

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061658.D
 Acq On : 5 Jun 2020 9:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:49:04 AM

Quant Time: Jun 06 03:30:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	535385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	169376	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
35) Dibromofluoromethane	7.54	113	130644	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.06	98	586231	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.37	95	215705	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182403	46.872	ug/l	97
3) Chloromethane	2.03	50	190406	46.245	ug/l	100
4) Vinyl Chloride	2.16	62	259512	45.995	ug/l	98
5) Bromomethane	2.53	94	163877	50.617	ug/l	98
6) Chloroethane	2.67	64	170433	46.929	ug/l	99
7) Trichlorofluoromethane	2.98	101	324724	44.630	ug/l	100
8) Diethyl Ether	3.37	74	102281	45.973	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162363	50.288	ug/l	100
10) Methyl Iodide	3.91	142	212836	47.487	ug/l	99
11) Tert butyl alcohol	4.73	59	128965	241.070	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158454	45.936	ug/l	96
13) Acrolein	3.56	56	45001	296.022	ug/l	95
14) Allyl chloride	4.27	41	200524	44.466	ug/l	97
15) Acrylonitrile	4.92	53	338852	226.928	ug/l	100
16) Acetone	3.77	43	346078	313.799	ug/l	99
17) Carbon Disulfide	4.01	76	328198	43.246	ug/l	98
18) Methyl Acetate	4.27	43	162216	44.553	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	546074	46.450	ug/l	98
20) Methylene Chloride	4.50	84	182535	49.930	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	183781	47.244	ug/l	95
22) Diisopropyl ether	5.90	45	468850	47.171	ug/l	100
23) Vinyl Acetate	5.84	43	1744742	220.244	ug/l	98
24) 1,1-Dichloroethane	5.79	63	298327	47.333	ug/l	99
25) 2-Butanone	6.78	43	454887	238.644	ug/l	100
26) 2,2-Dichloropropane	6.77	77	289044	50.106	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	213984	48.578	ug/l	100
28) Bromochloromethane	7.15	49	113664	47.983	ug/l	97
29) Tetrahydrofuran	7.17	42	272138	216.509	ug/l	99
30) Chloroform	7.32	83	341303	48.948	ug/l	97
31) Cyclohexane	7.61	56	254085	44.825	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	305805	48.131	ug/l	99
36) 1,1-Dichloropropene	7.75	75	243736	51.426	ug/l	99
37) Ethyl Acetate	6.88	43	184532	48.340	ug/l	99
38) Carbon Tetrachloride	7.73	117	255629	55.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	287390	49.195	ug/l	96
40) Benzene	8.00	78	743383	50.834	ug/l	98
41) Methacrylonitrile	7.11	41	69230	39.583	ug/l	92
42) 1,2-Dichloroethane	8.08	62	241795	49.388	ug/l	100
43) Isopropyl Acetate	8.12	43	315528	45.942	ug/l	92
44) Trichloroethene	8.80	130	233830	52.029	ug/l	96
45) 1,2-Dichloropropane	9.08	63	179748	51.764	ug/l	99
46) Dibromomethane	9.17	93	134371	50.455	ug/l	96
47) Bromodichloromethane	9.37	83	274485	52.021	ug/l	99
48) Methyl methacrylate	9.16	41	142168	46.009	ug/l	99
49) 1,4-Dioxane	9.16	88	59529	1243.579	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	917498	237.065	ug/l	99
52) Toluene	10.12	92	504651	52.872	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	295235	51.941	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	315438	51.613	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	196055	51.557	ug/l	98
56) Ethyl methacrylate	10.40	69	271063	51.029	ug/l	97
57) 1,3-Dichloropropane	10.68	76	316264	52.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	469422	206.790	ug/l	99
59) 2-Hexanone	10.72	43	689793	248.171	ug/l	99
60) Dibromochloromethane	10.87	129	230873	53.405	ug/l	99
61) 1,2-Dibromoethane	10.98	107	207315	52.273	ug/l	100
64) Tetrachloroethene	10.60	164	257268	53.535	ug/l	96
65) Chlorobenzene	11.40	112	559636	52.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	216022	54.671	ug/l	99
67) Ethyl Benzene	11.48	91	971063	52.943	ug/l	99
68) m/p-Xylenes	11.59	106	780422	107.311	ug/l	98
69) o-Xylene	11.92	106	368377	53.330	ug/l	98
70) Styrene	11.94	104	626320	54.753	ug/l	99
71) Bromoform	12.10	173	165047	54.207	ug/l #	99
73) Isopropylbenzene	12.22	105	984812	51.435	ug/l	99
74) N-amyl acetate	12.04	43	280890	46.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	247692	46.163	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	248835m	52.164	ug/l	
77) Bromobenzene	12.50	156	252759	51.717	ug/l	96
78) n-propylbenzene	12.56	91	1100058	51.465	ug/l	100
79) 2-Chlorotoluene	12.65	91	633527	49.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	816725	51.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87891	47.118	ug/l	98
82) 4-Chlorotoluene	12.75	91	671559	50.085	ug/l	99
83) tert-Butylbenzene	12.97	119	703083	49.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	822232	51.719	ug/l	99
85) sec-Butylbenzene	13.15	105	911812	50.045	ug/l	100
86) p-Isopropyltoluene	13.26	119	854723	50.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	459597	53.104	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	462036	52.405	ug/l	99
89) n-Butylbenzene	13.59	91	702607	49.993	ug/l	99
90) Hexachloroethane	13.85	117	120418	64.893	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	432620	52.307	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45927	41.970	ug/l	92

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VSTDCCC050

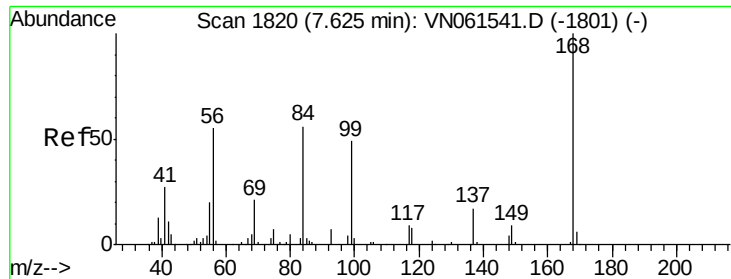
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	256608	53.050	ug/l	99
94) Hexachlorobutadiene	14.99	225	99940	48.445	ug/l	100
95) Naphthalene	15.10	128	716877	48.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	242868	51.067	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 337574

Ion Ratio Lower Upper

168 100

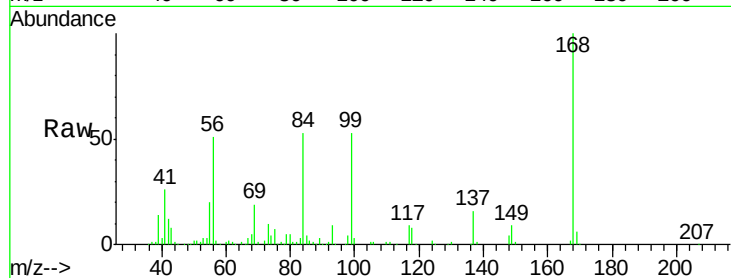
99 52.7 45.0 67.4

Manual Integrations

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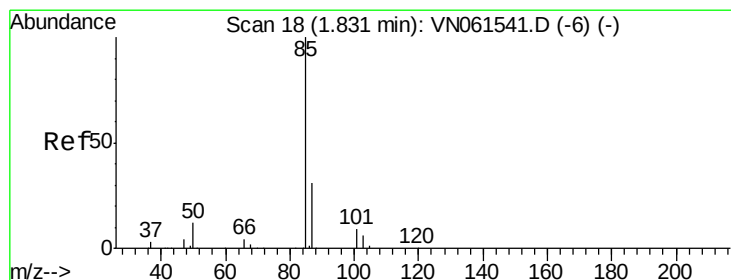
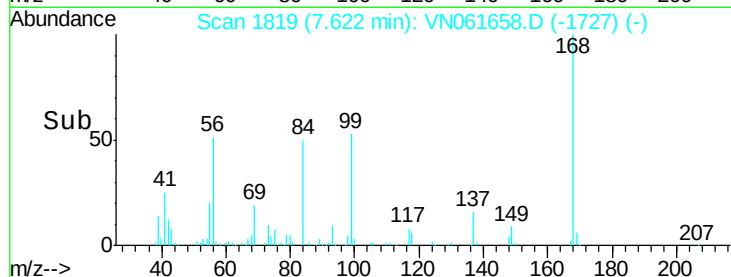
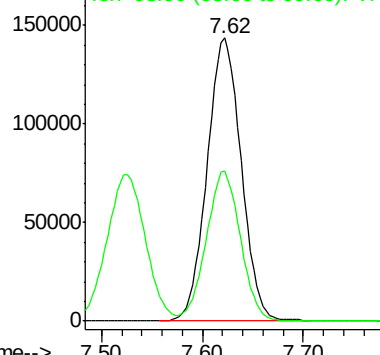
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 46.872 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061658.D

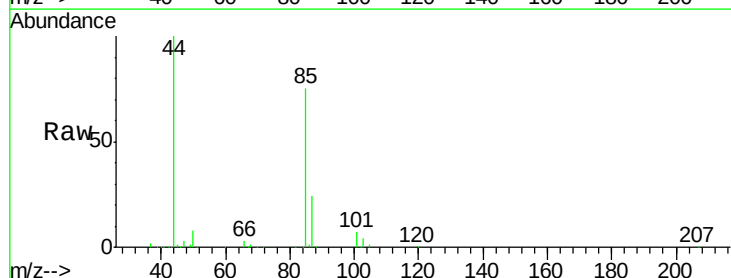
Acq: 5 Jun 2020 9:45

Tgt Ion: 85 Resp: 182403

Ion Ratio Lower Upper

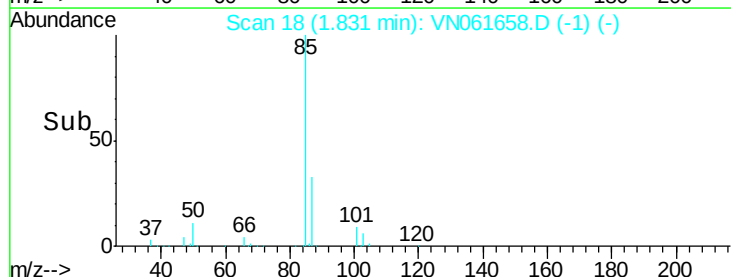
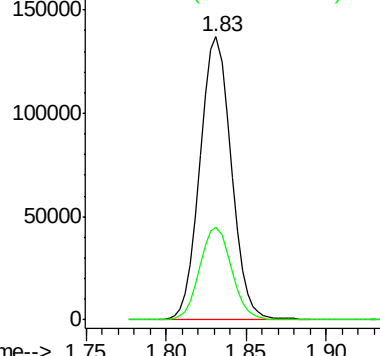
85 100

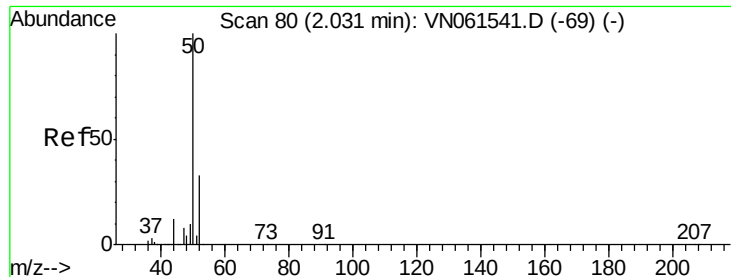
87 32.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 46.245 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 190406

Ion Ratio Lower Upper

50 100

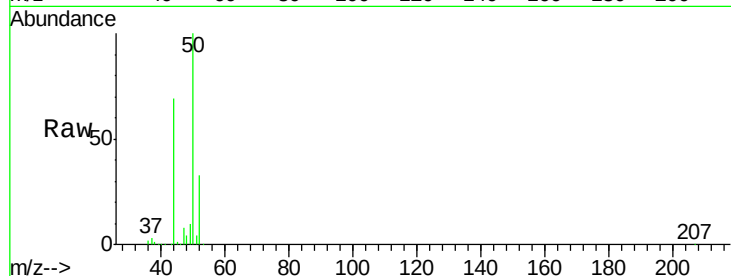
52 33.5 26.7 40.1

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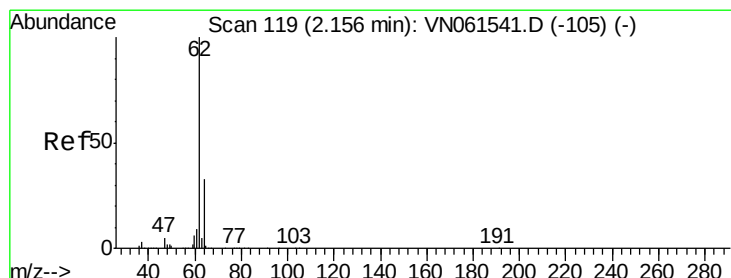
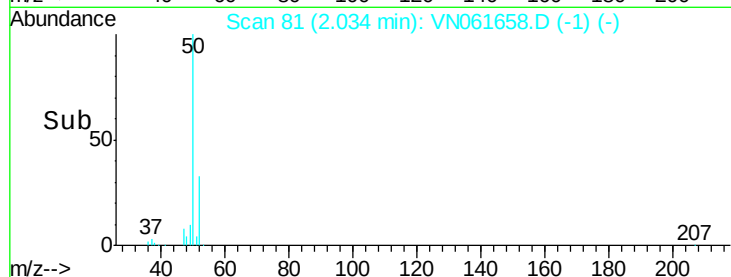
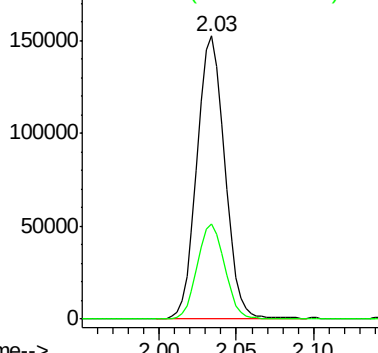
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 45.995 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061658.D

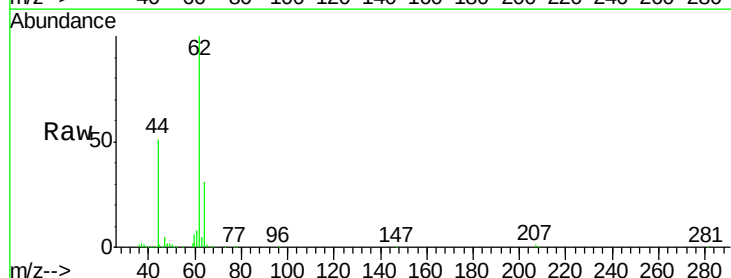
Acq: 5 Jun 2020 9:45

Tgt Ion: 62 Resp: 259512

Ion Ratio Lower Upper

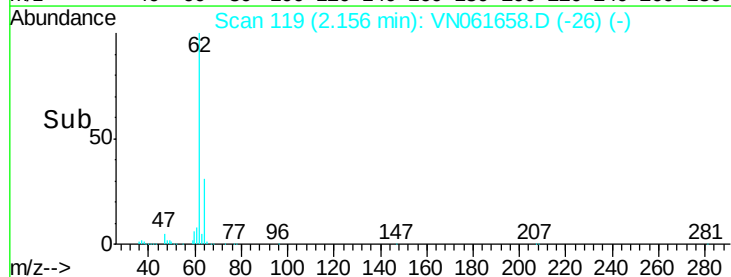
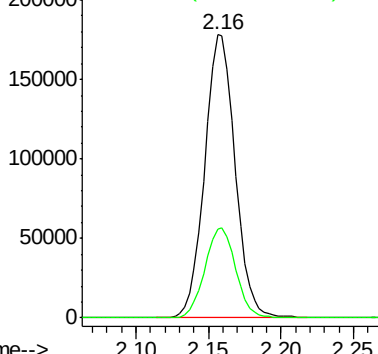
62 100

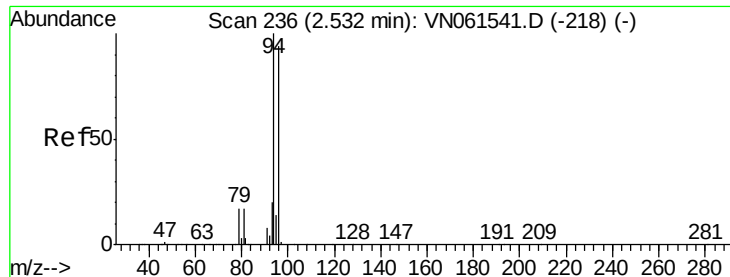
64 31.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 50.617 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 163877

Ion Ratio Lower Upper

94 100

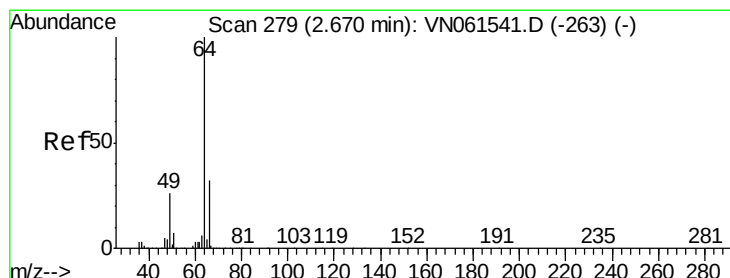
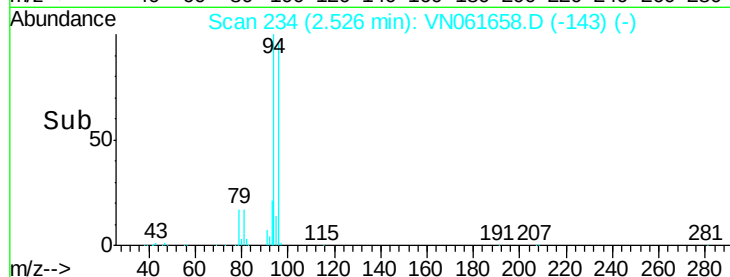
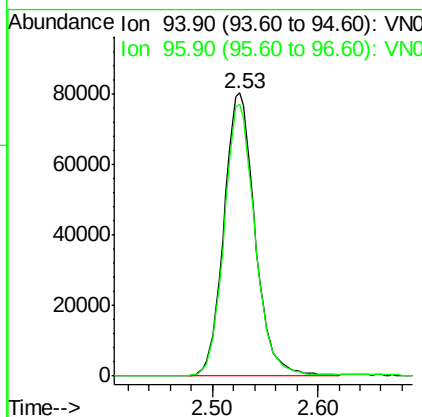
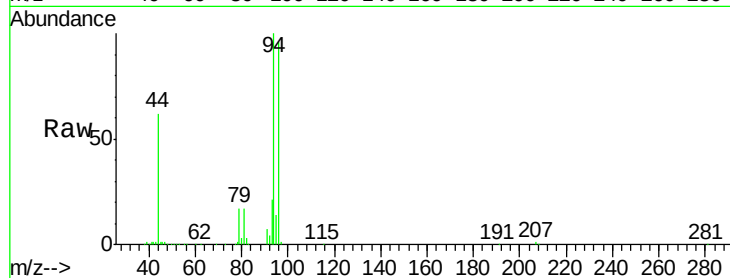
96 95.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 46.929 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061658.D

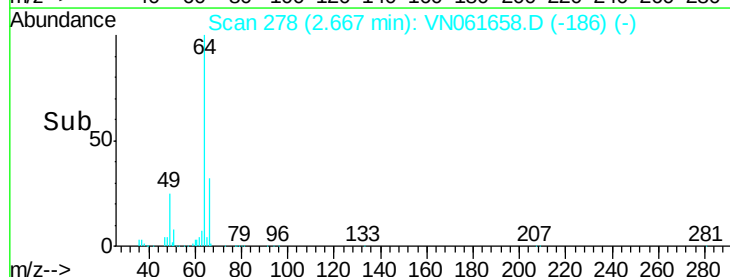
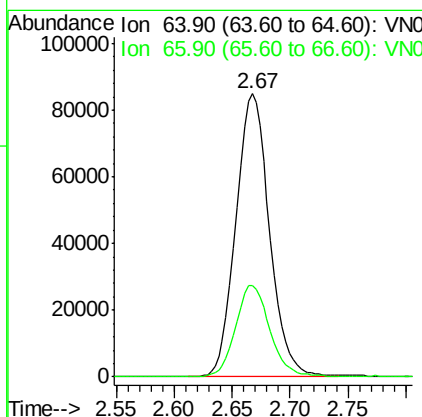
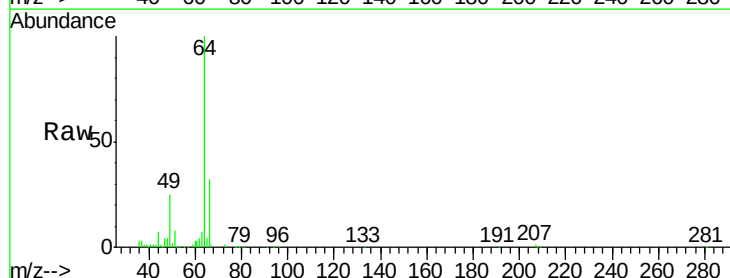
Acq: 5 Jun 2020 9:45

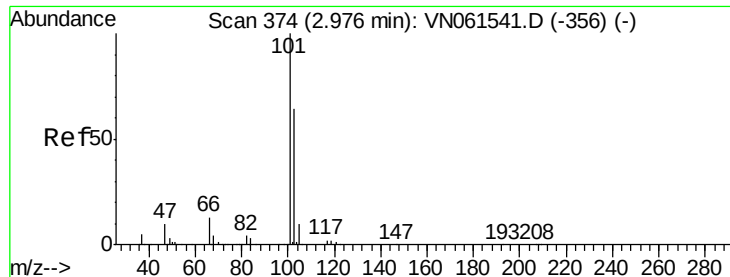
Tgt Ion: 64 Resp: 170433

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

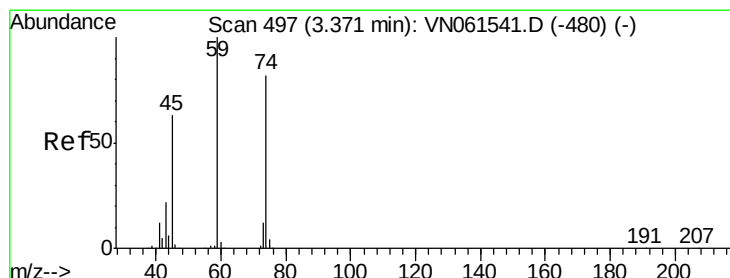
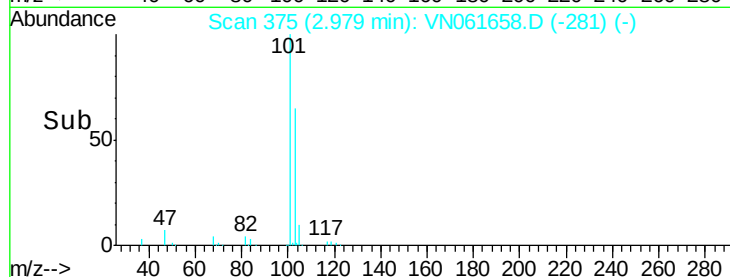
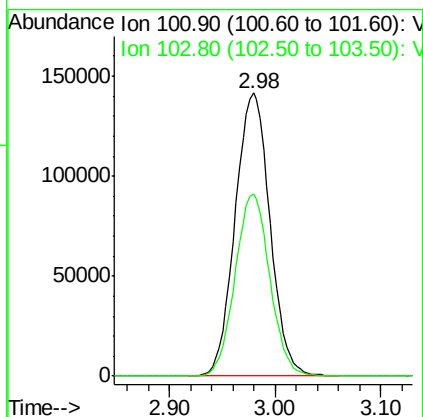
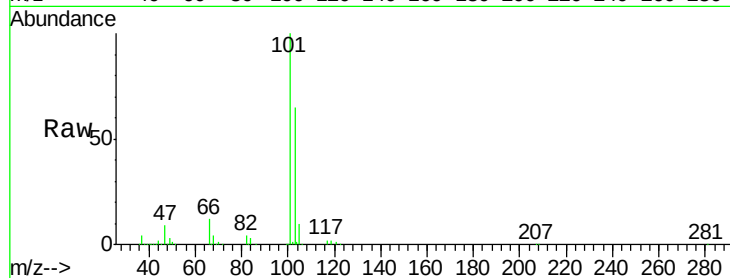
Trichlorofluoromethane
Concen: 44.630 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.2

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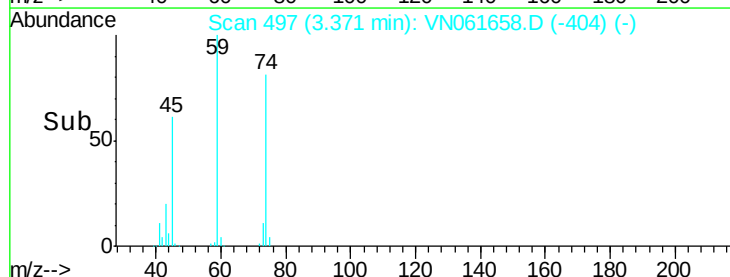
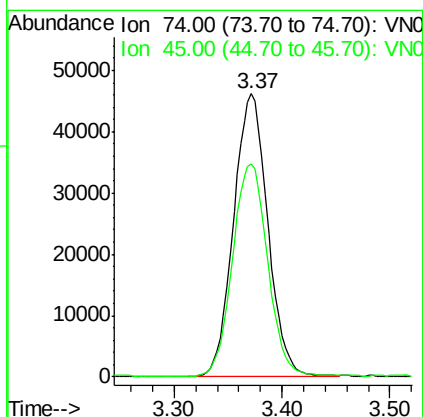
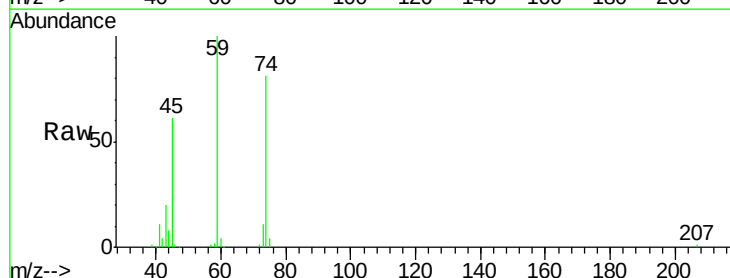
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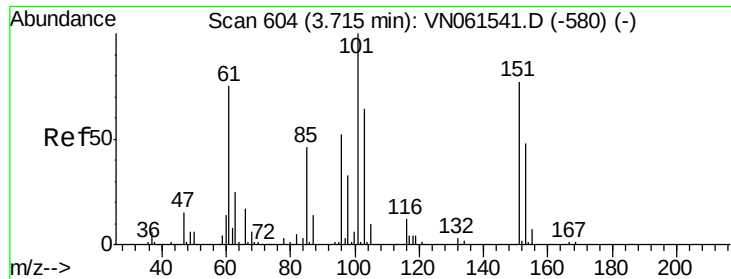


#8

Diethyl Ether
Concen: 45.973 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.3	39.9	119.7





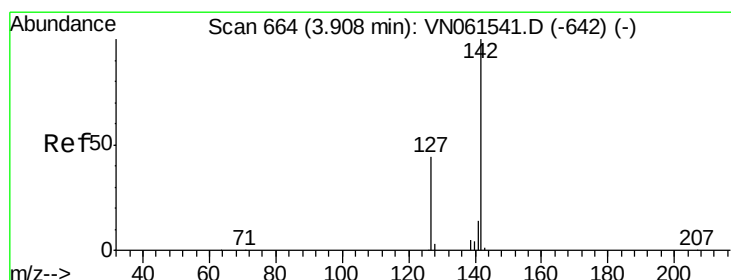
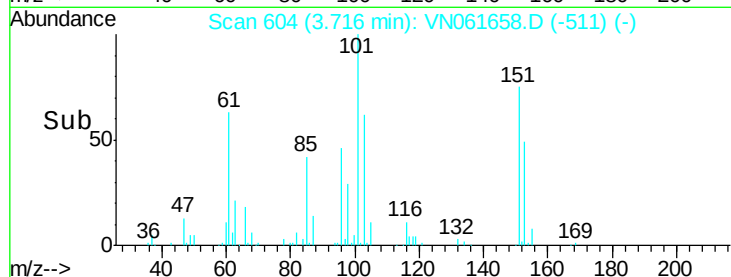
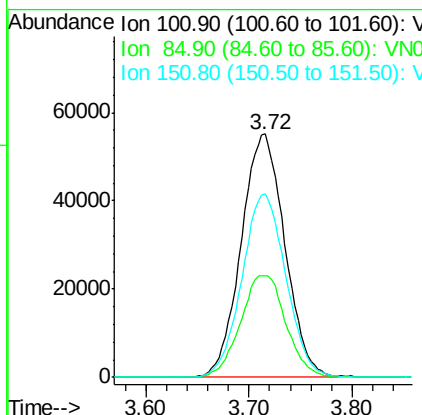
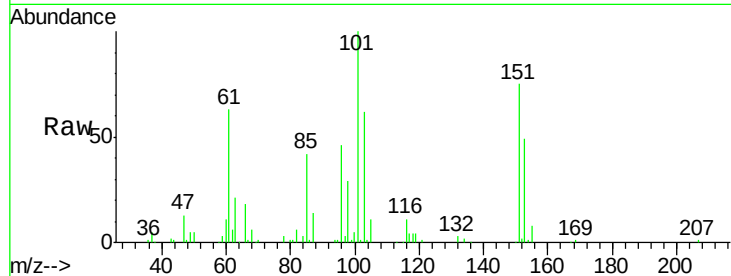
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.288 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	162363		
85	43.4	35.2	52.8	
151	76.1	61.0	91.6	

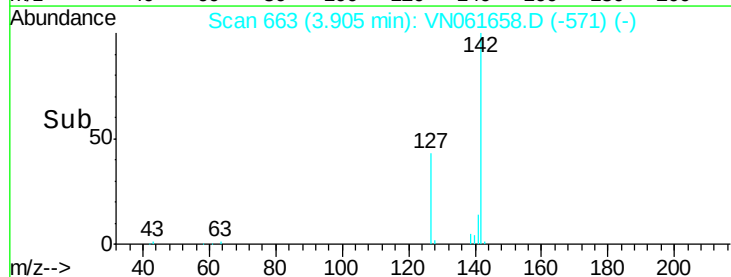
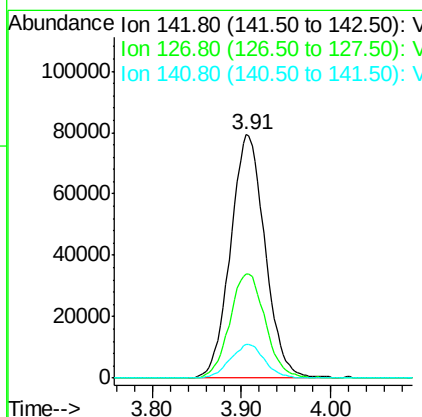
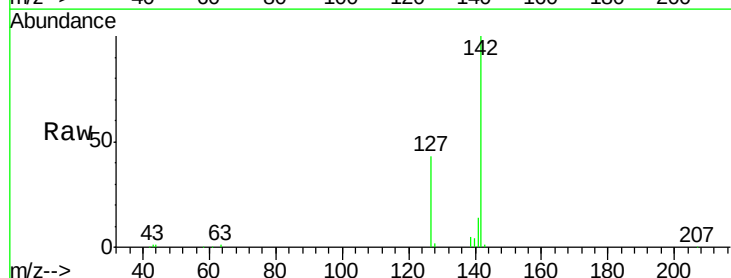
Manual Integrations
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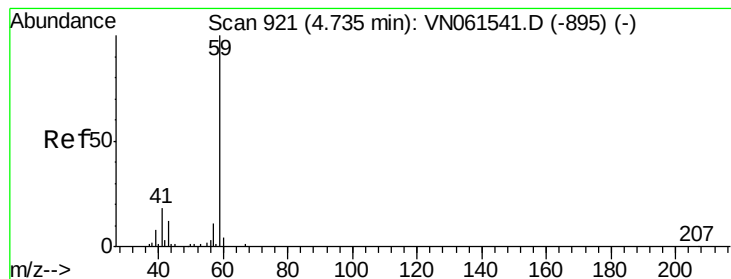
MMDadoda
 6/8/2020 11:49:04 AM



#10
 Methyl Iodide
 Concen: 47.487 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	212836		
127	44.0	35.5	53.3	
141	13.8	11.5	17.3	





#11

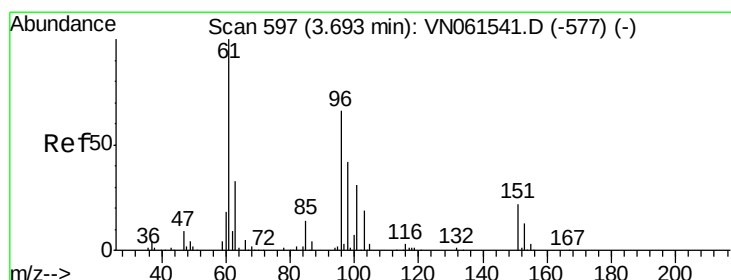
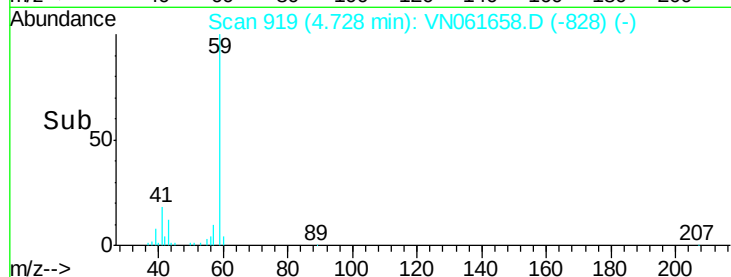
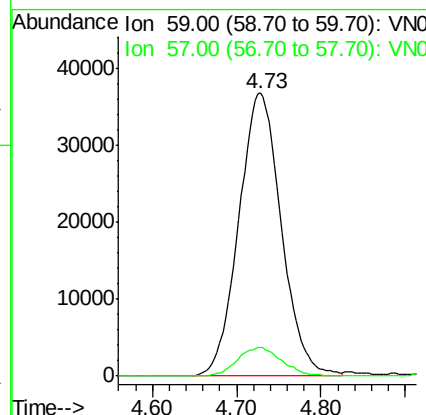
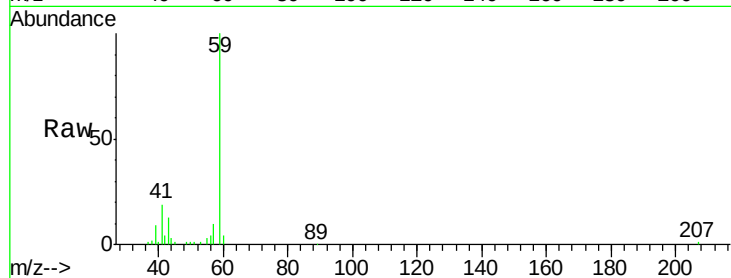
Tert butyl alcohol
Concen: 241.070 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	128965		
57	10.5		8.4	12.6

Manual Integrations
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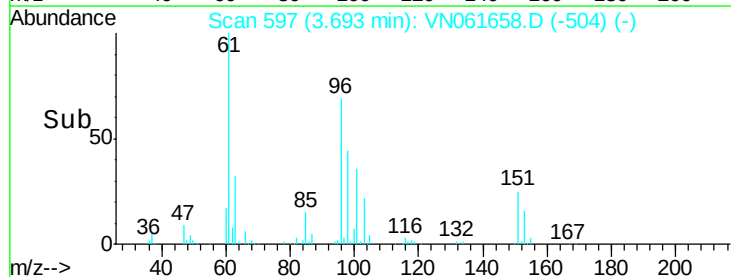
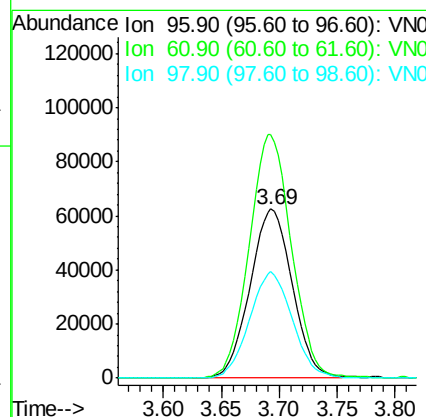
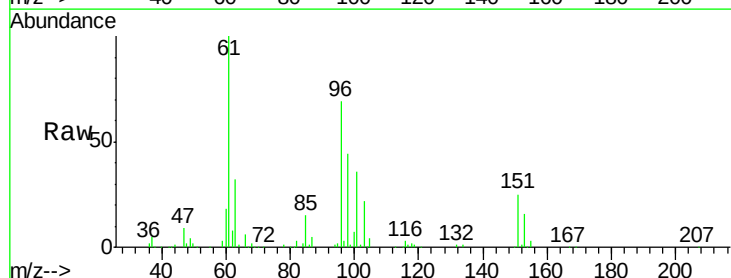
MMDadoda
6/8/2020 11:49:04 AM

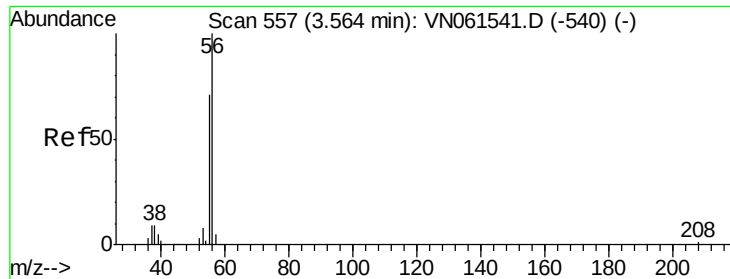


#12

1,1-Dichloroethene
Concen: 45.936 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	158454		
61	143.9		120.5	180.7
98	62.9		50.8	76.2





#13

Acrolein

Concen: 296.022 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45001

Ion Ratio Lower Upper

56 100

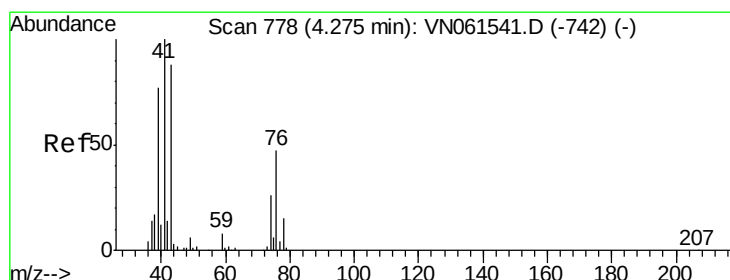
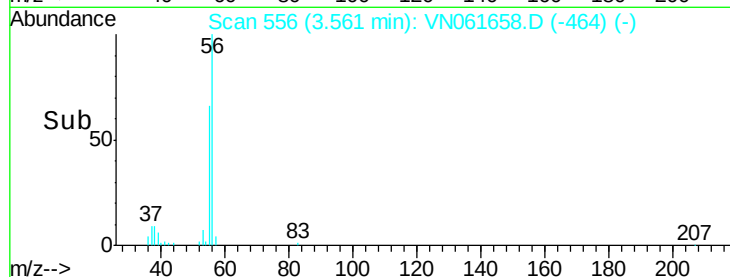
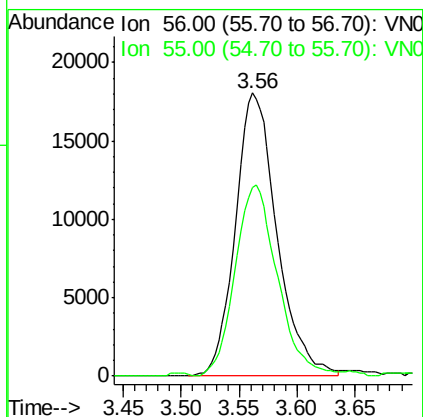
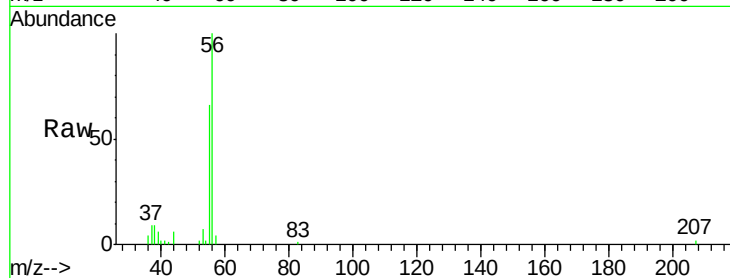
55 68.6 58.0 87.0

Manual Integrations

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MMDadoda

6/8/2020 11:49:04 AM



#14

Allyl chloride

Concen: 44.466 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

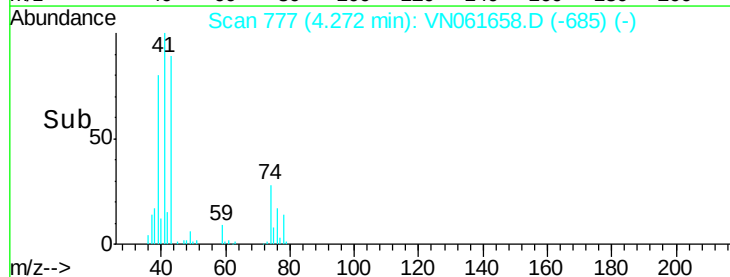
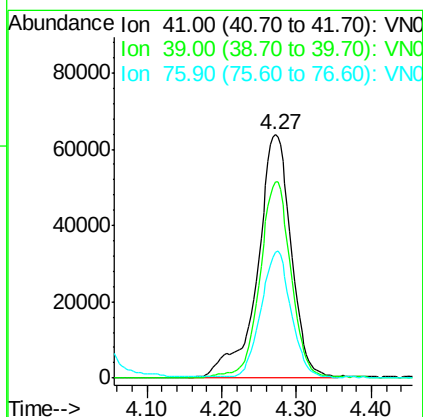
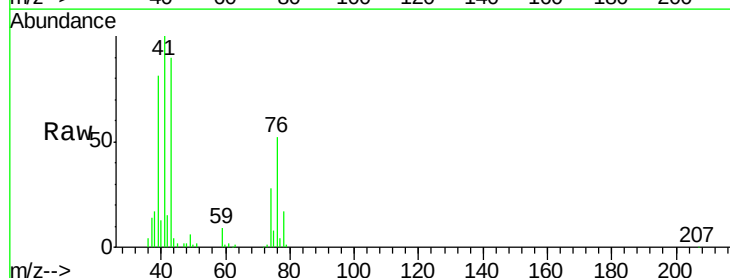
Tgt Ion: 41 Resp: 200524

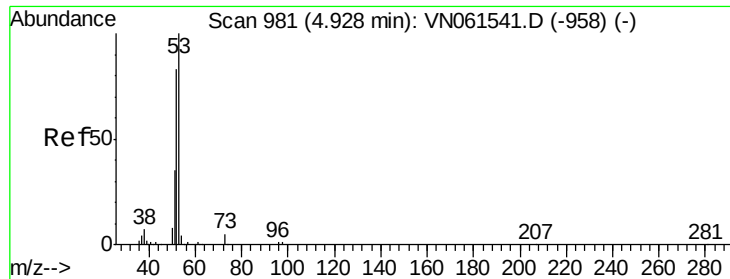
Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

76 46.7 34.2 51.4





#15

Acrylonitrile

Concen: 226.928 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

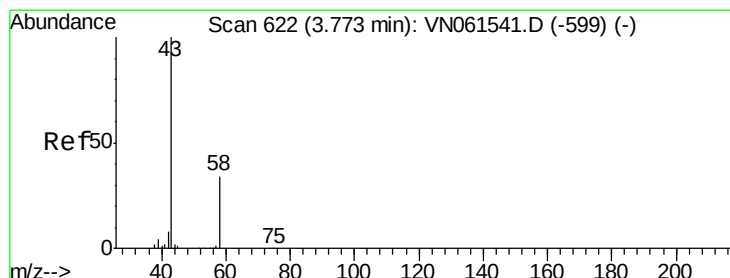
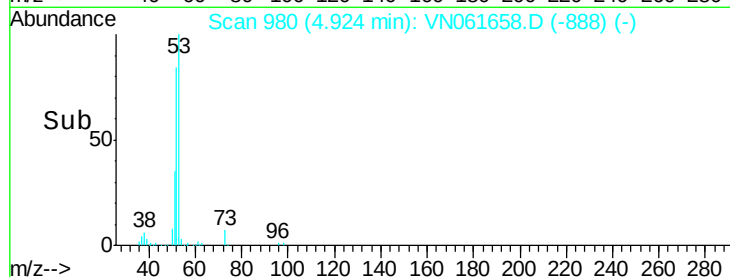
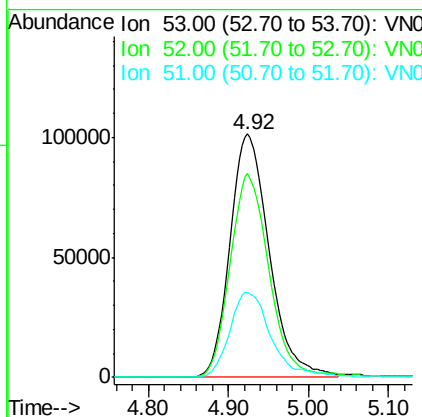
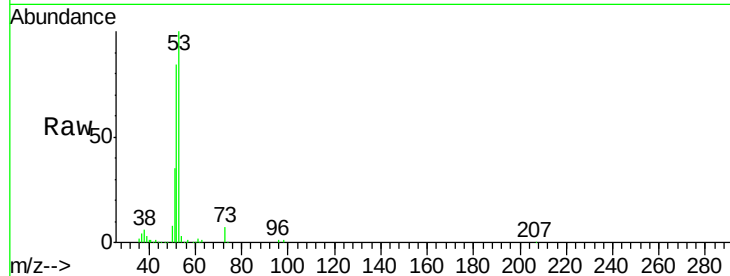
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	338852
Ion Ratio		Lower	Upper
53	100		
52	82.0	65.4	98.2
51	36.8	29.0	43.6

Manual Integrations
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6/8/2020 11:49:04 AM



#16

Acetone

Concen: 313.799 ug/l

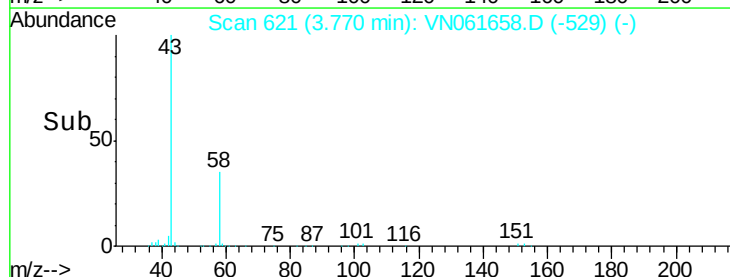
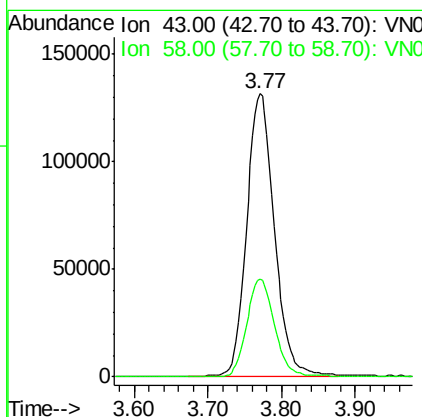
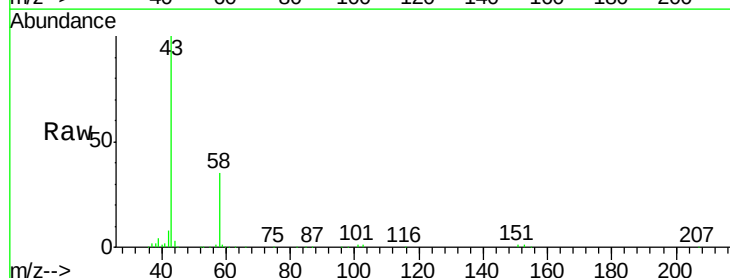
RT: 3.77 min Scan# 621

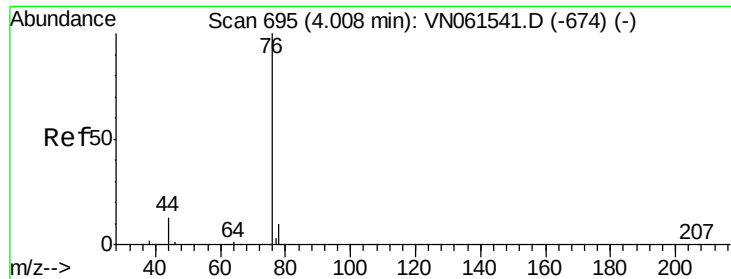
Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion:	43	Resp:	346078
Ion Ratio		Lower	Upper
43	100		
58	34.6	27.2	40.8





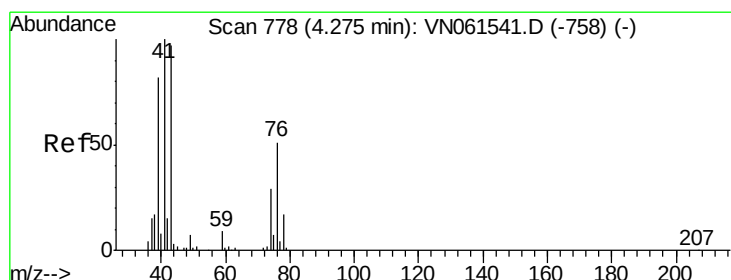
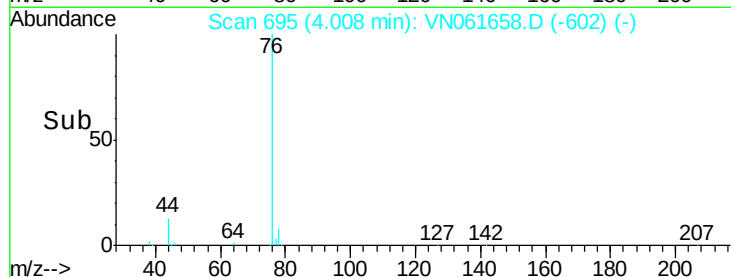
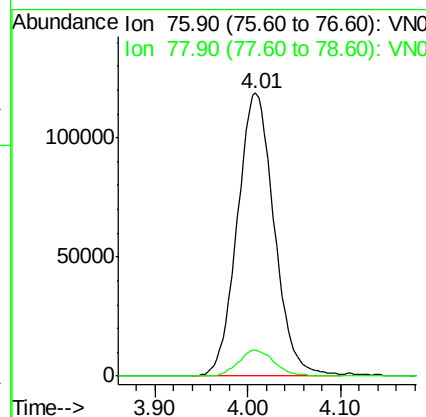
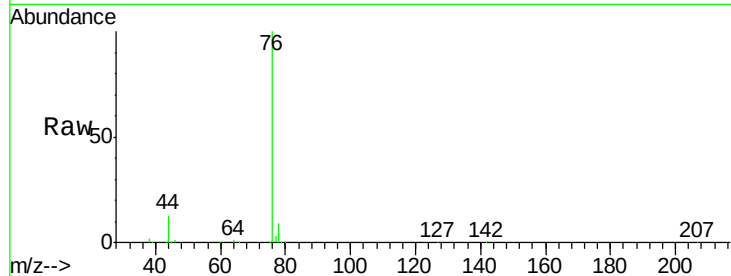
#17
Carbon Disulfide
Concen: 43.246 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	328198		
78	9.1		7.8	11.6

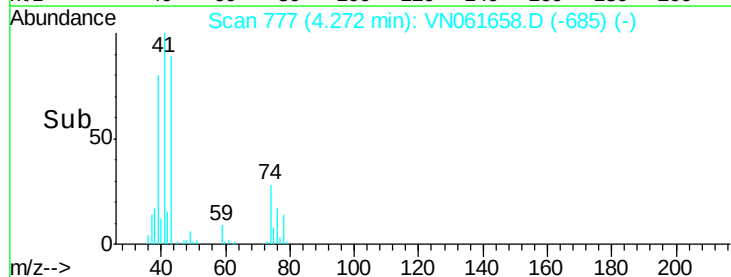
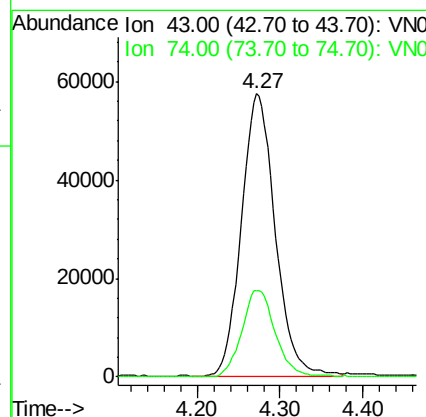
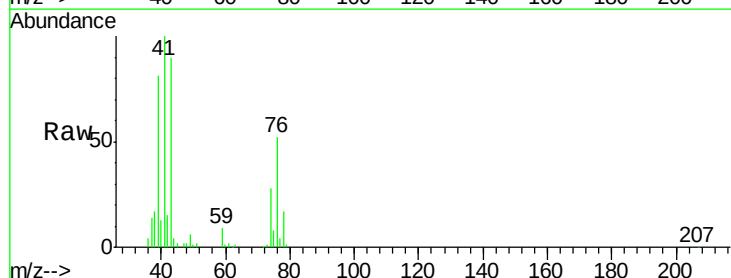
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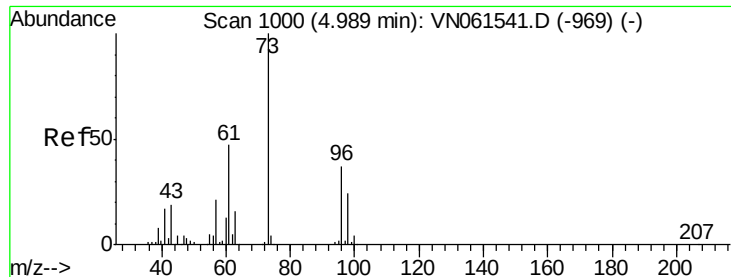
MMDadoda
6/8/2020 11:49:04 AM



#18
Methyl Acetate
Concen: 44.553 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	162216		
74	30.1		23.2	34.8





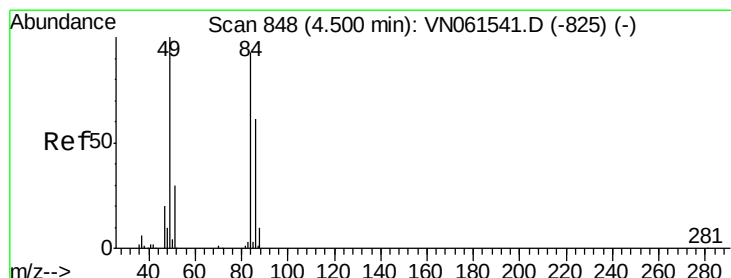
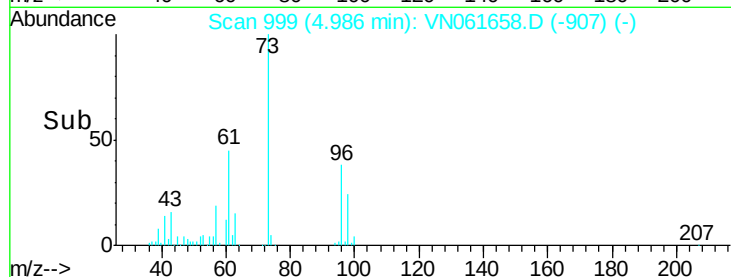
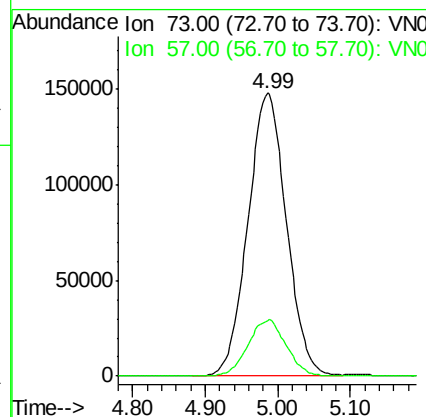
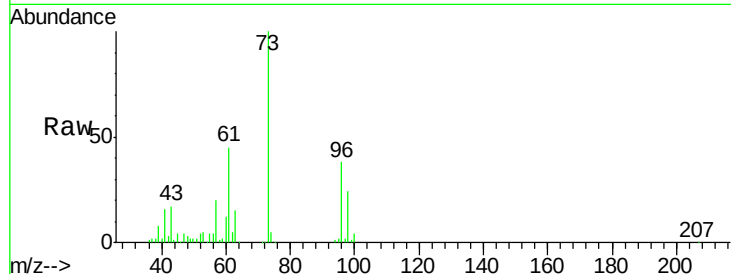
#19
Methvl tert-butvl Ether
Concen: 46.450 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 546074
Ion Ratio Lower Upper
73 100
57 19.7 16.4 24.6

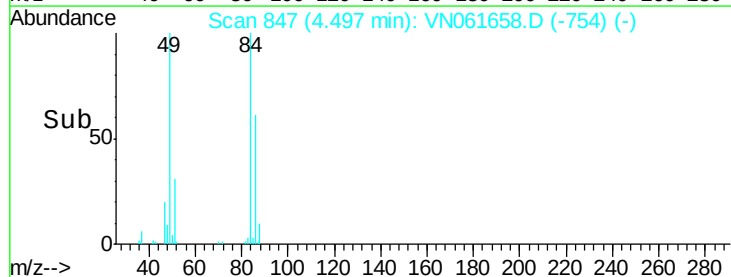
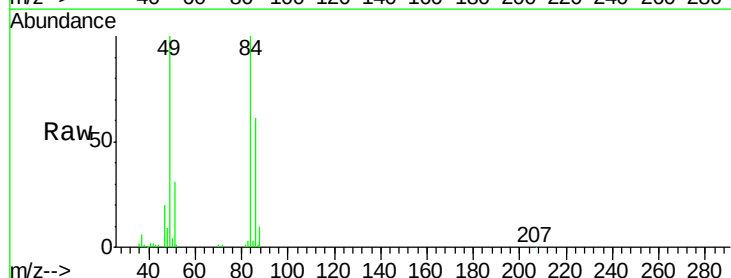
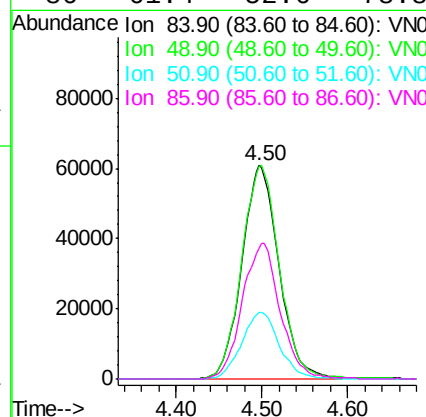
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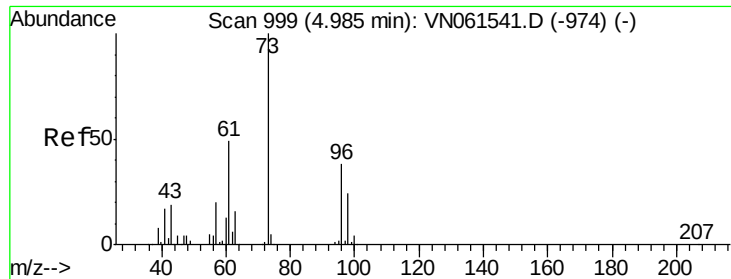
MMDadoda
6/8/2020 11:49:04 AM



#20
Methylene Chloride
Concen: 49.930 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 84 Resp: 182535
Ion Ratio Lower Upper
84 100
49 99.7 85.8 128.8
51 31.1 26.2 39.2
86 61.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.244 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

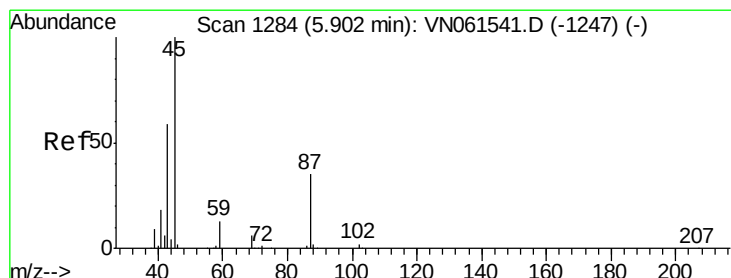
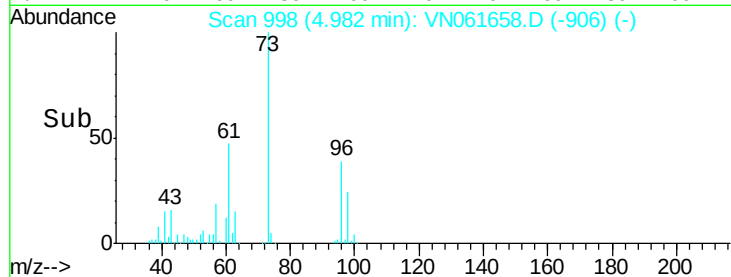
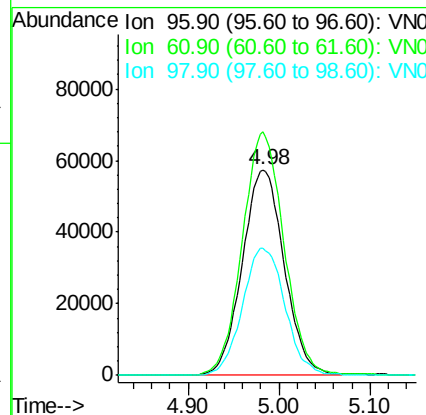
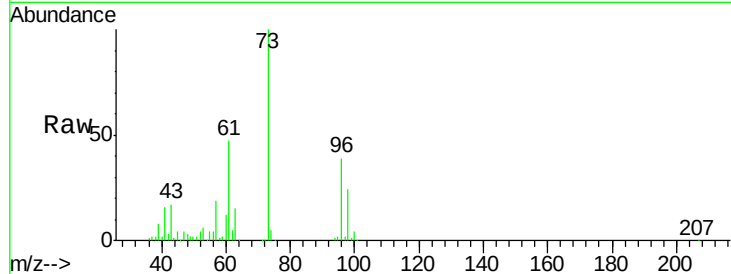
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	183781
Ion	Ratio	Lower	Upper
96	100		
61	118.4	101.4	152.0
98	61.7	50.6	76.0

Manual Integrations
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MMDadoda
6/8/2020 11:49:04 AM



#22

Diisopropyl ether

Concen: 47.171 ug/l

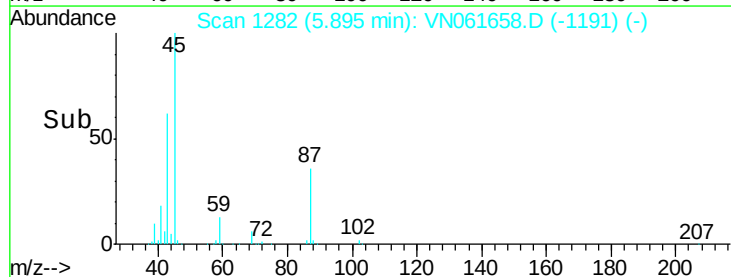
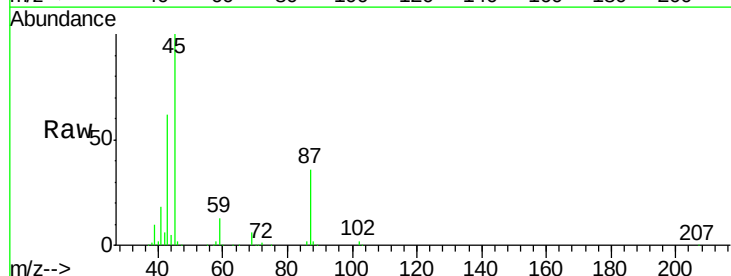
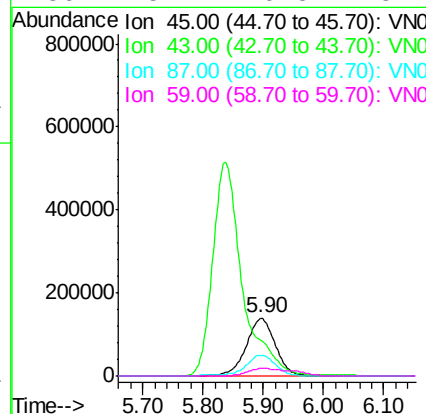
RT: 5.90 min Scan# 1282

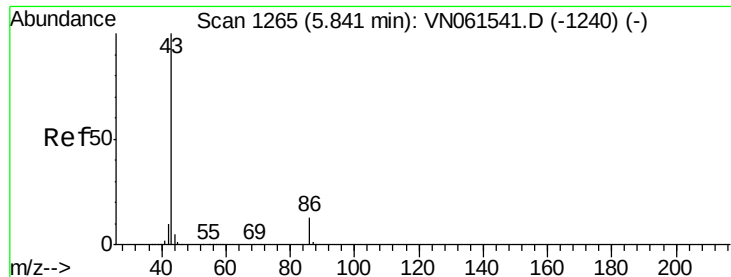
Delta R.T. -0.01 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion:	45	Resp:	468850
Ion	Ratio	Lower	Upper
45	100		
43	60.2	47.9	71.9
87	35.9	28.4	42.6
59	13.1	10.5	15.7





#23

Vinyl Acetate

Concen: 220.244 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1744742

Ion Ratio Lower Upper

43 100

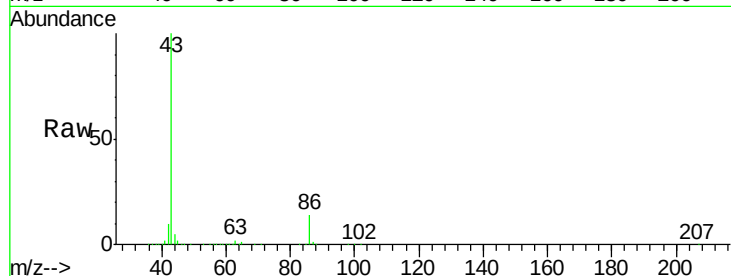
86 14.0 10.6 16.0

Manual Integrations

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MMDadoda

6/8/2020 11:49:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VN061658.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN061658.D (-1172) (-)

600000

500000

400000

300000

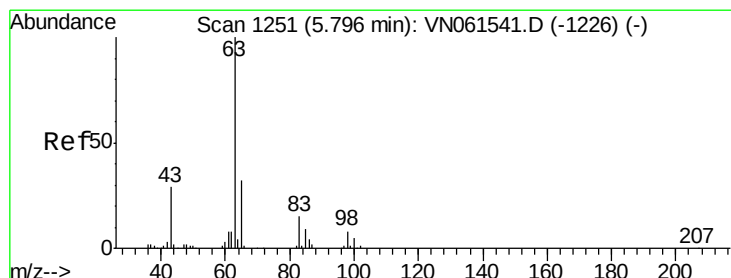
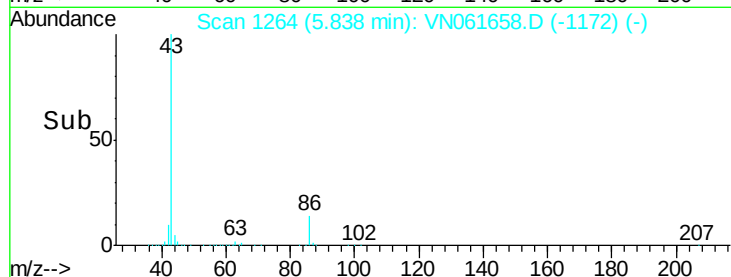
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 47.333 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

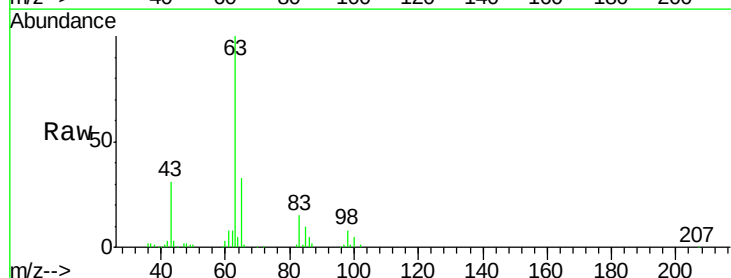
Tgt Ion: 63 Resp: 298327

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 4.9 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061658.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061658.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061658.D (-1158) (-)

120000

100000

80000

60000

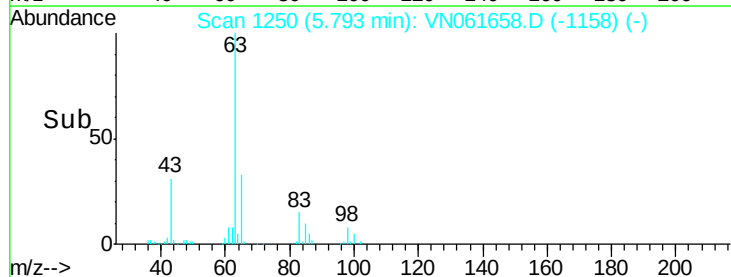
40000

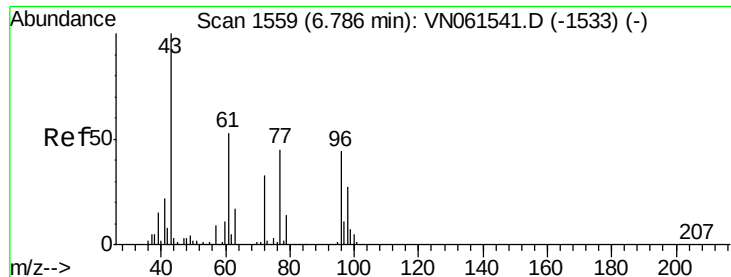
20000

0

5.70 5.80 5.90

Time-->





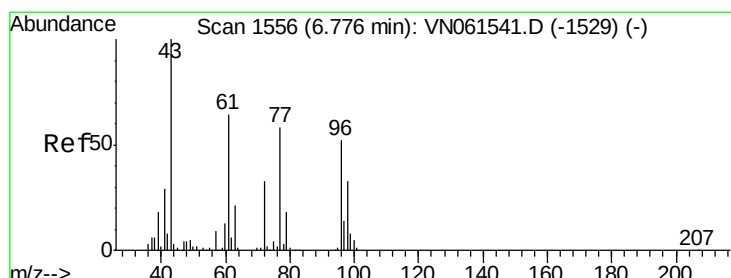
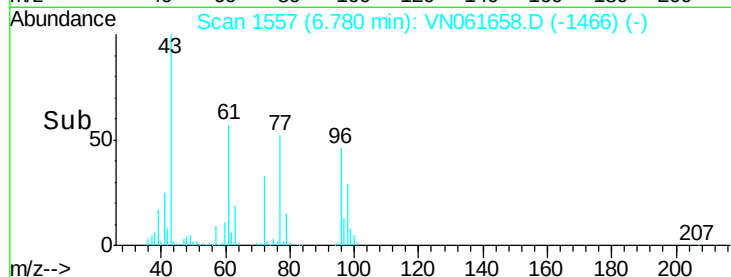
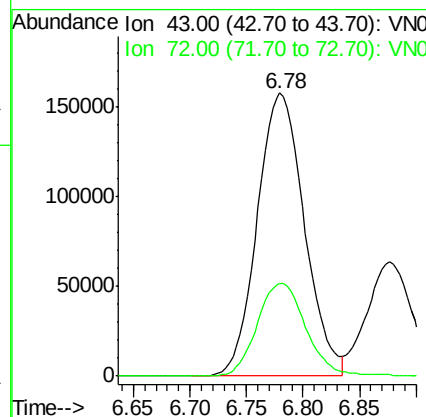
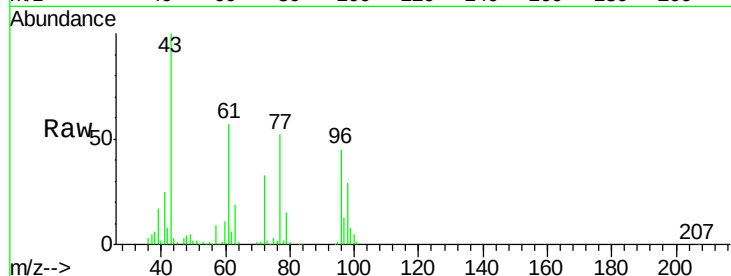
#25
2-Butanone
Concen: 238.644 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	454887
Ion Ratio	100	Lower	Upper
72	32.8	26.0	39.0

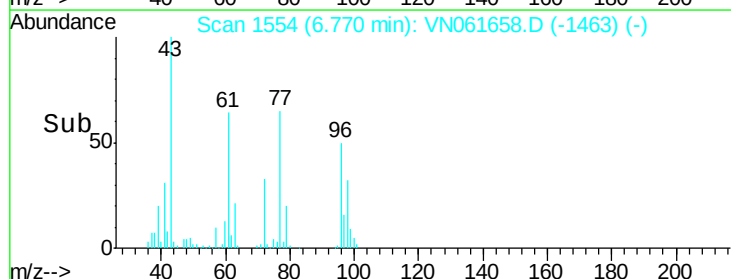
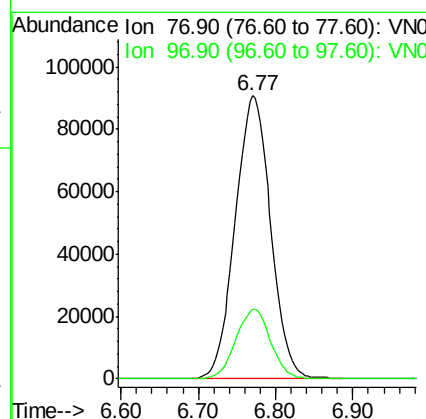
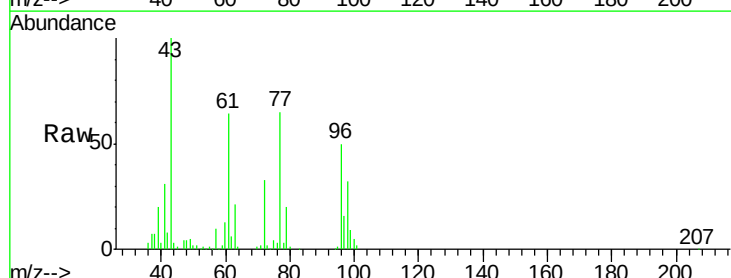
Manual Integrations
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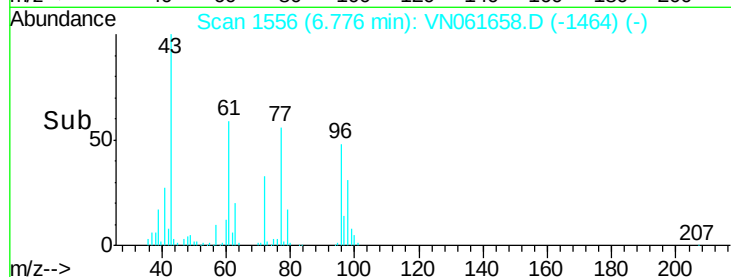
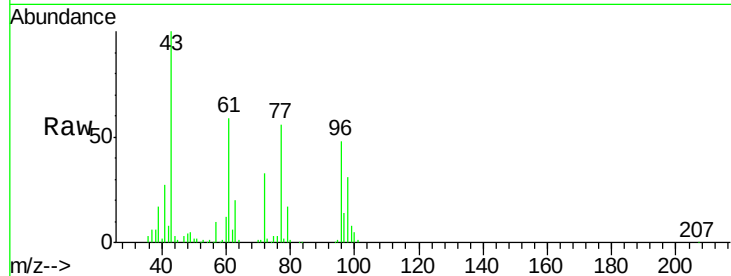
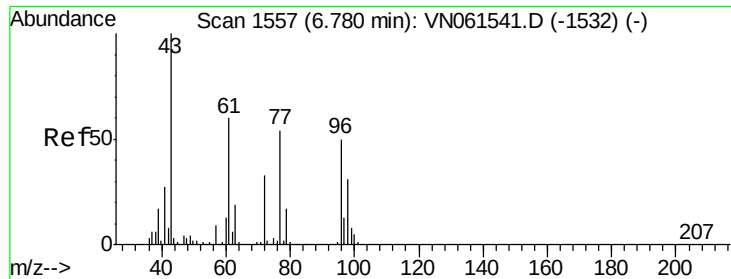
MMDadoda
6/8/2020 11:49:04 AM



#26
2,2-Dichloropropane
Concen: 50.106 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	77	Resp	289044
Ion Ratio	100	Lower	Upper
97	24.0	12.0	36.0





#27

cis-1,2-Dichloroethene

Concen: 48.578 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061658.D

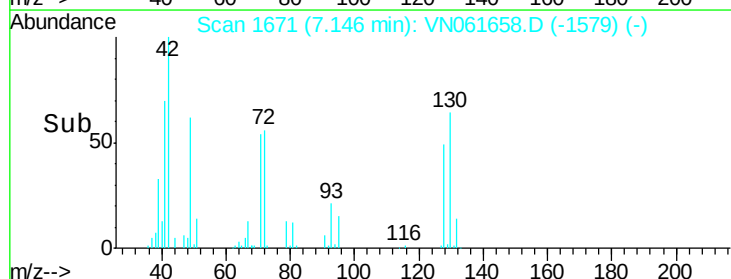
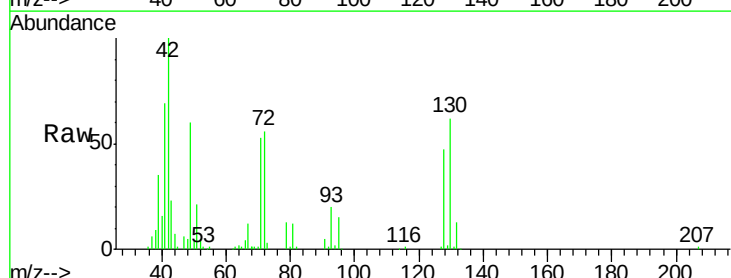
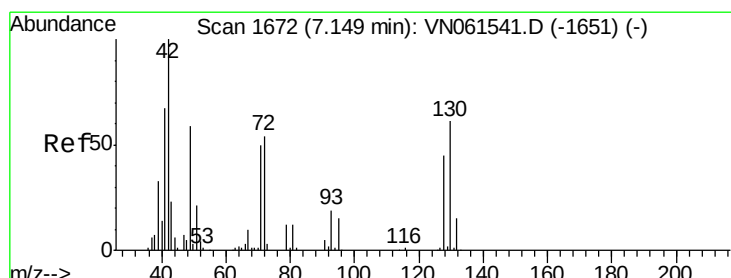
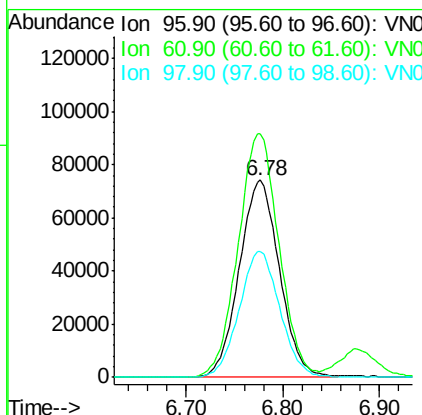
Acq: 5 Jun 2020 9:45

Tot Ion	Ratio	Resp	Lower	Upper
96	100	213984		
61	125.9		0.0	252.2
98	64.8		0.0	129.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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6/8/2020 11:49:04 AM



#28

Bromochloromethane

Concen: 47.983 ug/l

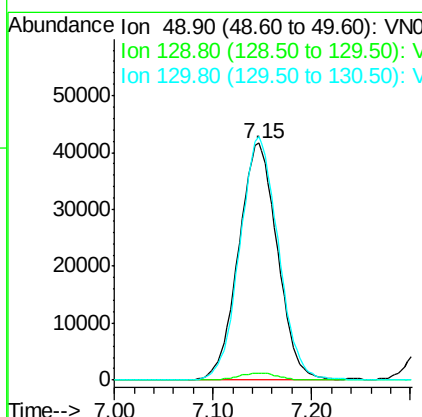
RT: 7.15 min Scan# 1671

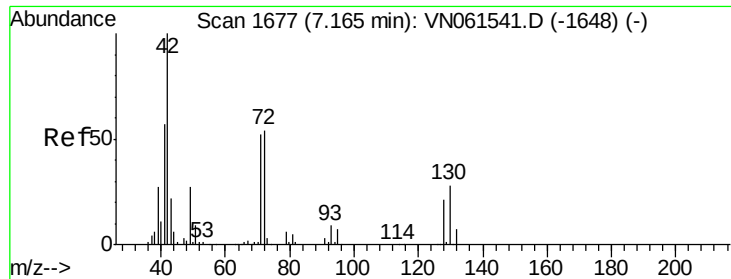
Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	113664		
129	2.9		0.0	4.8
130	101.5		78.8	118.2





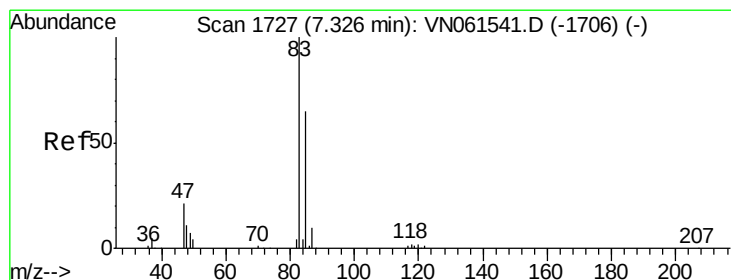
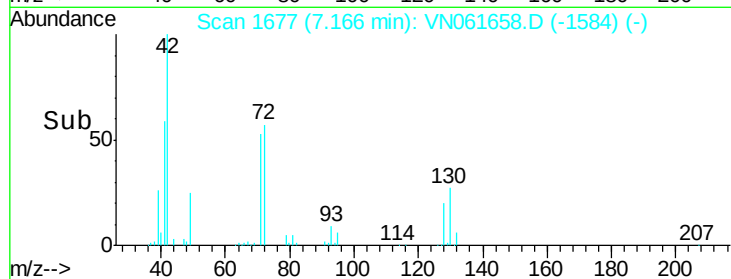
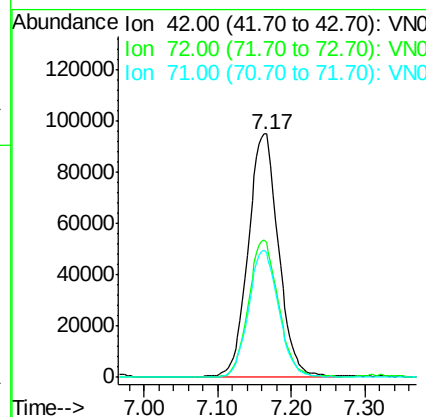
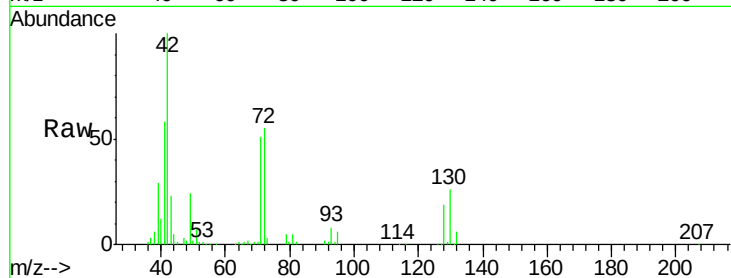
#29
Tetrahydrofuran
Concen: 216.509 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.0	43.6	65.4
71	51.9	41.2	61.8

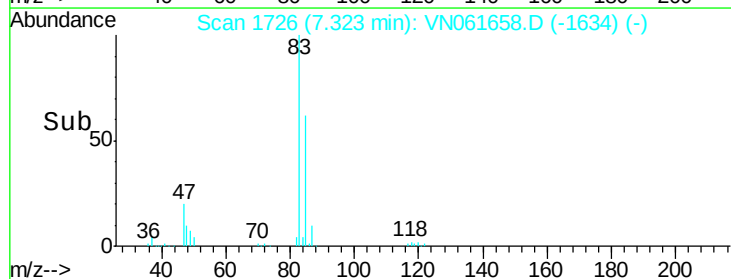
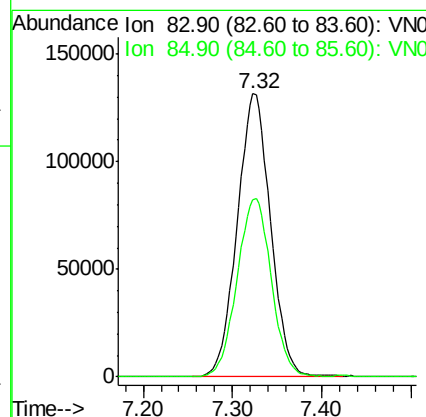
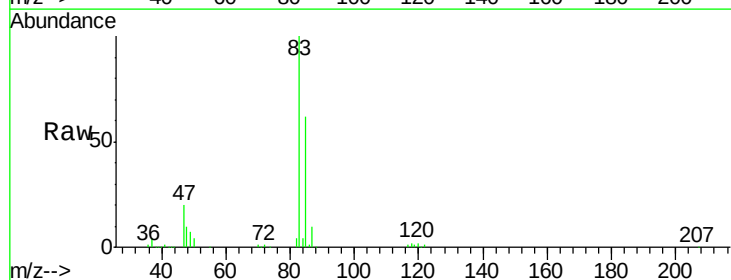
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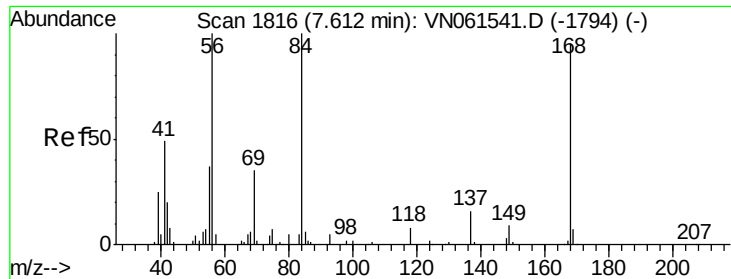
MMDadoda
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#30
Chloroform
Concen: 48.948 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.7	77.5





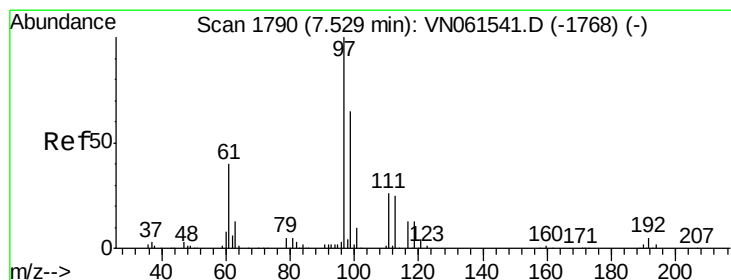
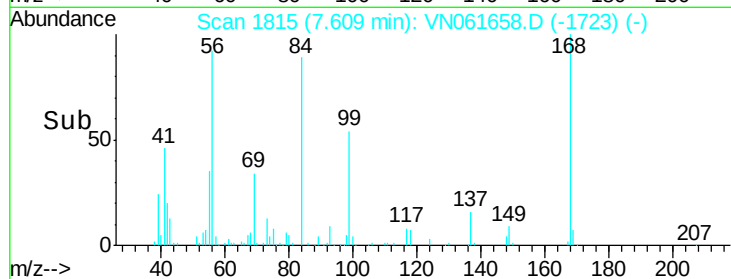
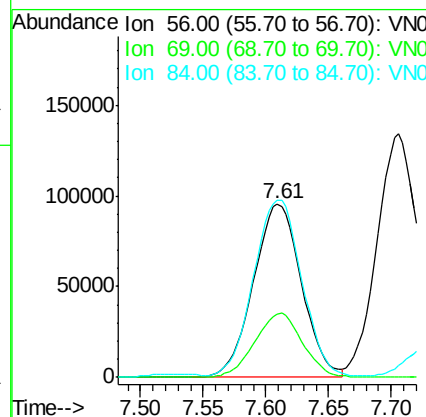
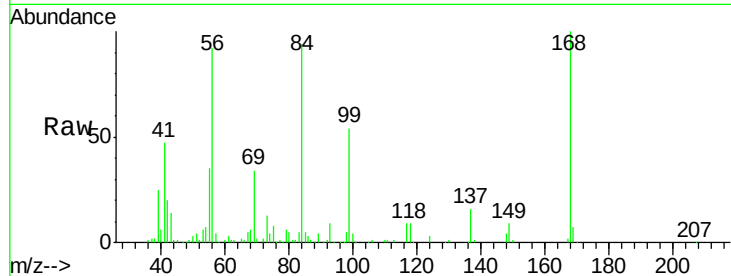
#31
Cyclohexane
Concen: 44.825 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	27.8	41.8
84	100.6	79.9	119.9

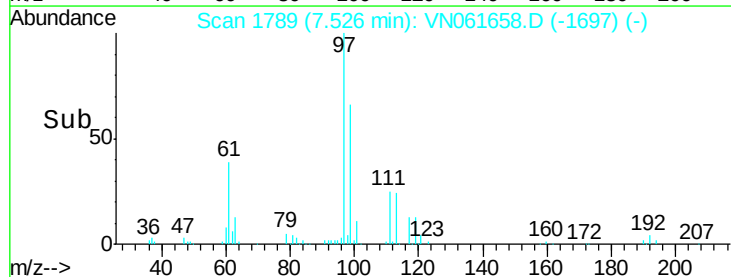
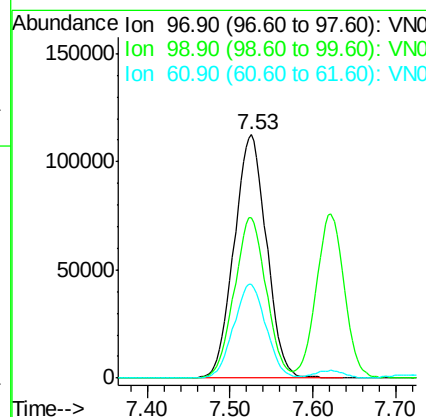
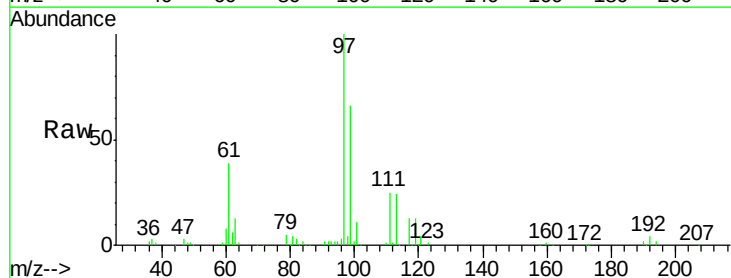
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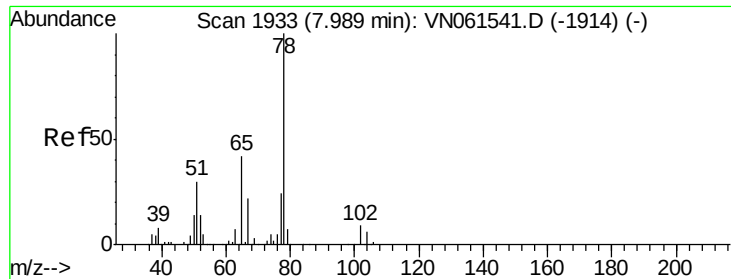
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#32
1,1,1-Trichloroethane
Concen: 48.131 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	38.4	31.4	47.0





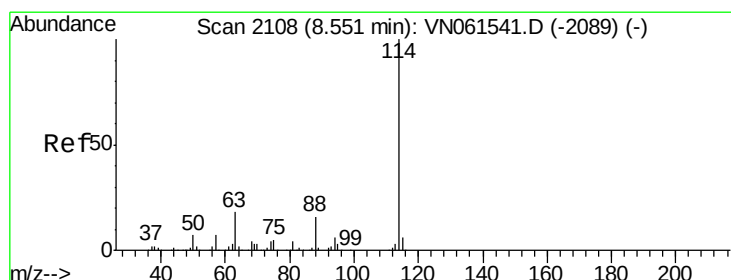
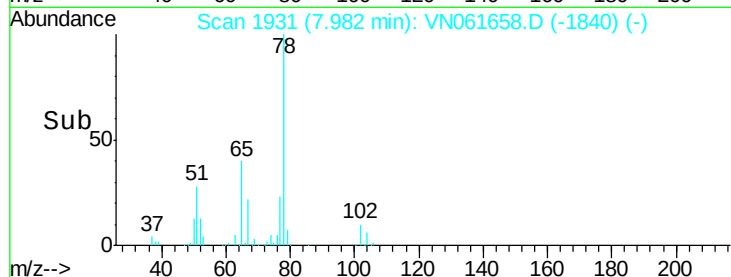
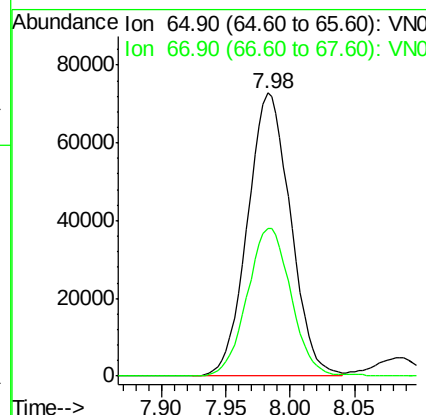
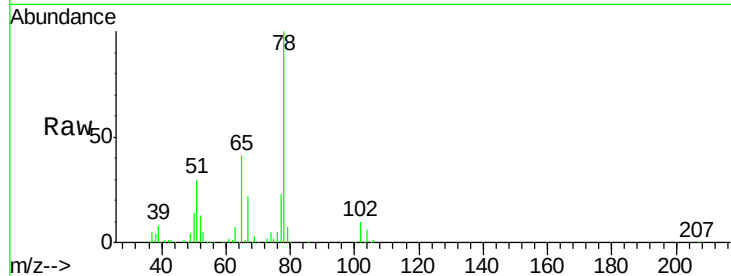
#33
 1,2-Dichloroethane-d4
 Concen: 42.113 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169376		
67	53.4	0.0	104.8	

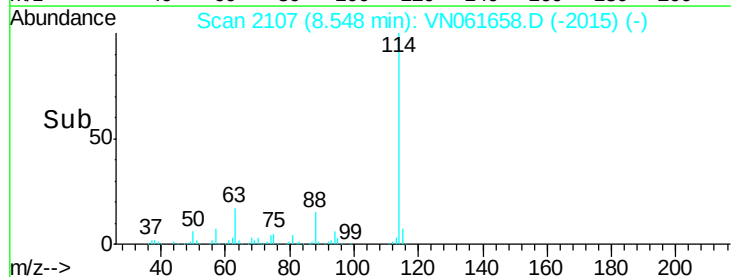
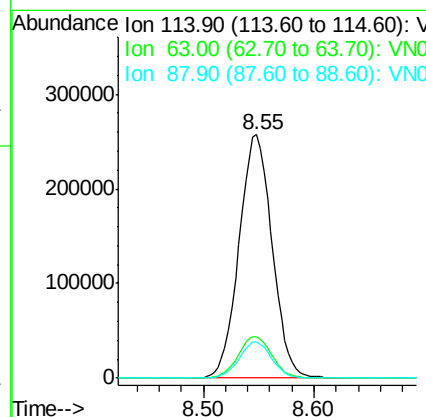
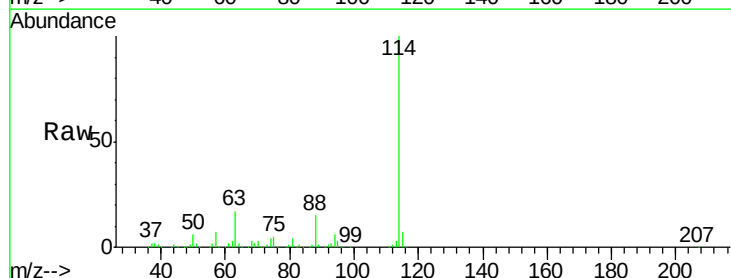
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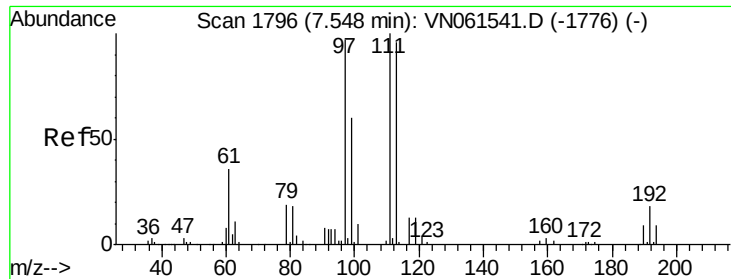
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	535385		
63	16.9	0.0	35.8	
88	15.0	0.0	31.0	





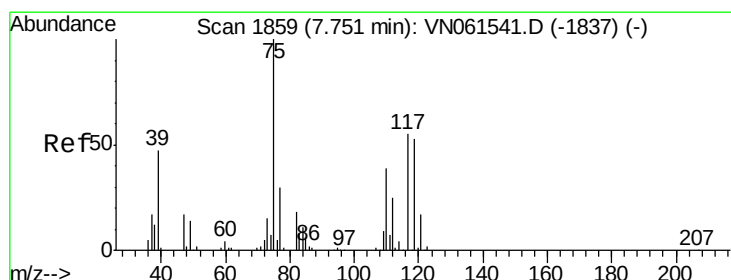
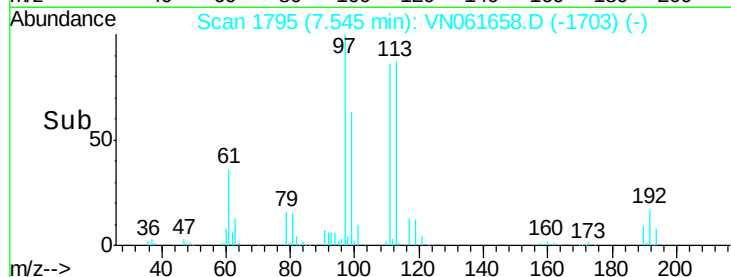
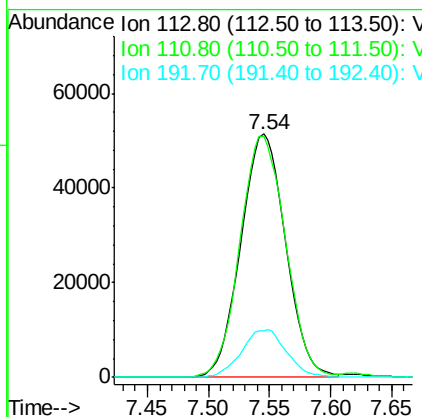
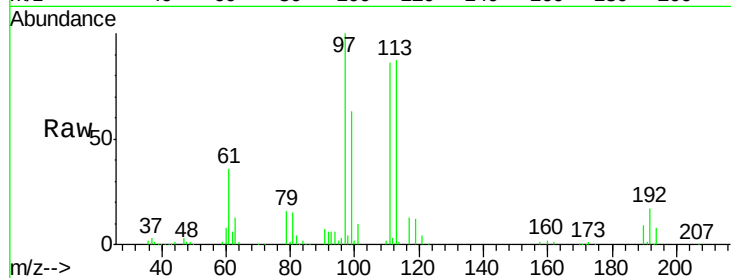
#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130644		
111	101.1	83.4	125.0	
192	19.6	15.4	23.2	

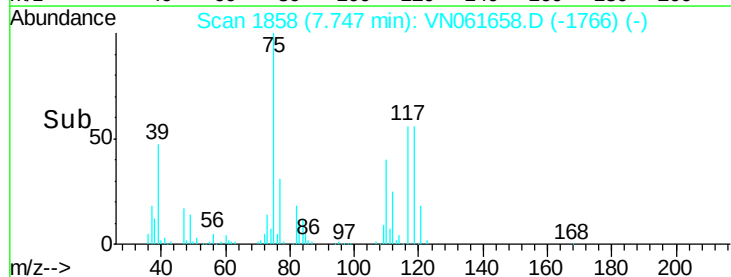
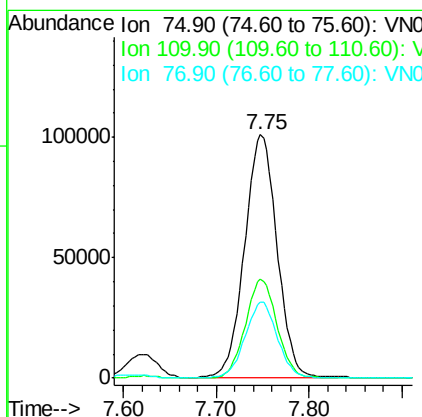
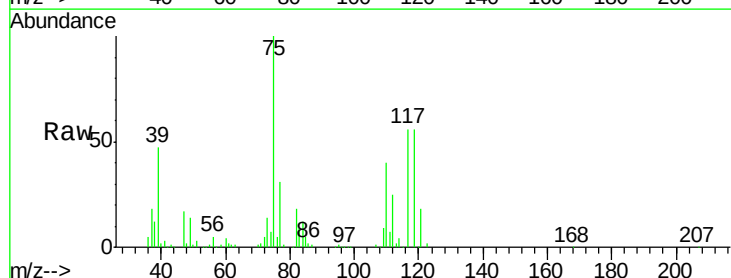
Manual Integrations
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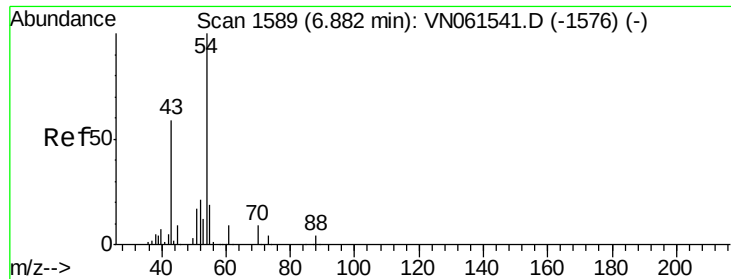
MMDadoda
6/8/2020 11:49:04 AM



#36
1,1-Dichloropropene
Concen: 51.426 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	243736		
110	39.9	19.5	58.5	
77	31.3	24.7	37.1	





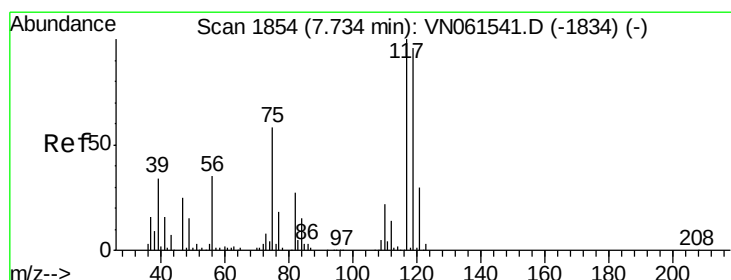
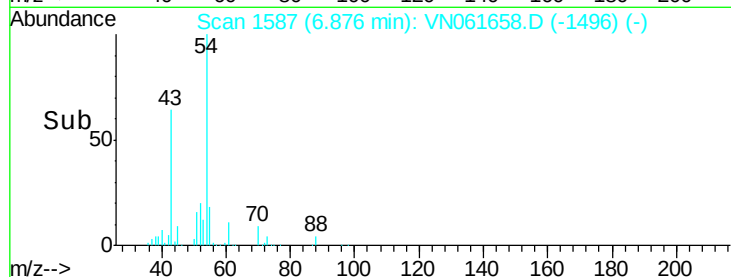
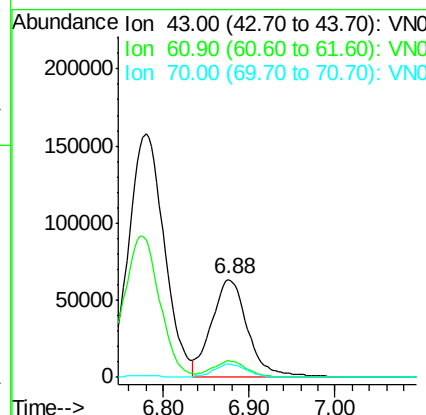
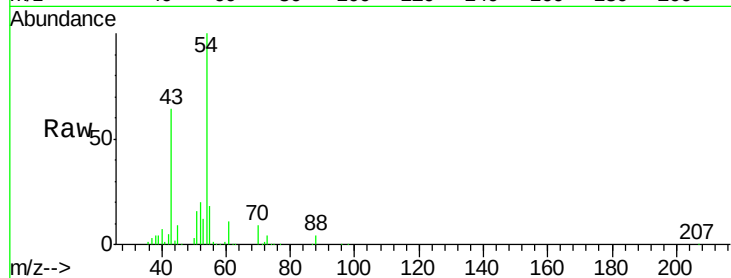
#37
Ethyl Acetate
Concen: 48.340 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.2	18.4
70	12.4	9.4	14.2

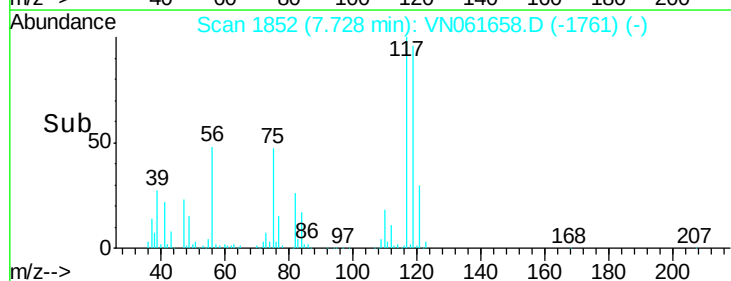
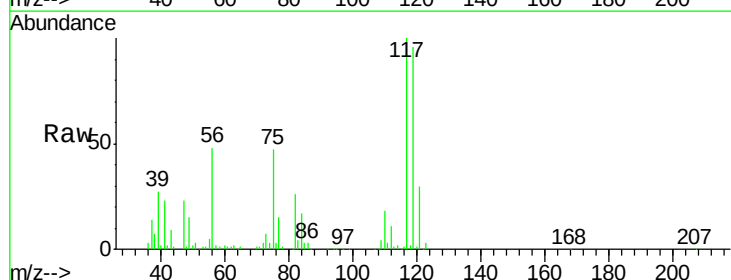
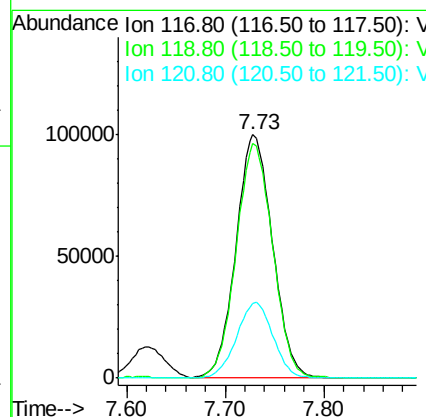
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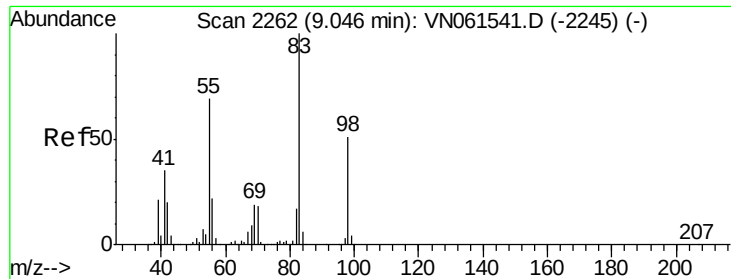
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#38
Carbon Tetrachloride
Concen: 55.916 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
121	30.5	24.1	36.1





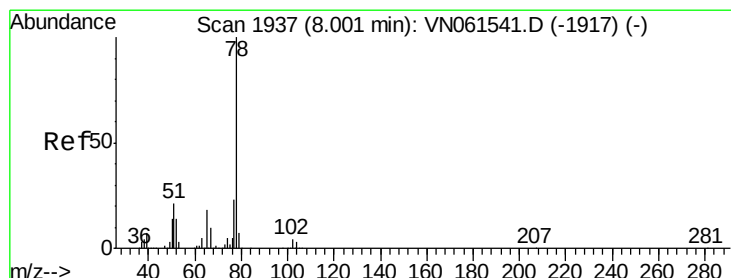
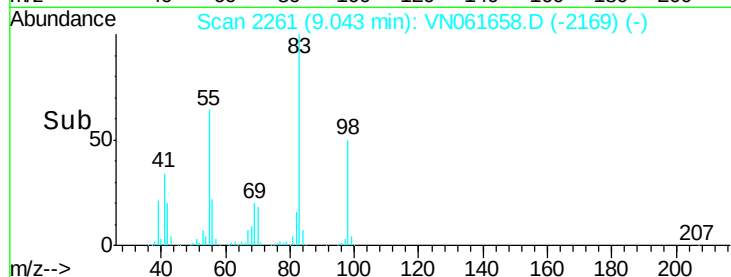
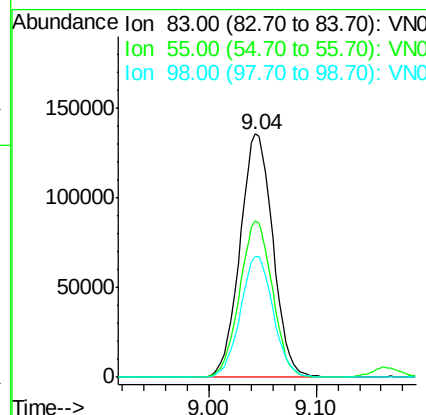
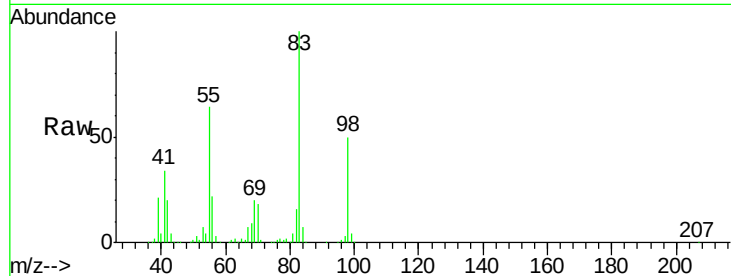
#39
Methylvlcyclohexane
Concen: 49.195 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	287390		
55	64.1		54.9	82.3
98	49.7		41.0	61.4

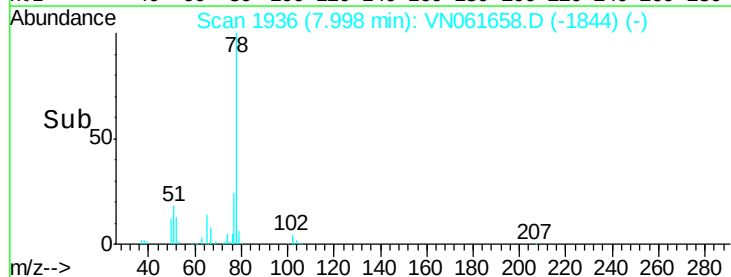
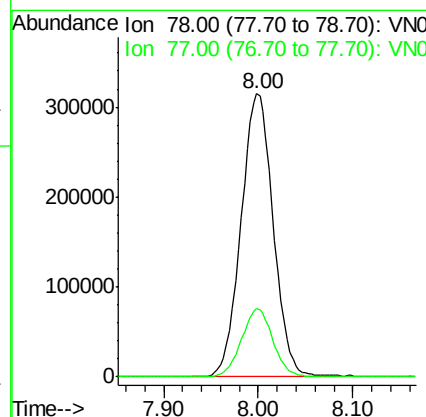
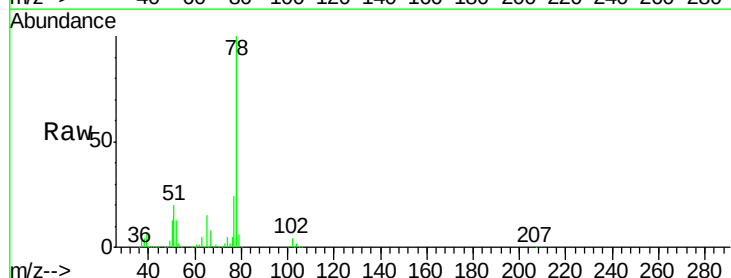
Manual Integrations
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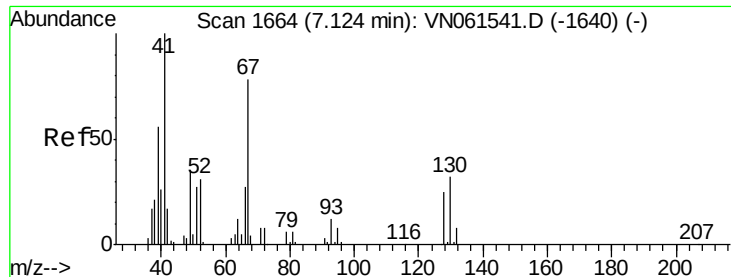
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6/8/2020 11:49:04 AM



#40
Benzene
Concen: 50.834 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	743383		
77	24.1		18.6	28.0





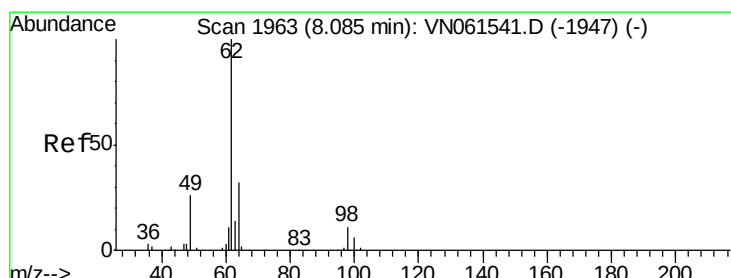
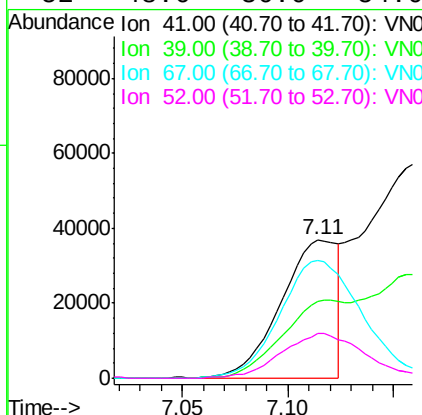
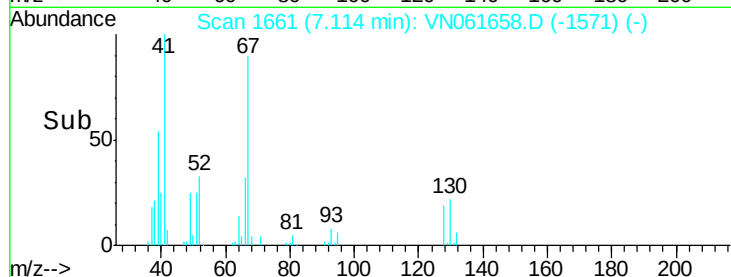
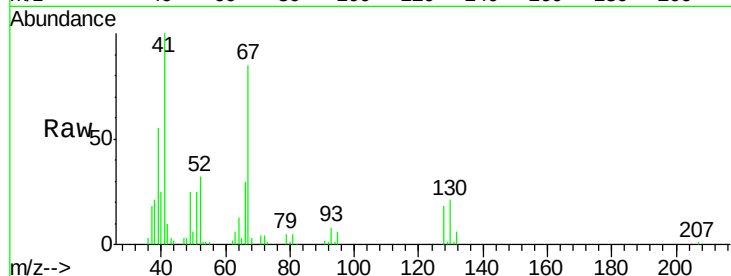
#41
Methacrylonitrile
Concen: 39.583 ug/l
RT: 7.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	69230
Ion Ratio	Lower	Upper	
41	100		
39	61.1	53.8	80.6
67	124.8	91.1	136.7
52	48.6	36.0	54.0

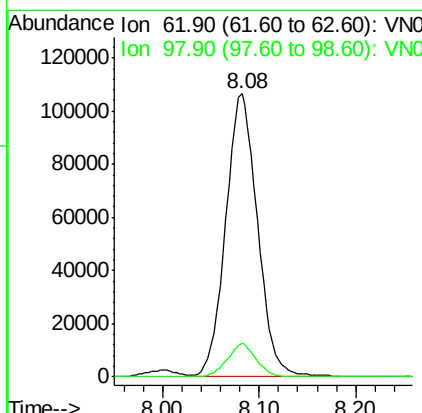
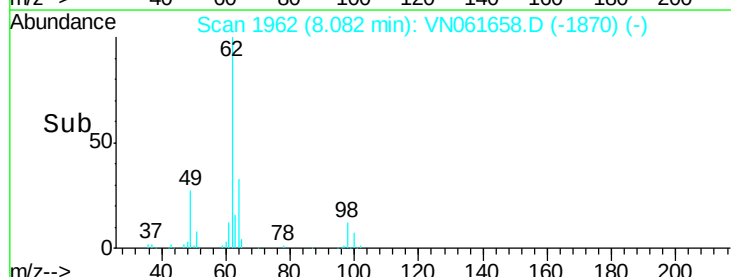
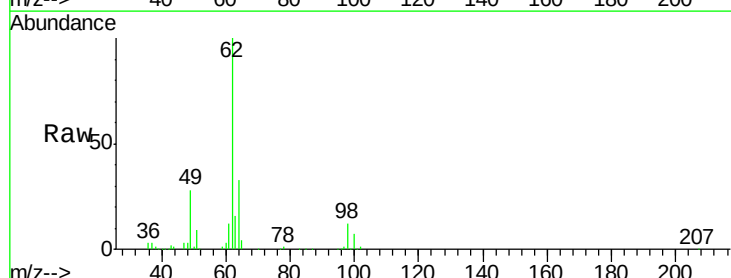
Manual Integrations
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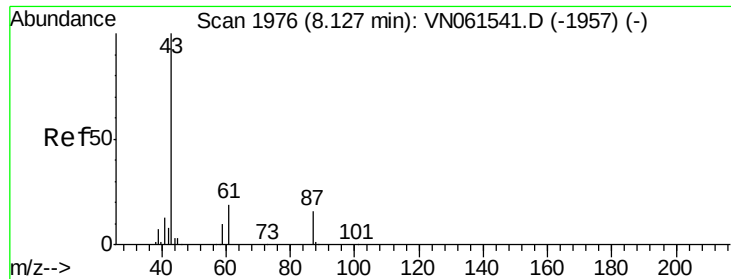
MMDadoda
6/8/2020 11:49:04 AM



#42
1,2-Dichloroethane
Concen: 49.388 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	62	Resp	241795
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	21.4





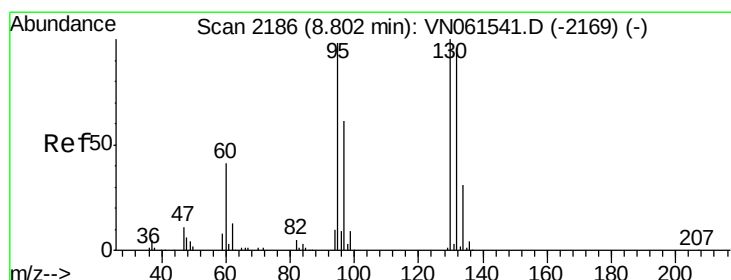
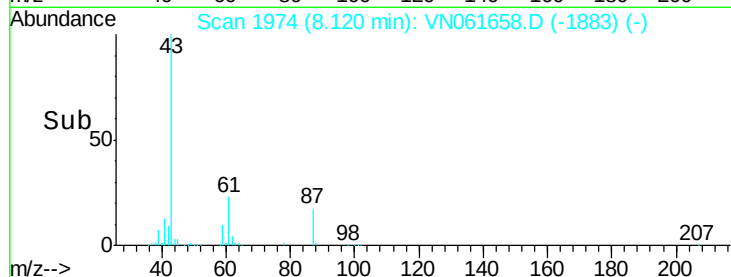
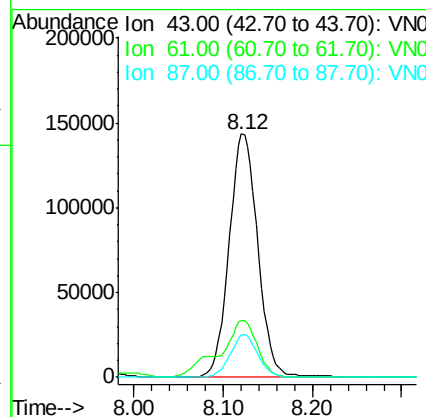
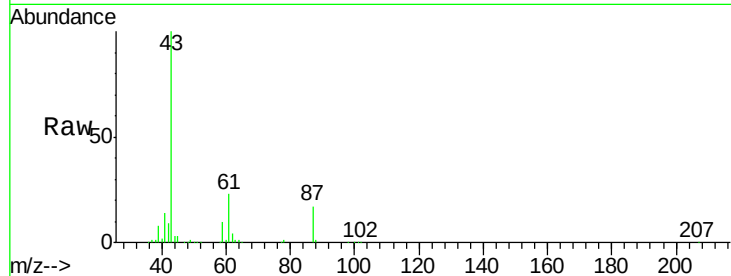
#43
Isopropyl Acetate
Concen: 45.942 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.6	23.6	35.4
87	17.1	13.0	19.6

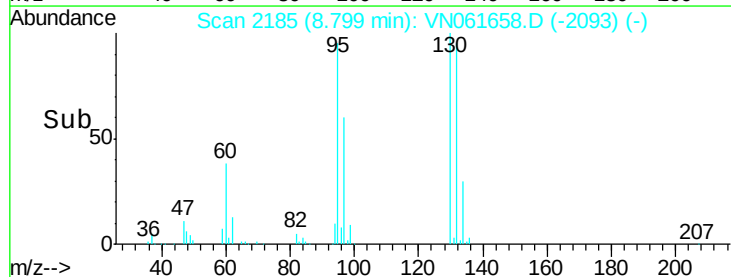
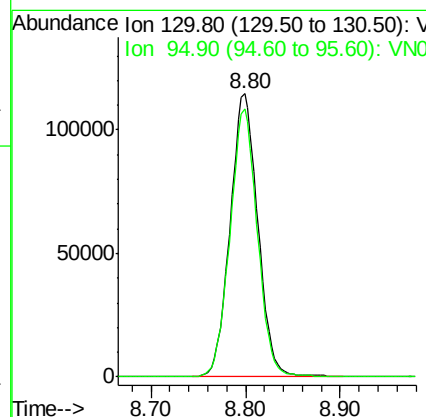
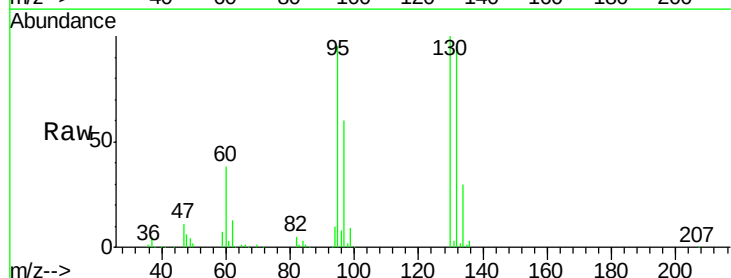
Manual Integrations
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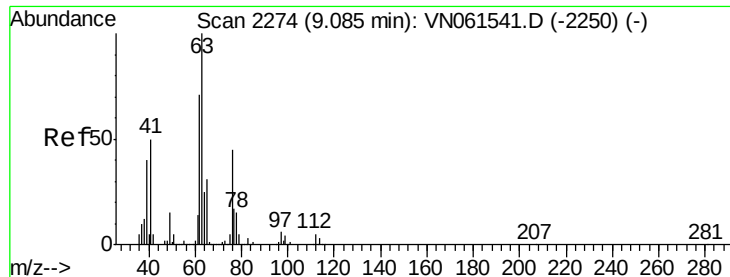
MMDadoda
6/8/2020 11:49:04 AM



#44
Trichloroethene
Concen: 52.029 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.6





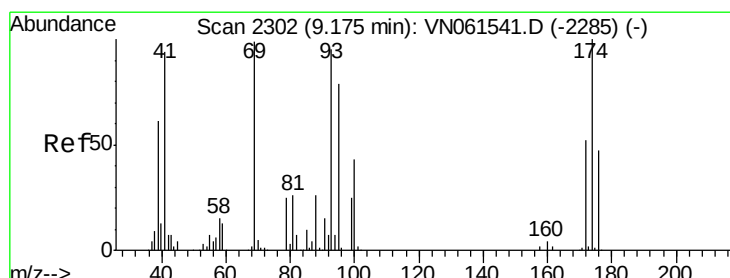
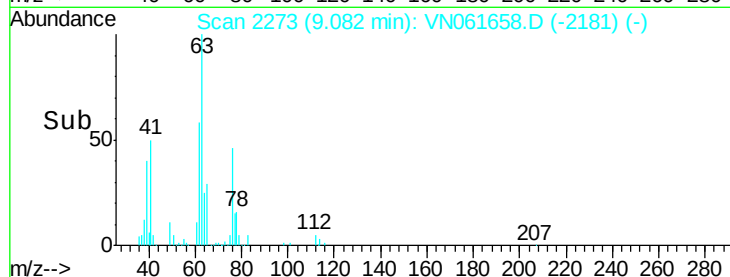
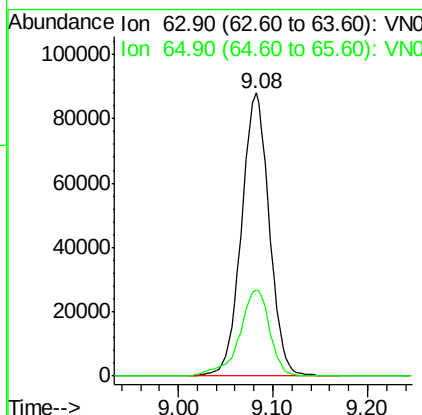
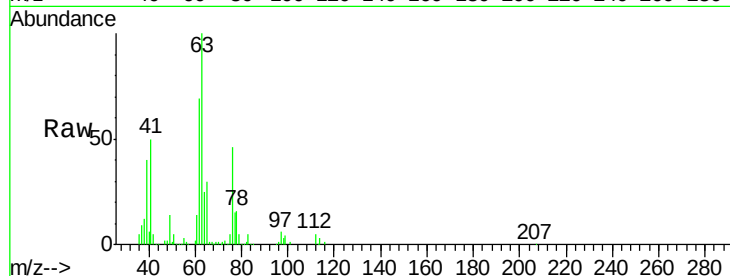
#45
 1,2-Dichloropropane
 Concen: 51.764 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 179748
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1

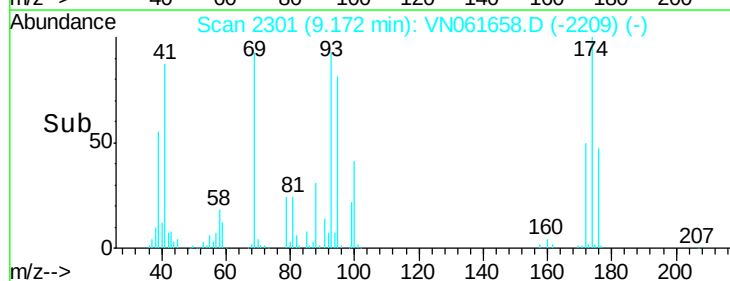
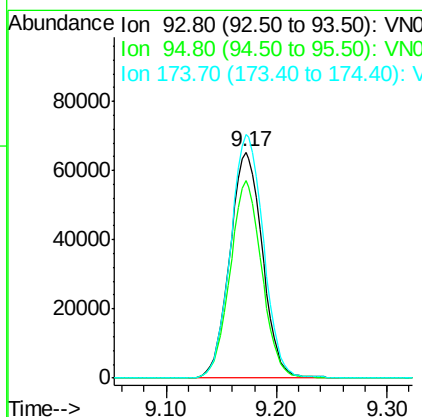
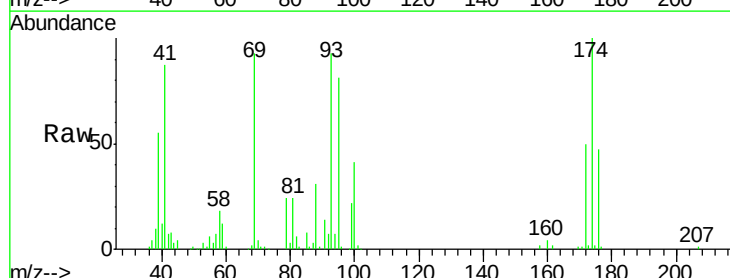
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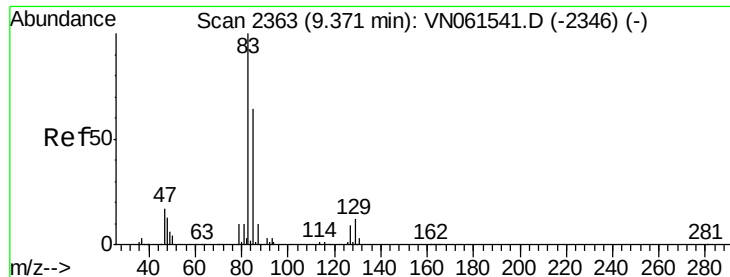
MMDadoda
 6/8/2020 11:49:04 AM



#46
 Dibromomethane
 Concen: 50.455 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion: 93 Resp: 134371
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.0 99.0
 174 108.3 82.5 123.7





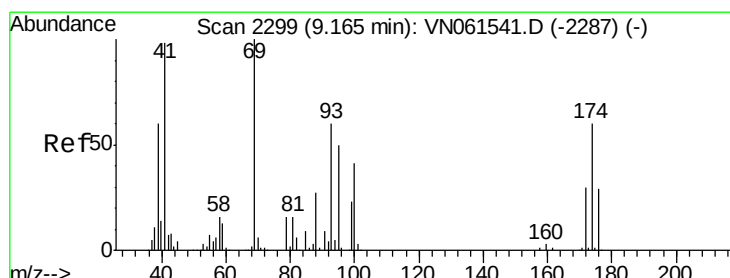
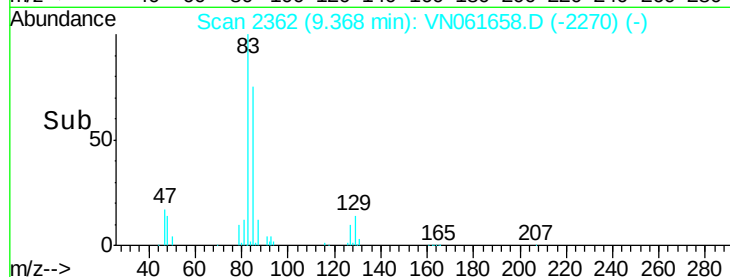
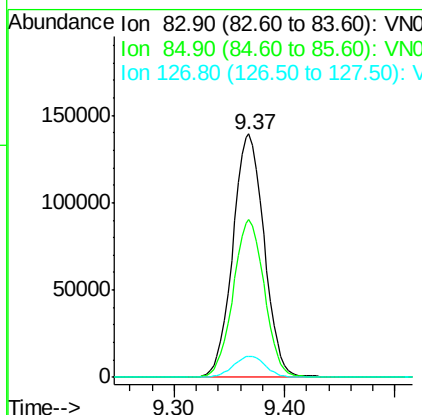
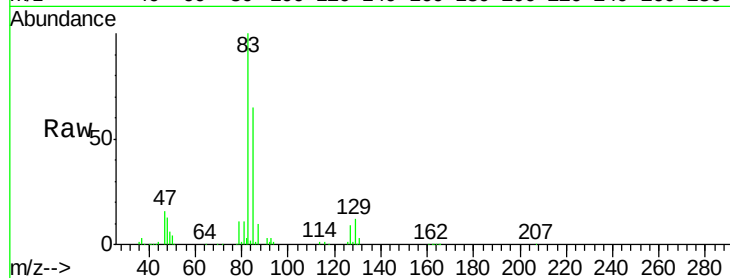
#47
Bromodichloromethane
Concen: 52.021 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	274485		
85	64.8	51.1	76.7	
127	8.8	7.2	10.8	

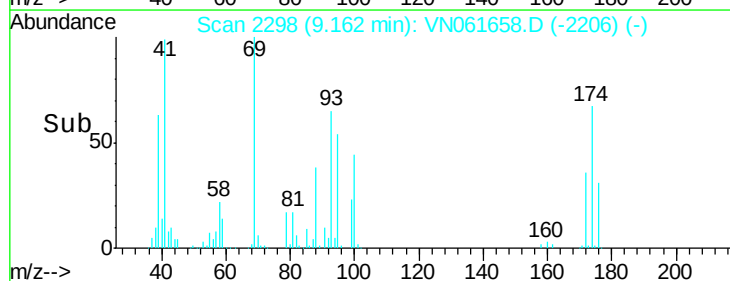
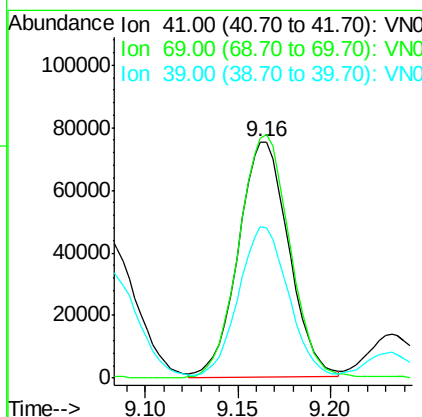
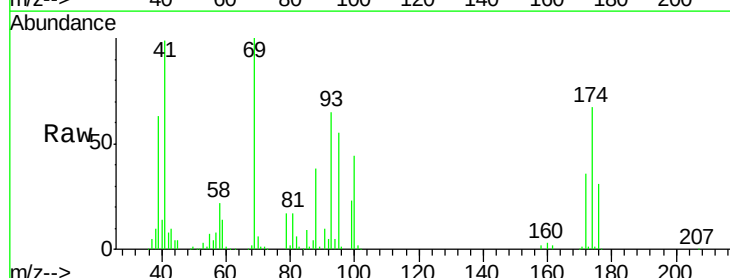
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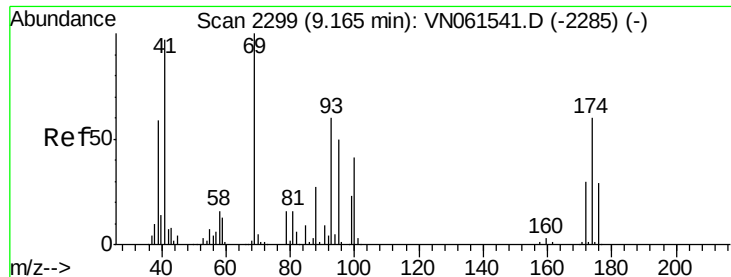
MMDadoda
6/8/2020 11:49:04 AM



#48
Methyl methacrylate
Concen: 46.009 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	142168		
69	104.9	83.9	125.9	
39	63.8	52.1	78.1	





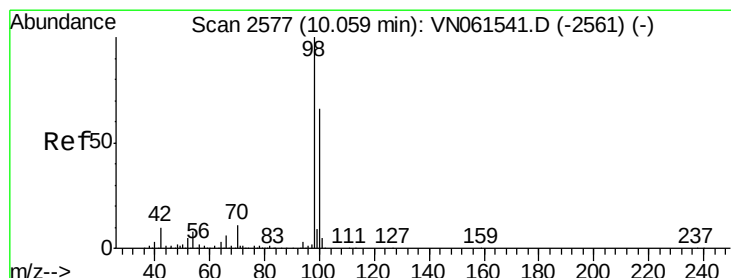
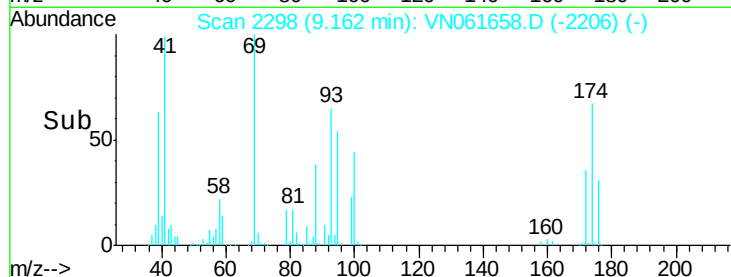
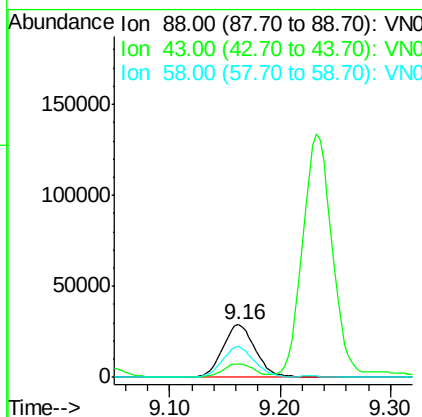
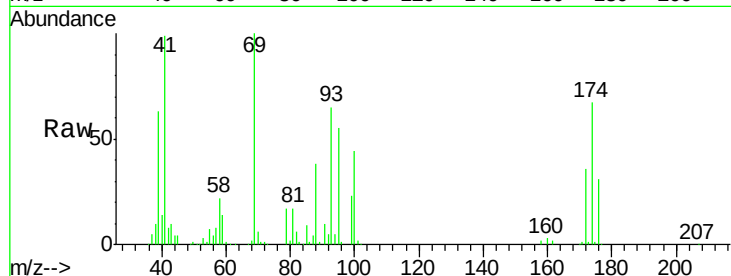
#49
1,4-Dioxane
Concen: 1243.579 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	59529
Ion	Ratio	Lower	Upper
88	100		
43	25.2	23.1	34.7
58	57.1	48.3	72.5

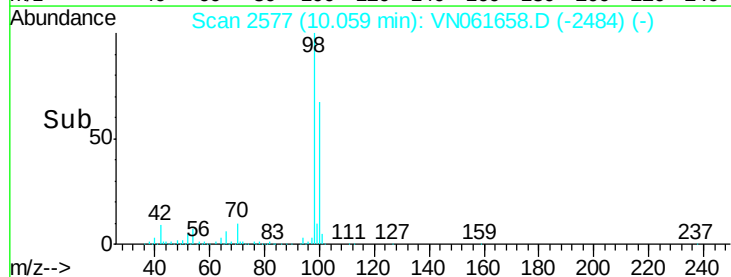
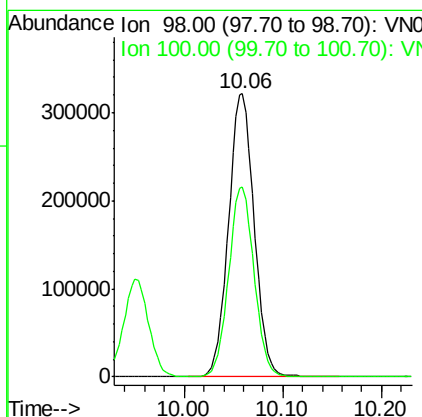
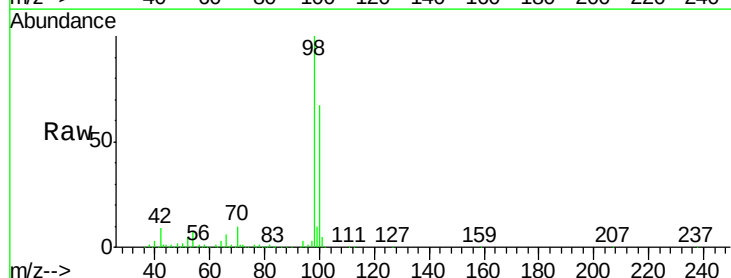
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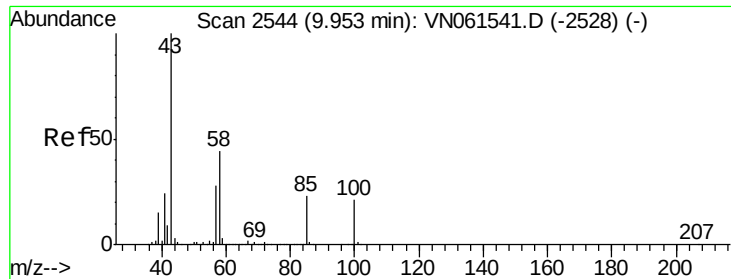
MMDadoda
6/8/2020 11:49:04 AM



#50
Toluene-d8
Concen: 46.578 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	98	Resp	586231
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 237.065 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 917498

Ion Ratio Lower Upper

43 100

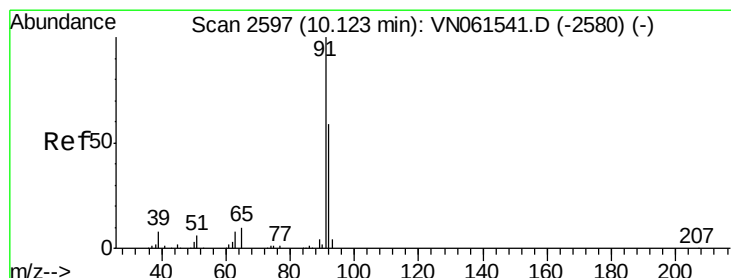
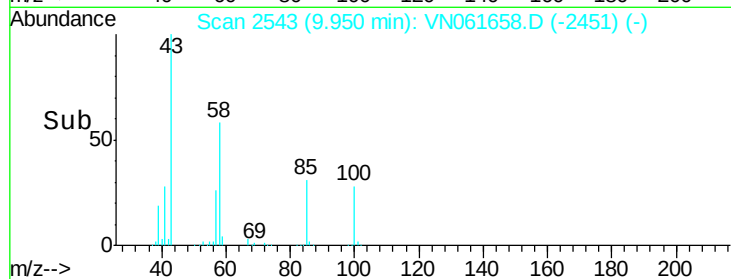
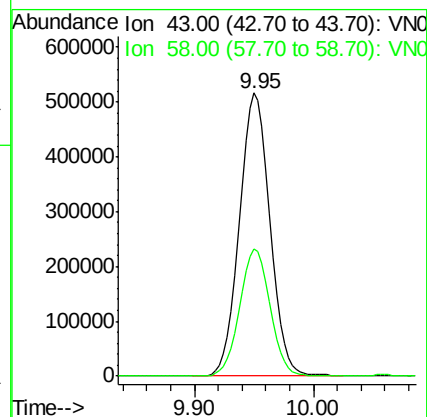
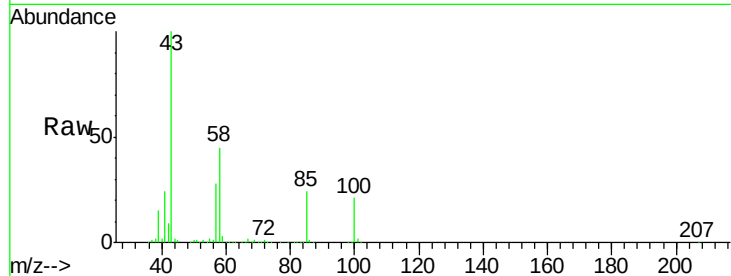
58 44.8 35.0 52.6

Manual Integrations

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MMDadoda

6/8/2020 11:49:04 AM



#52

Toluene

Concen: 52.872 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061658.D

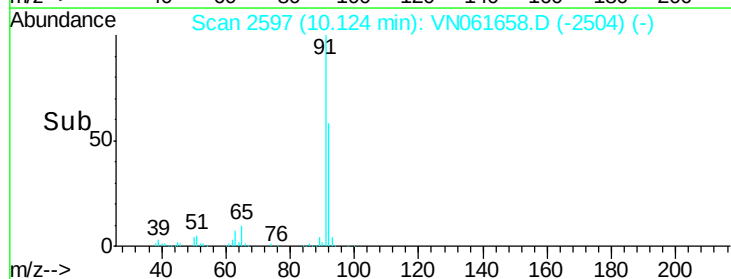
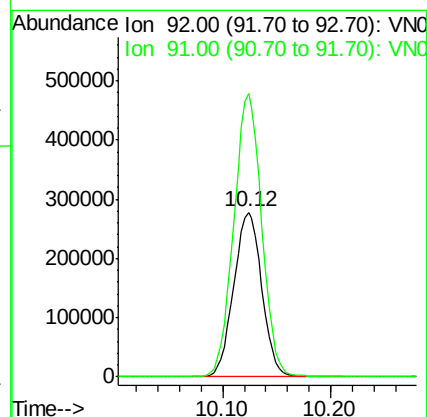
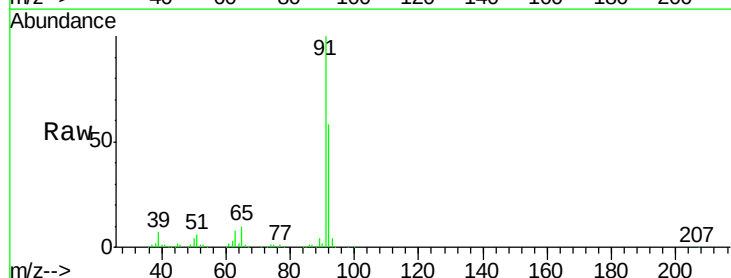
Acq: 5 Jun 2020 9:45

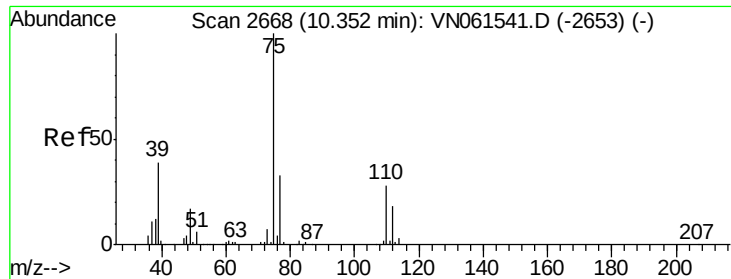
Tgt Ion: 92 Resp: 504651

Ion Ratio Lower Upper

92 100

91 171.3 136.4 204.6





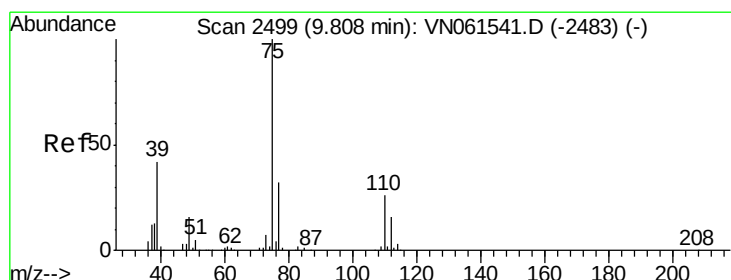
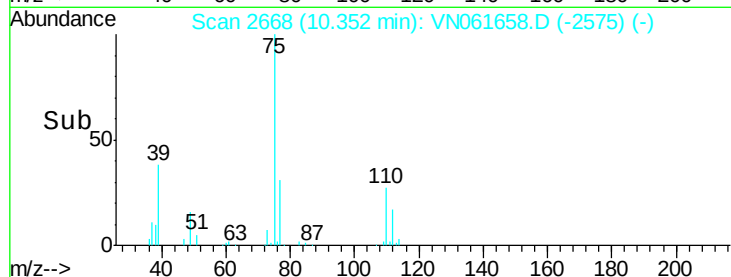
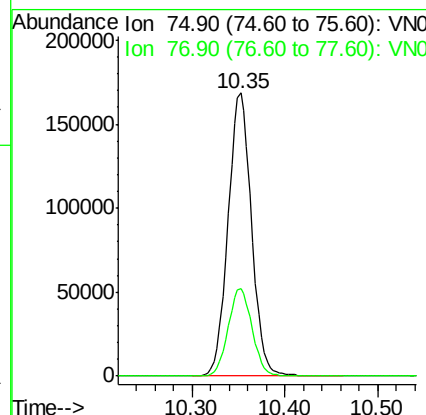
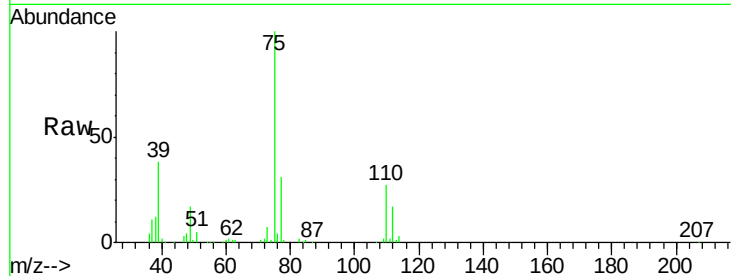
#53
t-1,3-Dichloropropene
Concen: 51.941 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.2	39.4

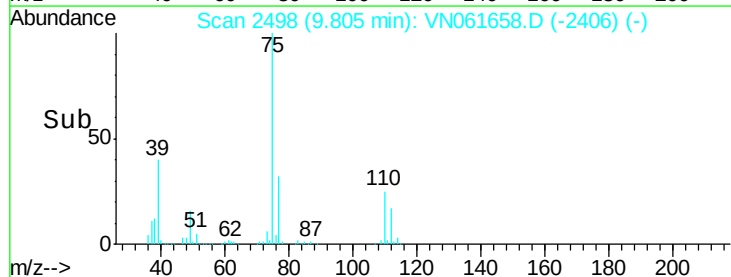
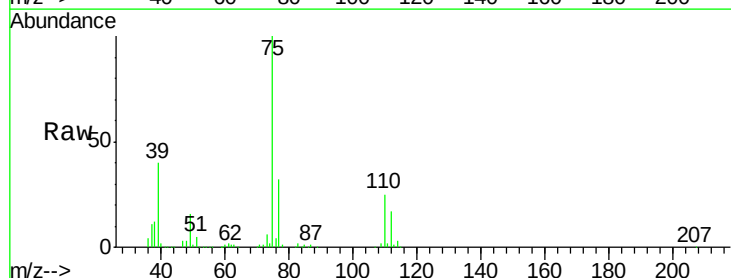
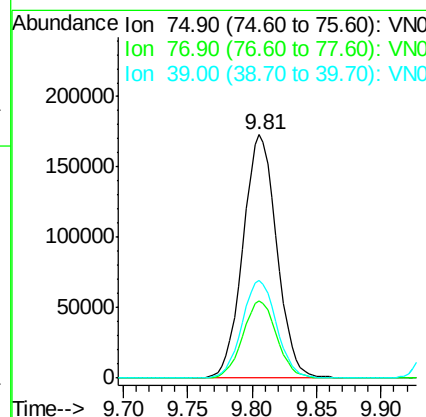
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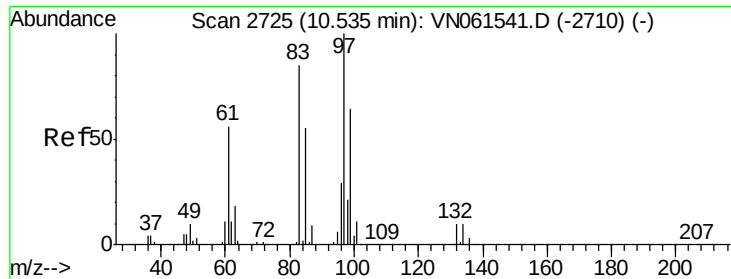
MMDadoda
6/8/2020 11:49:04 AM



#54
cis-1,3-Dichloropropene
Concen: 51.613 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	40.1	33.8	50.6





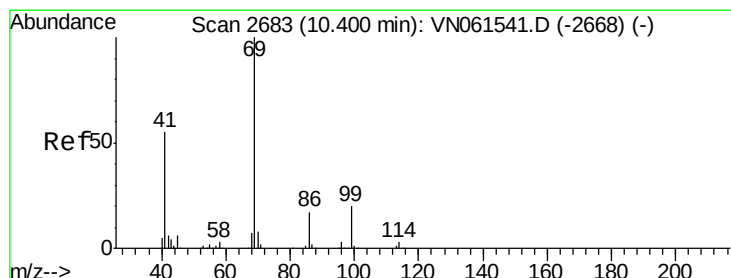
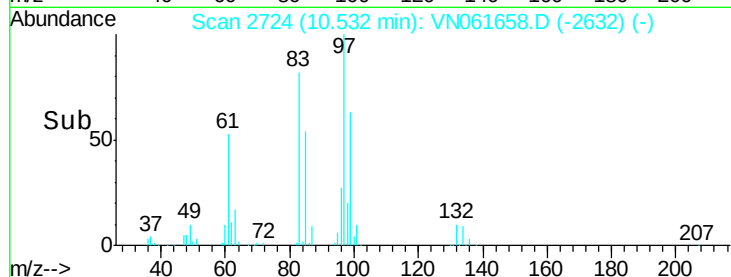
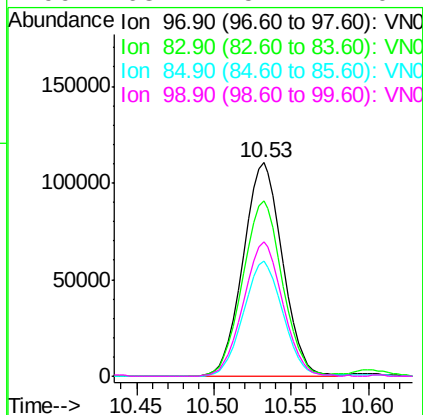
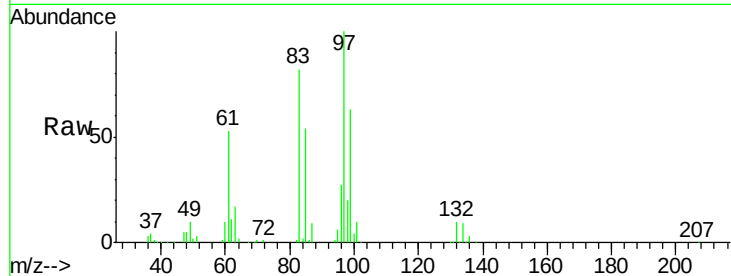
#55
 1,1,2-Trichloroethane
 Concen: 51.557 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	196055
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.1	102.1
85	53.7	44.1	66.1
99	63.1	51.1	76.7

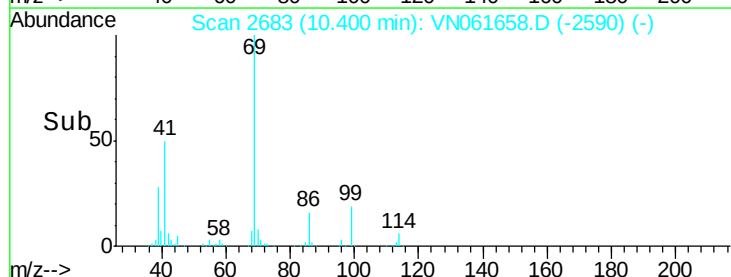
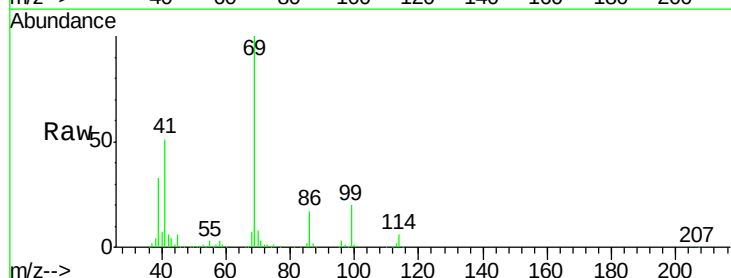
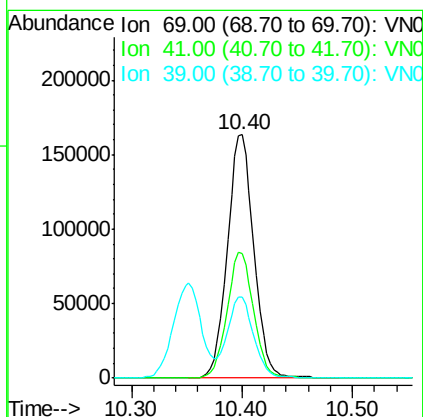
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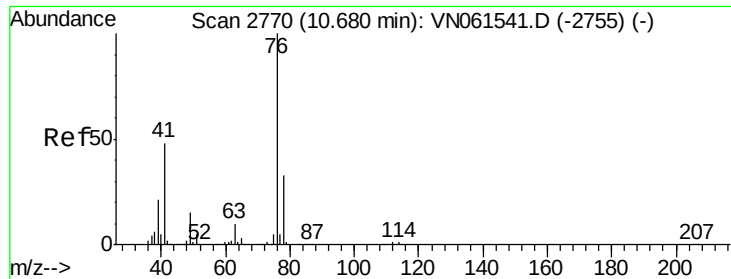
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.029 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion:	69	Resp:	271063
Ion	Ratio	Lower	Upper
69	100		
41	51.4	43.5	65.3
39	33.5	27.0	40.6





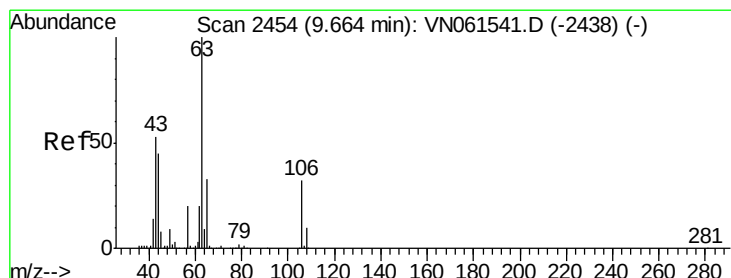
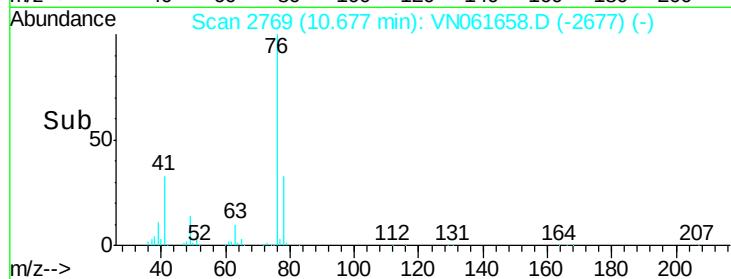
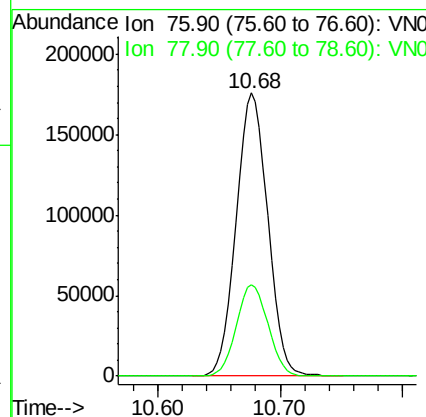
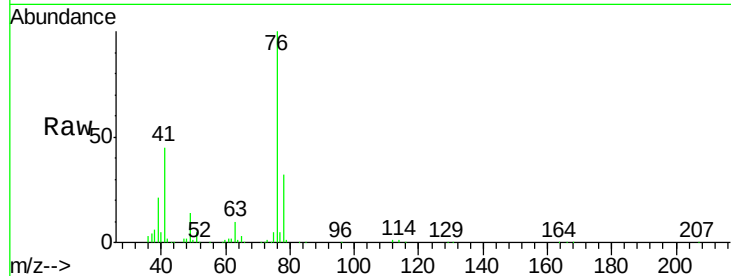
#57
 1,3-Dichloropropane
 Concen: 52.001 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5

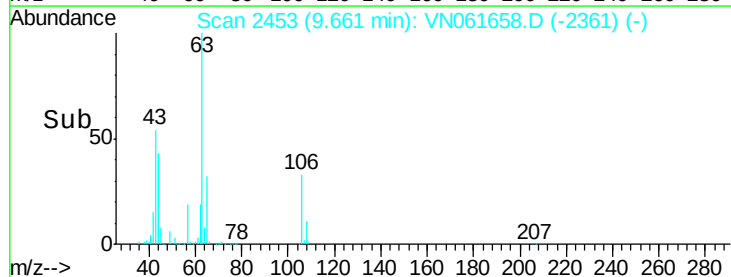
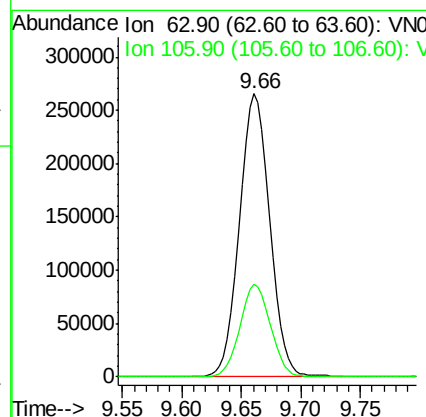
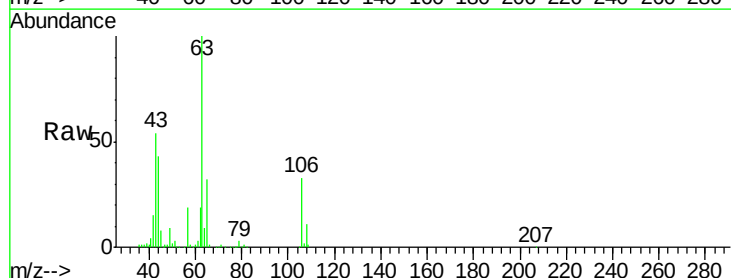
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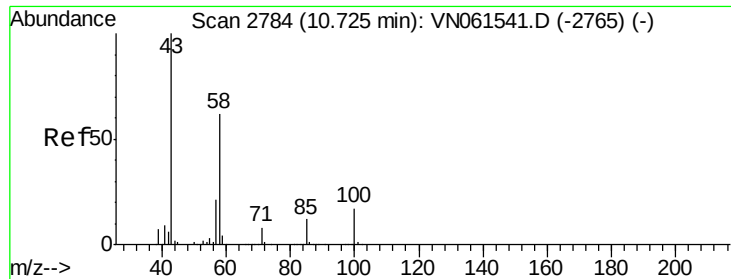
MMDadoda
 6/8/2020 11:49:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.790 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.9	25.9	38.9





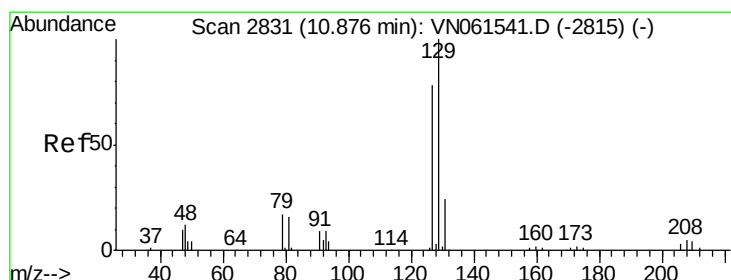
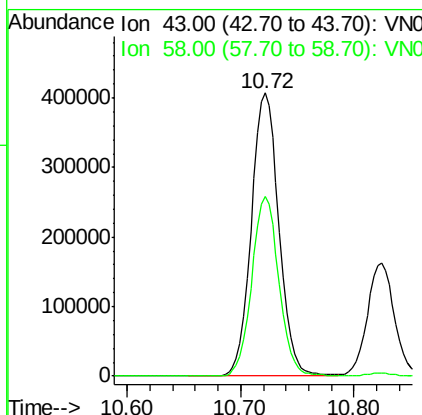
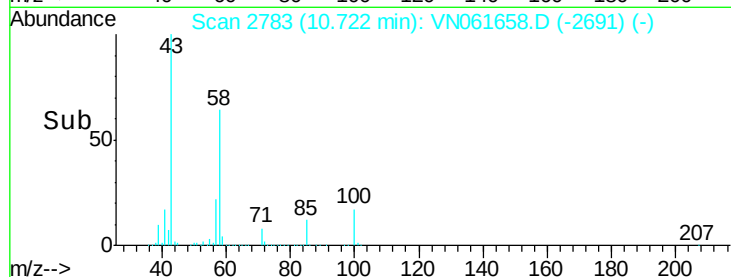
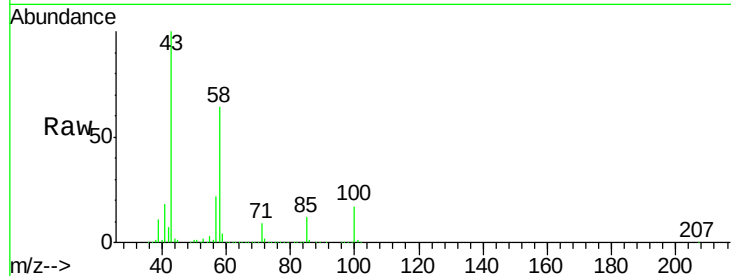
#59
2-Hexanone
Concen: 248.171 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 689793
Ion Ratio Lower Upper
43 100
58 62.5 30.7 92.1

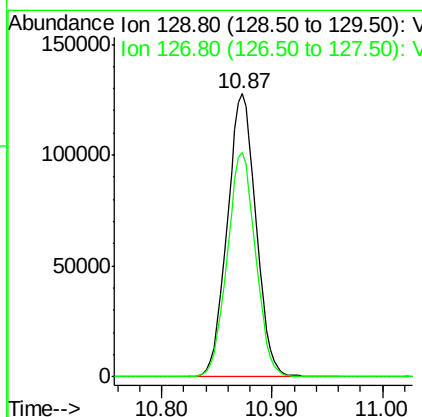
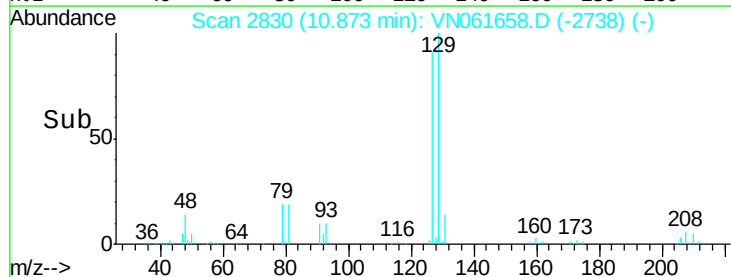
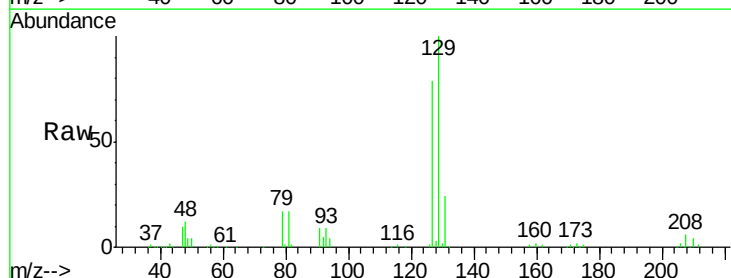
Manual Integrations
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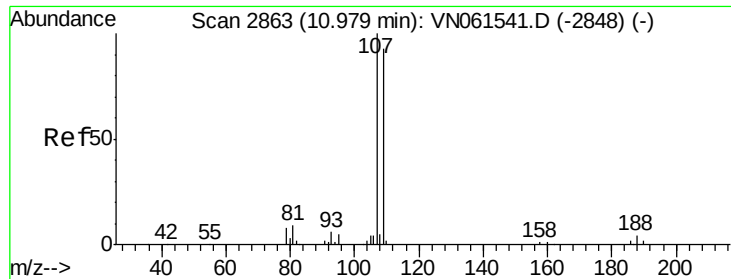
MMDadoda
6/8/2020 11:49:04 AM



#60
Dibromochloromethane
Concen: 53.405 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion:129 Resp: 230873
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





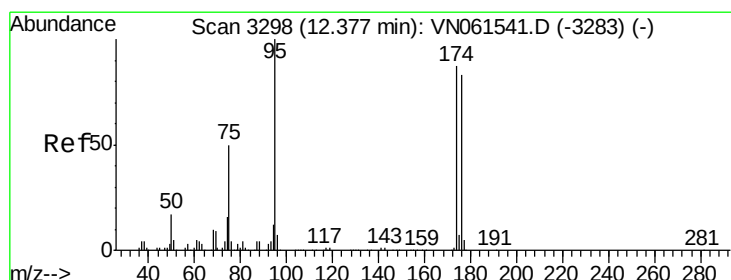
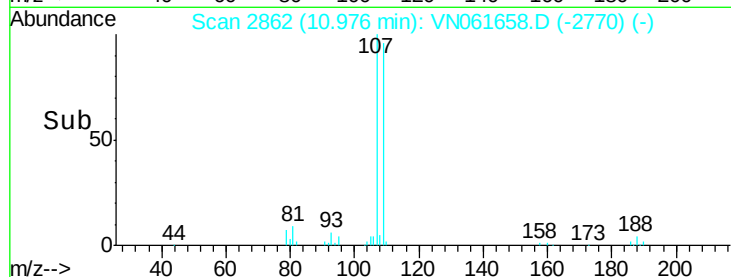
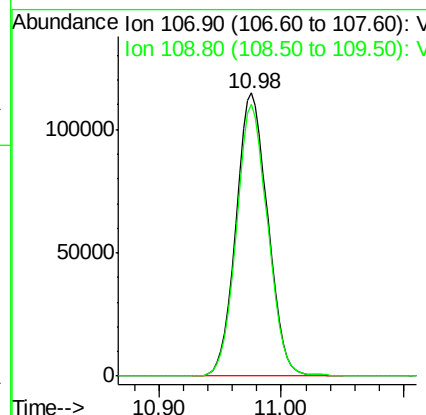
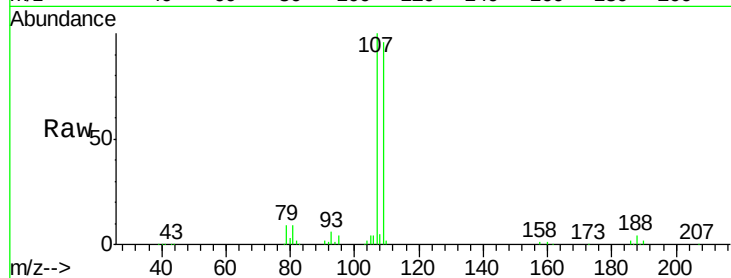
#61
 1,2-Dibromoethane
 Concen: 52.273 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	207315		
109	94.7	76.1	114.1	

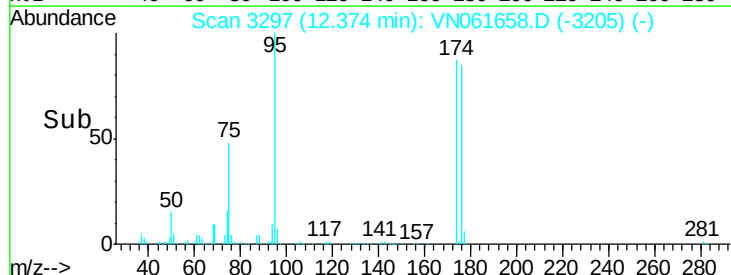
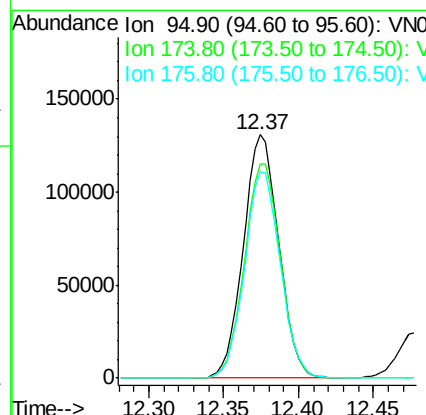
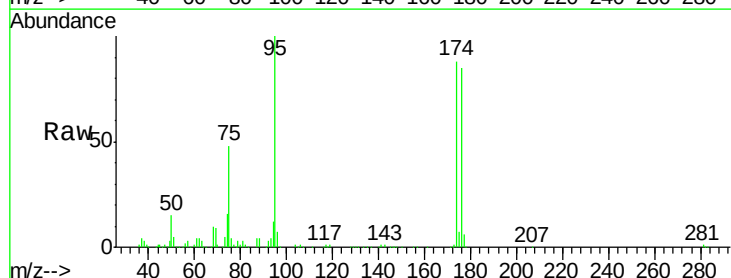
Manual Integrations
 APPROVED

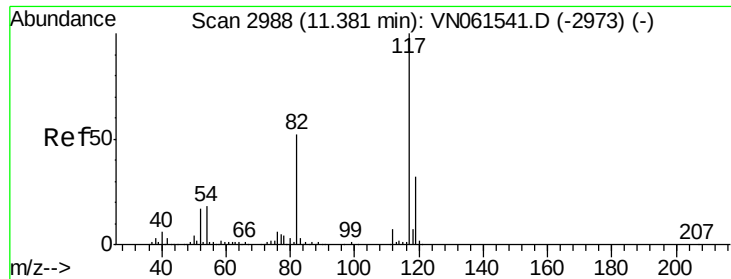
MMDadoda
 6/8/2020 11:49:04 AM



#62
 4-Bromofluorobenzene
 Concen: 46.976 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	215705		
174	89.8	0.0	172.8	
176	85.7	0.0	164.8	





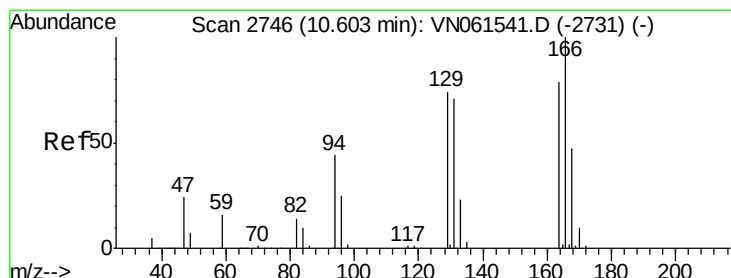
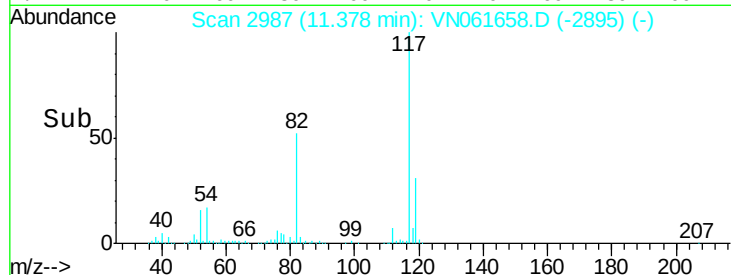
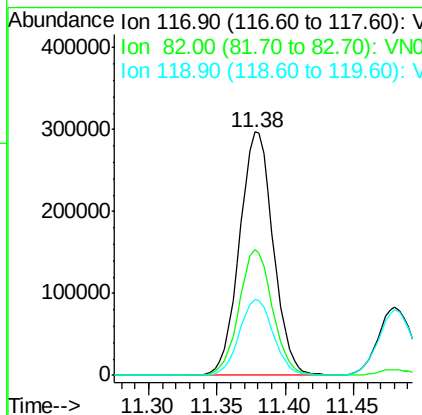
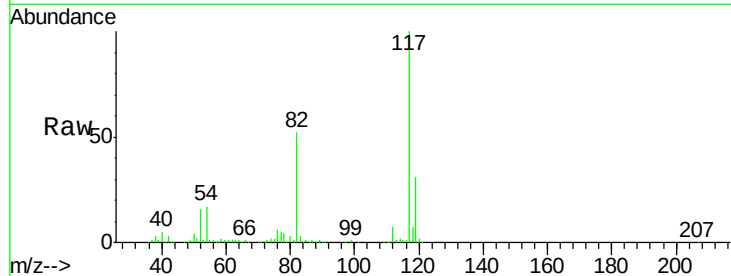
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	510524		
82	51.8		41.5	62.3
119	31.2		25.6	38.4

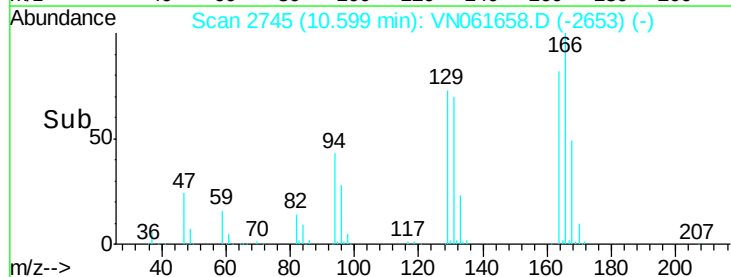
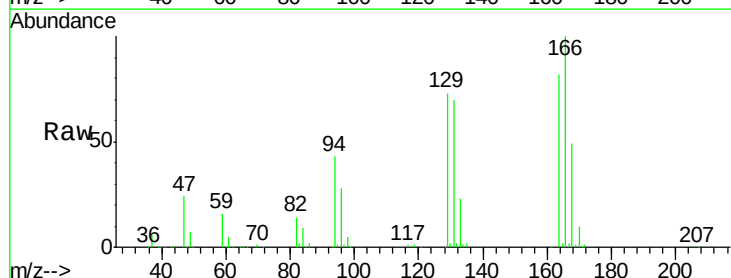
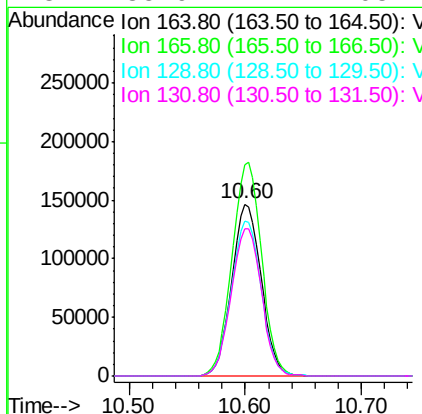
Manual Integrations
APPROVED

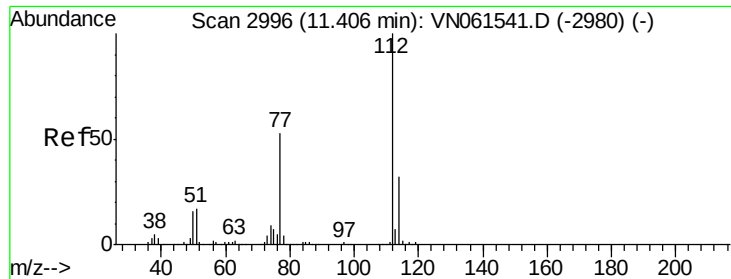
MMDadoda
6/8/2020 11:49:04 AM



#64
Tetrachloroethene
Concen: 53.535 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257268		
166	122.6		101.5	152.3
129	90.0		74.9	112.3
131	85.9		72.2	108.2





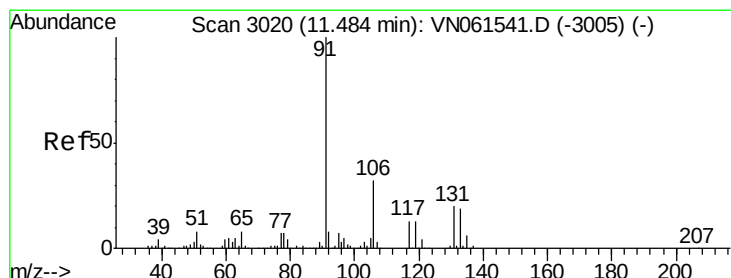
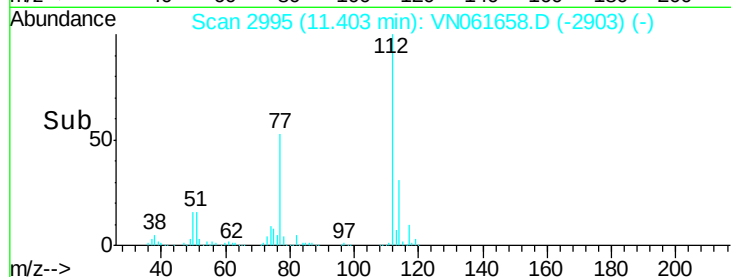
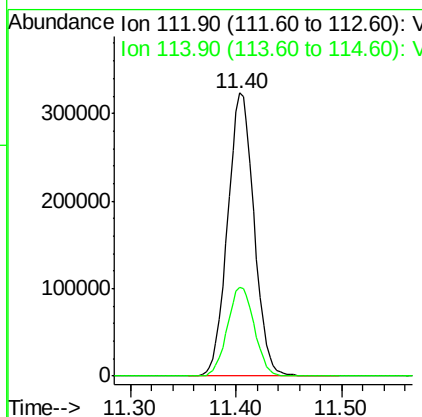
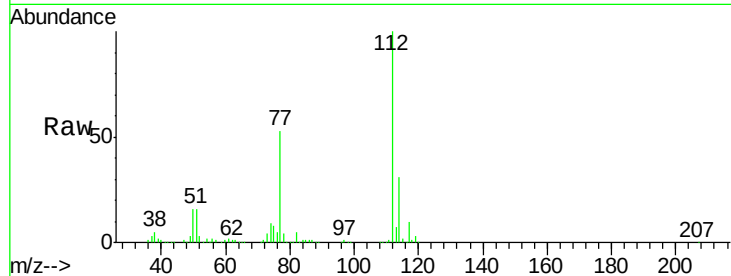
#65
Chlorobenzene
Concen: 52.737 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 559636
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

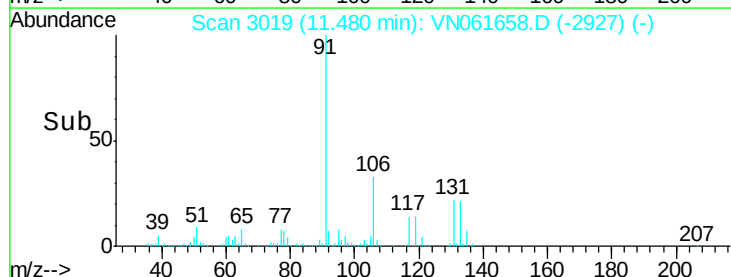
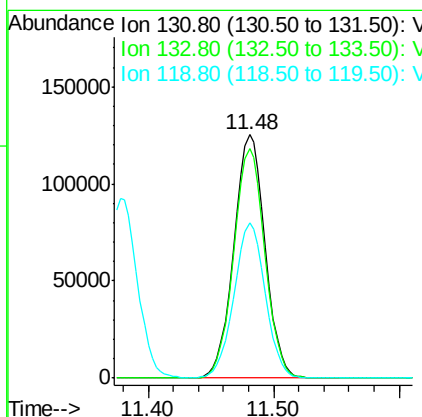
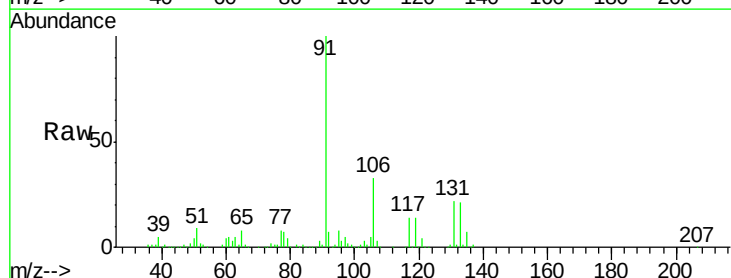
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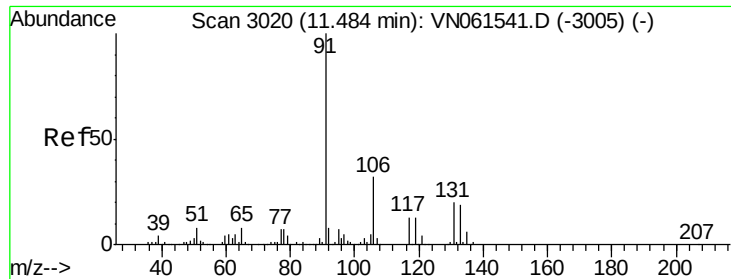
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.671 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion:131 Resp: 216022
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 63.5 32.6 97.8





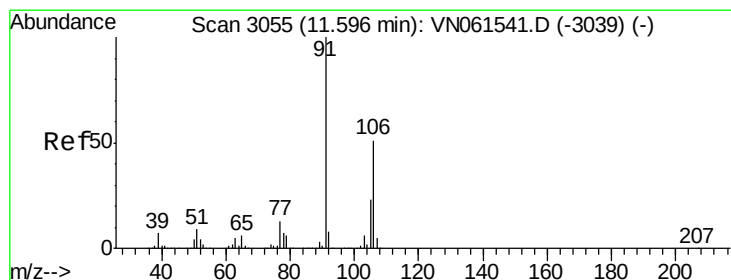
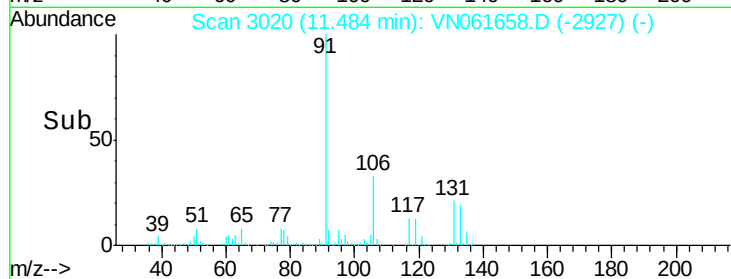
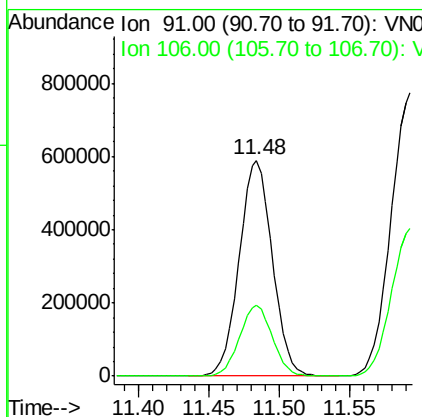
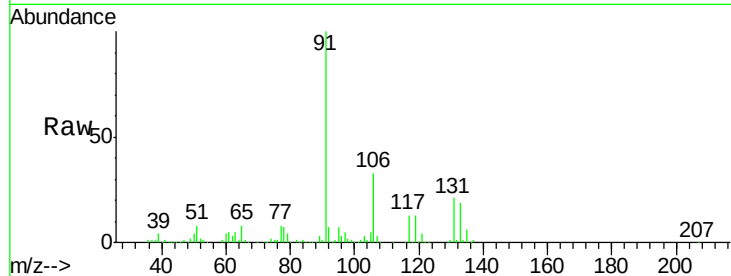
#67
Ethyl Benzene
Concen: 52.943 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 971063
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4

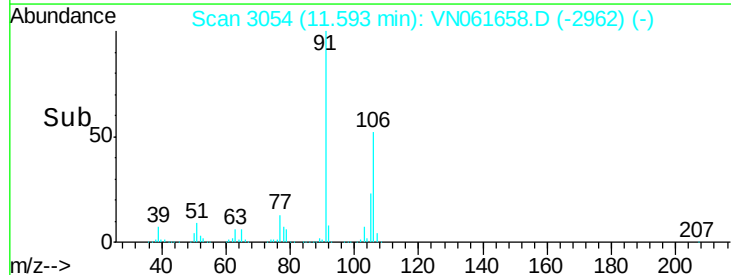
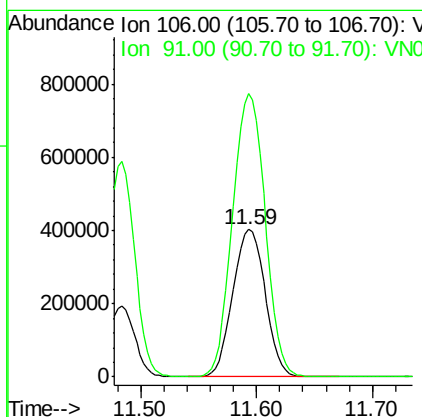
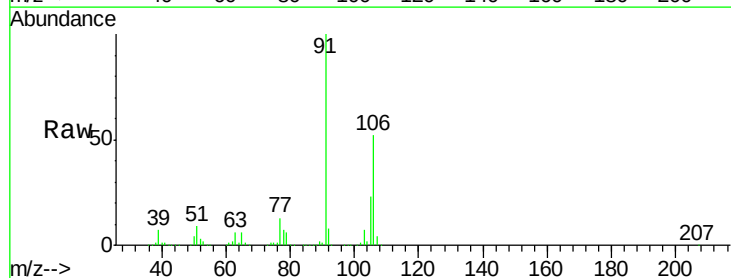
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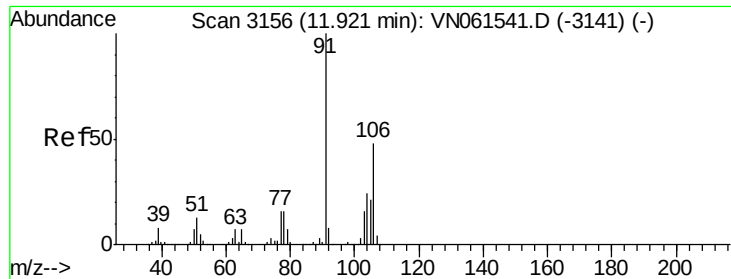
MMDadoda
6/8/2020 11:49:04 AM



#68
m/p-Xylenes
Concen: 107.311 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 106 Resp: 780422
Ion Ratio Lower Upper
106 100
91 193.0 156.2 234.4





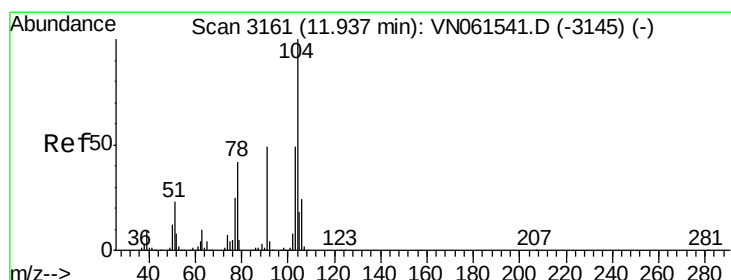
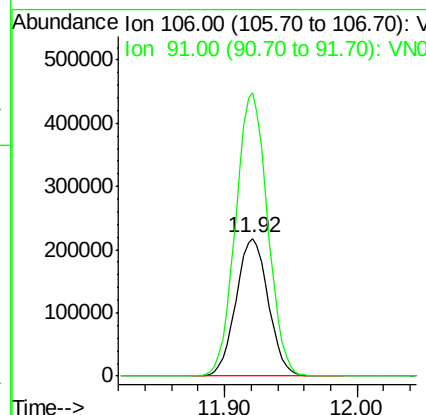
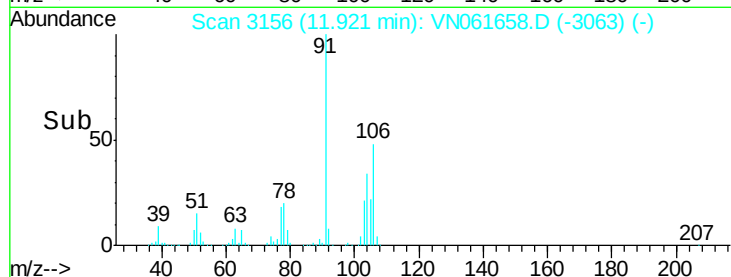
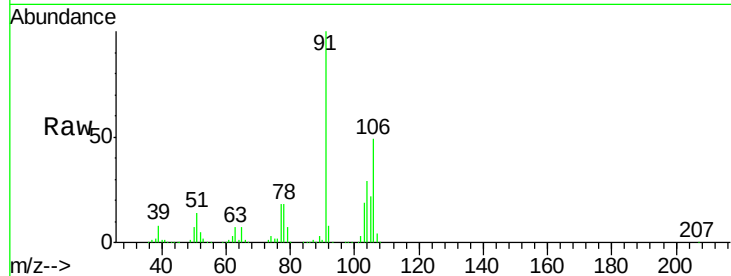
#69
o-Xylene
Concen: 53.330 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.8	103.3	309.8

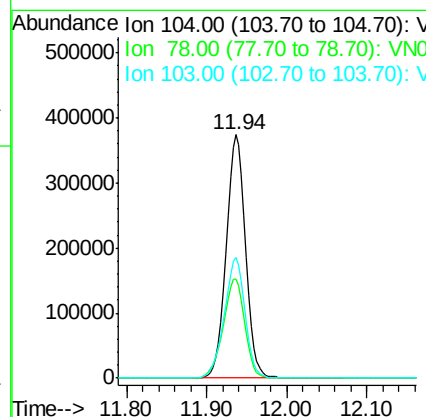
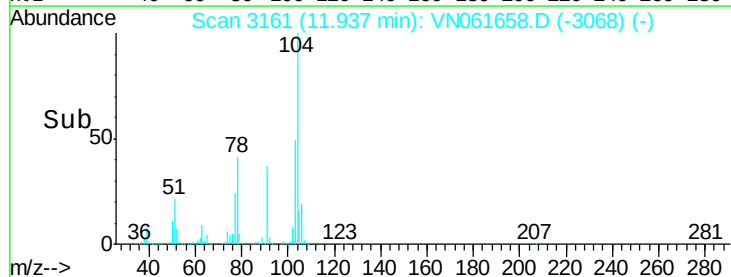
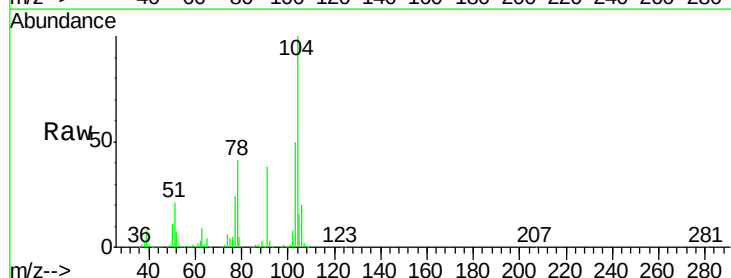
Manual Integrations
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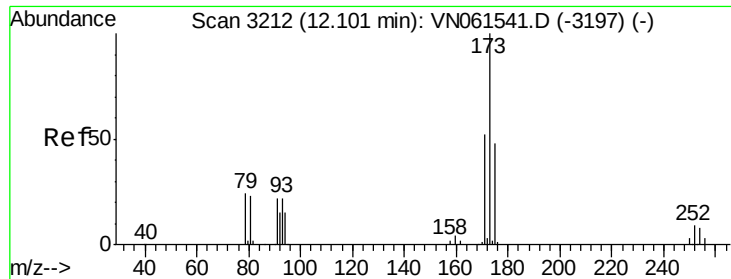
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#70
Styrene
Concen: 54.753 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.6	37.4	56.0
103	53.4	42.3	63.5





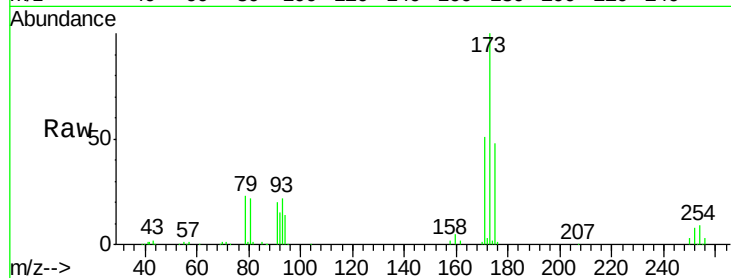
#71
Bromoform
Concen: 54.207 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.2
254	0.1	0.0	0.0#

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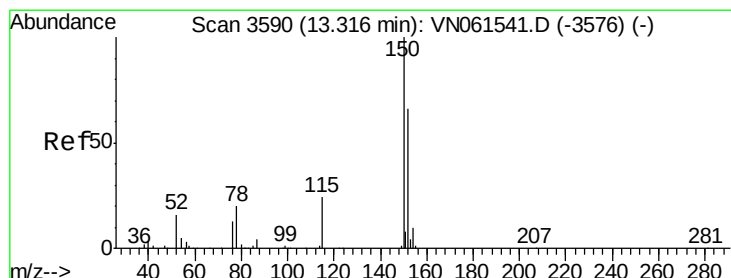
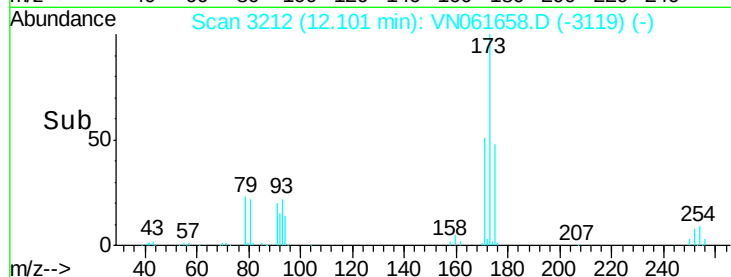
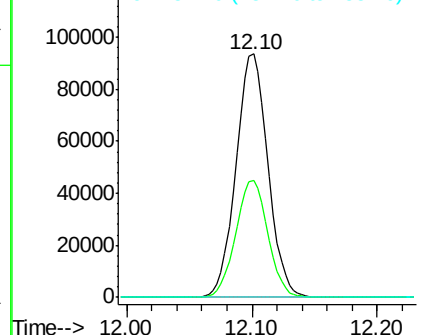


Abundance

Ion 172.70 (172.40 to 173.40): V

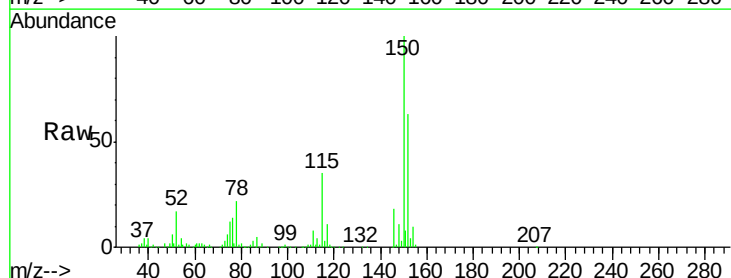
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.0	84.0
150	174.6	0.0	344.0

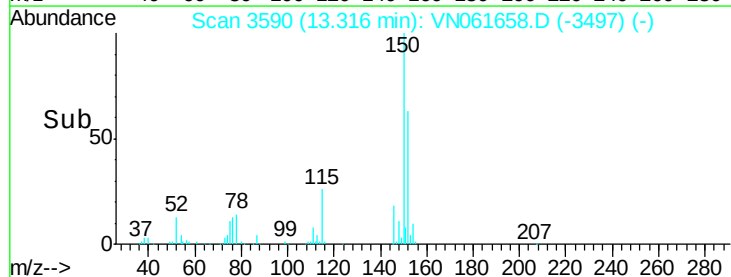
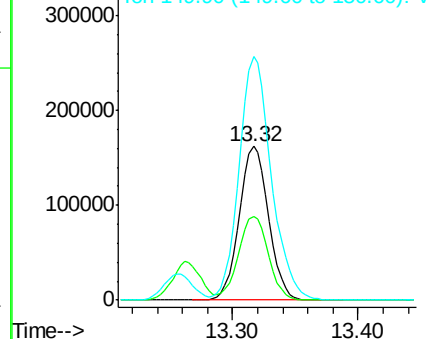


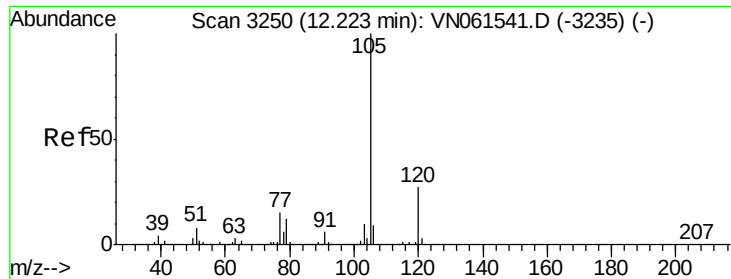
Abundance

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: 51.435 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 984812

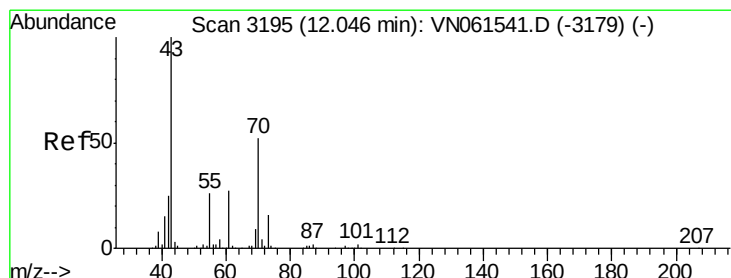
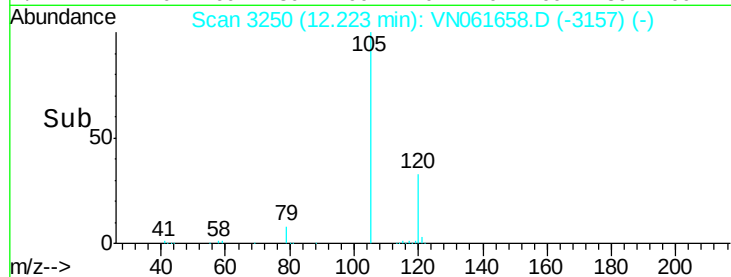
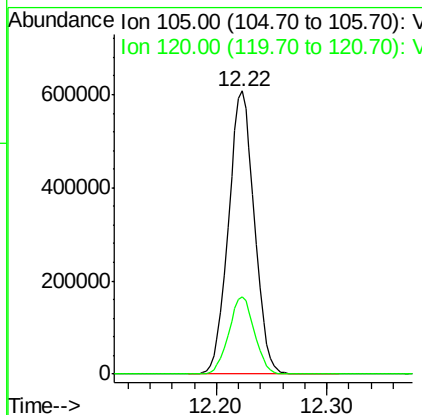
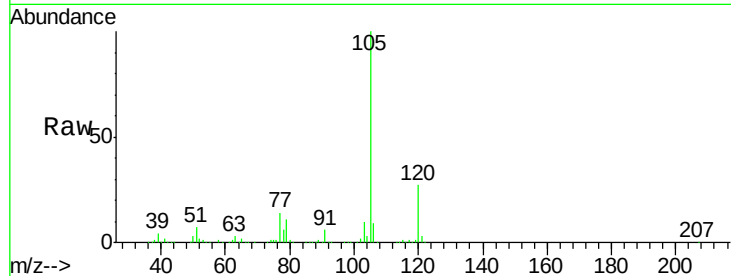
Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 46.584 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion: 43 Resp: 280890

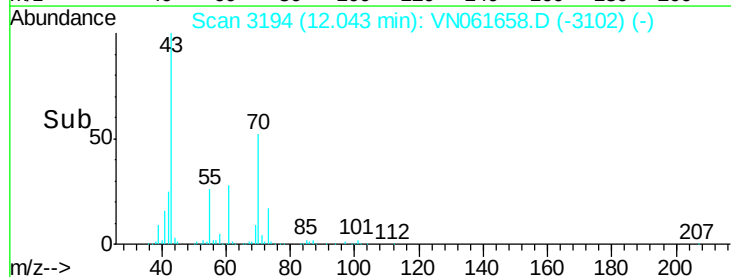
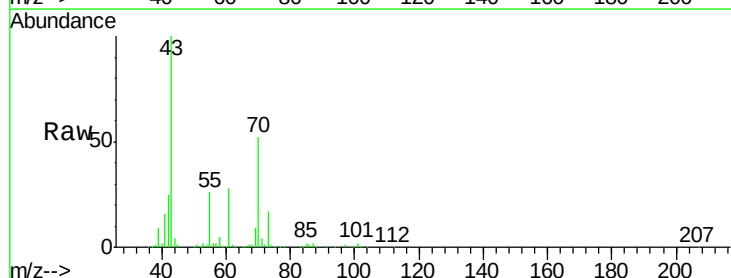
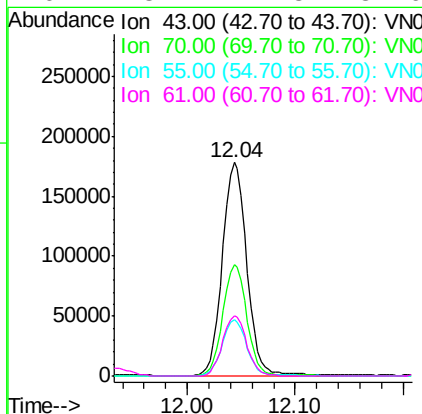
Ion Ratio Lower Upper

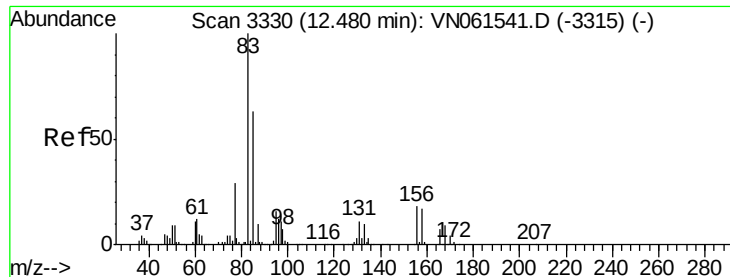
43 100

70 51.7 40.5 60.7

55 26.7 20.6 31.0

61 28.1 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.163 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

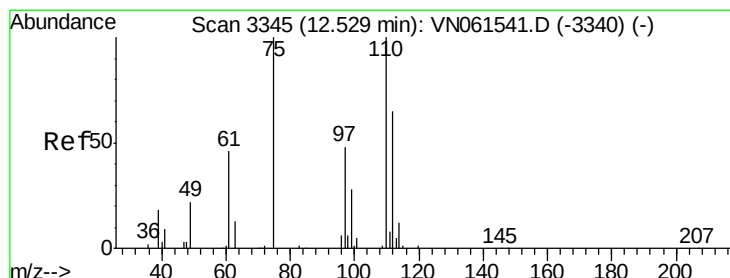
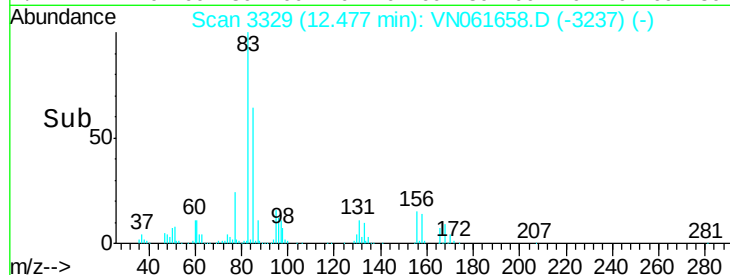
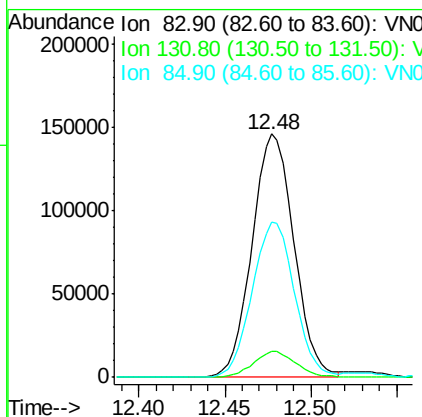
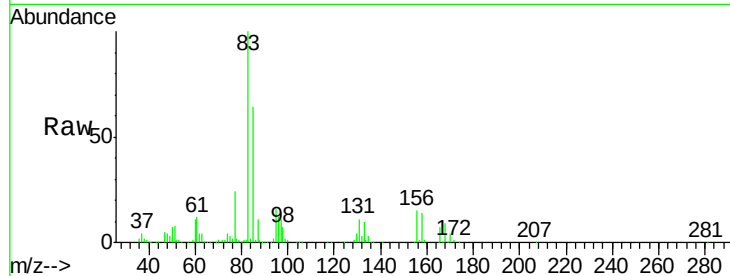
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	247692
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.164 ug/l m

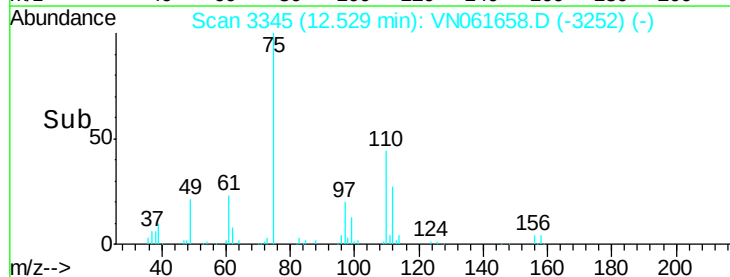
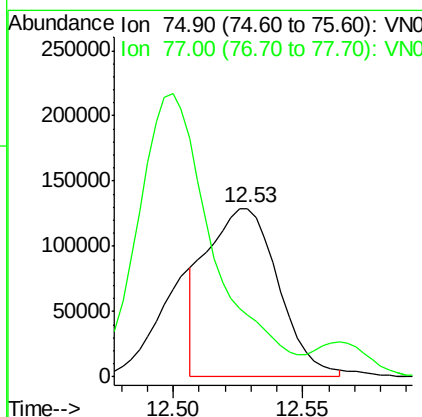
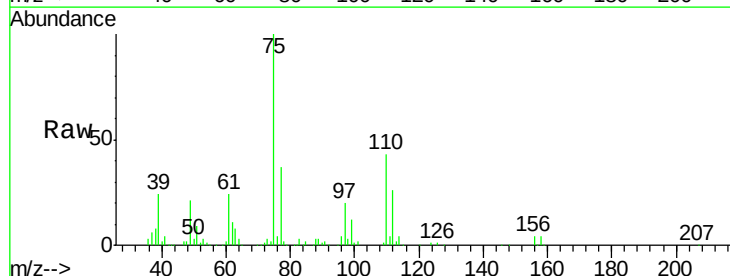
RT: 12.53 min Scan# 3345

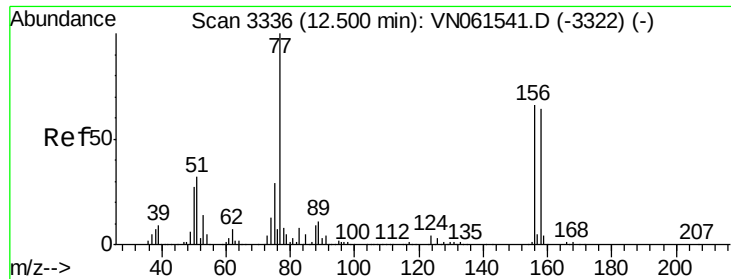
Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion:	75	Resp:	248835
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.717 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

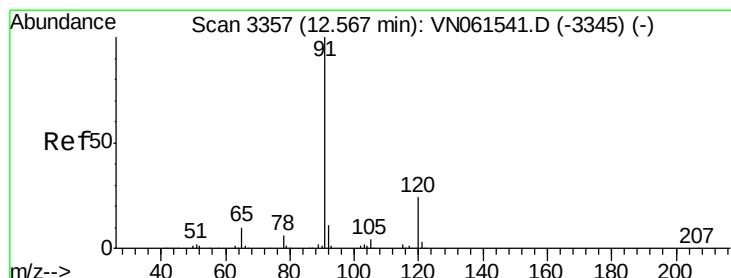
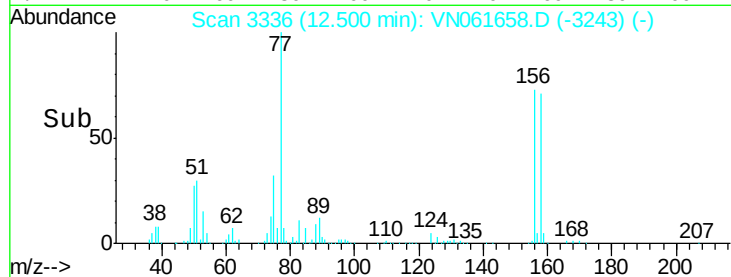
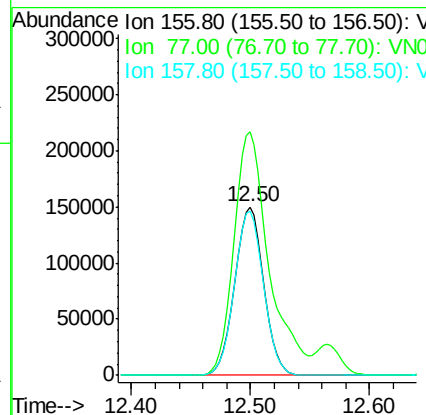
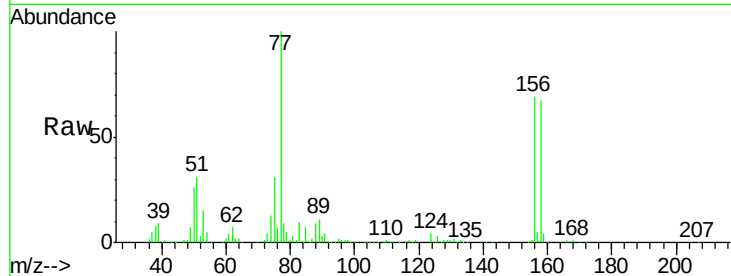
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	252759
Ion Ratio	Lower	Upper	
156	100		
77	174.5	90.9	272.7
158	98.0	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.465 ug/l

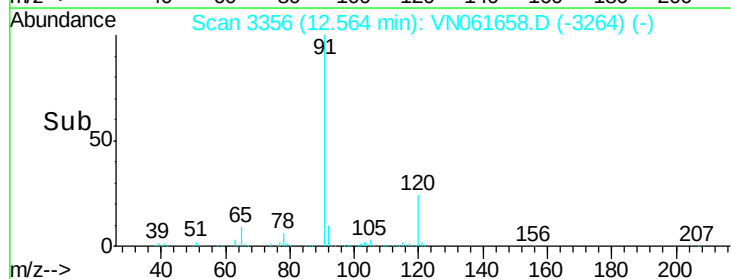
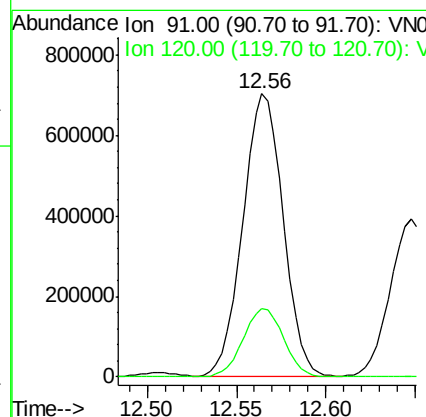
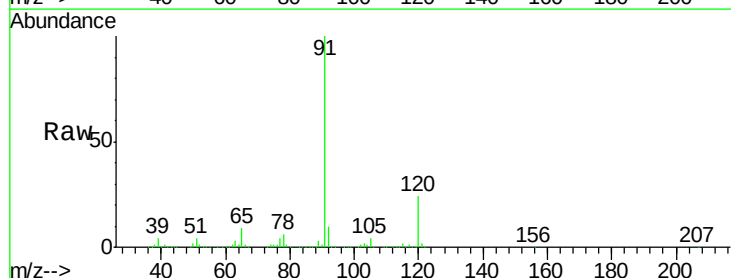
RT: 12.56 min Scan# 3356

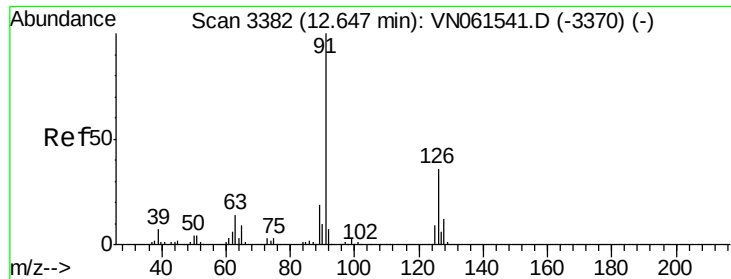
Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion:	91	Resp:	1100058
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.9





#79

2-Chlorotoluene

Concen: 49.706 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 633527

Ion Ratio Lower Upper

91 100

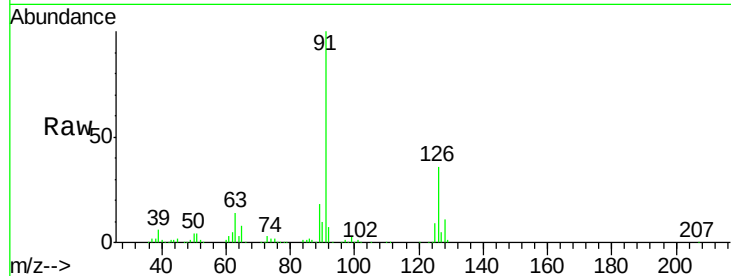
126 36.4 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061658.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061658.D (-3382) (-)

500000

400000

300000

200000

100000

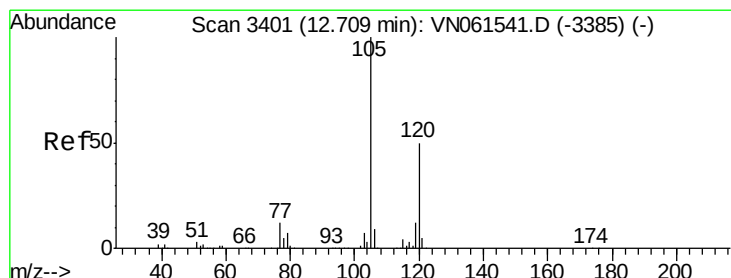
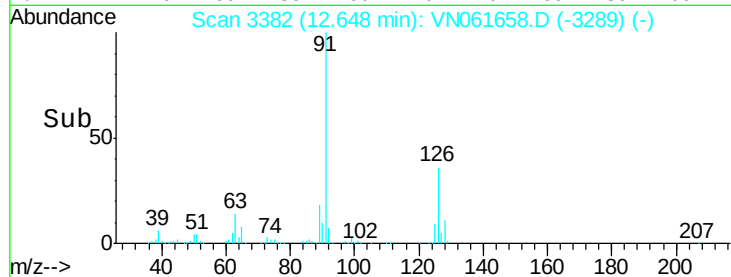
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.035 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061658.D

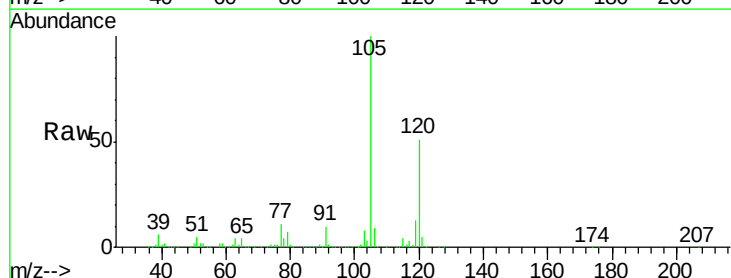
Acq: 5 Jun 2020 9:45

Tgt Ion: 105 Resp: 816725

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061658.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061658.D (-3401) (-)

600000

500000

400000

300000

200000

100000

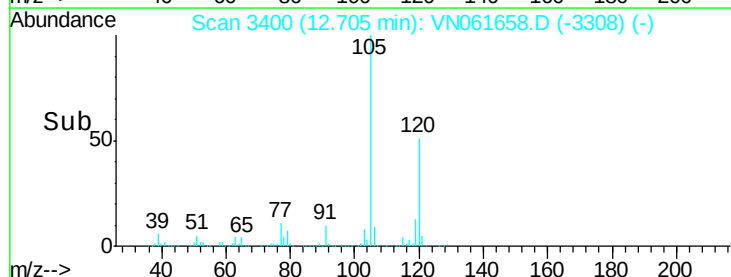
0

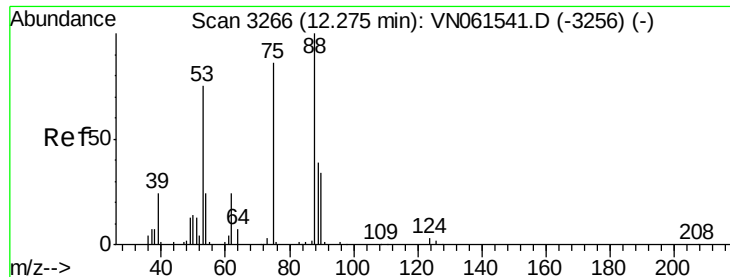
12.60

12.70

12.80

Time-->





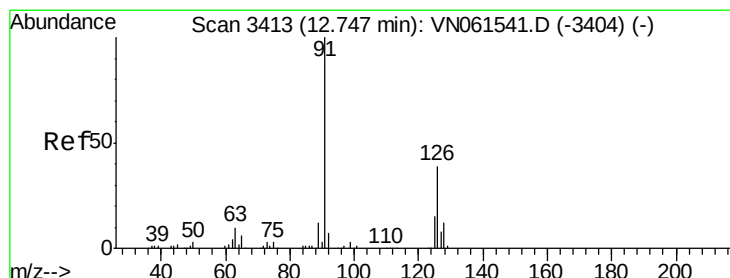
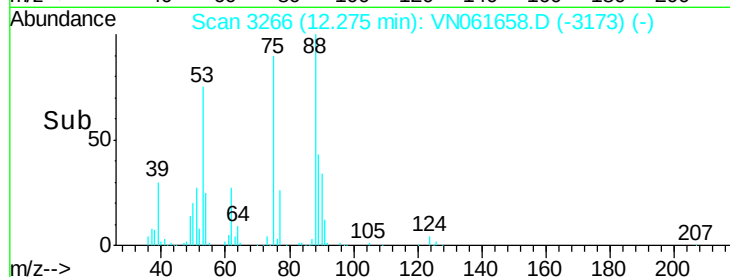
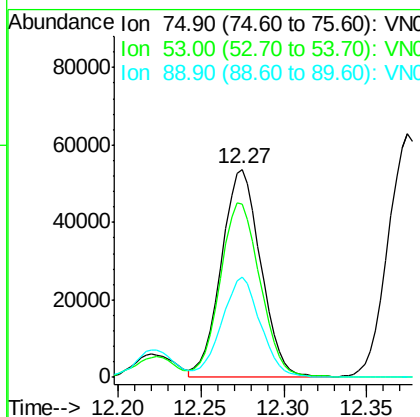
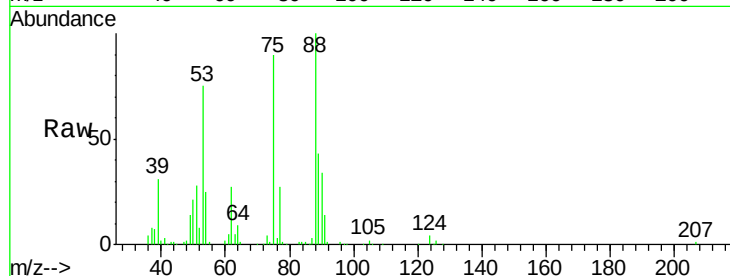
#81
trans-1,4-Dichloro-2-butene
Concen: 47.118 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	67.8	101.8
89	48.2	37.1	55.7

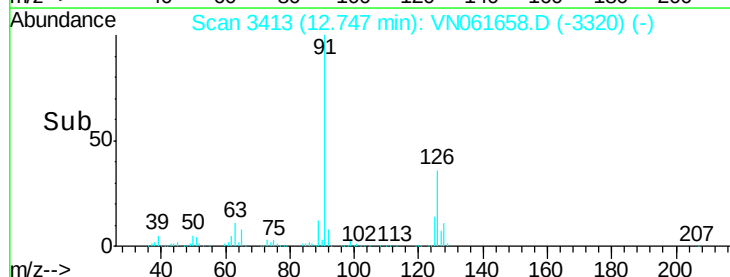
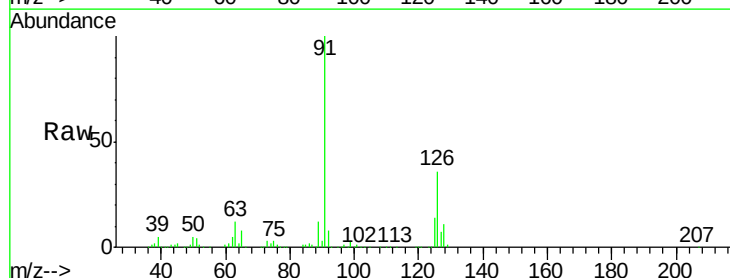
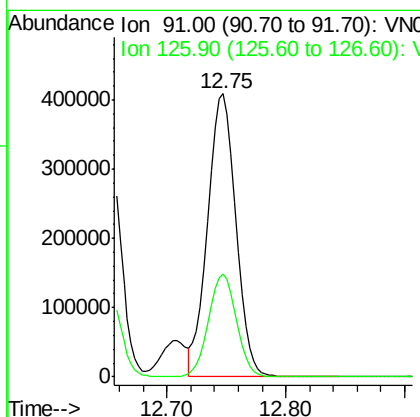
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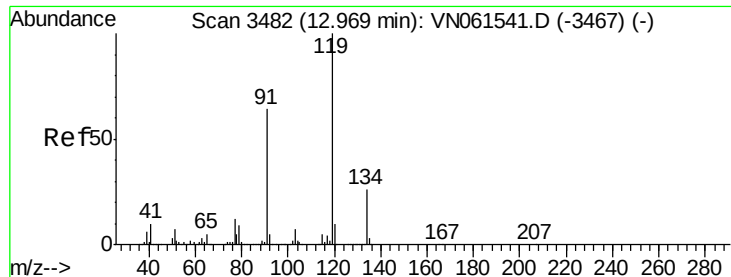
MMDadoda
6/8/2020 11:49:04 AM



#82
4-Chlorotoluene
Concen: 50.085 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6





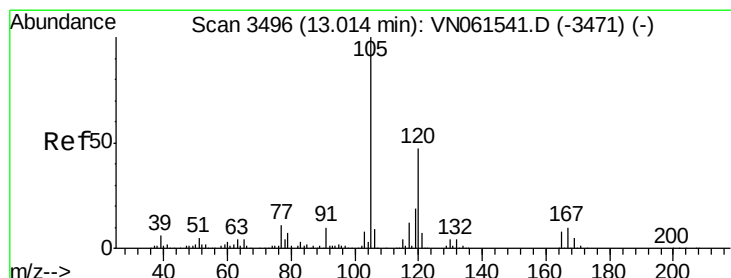
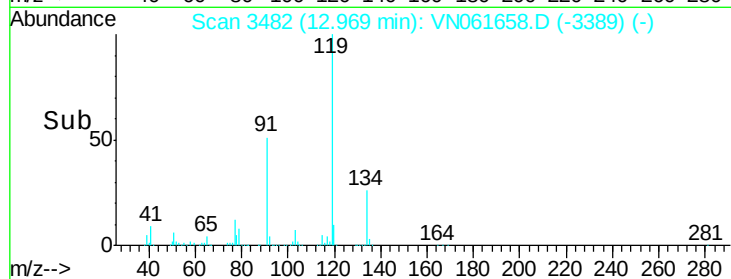
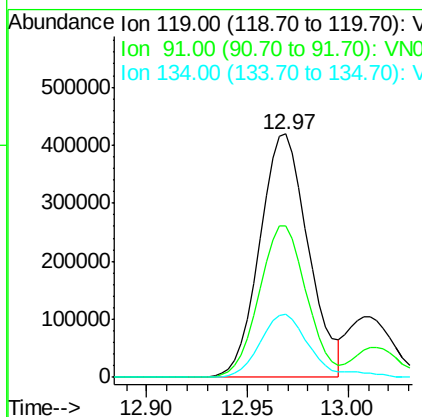
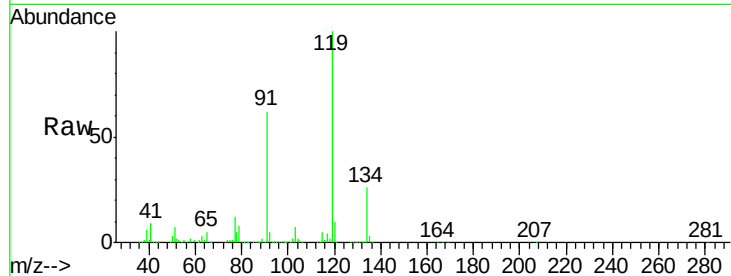
#83
 tert-Butylbenzene
 Concen: 49.725 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.3	93.8
134	26.9	13.5	40.4

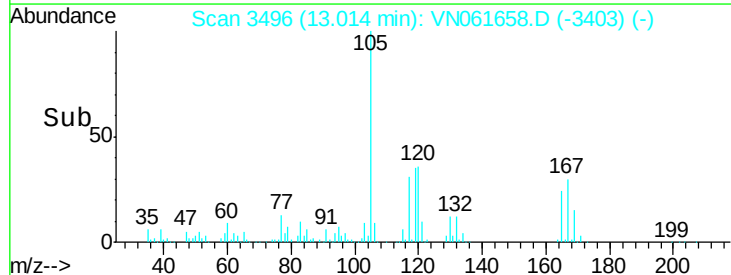
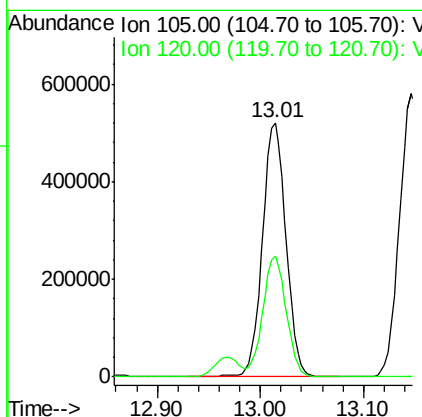
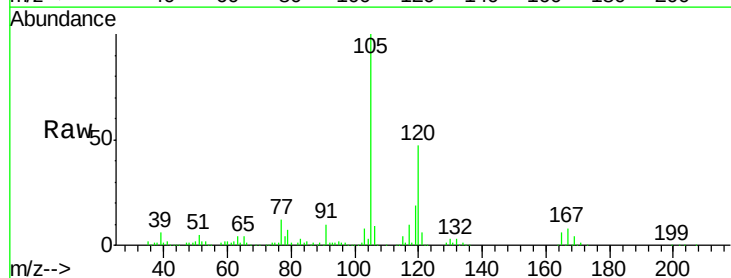
Manual Integrations
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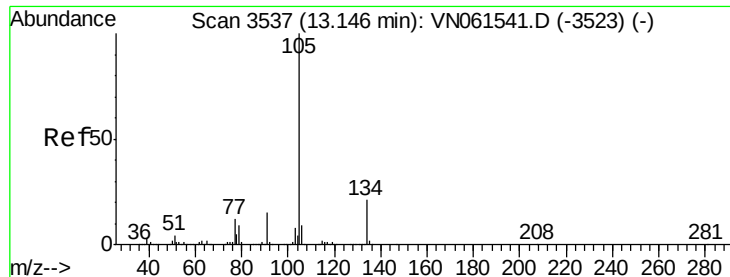
MMDadoda
 6/8/2020 11:49:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.719 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.5





#85

sec-Butylbenzene

Concen: 50.045 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 911812

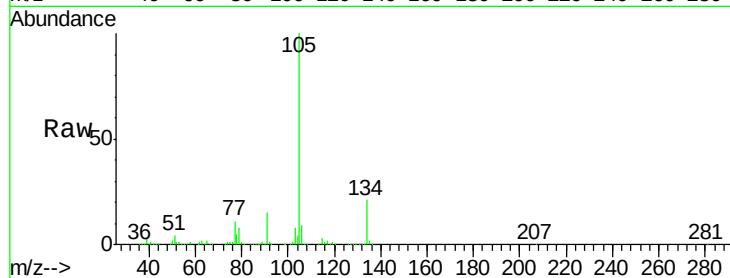
Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9

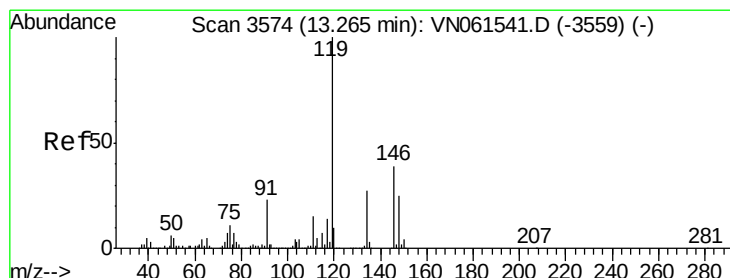
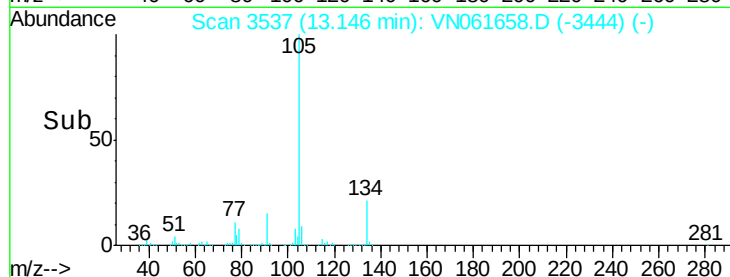
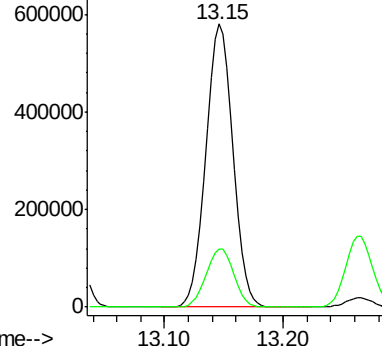
Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:49:04 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.940 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

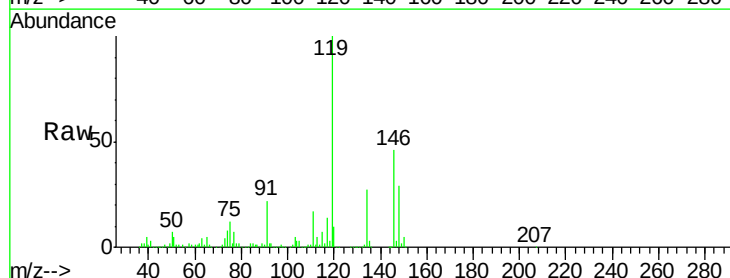
Tgt Ion:119 Resp: 854723

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

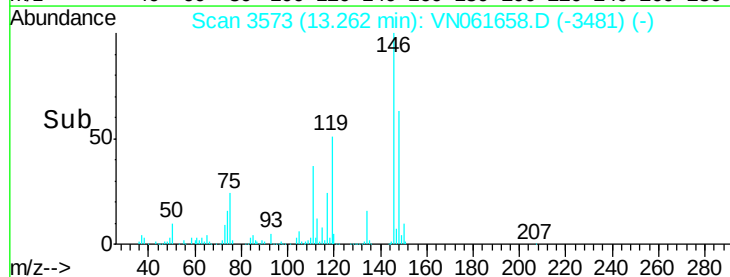
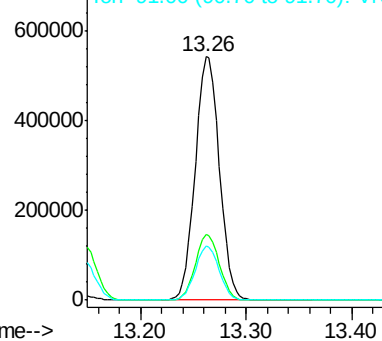
91 21.9 11.4 34.1

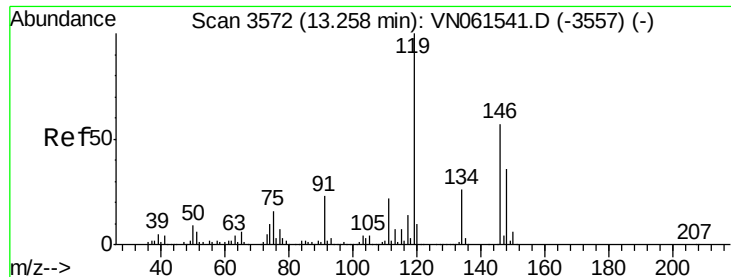


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





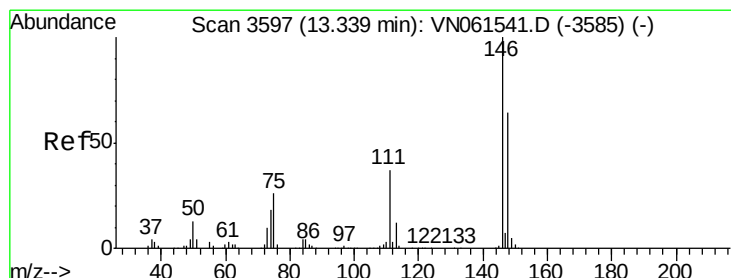
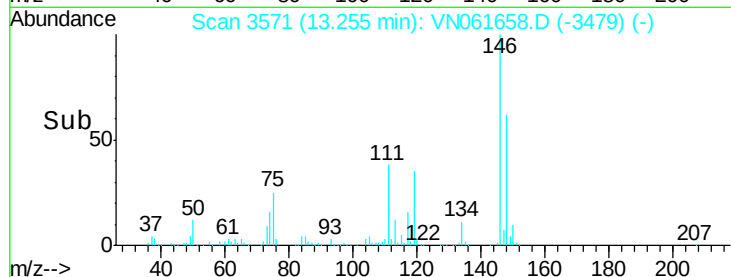
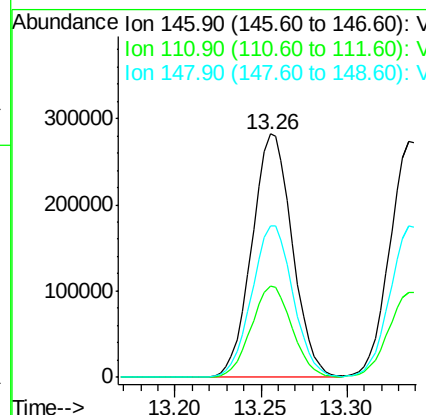
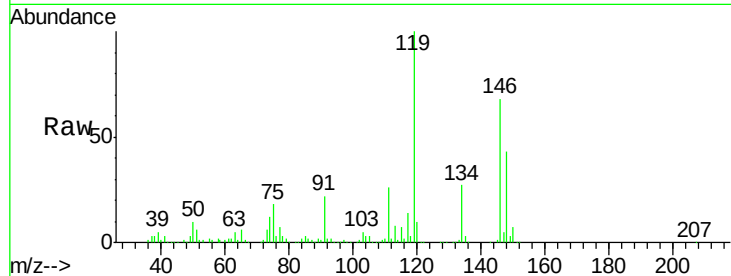
#87
 1,3-Dichlorobenzene
 Concen: 53.104 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	459597		
111	37.7	19.2	57.6	
148	63.6	31.7	95.1	

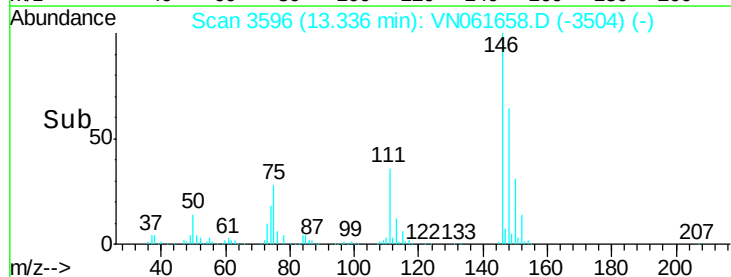
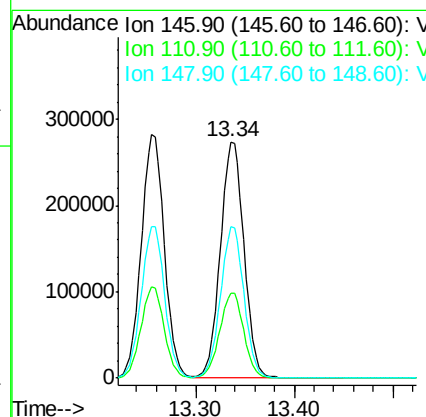
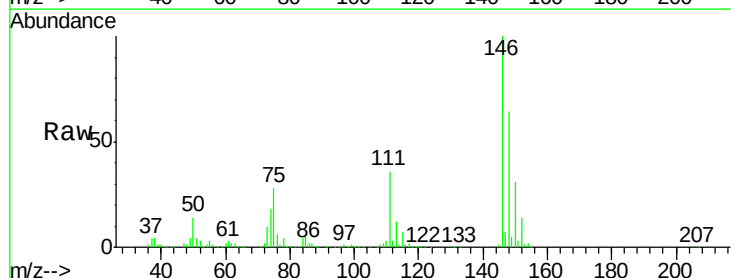
Manual Integrations
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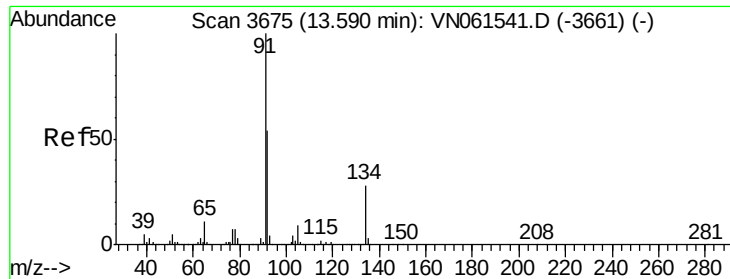
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#88
 1,4-Dichlorobenzene
 Concen: 52.405 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	462036		
111	36.8	18.9	56.9	
148	63.4	31.8	95.3	





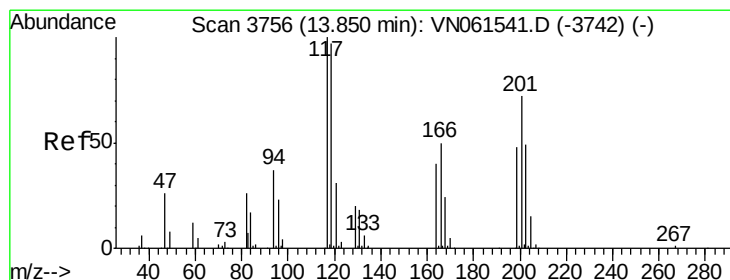
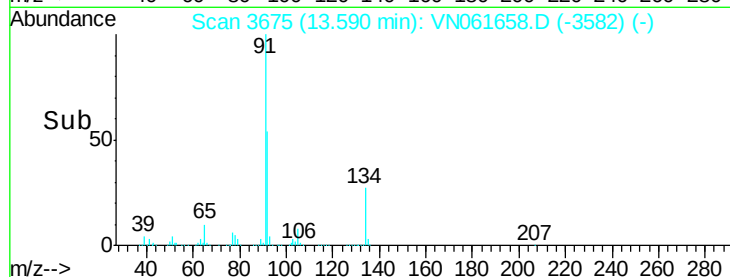
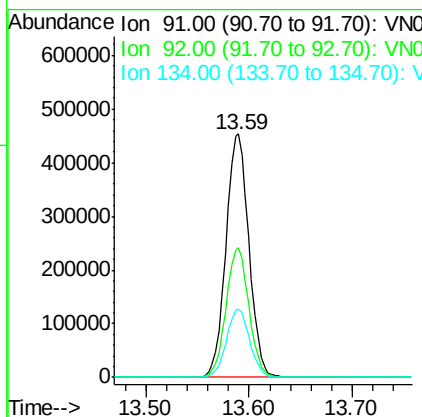
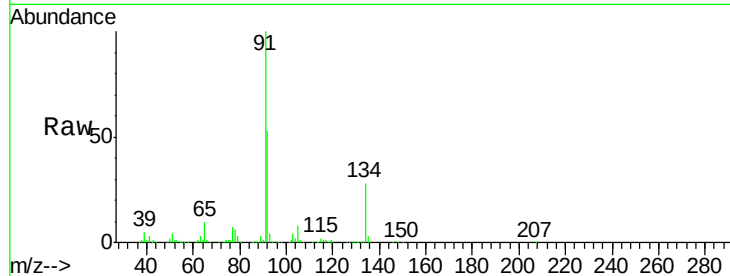
#89
n-Butylbenzene
Concen: 49.993 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.2	81.6
134	28.3	14.0	42.0

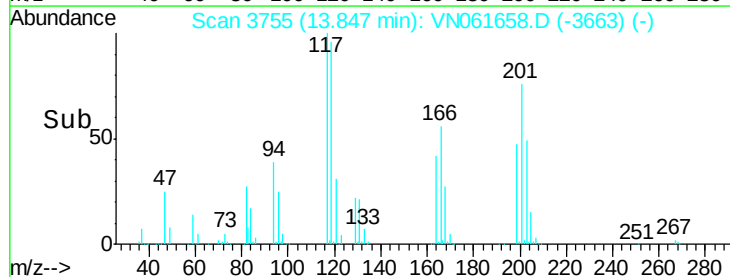
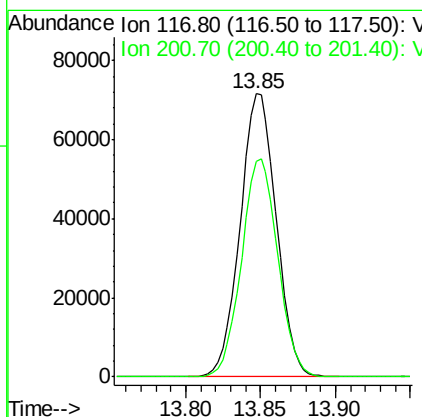
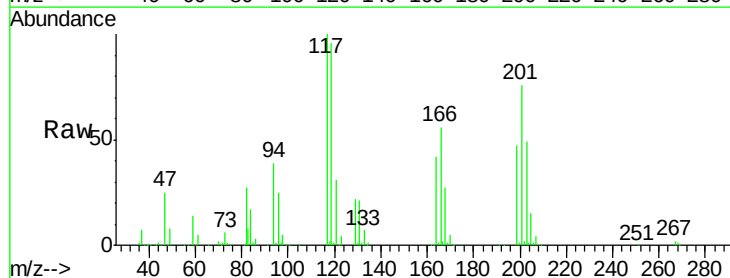
Manual Integrations
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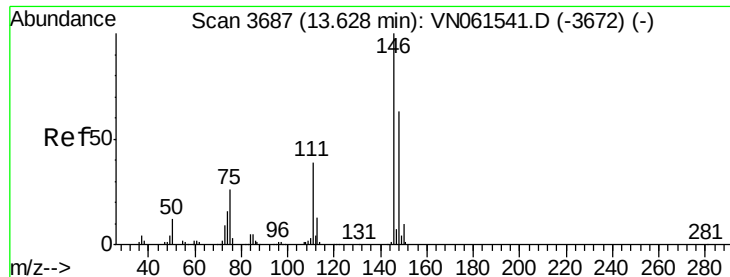
MMDadoda
6/8/2020 11:49:04 AM



#90
Hexachloroethane
Concen: 64.893 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	36.7	110.1





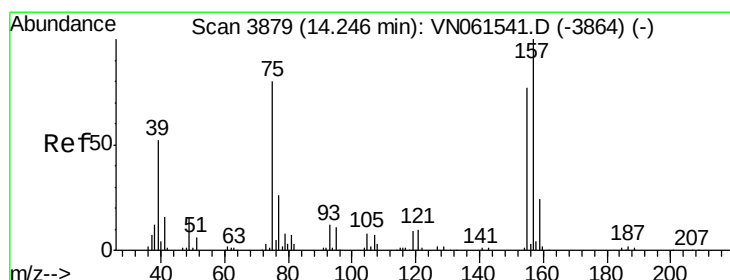
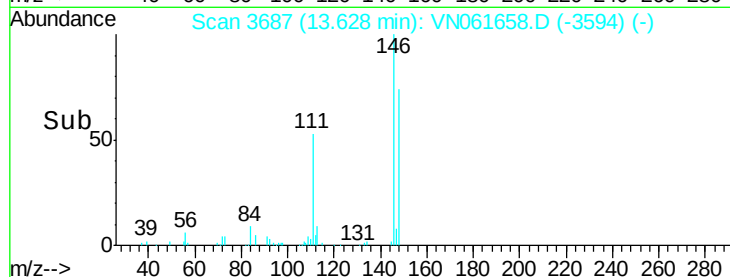
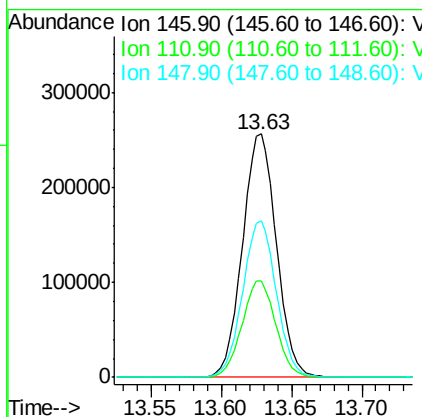
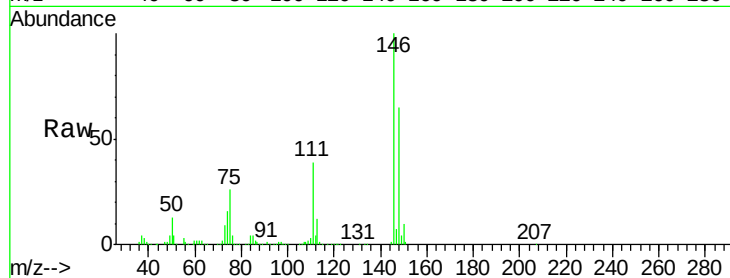
#91
 1,2-Dichlorobenzene
 Concen: 52.307 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.8	31.9	95.5

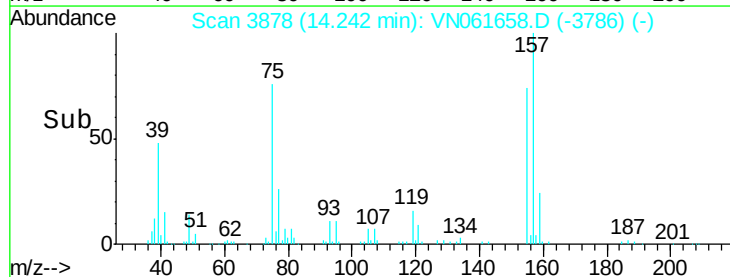
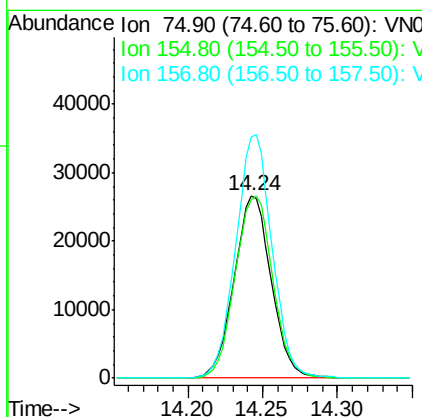
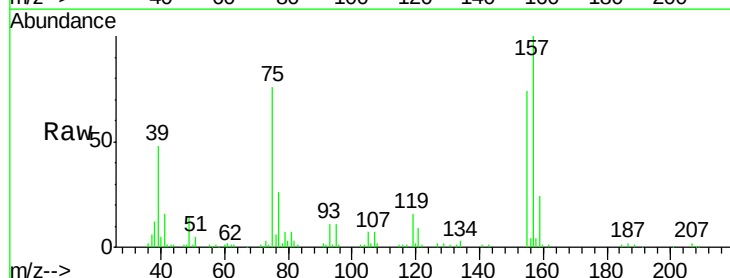
Manual Integrations
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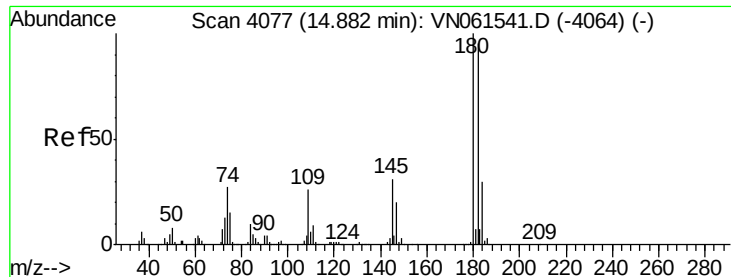
MMDadoda
 6/8/2020 11:49:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.970 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	47.1	141.4
157	130.9	60.3	180.8





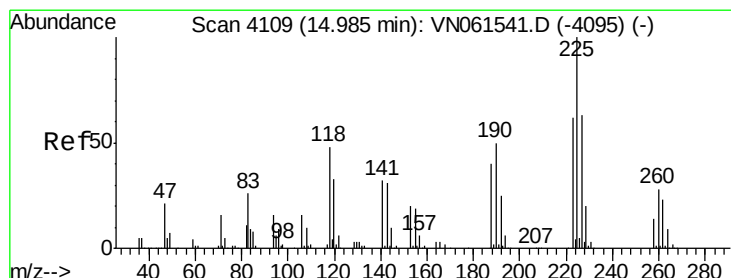
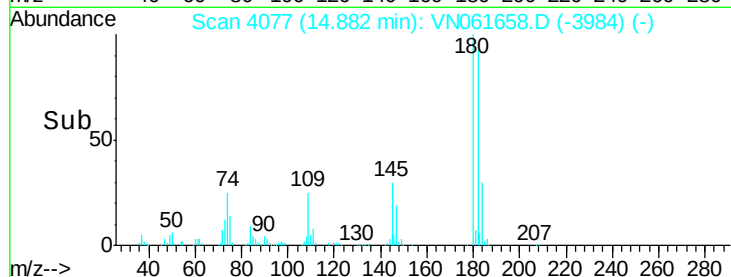
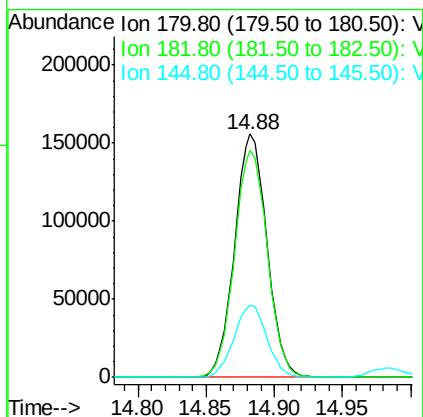
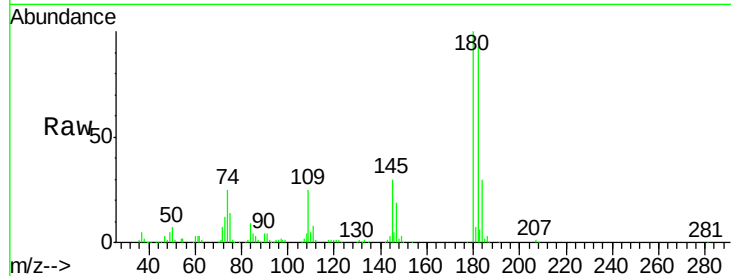
#93
 1,2,4-Trichlorobenzene
 Concen: 53.050 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	256608		
182	94.7	47.8	143.3	
145	30.2	15.5	46.5	

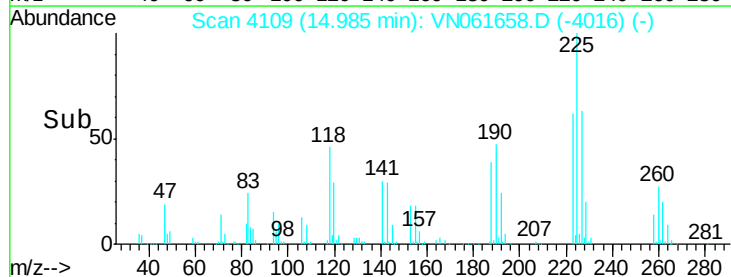
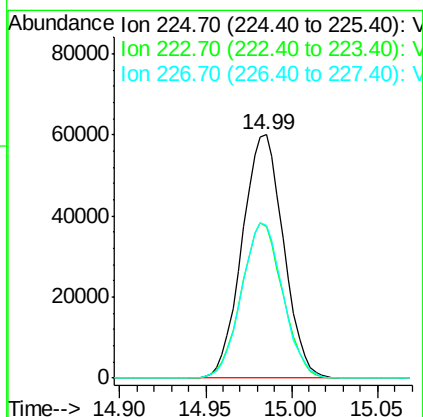
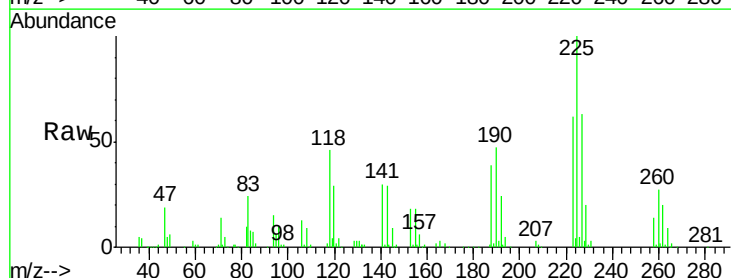
Manual Integrations
 APPROVED

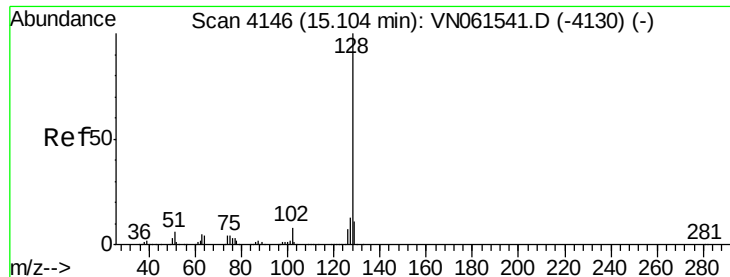
MMDadoda
 6/8/2020 11:49:04 AM



#94
 Hexachlorobutadiene
 Concen: 48.445 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99940		
223	63.5	31.9	95.5	
227	63.6	31.9	95.9	





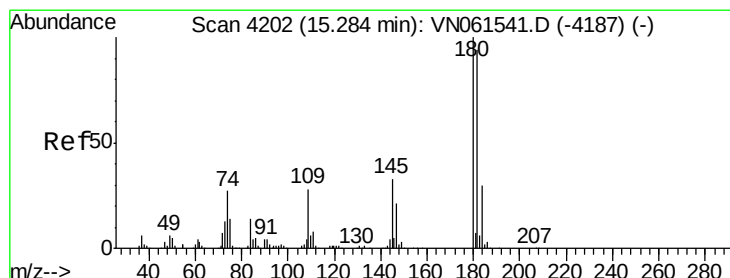
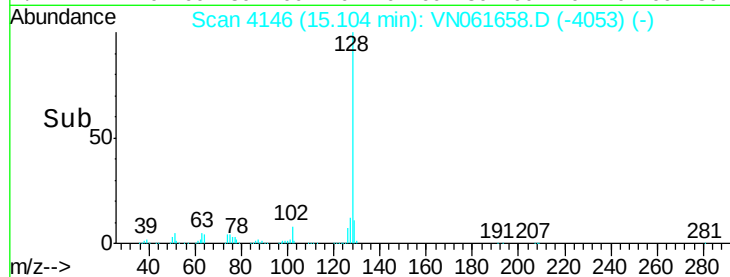
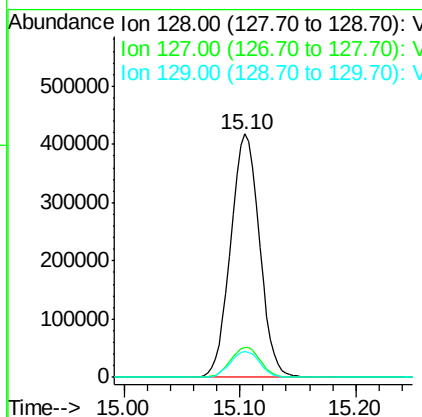
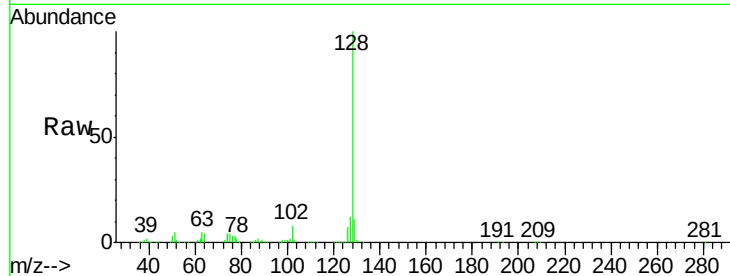
#95
Naphthalene
Concen: 48.692 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	716877		
127	12.6	10.0	15.0	
129	10.9	8.5	12.7	

Manual Integrations
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6/8/2020 11:49:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.067 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	242868		
182	95.5	47.1	141.3	
145	32.6	16.3	48.9	

