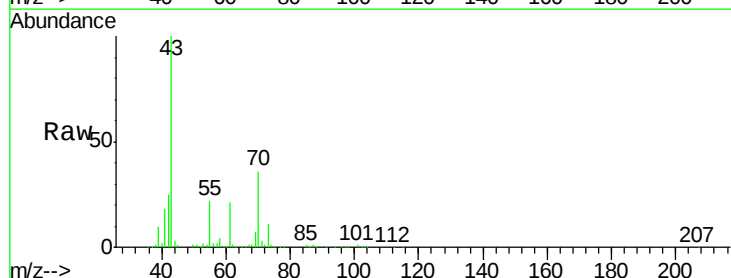
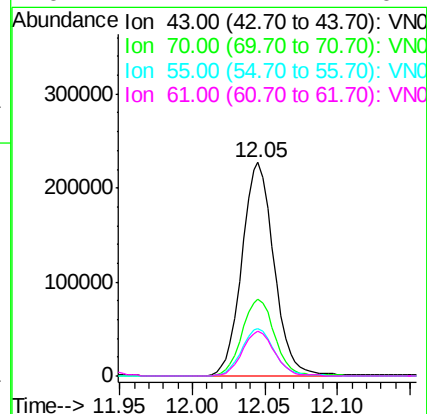
Ion Ratio Lower Upper

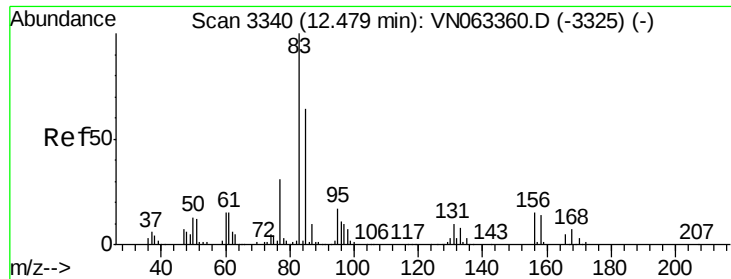
43 100

70 36.8 29.6 44.4

55 22.9 17.7 26.5

61 21.1 17.4 26.2





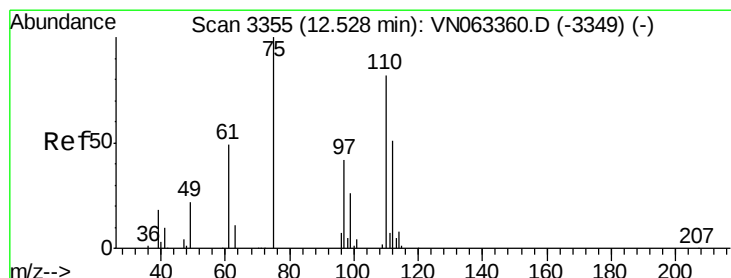
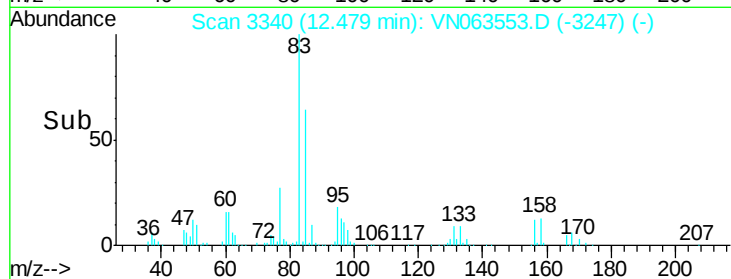
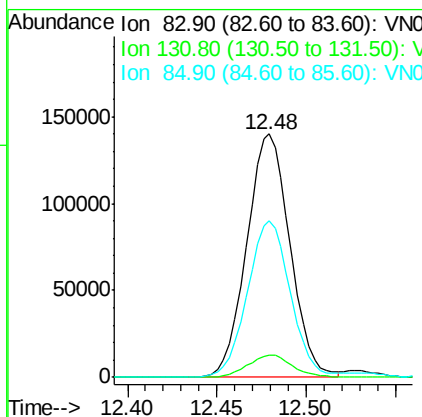
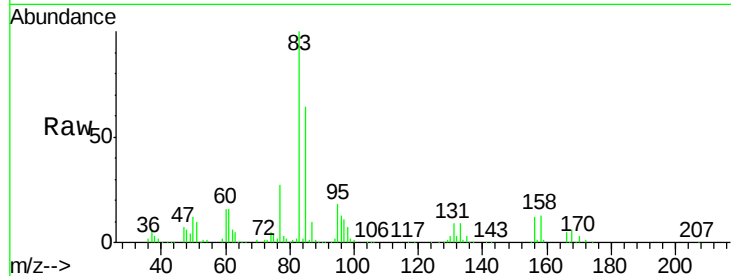
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.706 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	236747
Ion Ratio	100	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	63.8	32.0	96.0

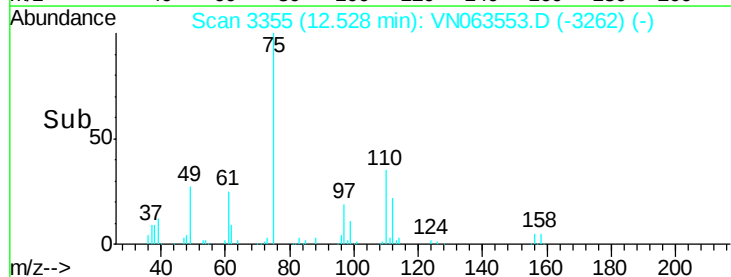
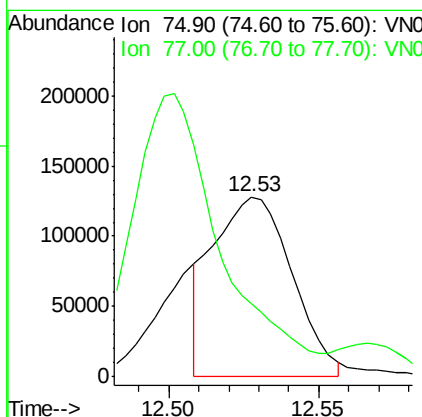
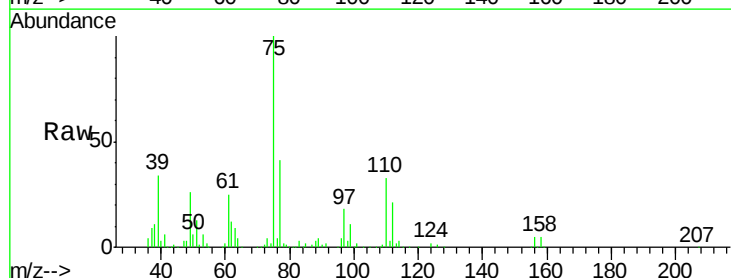
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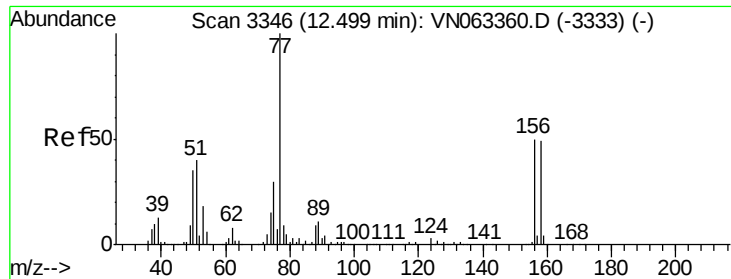
MMDadoda
 9/23/2020 1:06:35 PM



#76
 1,2,3-Trichloropropane
 Concen: 49.311 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	75	Resp	234289
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.046 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

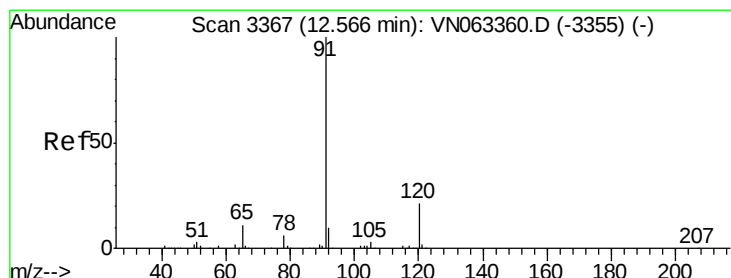
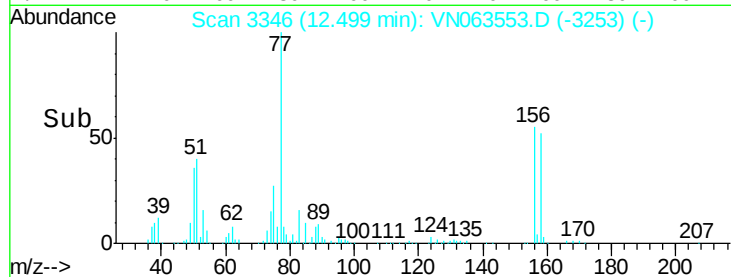
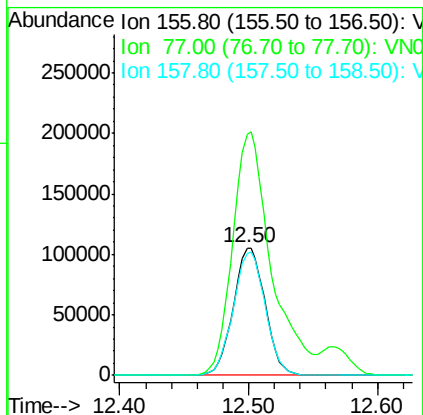
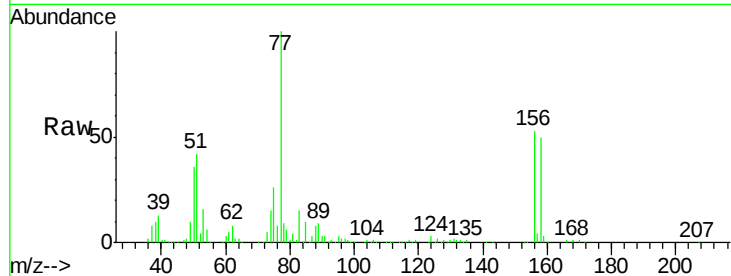
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	180088
Ion Ratio	Lower	Upper	
156	100		
77	230.8	120.2	360.6
158	97.8	48.9	146.6

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9/23/2020 1:06:35 PM



#78

n-propylbenzene

Concen: 50.485 ug/l

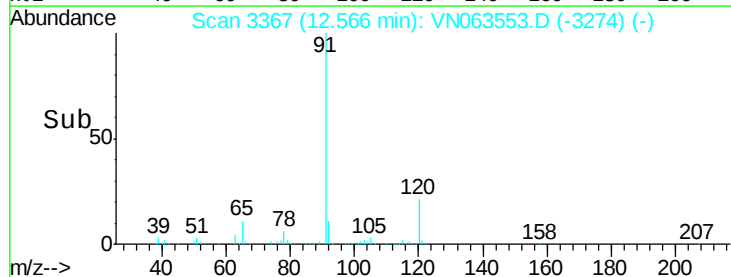
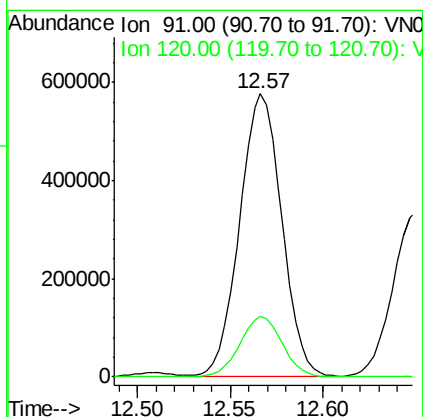
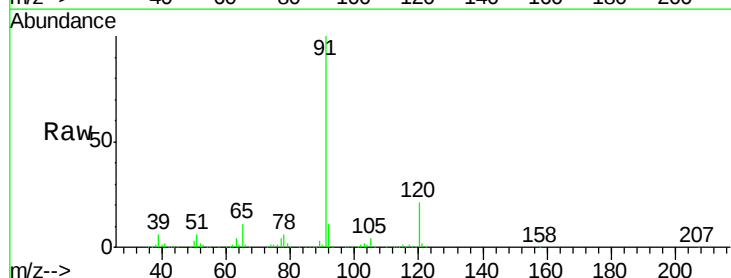
RT: 12.57 min Scan# 3367

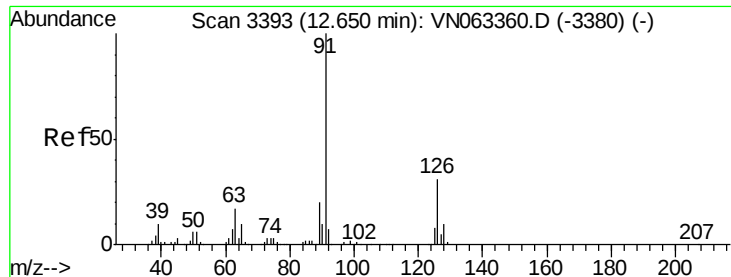
Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:	91	Resp:	904513
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





#79

2-Chlorotoluene

Concen: 51.089 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 548691

Ion Ratio Lower Upper

91 100

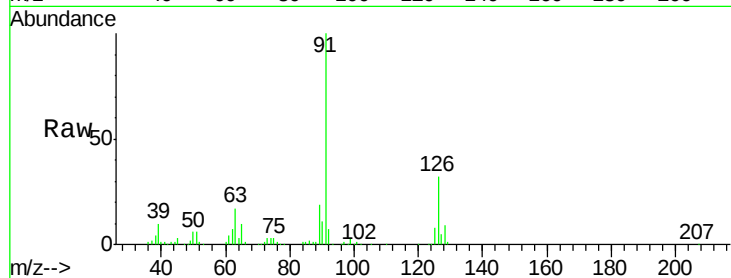
126 31.8 15.8 47.3

Manual Integrations

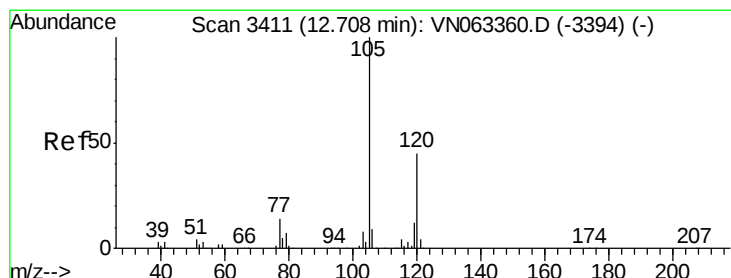
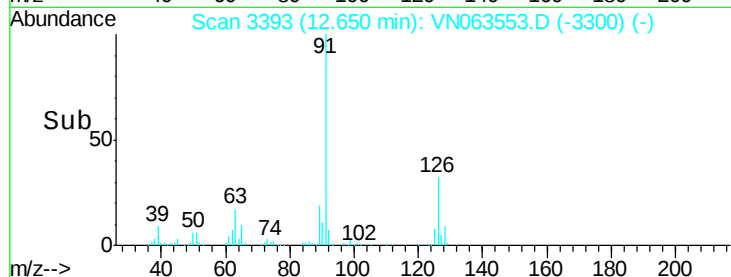
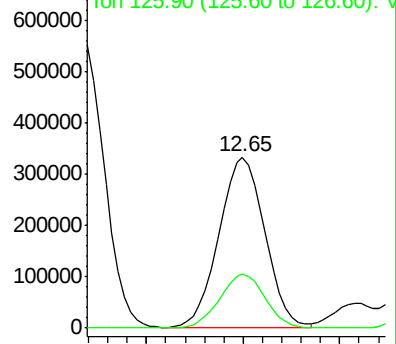
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.379 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063553.D

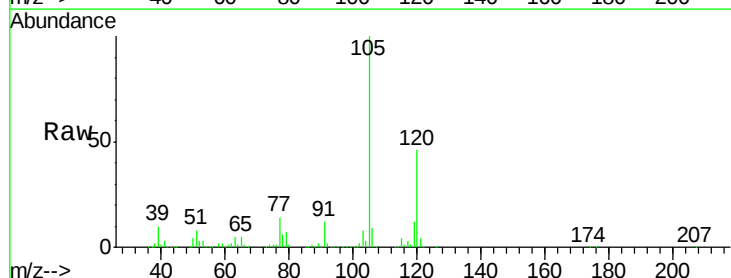
Acq: 22 Sep 2020 23:41

Tgt Ion: 105 Resp: 659043

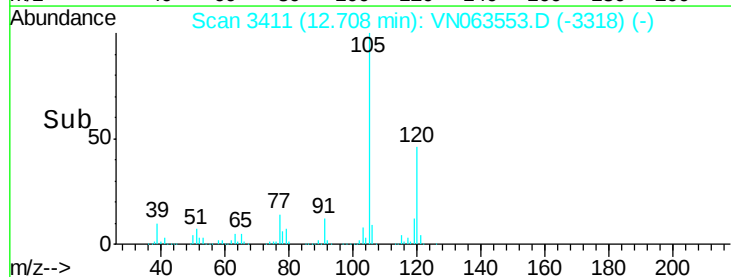
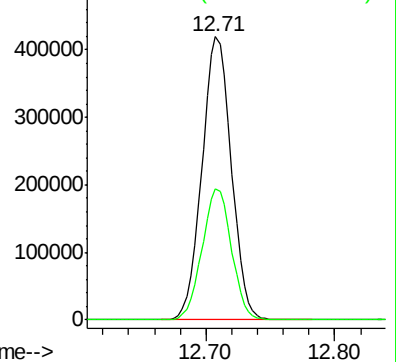
Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.778 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

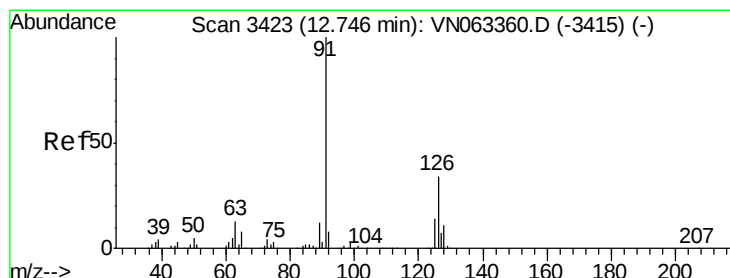
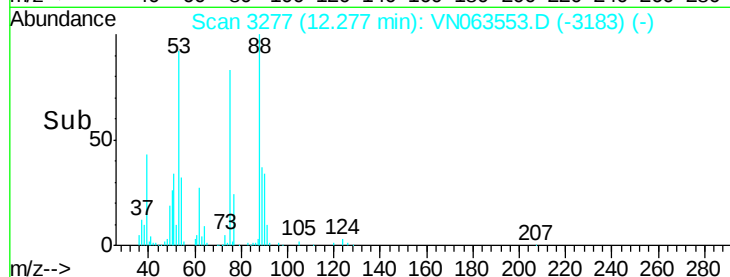
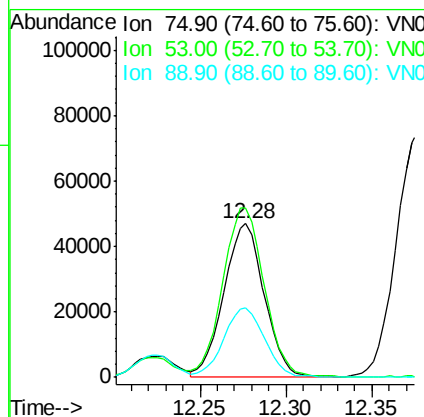
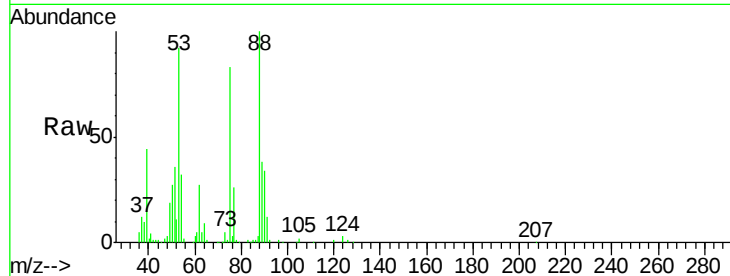
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	75867
Ion	Ratio	Lower	Upper
75	100		
53	114.7	85.7	128.5
89	46.6	38.0	57.0

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9/23/2020 1:06:35 PM



#82

4-Chlorotoluene

Concen: 50.454 ug/l

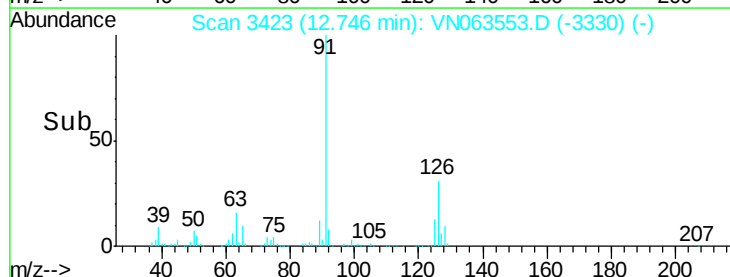
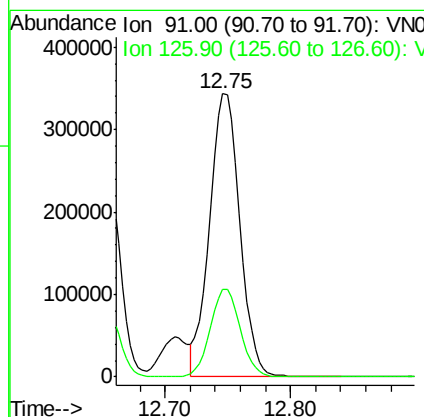
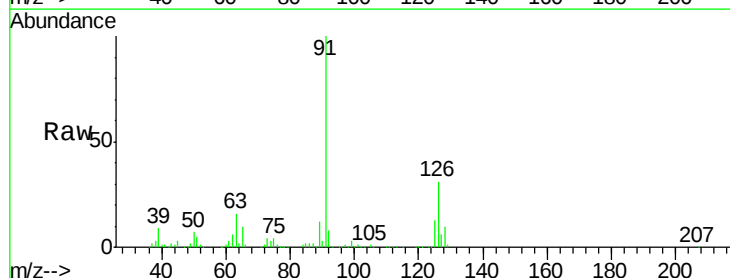
RT: 12.75 min Scan# 3423

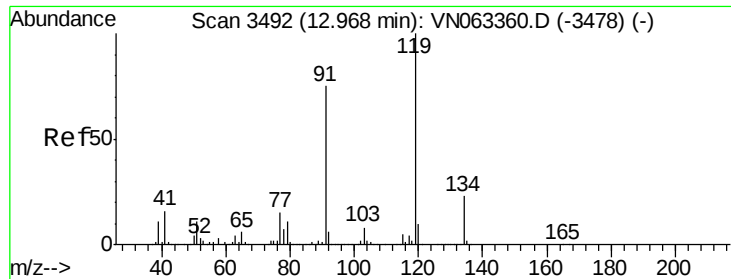
Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Tgt Ion:	91	Resp:	572534
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





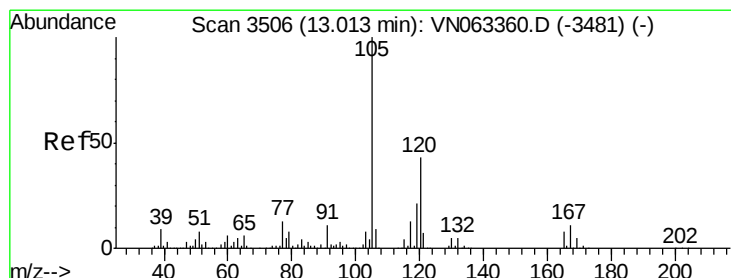
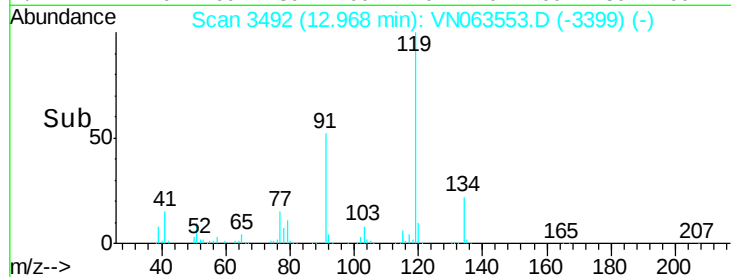
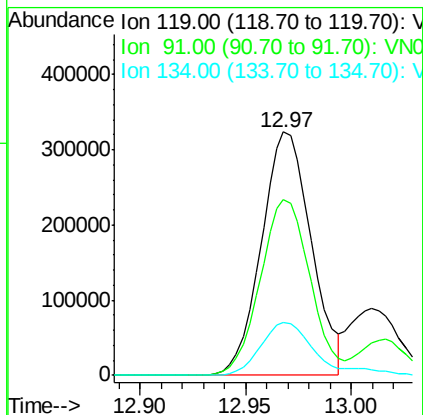
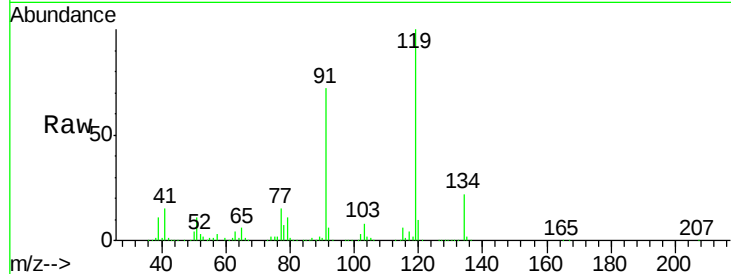
#83
 tert-Butylbenzene
 Concen: 50.280 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.0	36.3	108.9
134	24.1	12.3	36.8

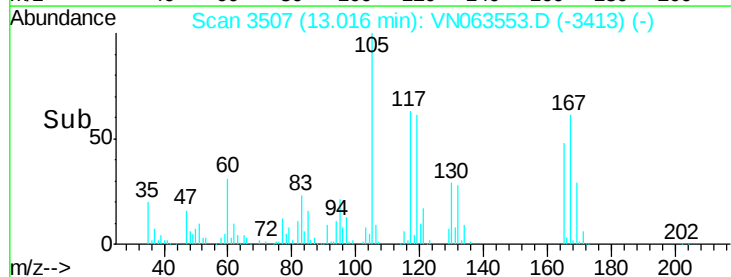
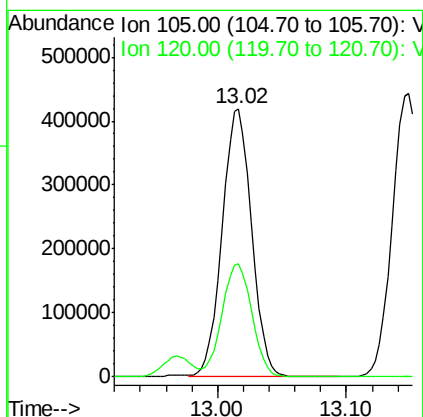
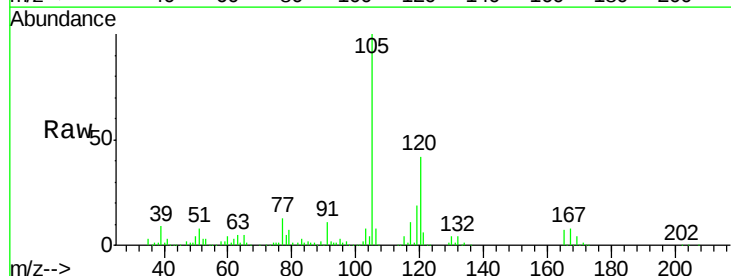
Manual Integrations
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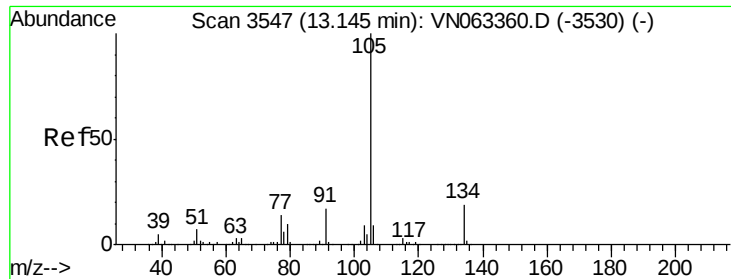
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 9/23/2020 1:06:35 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.066 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.3	63.9





#85

sec-Butylbenzene

Concen: 49.894 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 707039

Ion Ratio Lower Upper

105 100

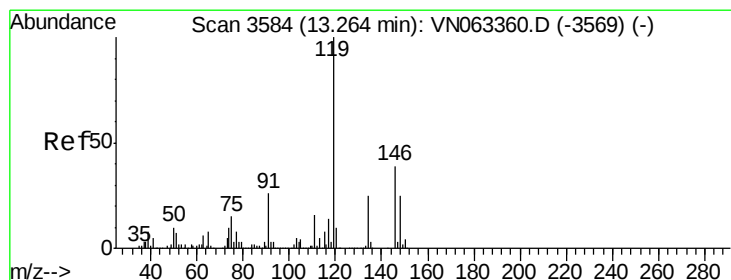
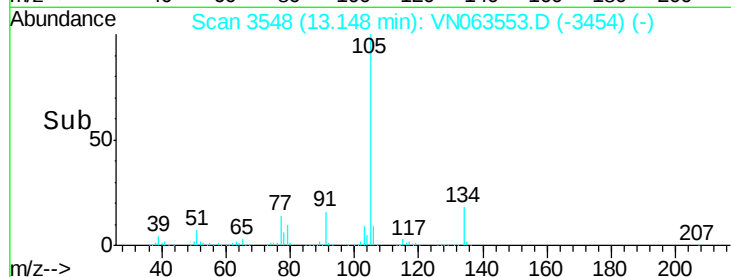
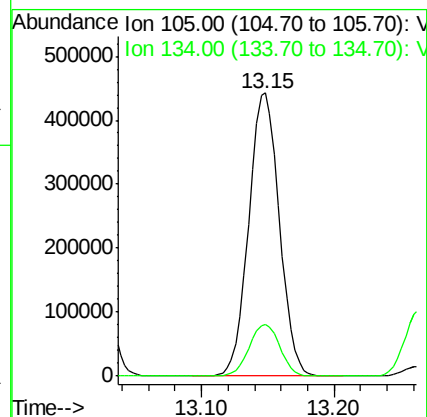
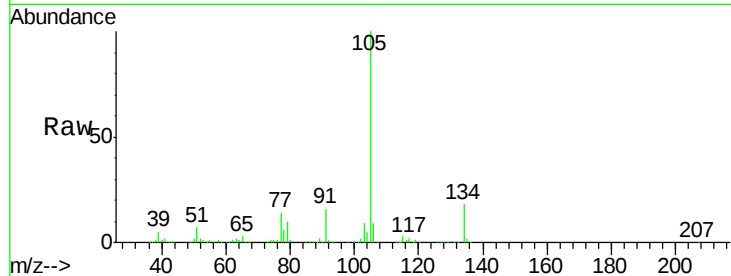
134 18.5 9.3 27.7

Manual Integrations

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9/23/2020 1:06:35 PM



#86

p-Isopropyltoluene

Concen: 50.298 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063553.D

Acq: 22 Sep 2020 23:41

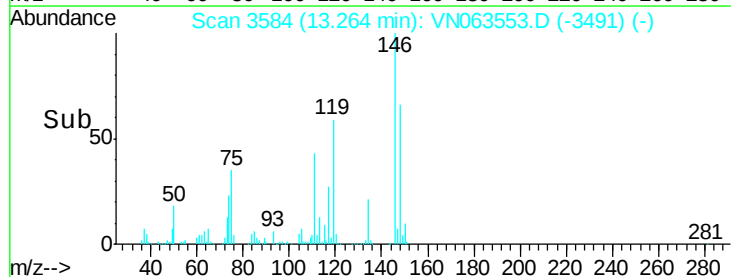
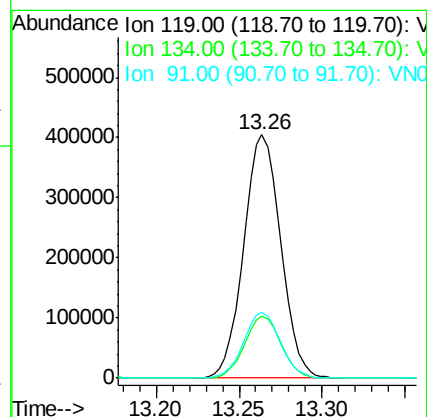
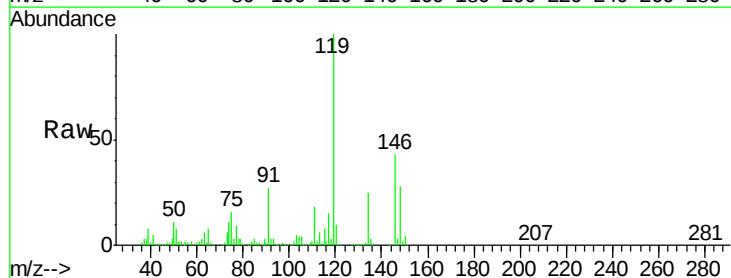
Tgt Ion:119 Resp: 628677

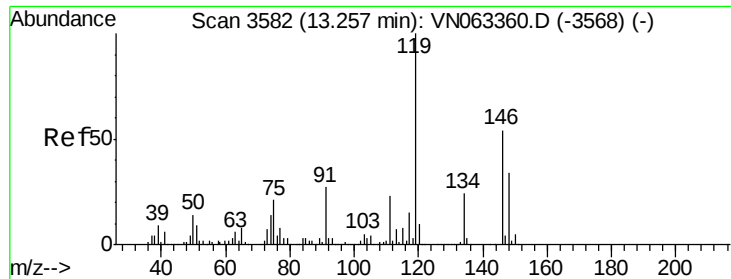
Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

91 26.7 13.4 40.1





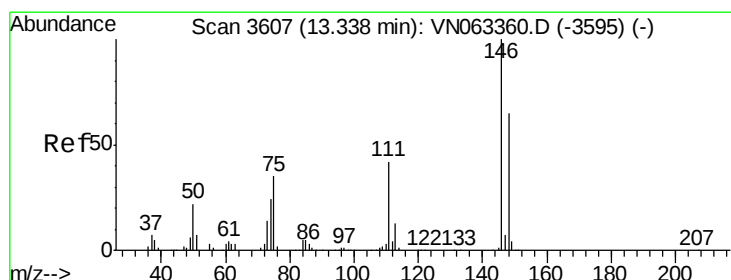
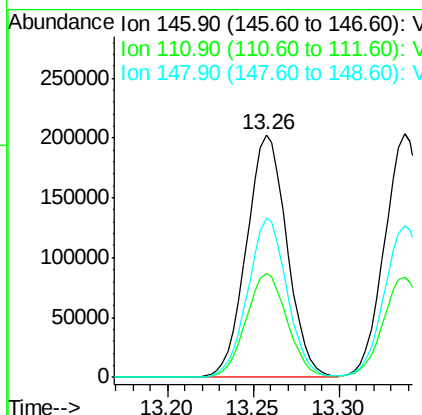
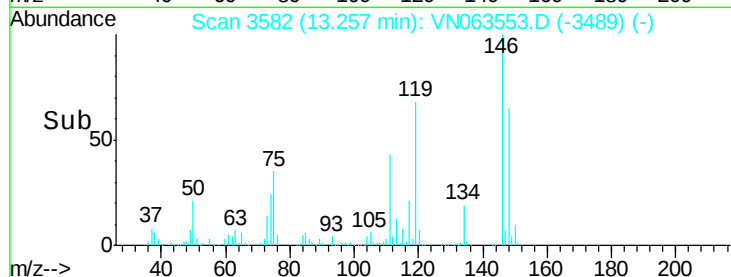
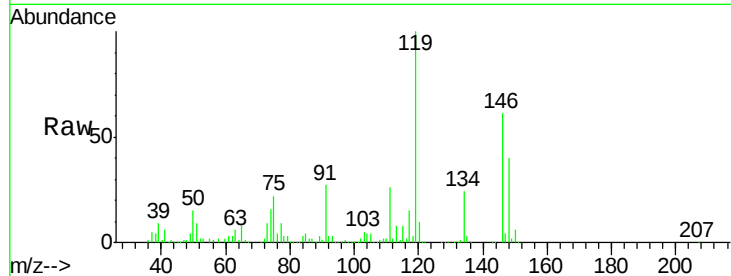
#87
 1,3-Dichlorobenzene
 Concen: 51.583 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.5	21.4	64.3	
148	63.8	31.9	95.7	

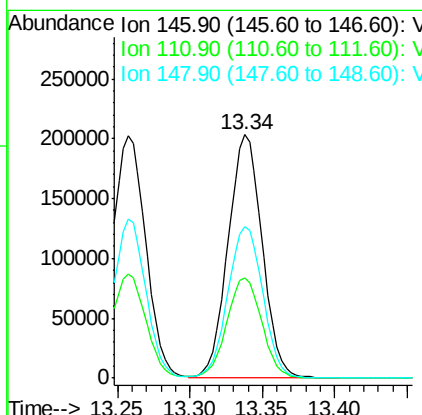
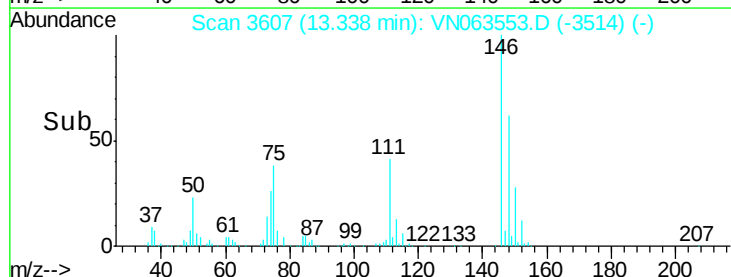
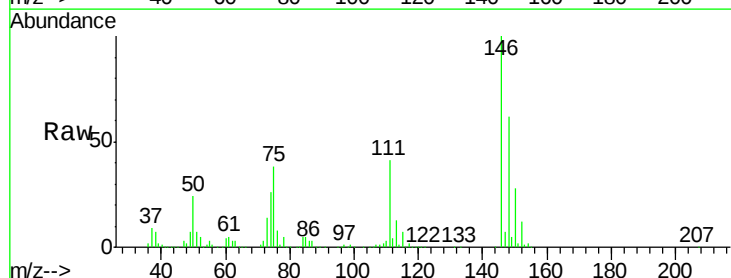
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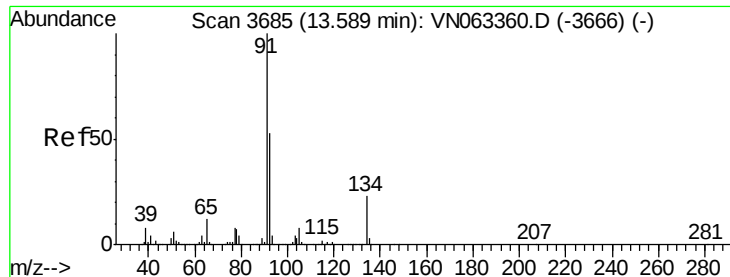
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#88
 1,4-Dichlorobenzene
 Concen: 50.774 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.0	21.2	63.6	
148	64.1	31.9	95.9	





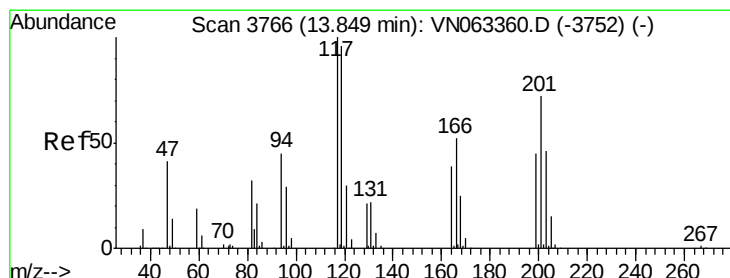
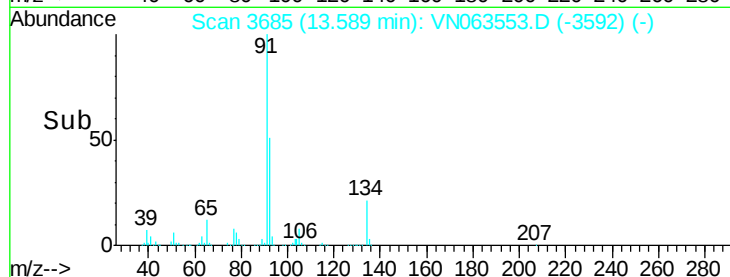
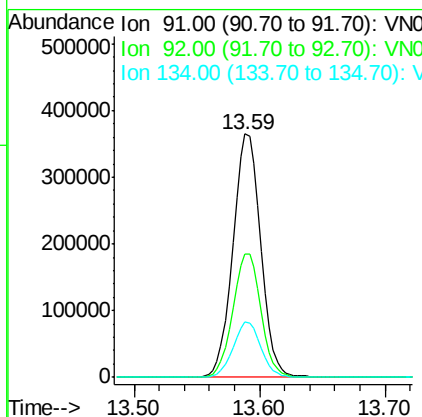
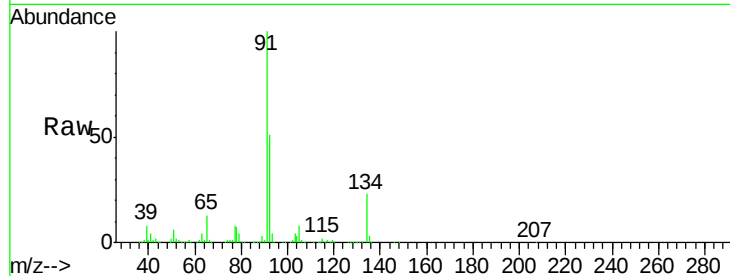
#89
n-Butylbenzene
Concen: 48.691 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	22.7	11.7	35.0

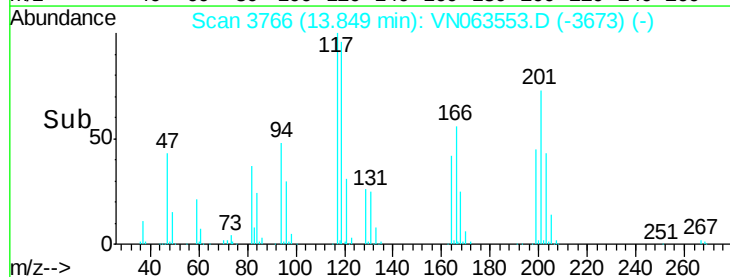
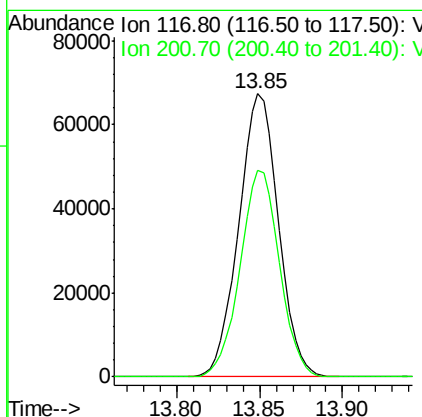
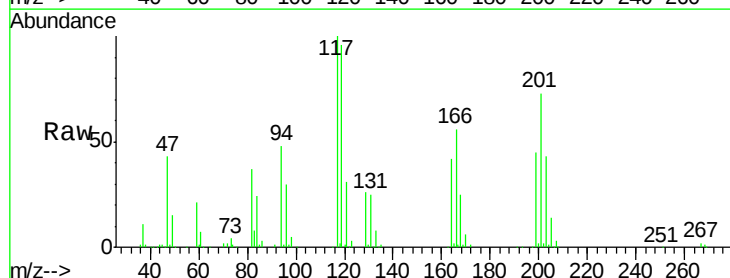
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#90
Hexachloroethane
Concen: 47.029 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.5	35.5	106.7





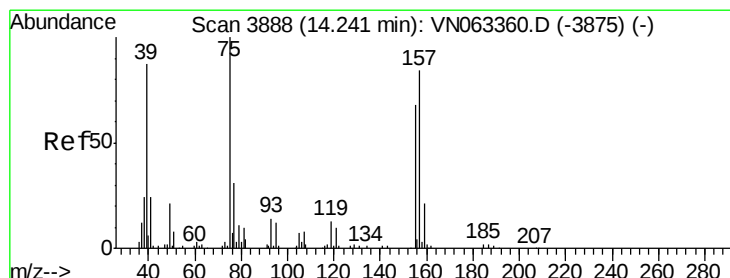
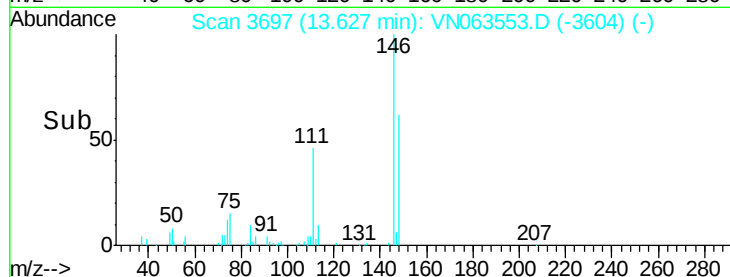
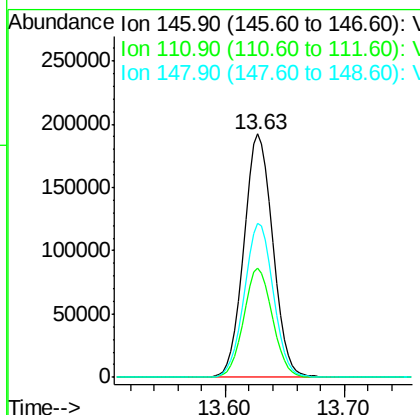
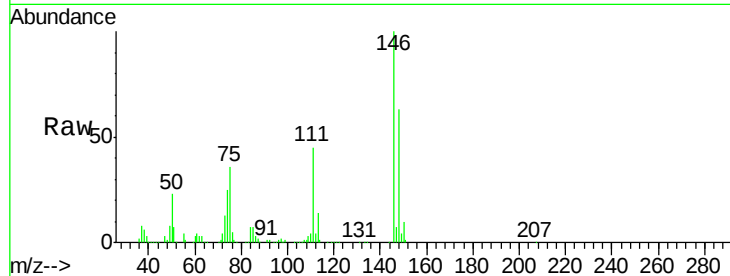
#91
 1,2-Dichlorobenzene
 Concen: 51.499 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.2
148	63.2	32.0	96.0

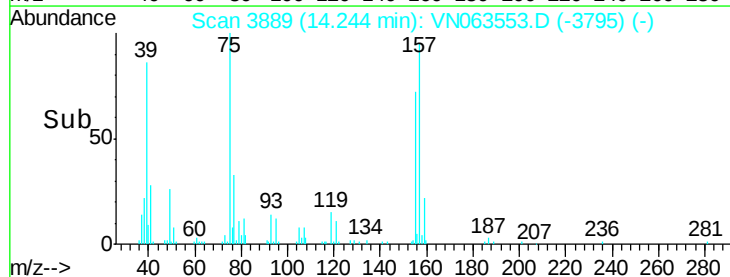
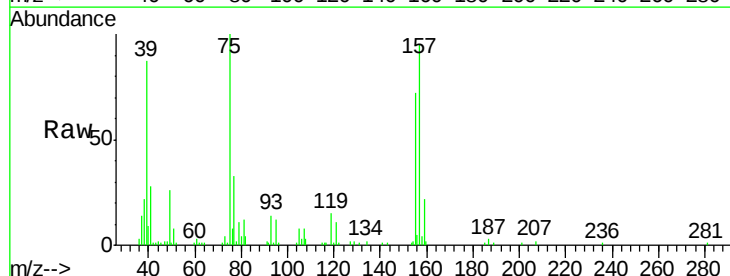
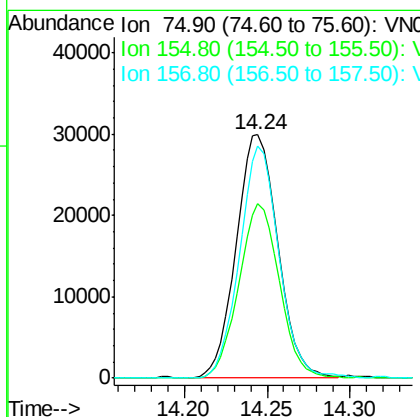
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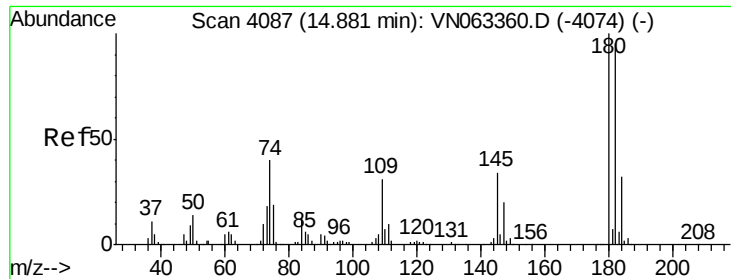
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.309 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063553.D
 Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.6	103.9
157	89.8	43.7	131.1





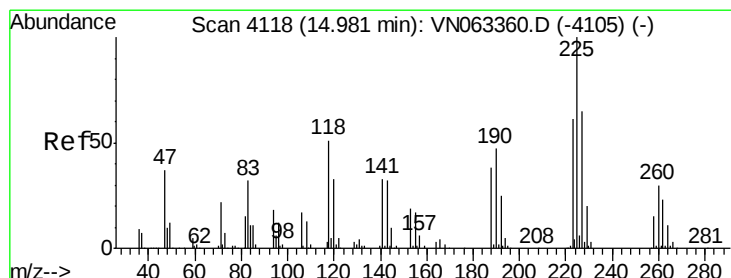
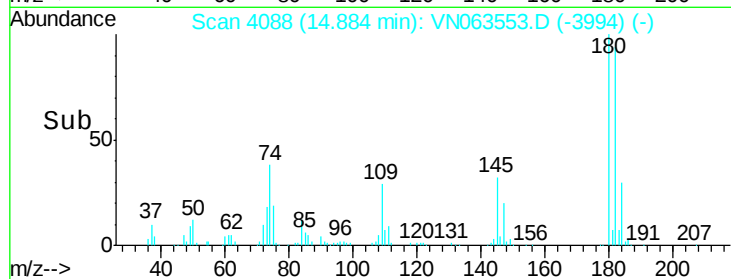
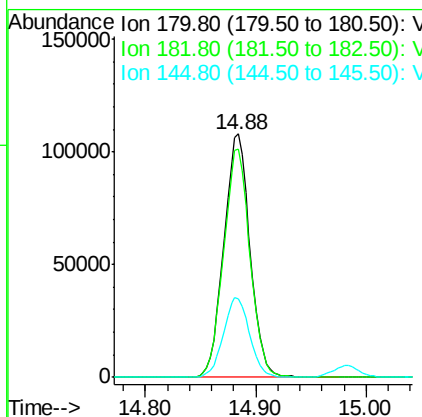
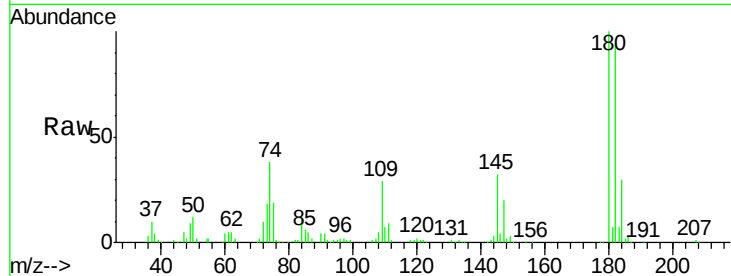
#93
1,2,4-Trichlorobenzene
Concen: 47.832 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	177552		
182	94.9	47.3	142.0	
145	32.8	16.6	49.7	

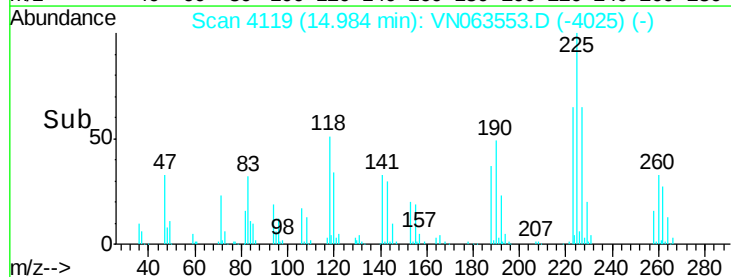
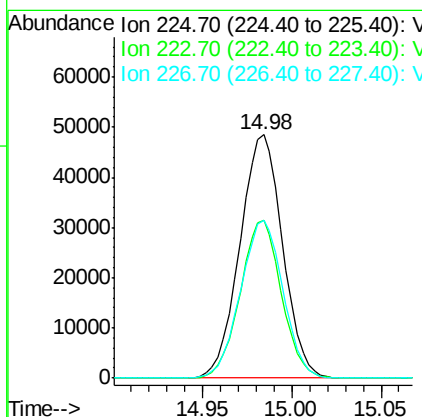
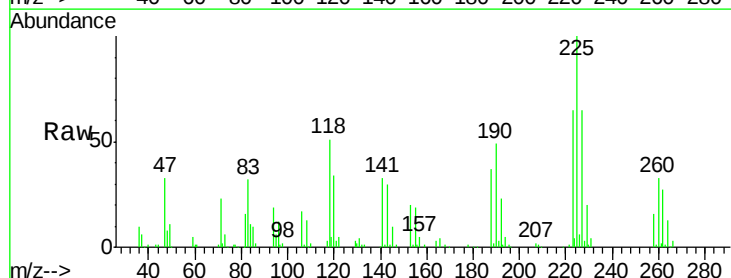
Manual Integrations
APPROVED

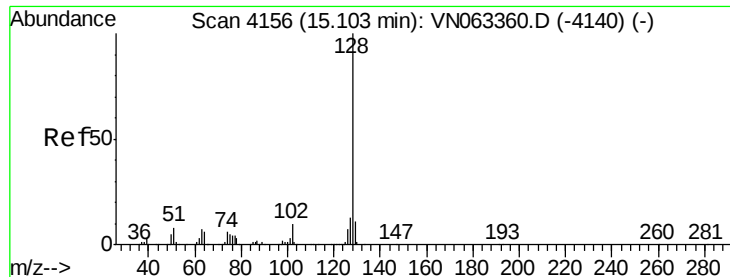
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#94
Hexachlorobutadiene
Concen: 52.447 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80597		
223	62.4	30.6	91.6	
227	64.5	31.2	93.6	





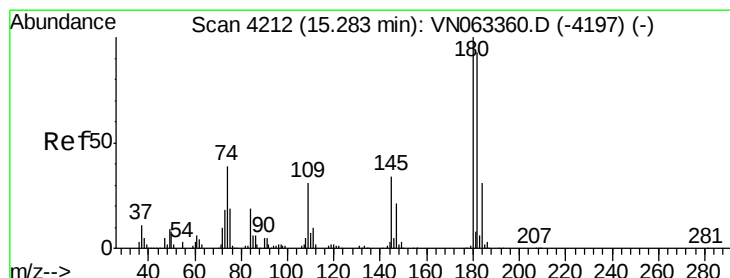
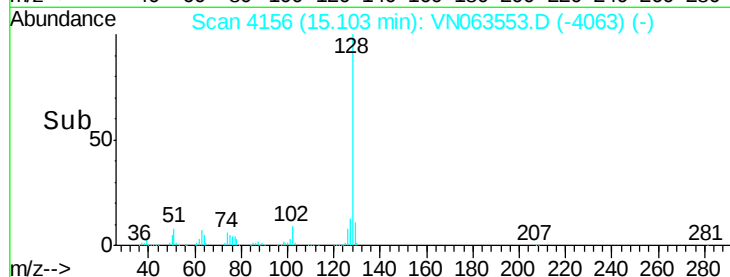
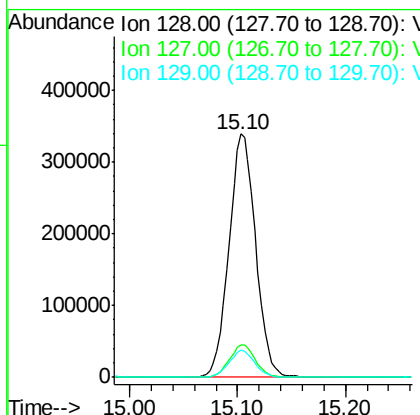
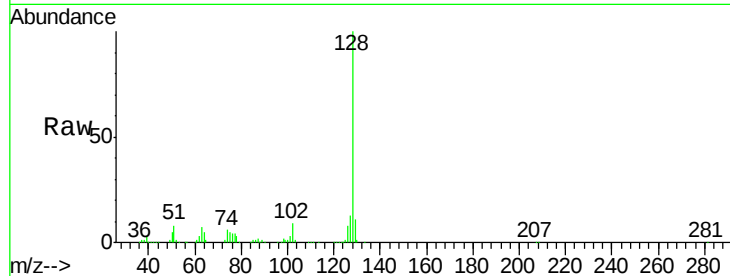
#95
Naphthalene
Concen: 47.752 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	585622		
127	13.1	10.6	15.8	
129	10.7	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.432 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063553.D
Acq: 22 Sep 2020 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173707		
182	96.0	46.7	140.1	
145	34.6	16.8	50.3	

