

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062370.D
 Acq On : 6 Jul 2020 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:12 AM

Quant Time: Jul 07 05:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	1110843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1860201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1758356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	861425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	946299	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.55	113	622847	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.06	98	2374838	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.37	95	913188	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	607030	48.290	ug/l	100
3) Chloromethane	2.03	50	874395	46.821	ug/l	99
4) Vinyl Chloride	2.16	62	736647	46.193	ug/l	100
5) Bromomethane	2.52	94	417072	50.433	ug/l	99
6) Chloroethane	2.66	64	443373	47.824	ug/l	97
7) Trichlorofluoromethane	2.98	101	1095622	49.776	ug/l	99
8) Diethyl Ether	3.37	74	407485	47.918	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	589818	47.958	ug/l	100
10) Methyl Iodide	3.91	142	714086	48.359	ug/l	99
11) Tert butyl alcohol	4.73	59	693581	249.322	ug/l	99
12) 1,1-Dichloroethene	3.69	96	546935	47.906	ug/l	99
13) Acrolein	3.56	56	254831	215.824	ug/l	99
14) Allyl chloride	4.27	41	1394028	50.104	ug/l	99
15) Acrylonitrile	4.93	53	1847518	252.866	ug/l	99
16) Acetone	3.77	43	1870280	201.891	ug/l	98
17) Carbon Disulfide	4.01	76	1669071	46.172	ug/l	100
18) Methyl Acetate	4.27	43	954532	51.707	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	2190132	50.125	ug/l	99
20) Methylene Chloride	4.50	84	686418	50.647	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	604657	47.957	ug/l	98
22) Diisopropyl ether	5.90	45	2797753	50.275	ug/l	99
23) Vinyl Acetate	5.84	43	11461732	257.008	ug/l	100
24) 1,1-Dichloroethane	5.79	63	1352993	49.062	ug/l	100
25) 2-Butanone	6.78	43	2843335	243.726	ug/l	100
26) 2,2-Dichloropropane	6.77	77	1108928	48.819	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	699251	48.416	ug/l	99
28) Bromochloromethane	7.14	49	785082	50.945	ug/l	97
29) Tetrahydrofuran	7.16	42	1901758	256.479	ug/l	99
30) Chloroform	7.33	83	1284869	47.876	ug/l	97
31) Cyclohexane	7.61	56	1214463	47.663	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1100695	48.809	ug/l	100
36) 1,1-Dichloropropene	7.75	75	973656	49.812	ug/l	99
37) Ethyl Acetate	6.88	43	1199729	51.738	ug/l	98
38) Carbon Tetrachloride	7.73	117	977878	49.749	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1052734	50.081	ug/l	96
40) Benzene	8.00	78	2772606	49.932	ug/l	99
41) Methacrylonitrile	7.12	41	547696	46.791	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	1203249	49.182	ug/l	100
43) Isopropyl Acetate	8.12	43	1986659	51.258	ug/l	99
44) Trichloroethene	8.80	130	654061	49.270	ug/l	98
45) 1,2-Dichloropropane	9.08	63	812478	49.917	ug/l	100
46) Dibromomethane	9.17	93	501162	49.748	ug/l	99
47) Bromodichloromethane	9.37	83	1047975	48.805	ug/l	99
48) Methyl methacrylate	9.17	41	1001710	50.638	ug/l	100
49) 1,4-Dioxane	9.17	88	259588	966.261	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	5696545	259.204	ug/l	100
52) Toluene	10.12	92	1711420	51.541	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1192036	51.594	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1239927	50.296	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	667391	50.156	ug/l	98
56) Ethyl methacrylate	10.40	69	1124295	52.460	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1214131	49.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2058112	266.997	ug/l	99
59) 2-Hexanone	10.72	43	4324369	275.286	ug/l	99
60) Dibromochloromethane	10.87	129	769866	50.807	ug/l	99
61) 1,2-Dibromoethane	10.98	107	684198	50.087	ug/l	98
64) Tetrachloroethene	10.60	164	537327	47.494	ug/l	96
65) Chlorobenzene	11.40	112	1777729	49.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	685530	50.553	ug/l	99
67) Ethyl Benzene	11.48	91	3317356	52.094	ug/l	99
68) m/p-Xylenes	11.59	106	2473729	105.685	ug/l	100
69) o-Xylene	11.92	106	1178238	51.177	ug/l	99
70) Styrene	11.94	104	2036325	53.526	ug/l	99
71) Bromoform	12.10	173	529567	49.738	ug/l #	99
73) Isopropylbenzene	12.22	105	3195932	49.934	ug/l	100
74) N-amyl acetate	12.04	43	1784992	52.129	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1050405	47.132	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	997646m	47.948	ug/l	
77) Bromobenzene	12.50	156	751754	49.917	ug/l	96
78) n-propylbenzene	12.56	91	3785929	50.567	ug/l	100
79) 2-Chlorotoluene	12.65	91	2281817	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2749202	51.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	358893	49.327	ug/l	100
82) 4-Chlorotoluene	12.75	91	2398431	50.685	ug/l	99
83) tert-Butylbenzene	12.97	119	2322880	51.147	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2746039	51.834	ug/l	100
85) sec-Butylbenzene	13.15	105	3078583	52.919	ug/l	99
86) p-Isopropyltoluene	13.26	119	2780629	53.034	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1366865	50.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1369651	48.897	ug/l	100
89) n-Butylbenzene	13.59	91	2466702	54.483	ug/l	100
90) Hexachloroethane	13.85	117	518191	46.219	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1332155	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	202868	46.448	ug/l	96

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VSTDCCC050

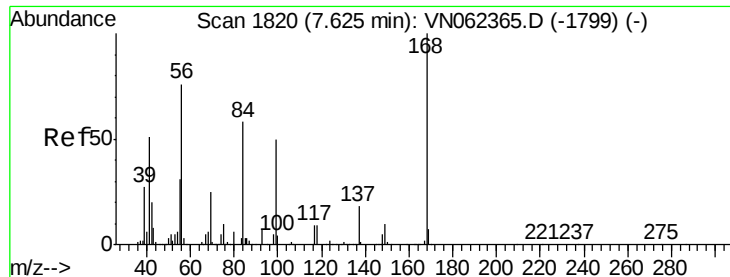
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	662757	48.135	ug/l	99
94) Hexachlorobutadiene	14.98	225	360768	52.597	ug/l	98
95) Naphthalene	15.10	128	1750266	47.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	654367	52.374	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

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Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 1110843

Ion Ratio Lower Upper

168 100

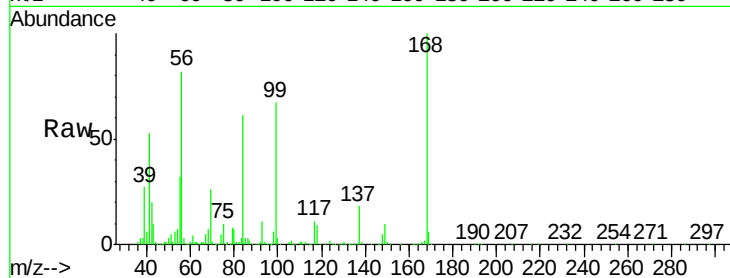
99 66.3 52.9 79.3

Manual Integrations

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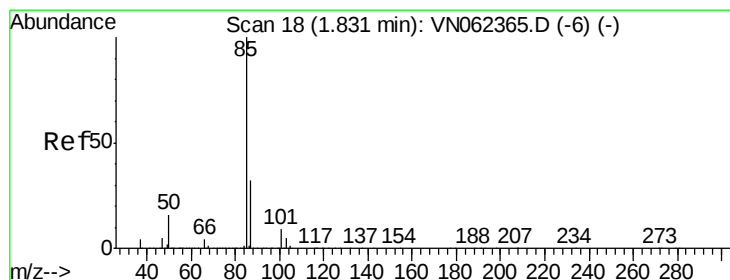
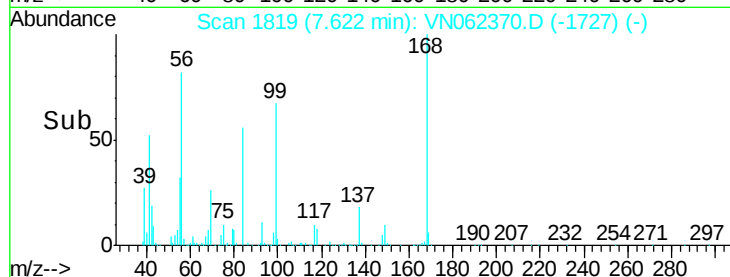
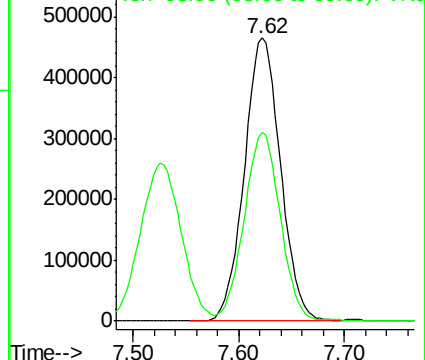
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.290 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062370.D

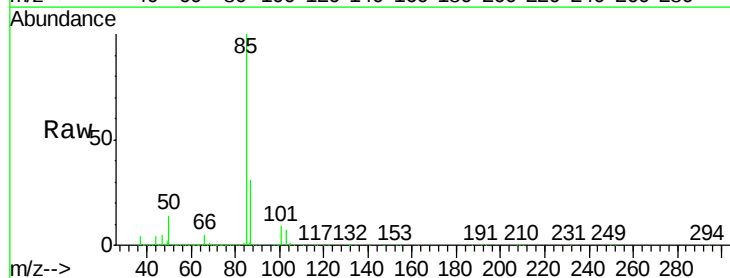
Acq: 6 Jul 2020 17:54

Tgt Ion: 85 Resp: 607030

Ion Ratio Lower Upper

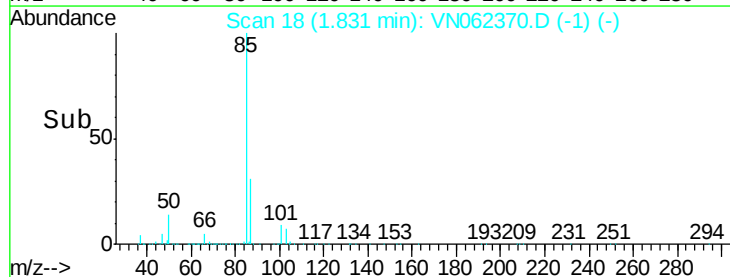
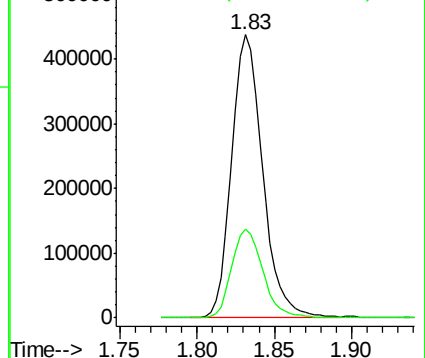
85 100

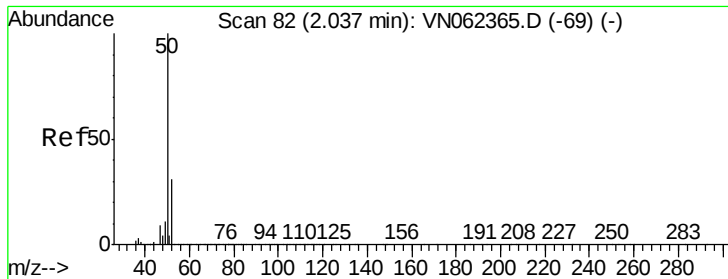
87 31.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.821 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 874395

Ion Ratio Lower Upper

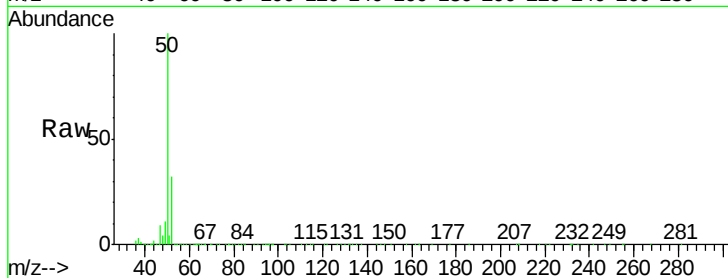
50 100

52 31.9 25.0 37.6

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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

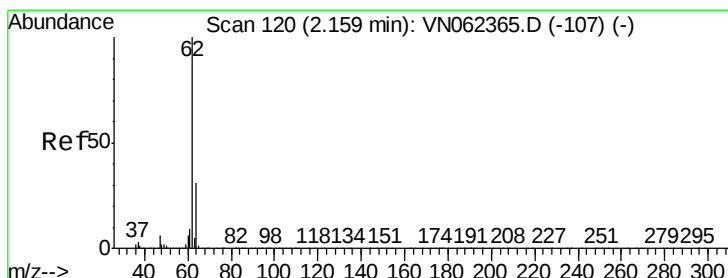
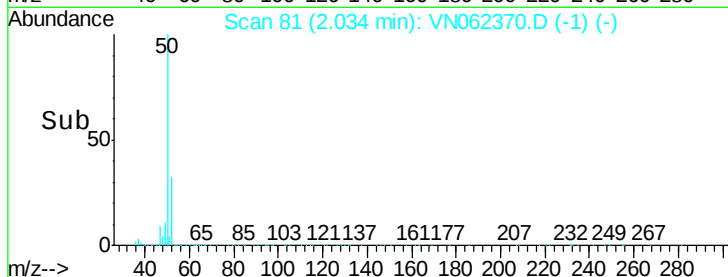
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 46.193 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062370.D

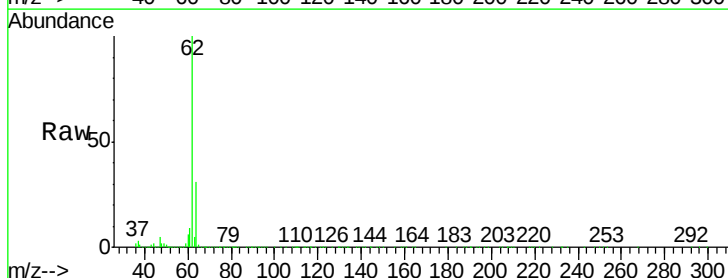
Acq: 6 Jul 2020 17:54

Tgt Ion: 62 Resp: 736647

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

500000

400000

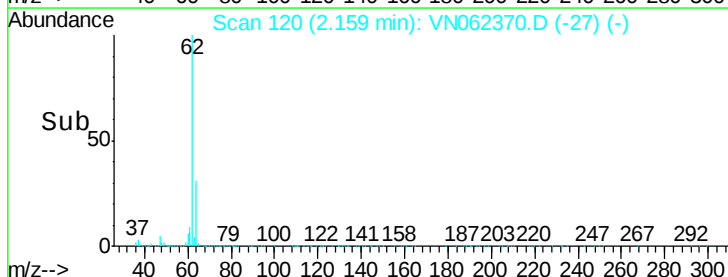
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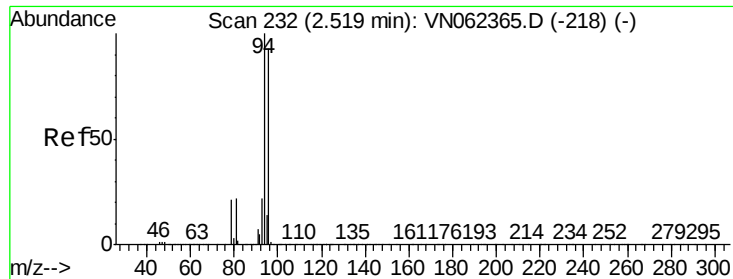
200000

100000

0

Time-->





#5

Bromomethane

Concen: 50.433 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 417072

Ion Ratio Lower Upper

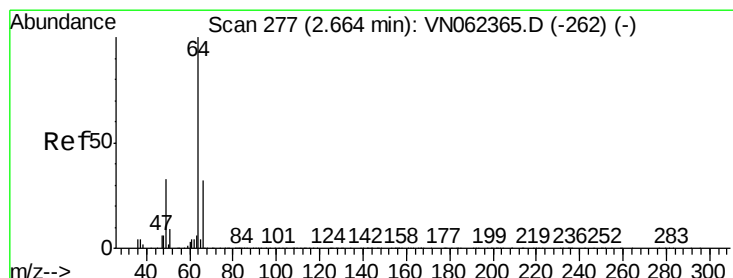
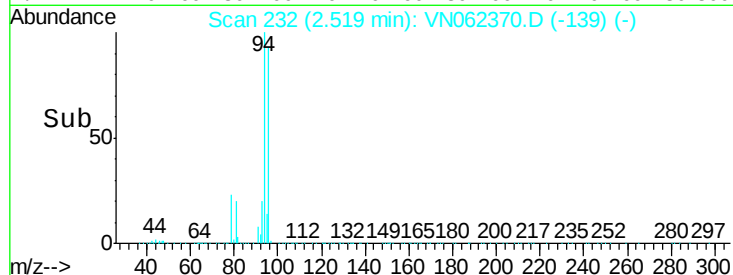
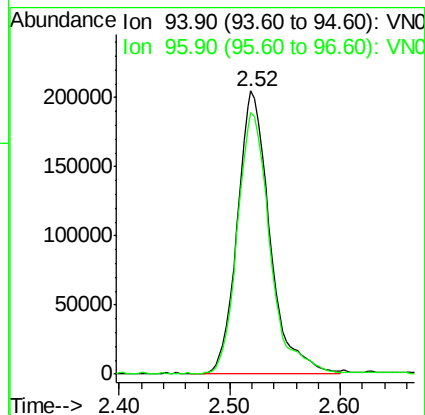
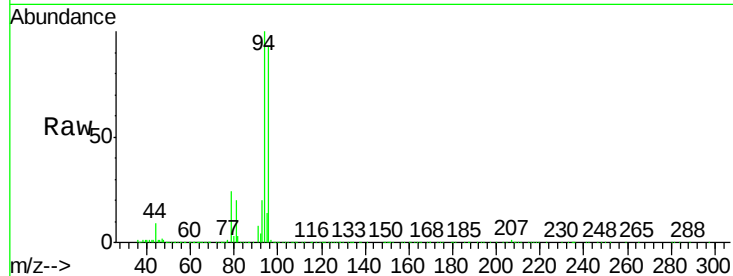
94 100

96 92.5 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 47.824 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062370.D

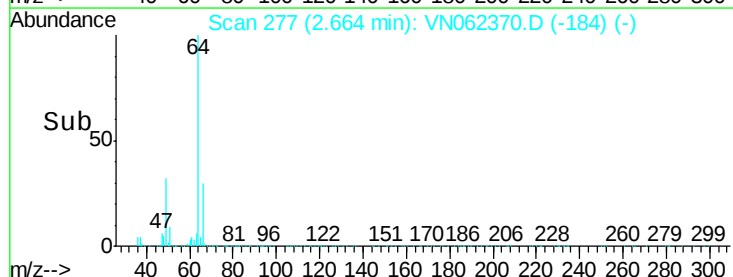
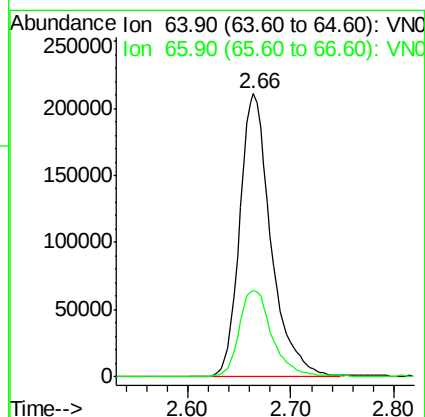
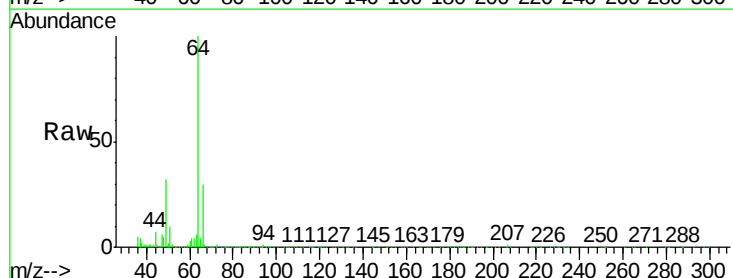
Acq: 6 Jul 2020 17:54

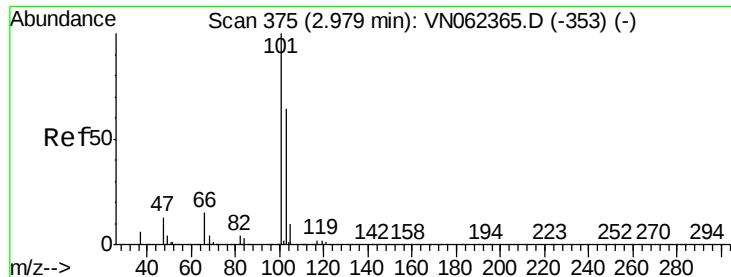
Tgt Ion: 64 Resp: 443373

Ion Ratio Lower Upper

64 100

66 30.2 25.7 38.5





#7

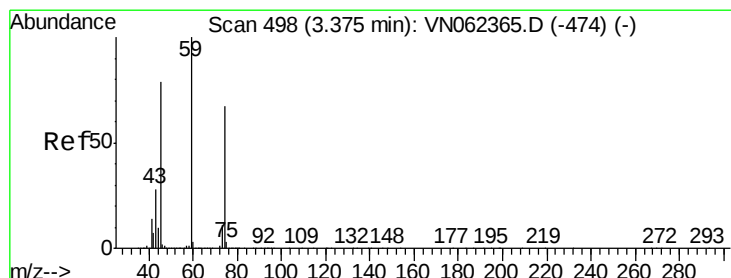
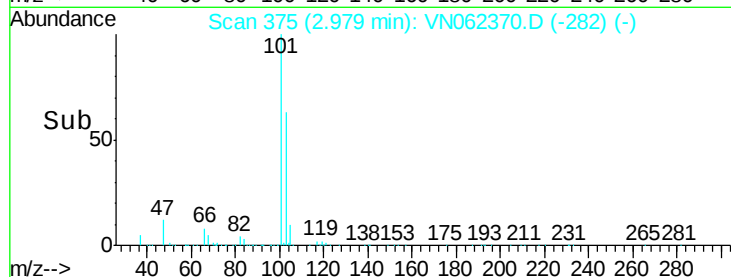
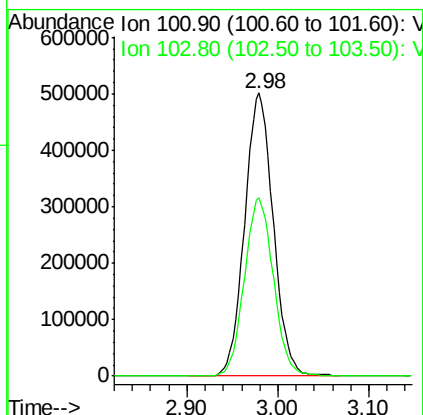
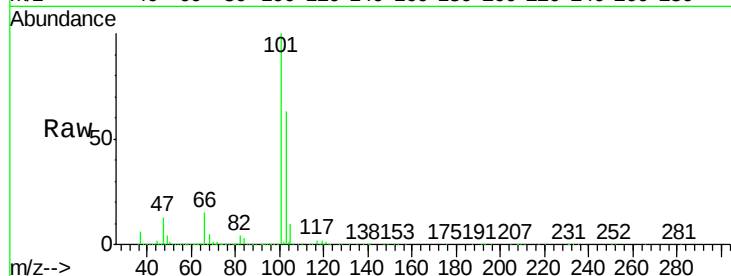
Trichlorofluoromethane
Concen: 49.776 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 1095622
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.6

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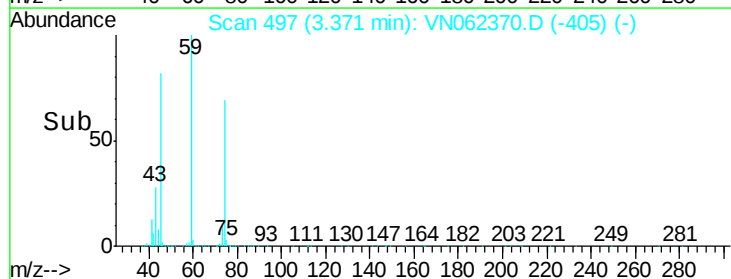
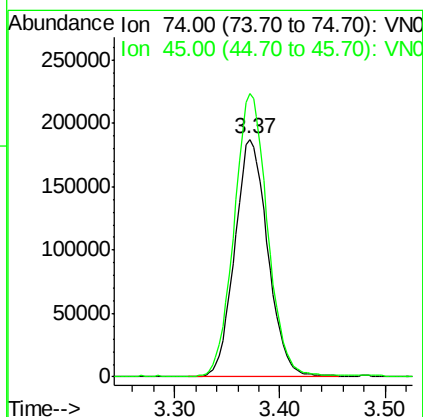
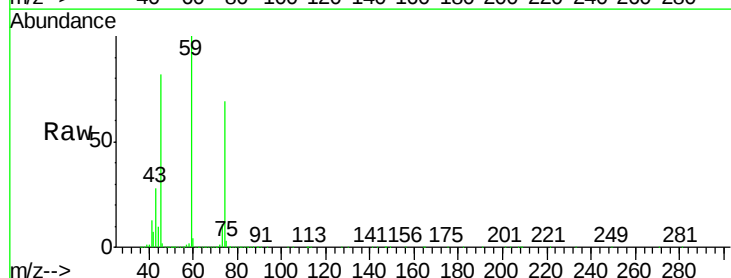
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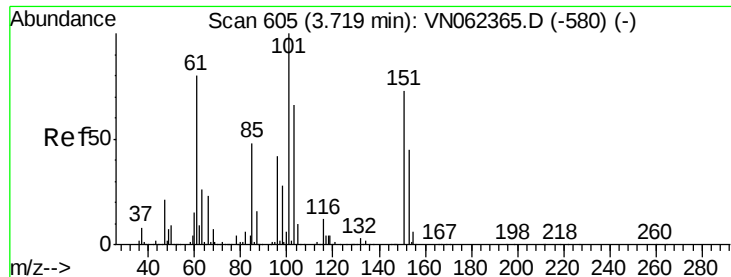


#8

Diethyl Ether
Concen: 47.918 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 74 Resp: 407485
Ion Ratio Lower Upper
74 100
45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.958 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

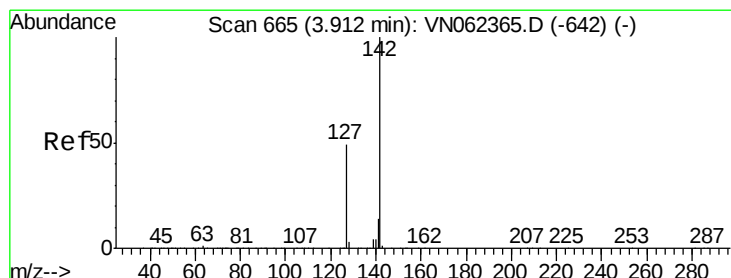
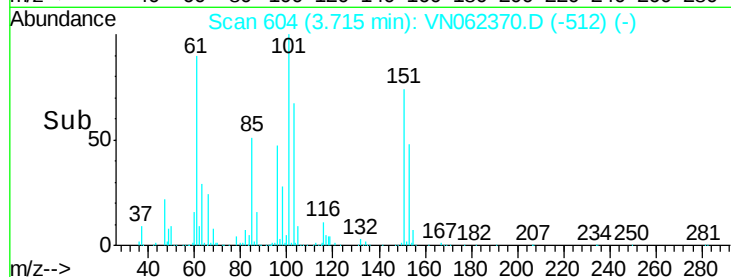
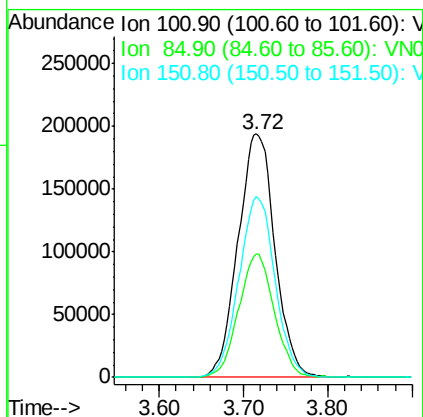
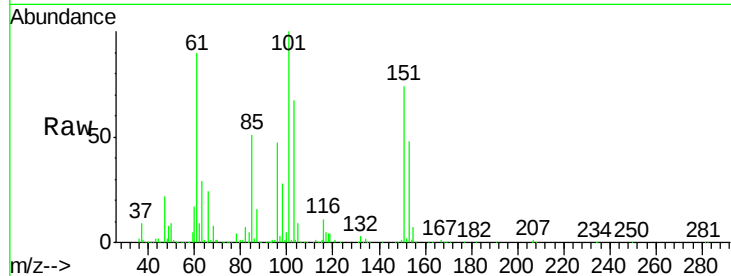
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	589818
Ion Ratio	Lower	Upper	
101	100		
85	48.9	38.6	57.8
151	72.8	58.3	87.5

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#10

Methyl Iodide

Concen: 48.359 ug/l

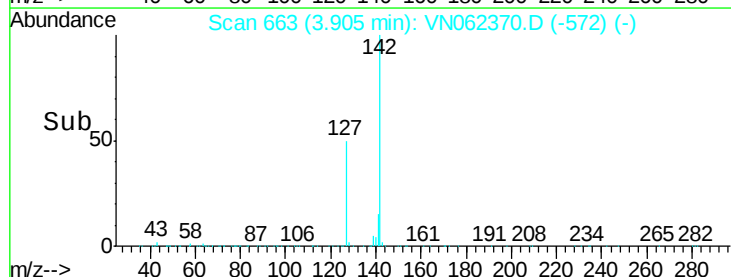
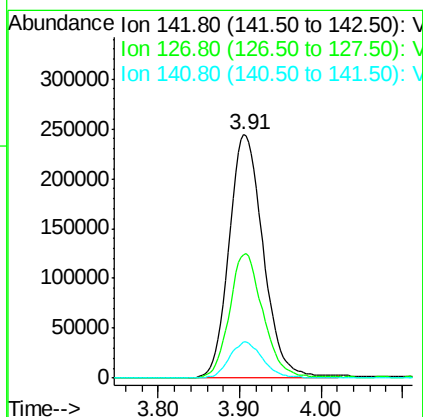
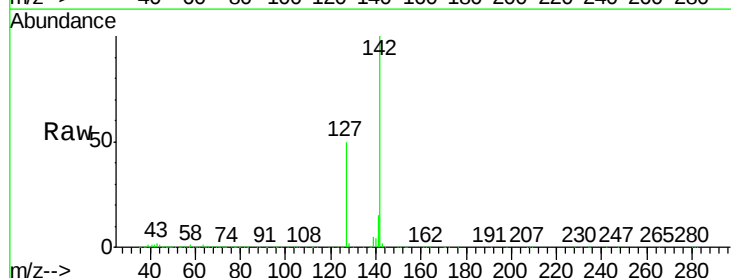
RT: 3.91 min Scan# 663

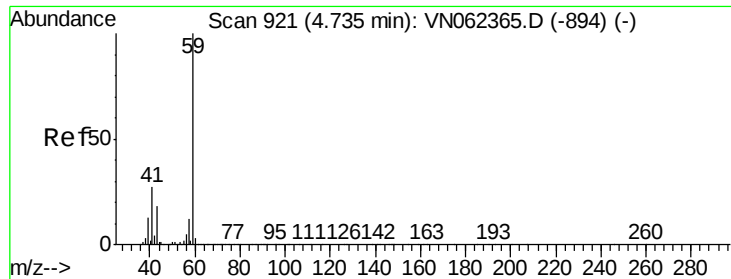
Delta R.T. -0.01 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion:	142	Resp:	714086
Ion Ratio	Lower	Upper	
142	100		
127	50.5	41.0	61.6
141	14.6	11.8	17.8





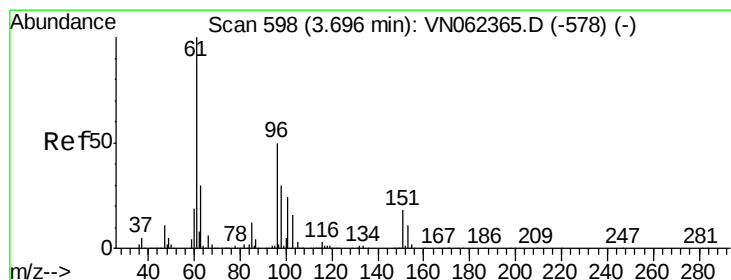
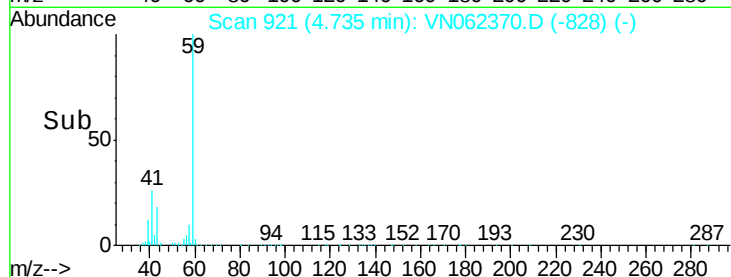
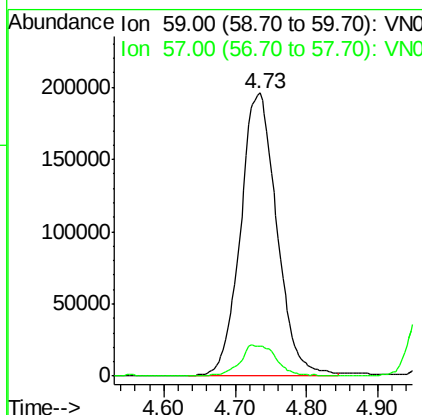
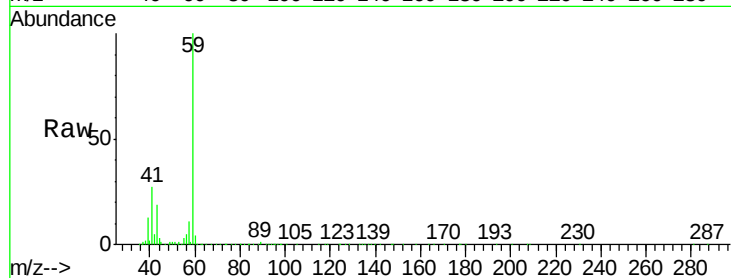
#11
Tert butyl alcohol
Concen: 249.322 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

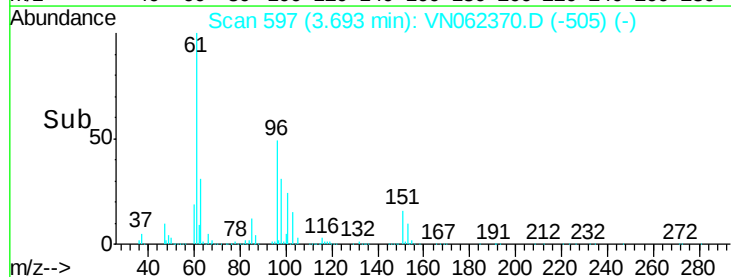
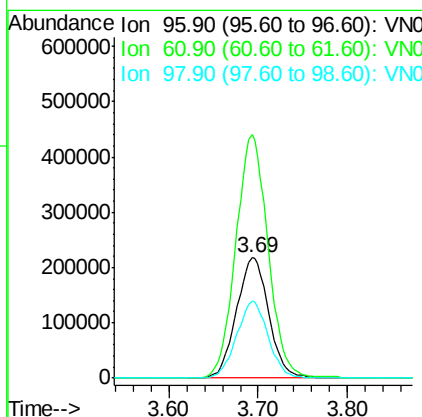
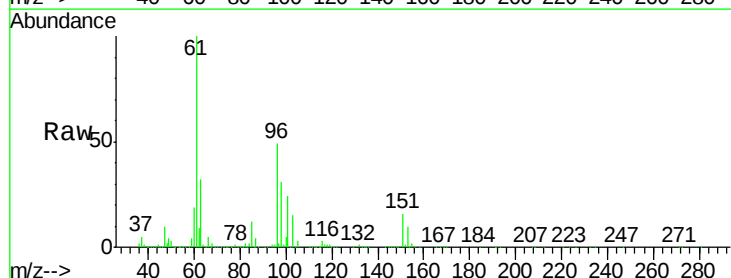
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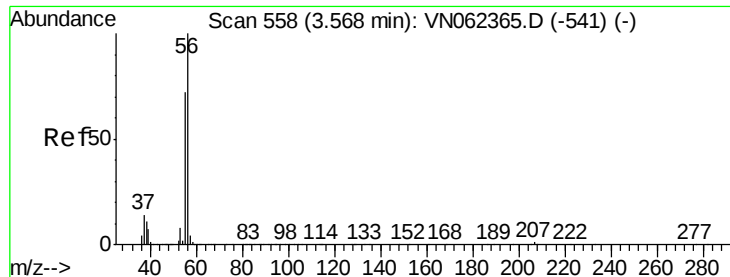
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.906 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	202.2	161.4	242.0
98	63.5	48.8	73.2





#13

Acrolein

Concen: 215.824 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 254831

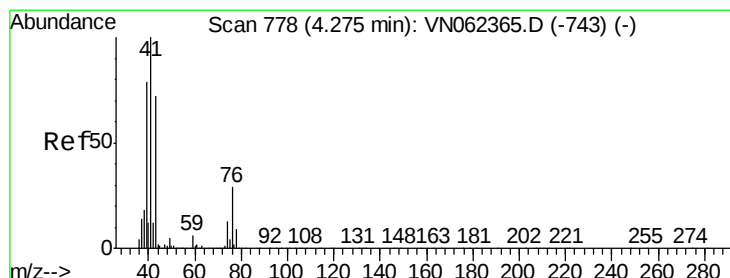
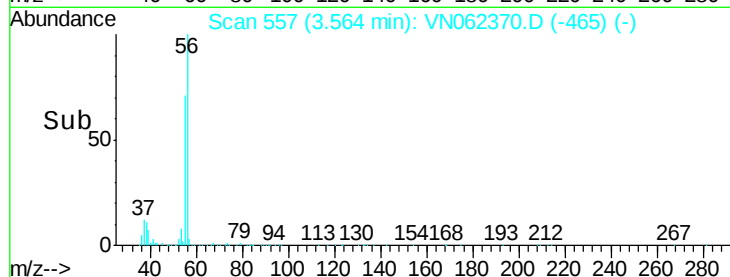
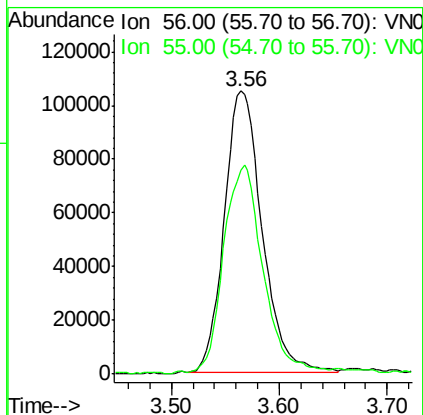
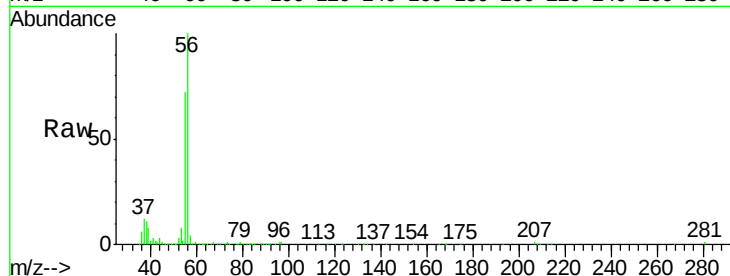
Ion Ratio Lower Upper

56 100

55 75.5 59.6 89.4

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#14

Allyl chloride

Concen: 50.104 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

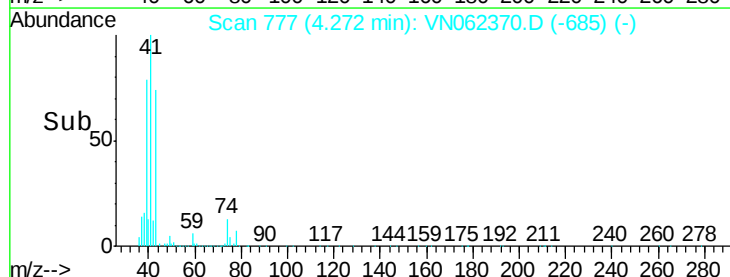
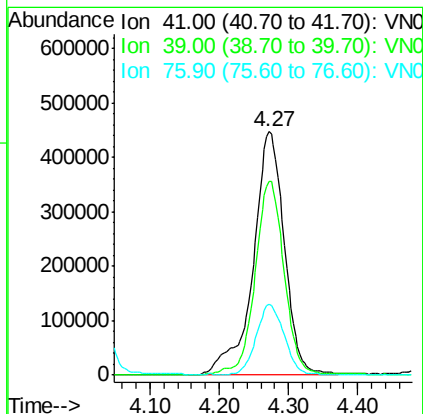
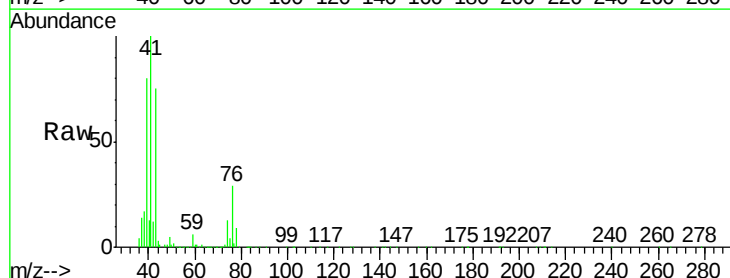
Tgt Ion: 41 Resp: 1394028

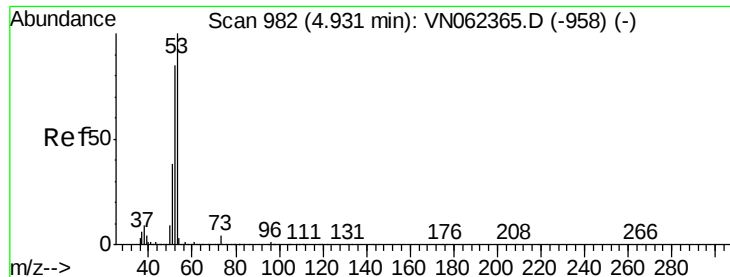
Ion Ratio Lower Upper

41 100

39 73.7 59.8 89.6

76 25.9 20.7 31.1





#15

Acrylonitrile

Concen: 252.866 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 53 Resp: 1847518

Ion Ratio Lower Upper

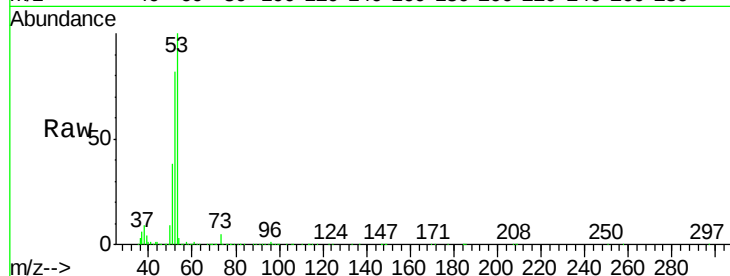
53 100

52 83.2 67.6 101.4

51 38.4 30.6 45.8

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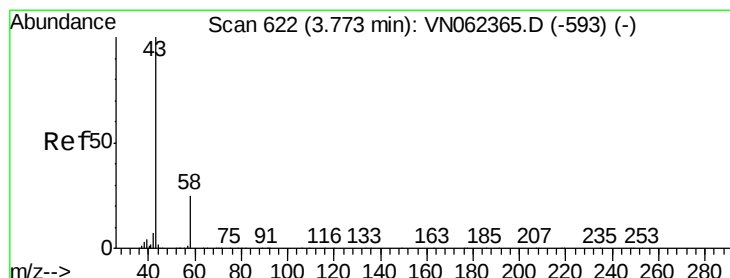
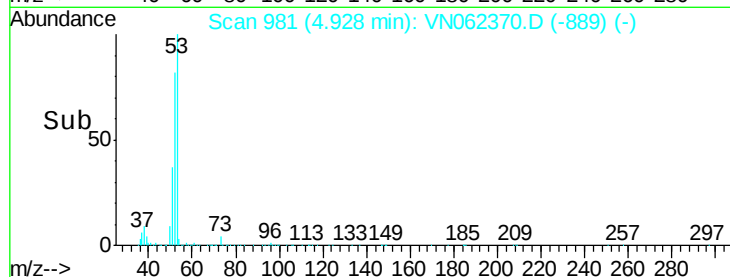
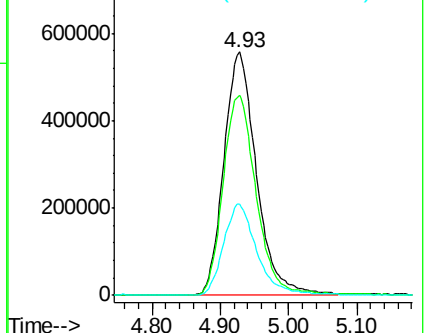
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Abundance Ion 53.00 (52.70 to 53.70): VN062365.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN062365.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN062365.D (-958) (-)



#16

Acetone

Concen: 201.891 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062370.D

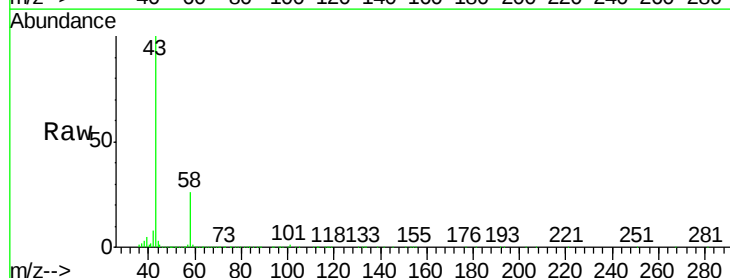
Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 1870280

Ion Ratio Lower Upper

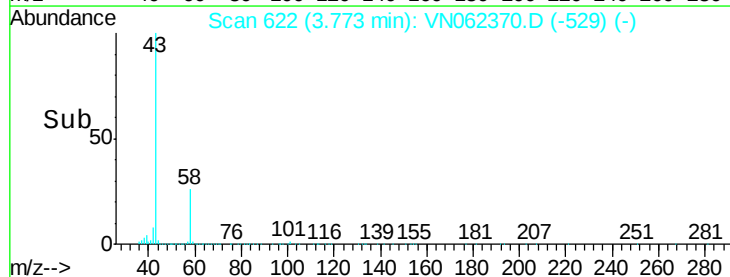
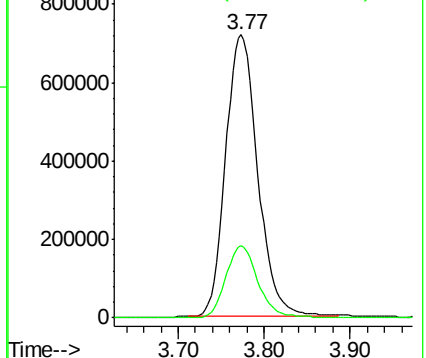
43 100

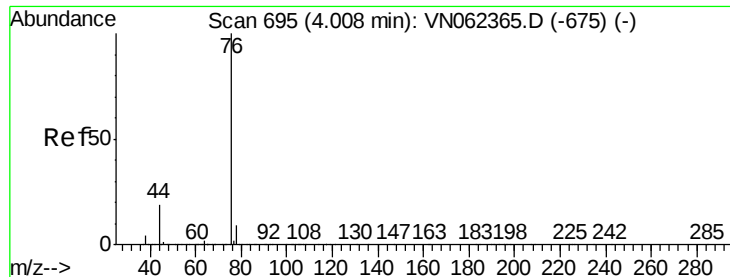
58 25.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN062365.D (-593) (-)





#17

Carbon Disulfide

Concen: 46.172 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tot Ion: 76 Resp: 1669071

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3

Instrument :

MSVOA_N

ClientSampleId :

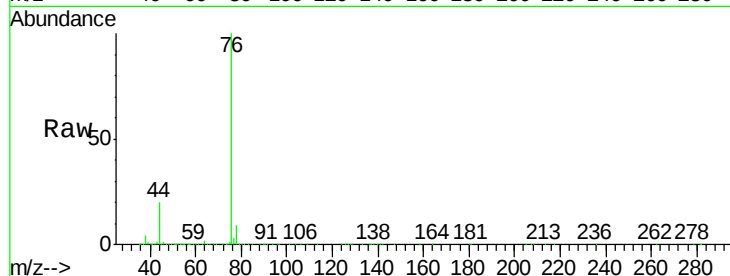
VSTDCCC050

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

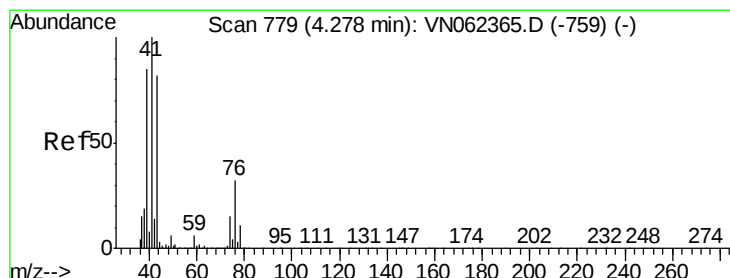
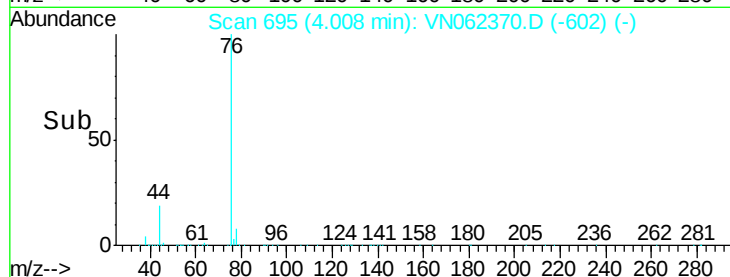
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 51.707 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062370.D

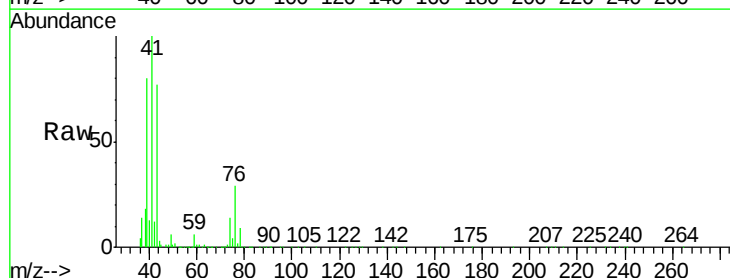
Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 954532

Ion Ratio Lower Upper

43 100

74 18.5 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.27

400000

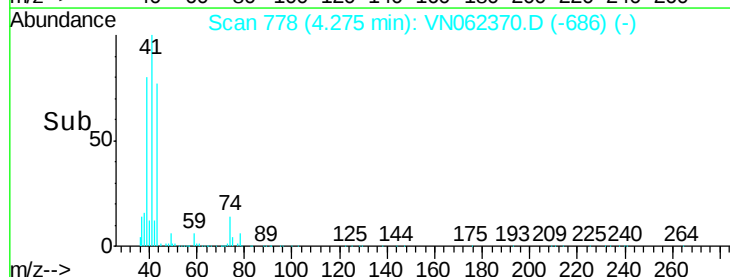
300000

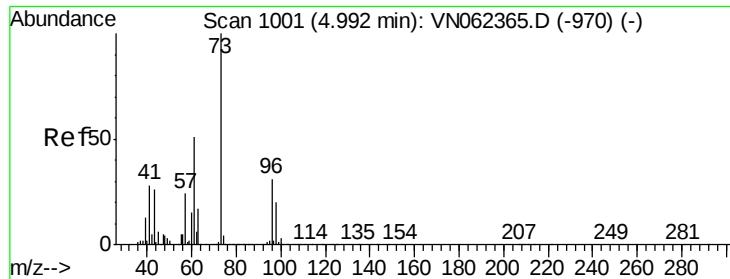
200000

100000

0

Time-->





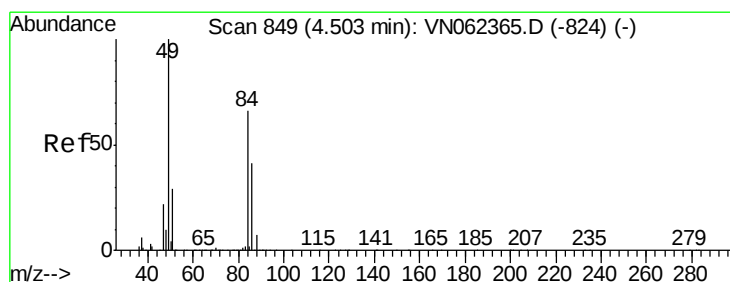
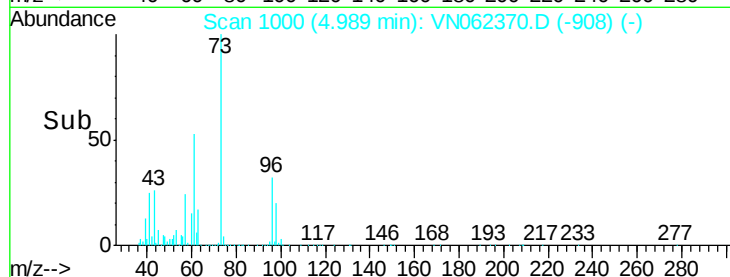
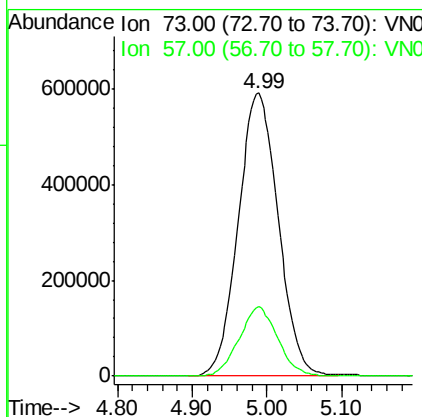
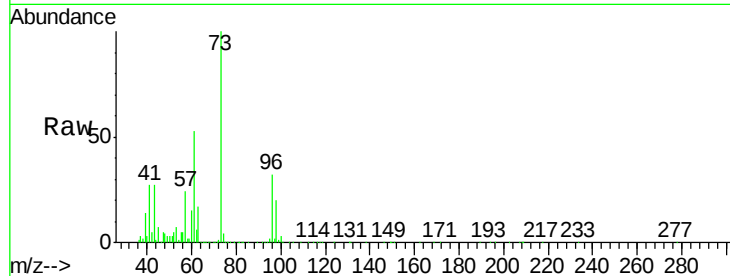
#19
Methvl tert-butvl Ether
Concen: 50.125 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 2190132
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3

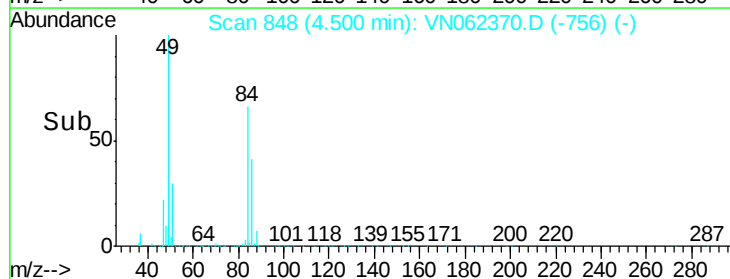
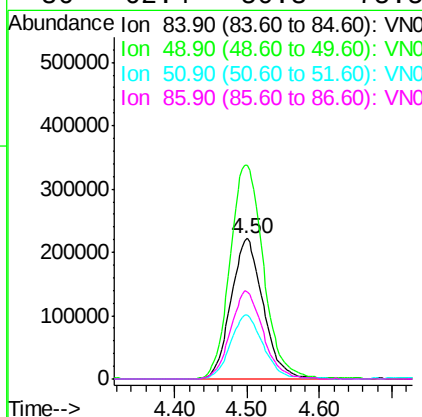
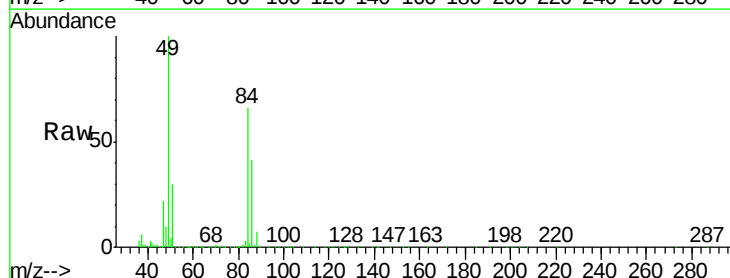
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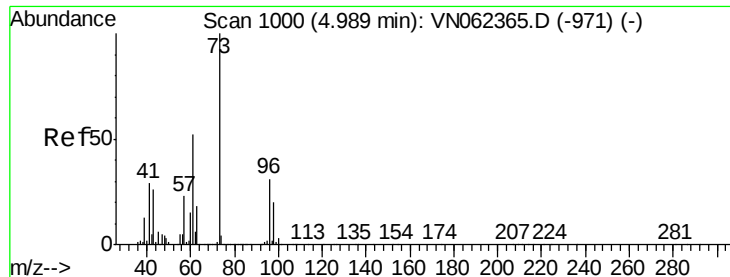
MMDadoda
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#20
Methylene Chloride
Concen: 50.647 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 84 Resp: 686418
Ion Ratio Lower Upper
84 100
49 152.1 121.8 182.6
51 44.9 35.0 52.4
86 62.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 47.957 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

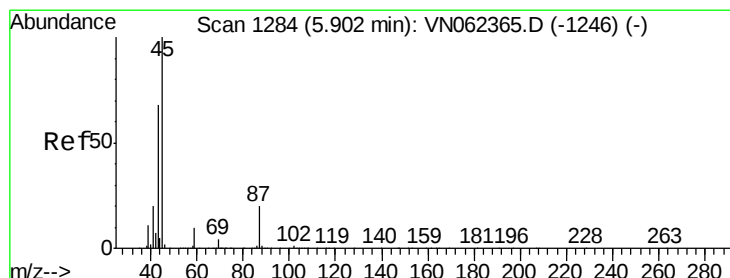
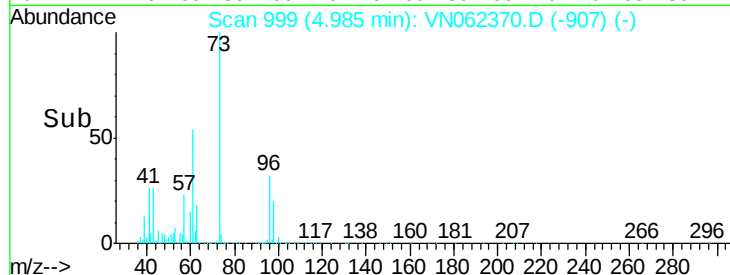
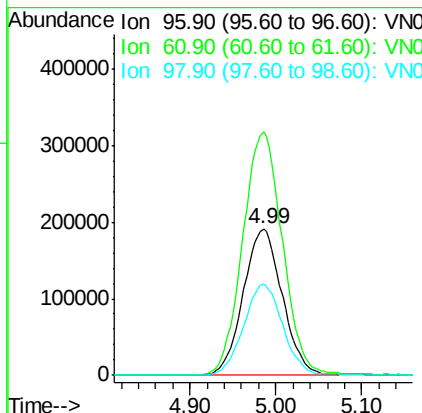
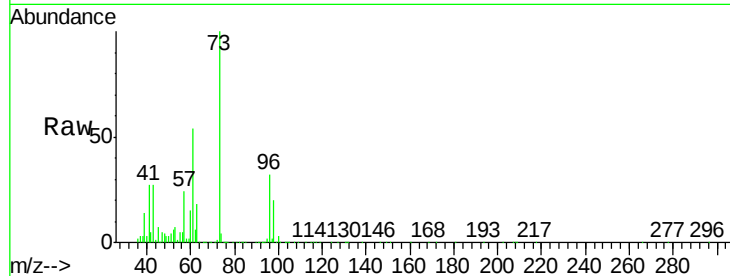
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	604657
Ion	Ratio	Lower	Upper
96	100		
61	166.0	134.7	202.1
98	61.9	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.275 ug/l

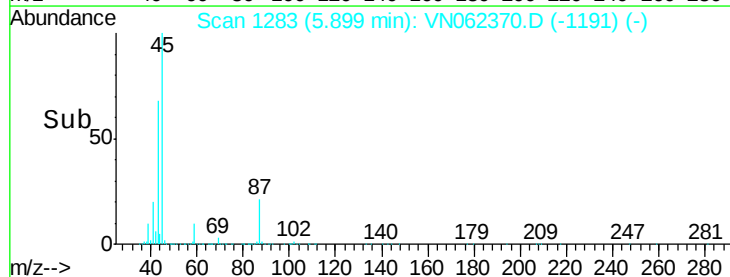
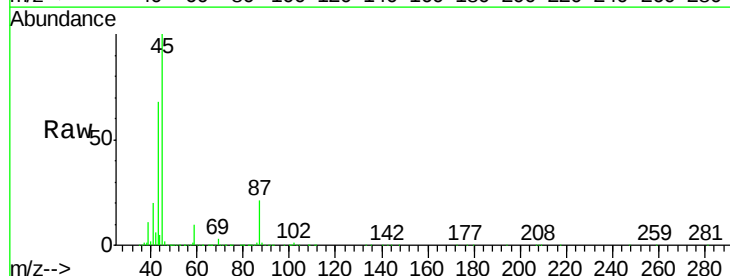
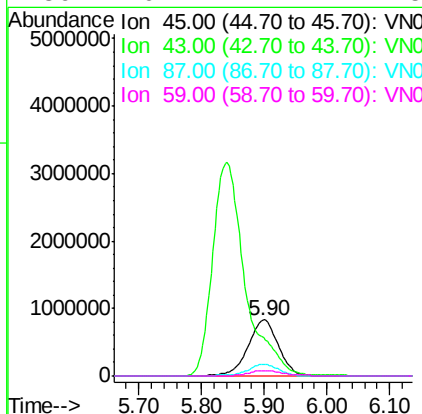
RT: 5.90 min Scan# 1283

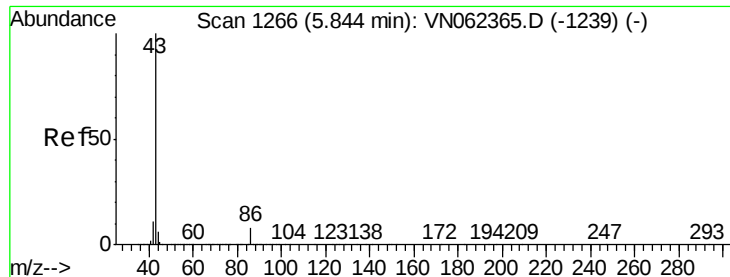
Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion:	45	Resp:	2797753
Ion	Ratio	Lower	Upper
45	100		
43	67.0	54.6	81.8
87	20.9	16.6	24.8
59	10.1	7.7	11.5





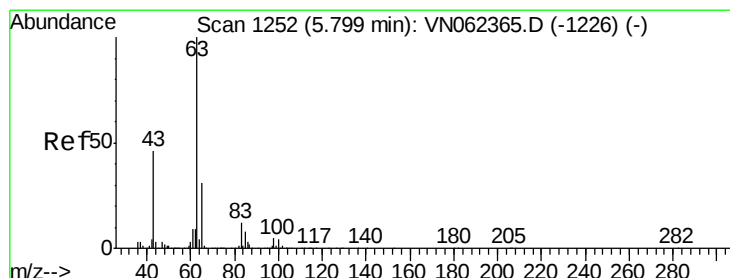
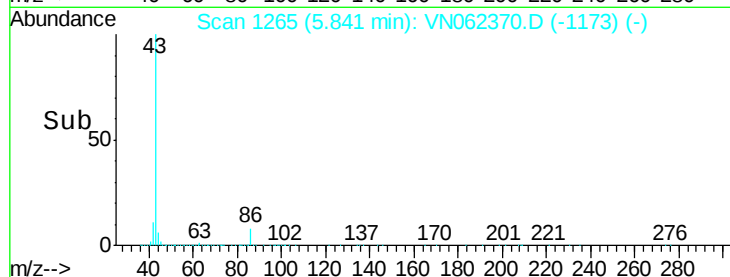
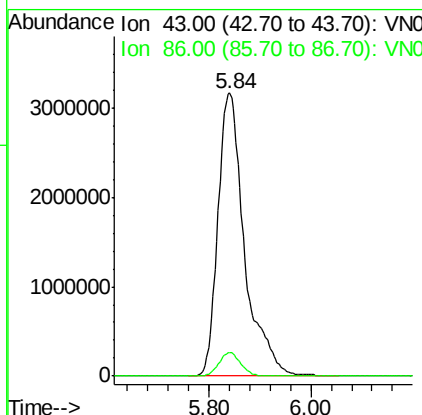
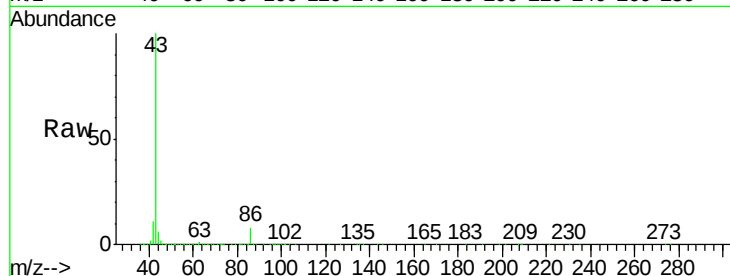
#23
 Vinyl Acetate
 Concen: 257.008 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 11461732
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.6 9.8

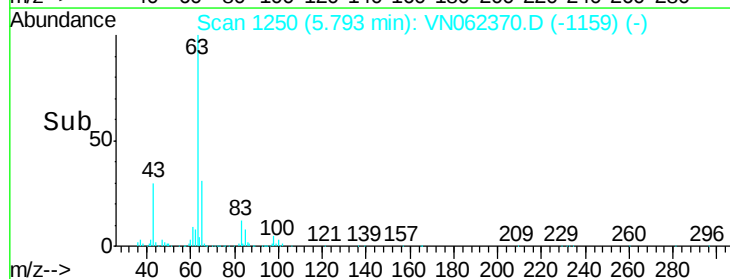
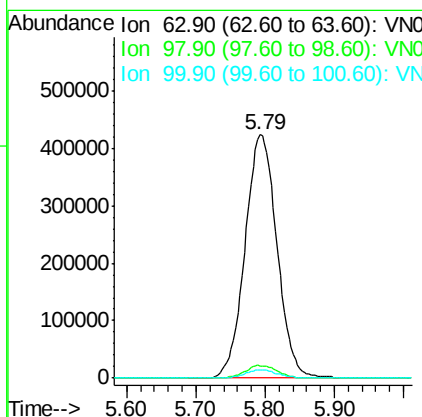
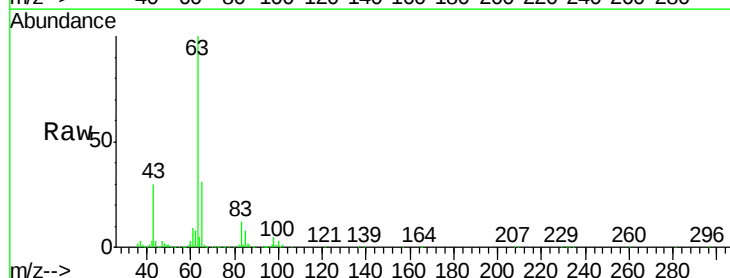
Manual Integrations
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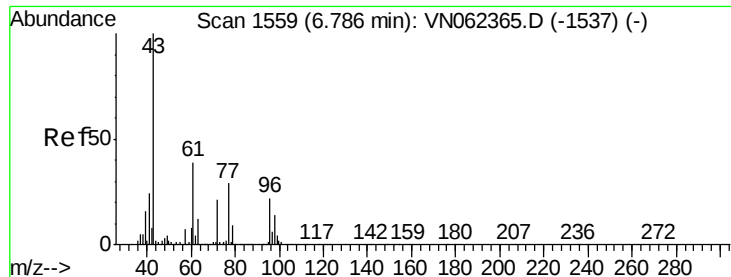
MMDadoda
 7/7/2020 10:08:12 AM



#24
 1,1-Dichloroethane
 Concen: 49.062 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 63 Resp: 1352993
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.6 7.8
 100 3.3 1.8 5.3





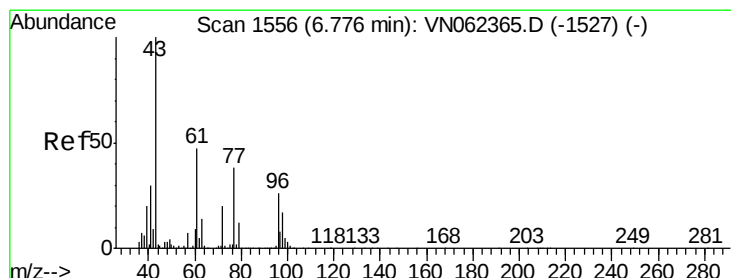
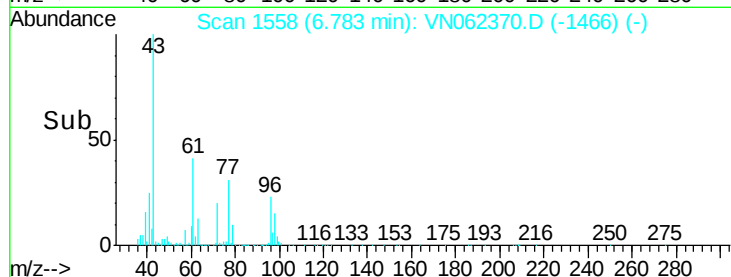
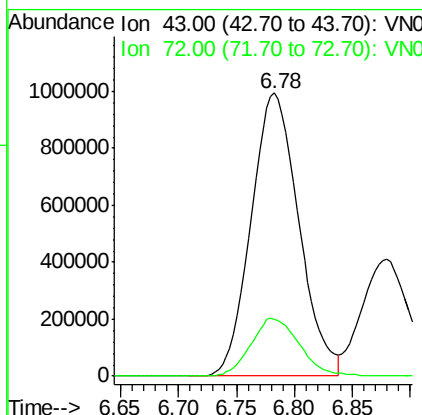
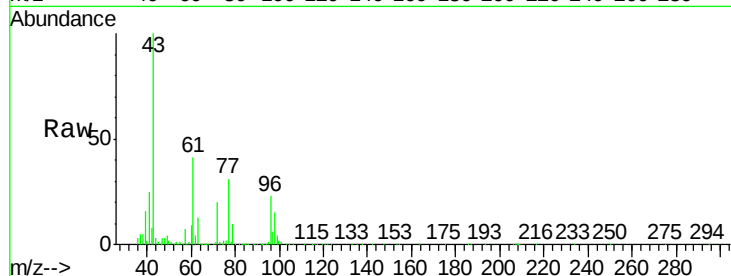
#25
2-Butanone
Concen: 243.726 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2843335
Ion Ratio Lower Upper
43 100
72 20.3 16.4 24.6

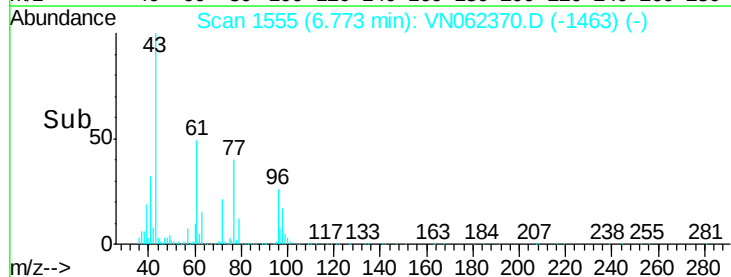
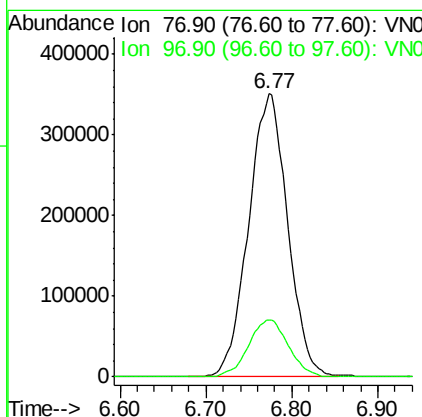
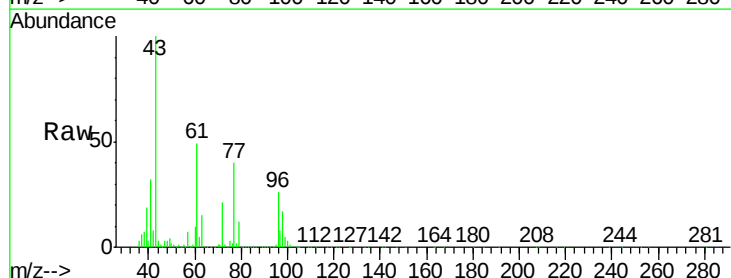
Manual Integrations
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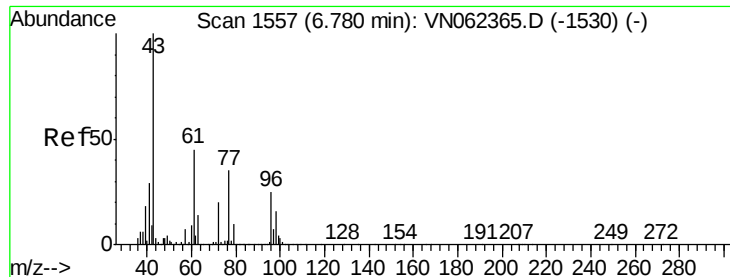
MMDadoda
7/7/2020 10:08:12 AM



#26
2,2-Dichloropropane
Concen: 48.819 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 77 Resp: 1108928
Ion Ratio Lower Upper
77 100
97 20.4 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 48.416 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062370.D

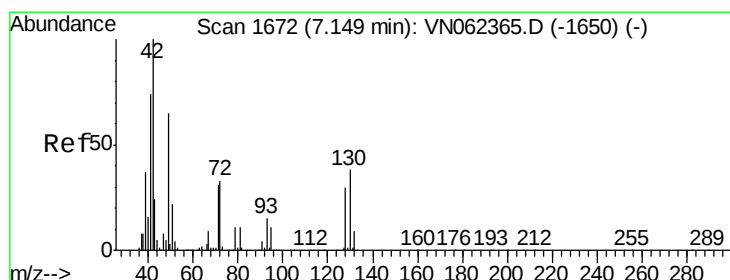
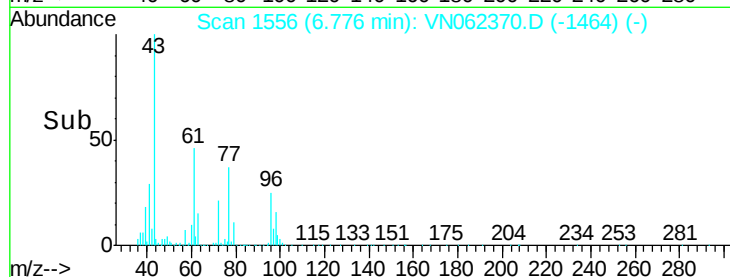
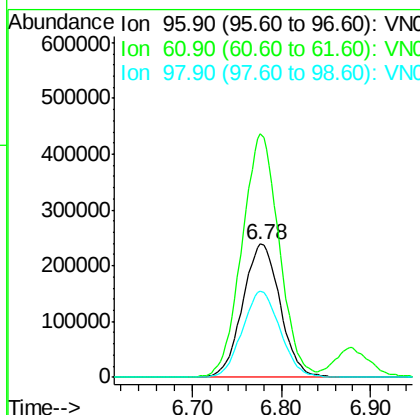
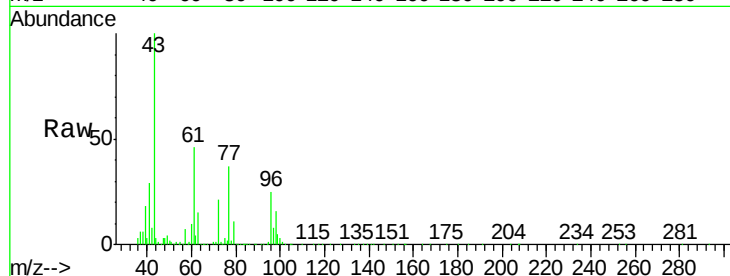
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	699251		
61	181.4	0.0	358.8	
98	65.3	0.0	130.6	

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#28

Bromochloromethane

Concen: 50.945 ug/l

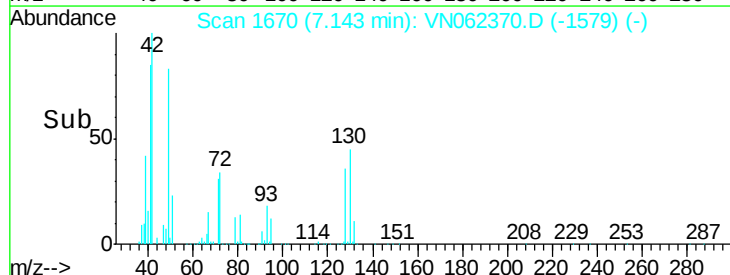
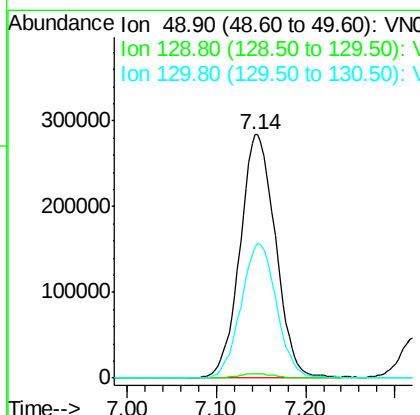
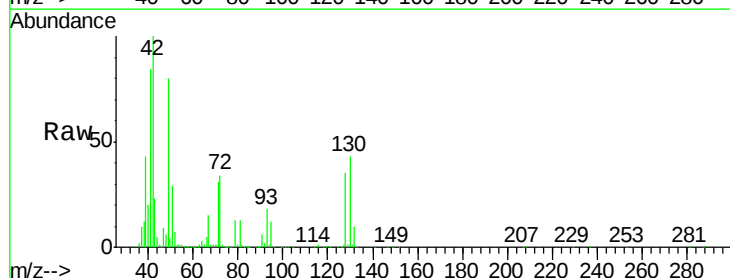
RT: 7.14 min Scan# 1670

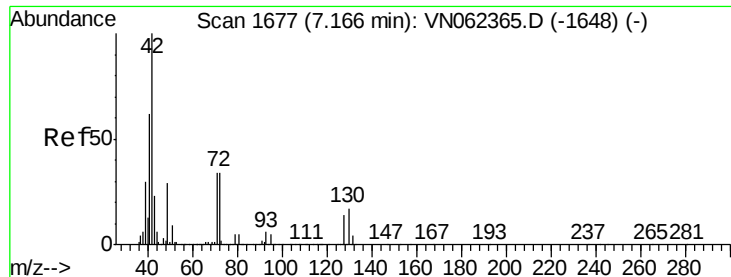
Delta R.T. -0.01 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	785082		
129	1.9	0.0	3.6	
130	55.2	45.8	68.8	





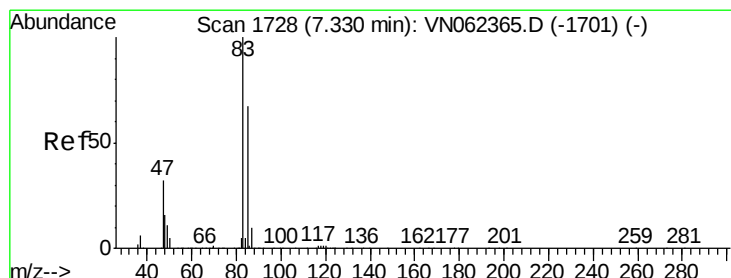
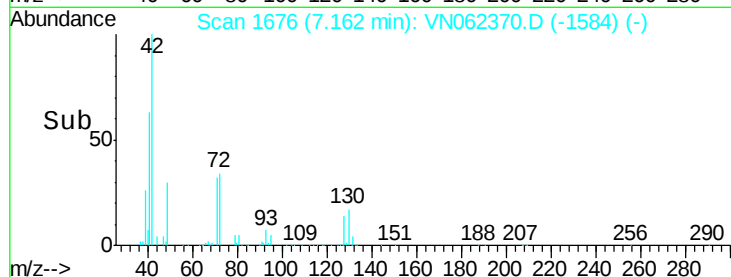
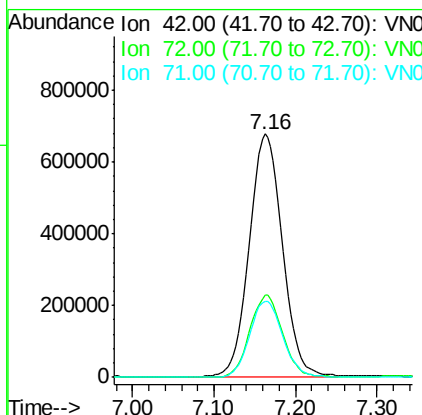
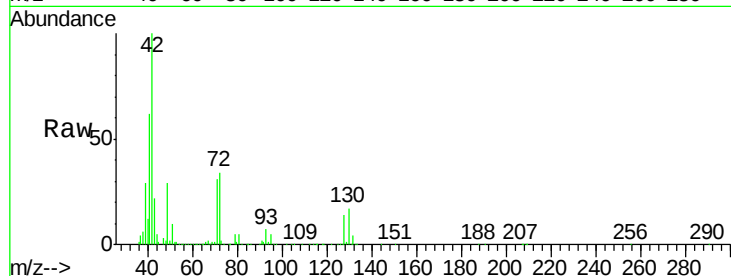
#29
Tetrahydrofuran
Concen: 256.479 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.2	26.8	40.2
71	31.4	26.0	39.0

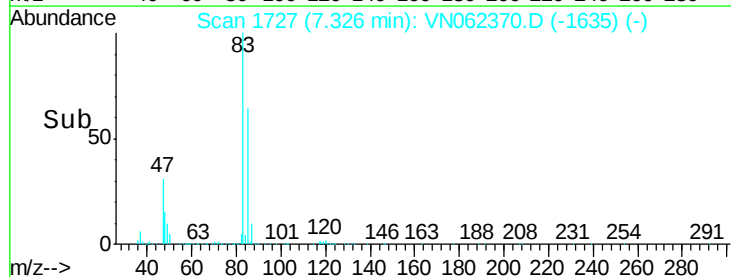
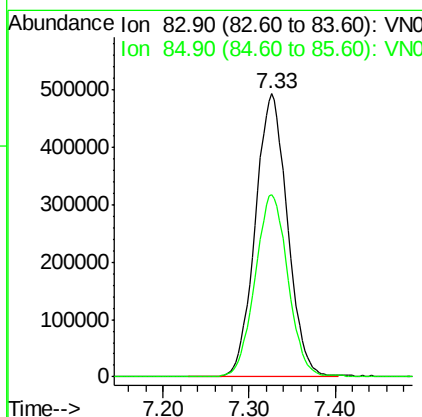
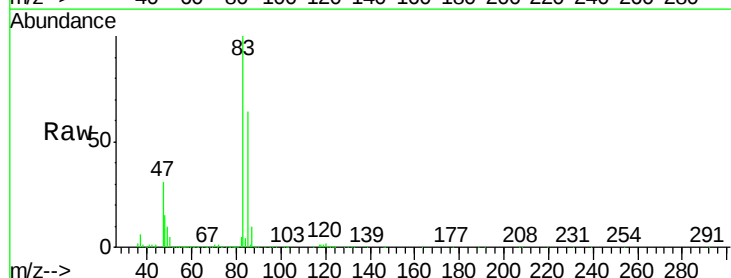
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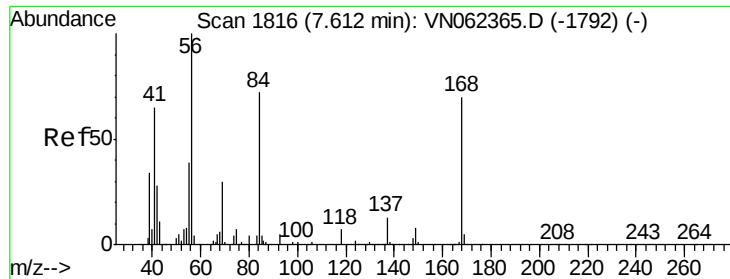
MMDadoda
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#30
Chloroform
Concen: 47.876 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.6	80.4





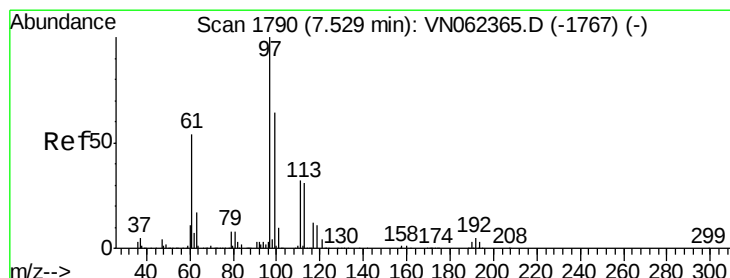
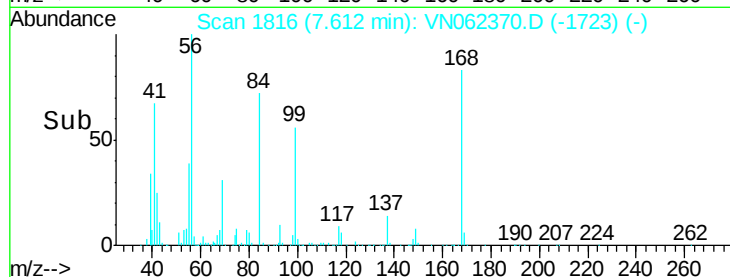
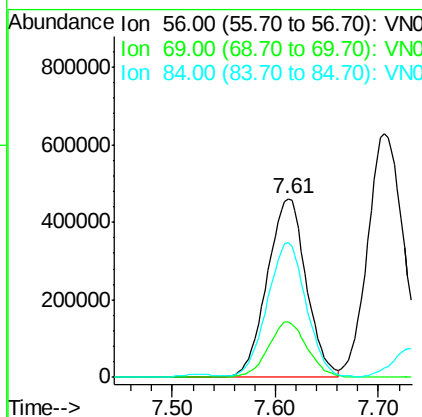
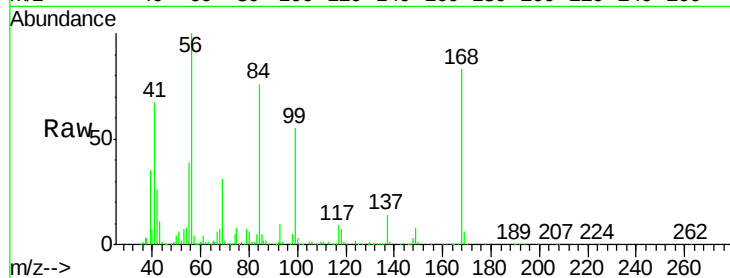
#31
Cyclohexane
Concen: 47.663 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 1214463
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 74.2 57.2 85.8

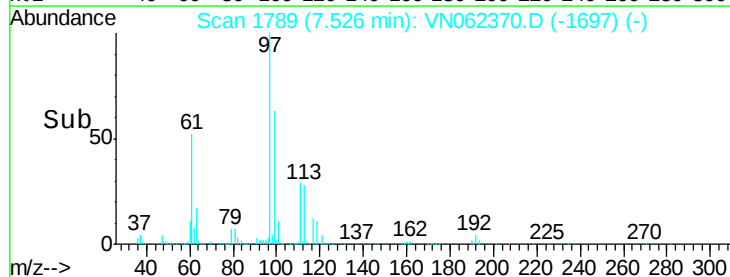
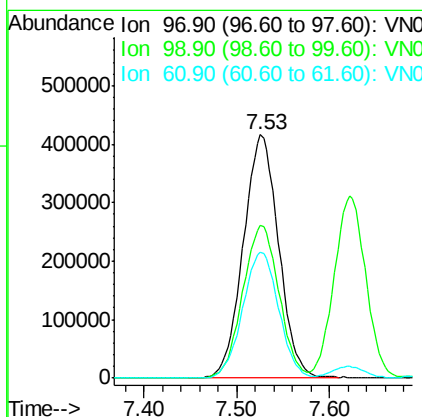
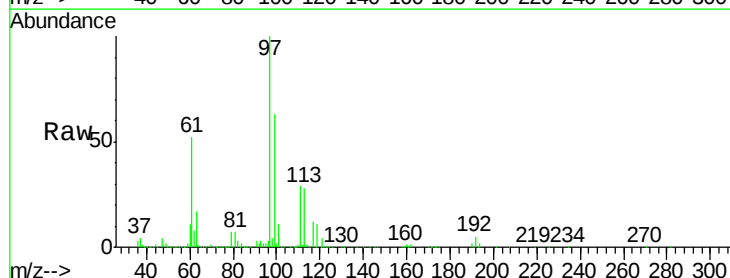
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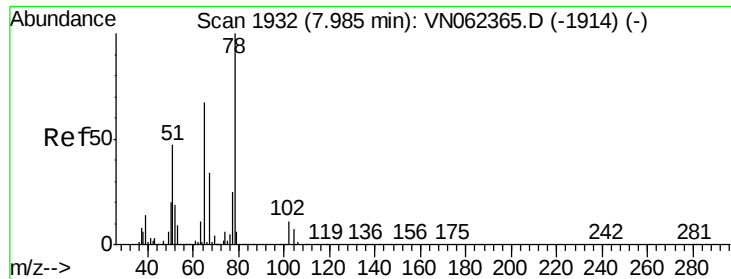
MMDadoda
7/7/2020 10:08:12 AM



#32
1,1,1-Trichloroethane
Concen: 48.809 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 97 Resp: 1100695
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 52.8 42.5 63.7





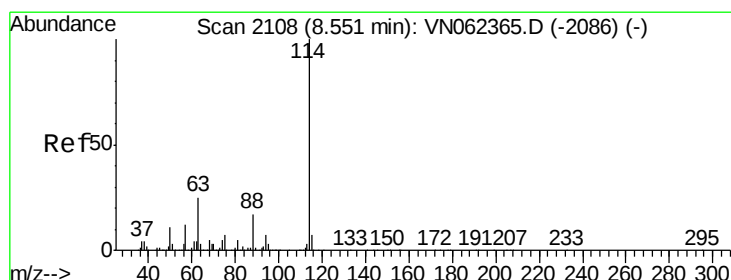
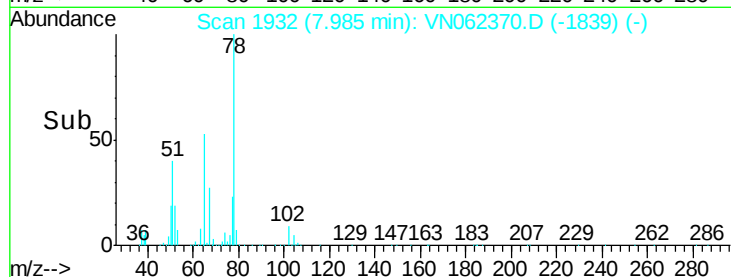
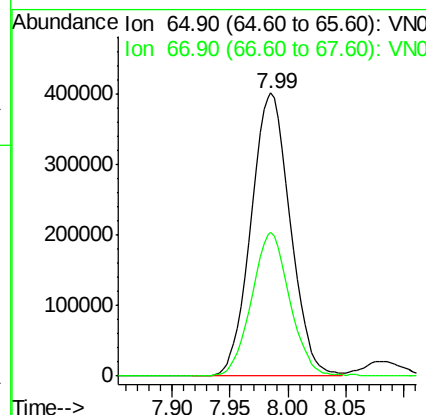
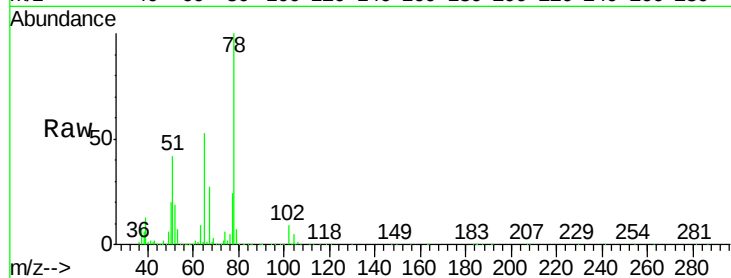
#33
 1,2-Dichloroethane-d4
 Concen: 47.094 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	101.0

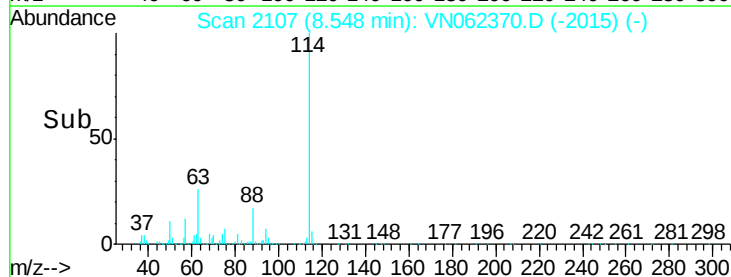
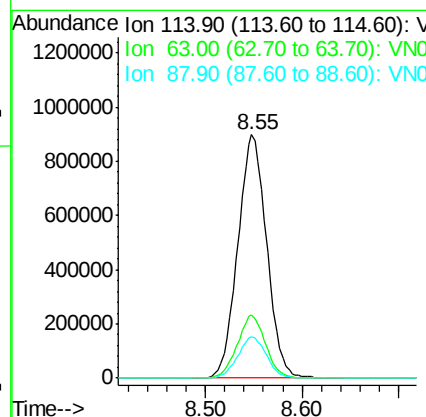
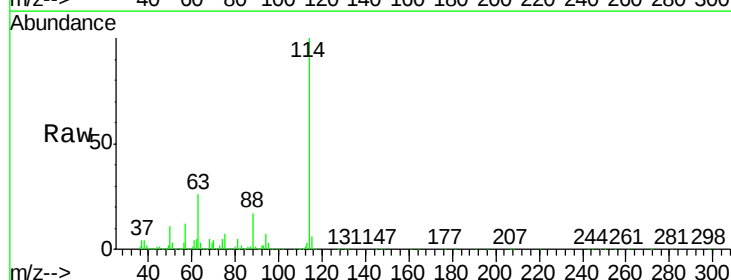
Manual Integrations
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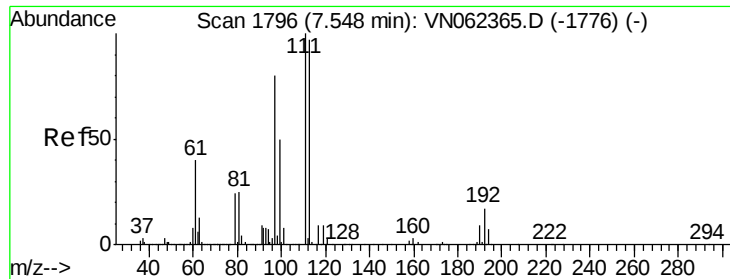
MMDadoda
 7/7/2020 10:08:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	49.0
88	16.9	0.0	34.0





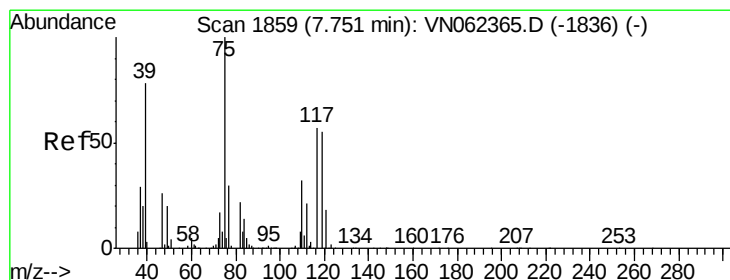
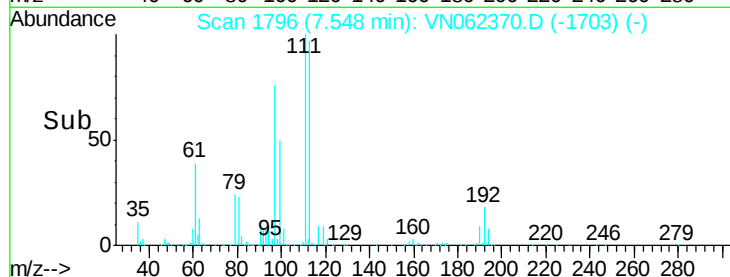
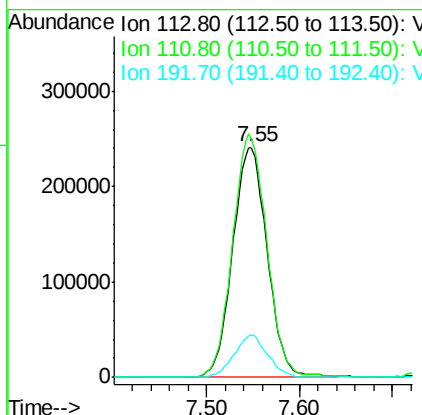
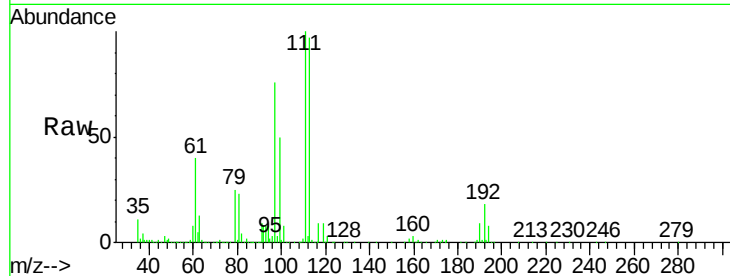
#35
 Dibromofluoromethane
 Concen: 49.081 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	17.7	14.2	21.2

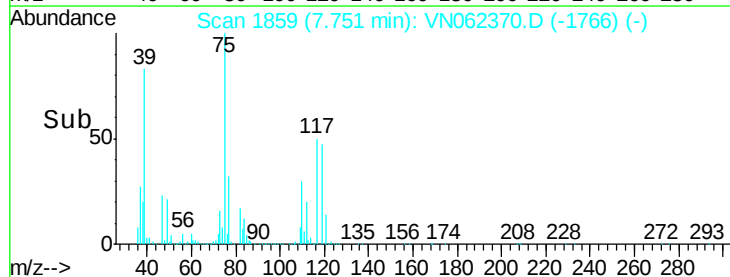
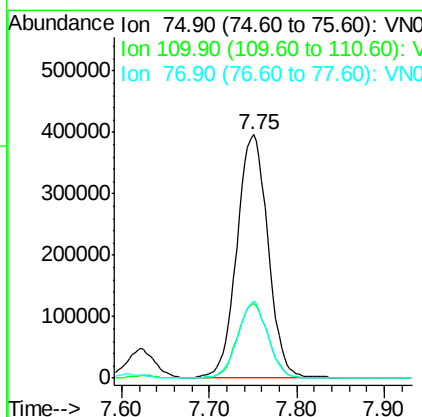
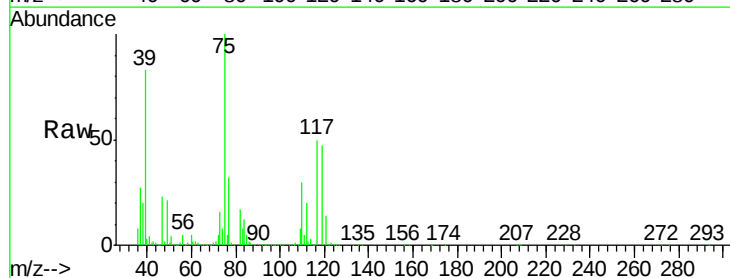
Manual Integrations
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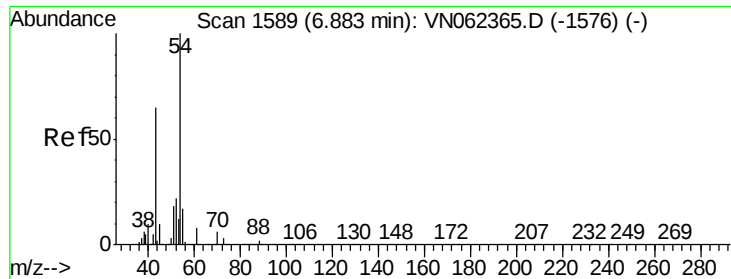
MMDadoda
 7/7/2020 10:08:12 AM



#36
 1,1-Dichloropropene
 Concen: 49.812 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.7	47.1
77	30.5	24.3	36.5





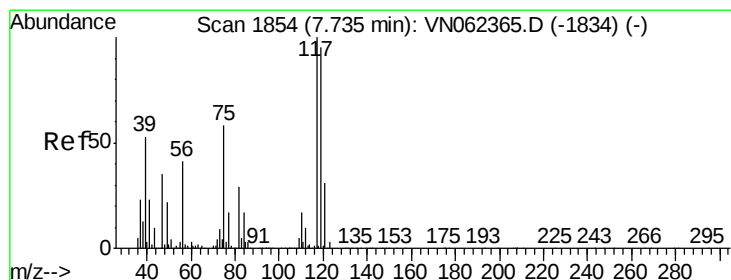
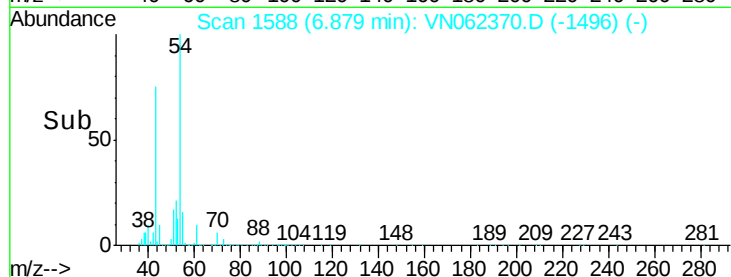
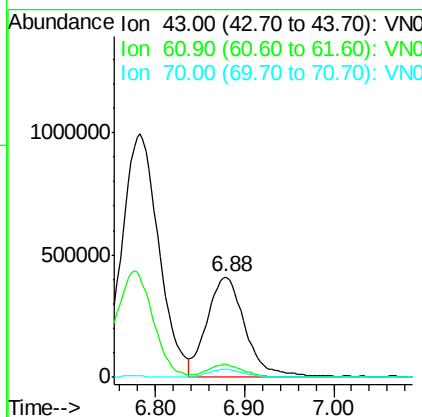
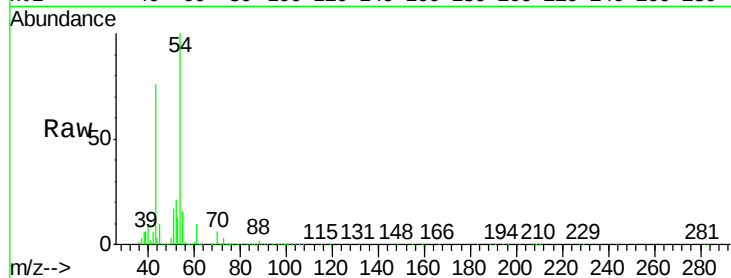
#37
Ethyl Acetate
Concen: 51.738 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	8.8	13.2
70	7.2	6.2	9.4

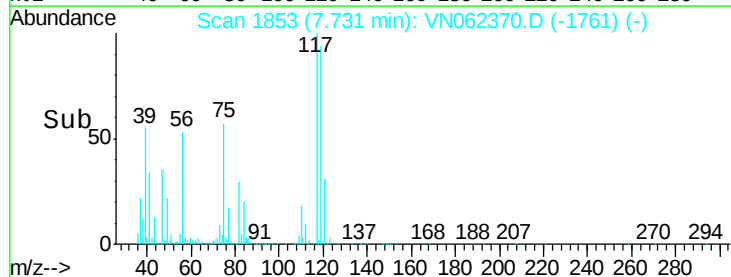
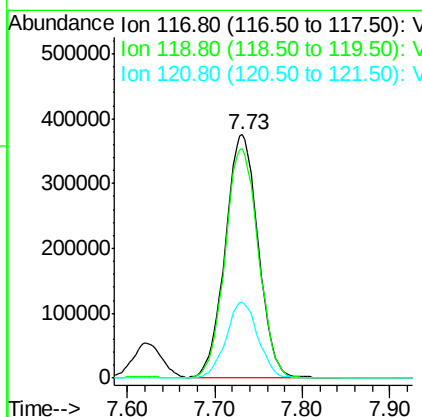
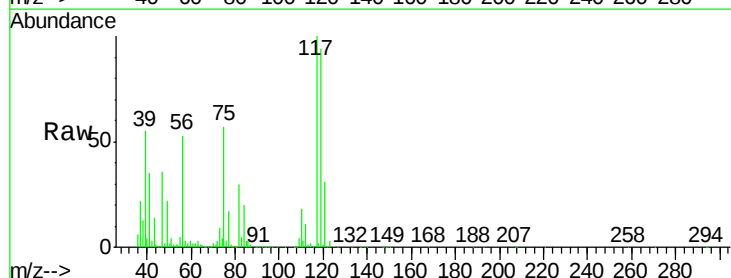
Manual Integrations
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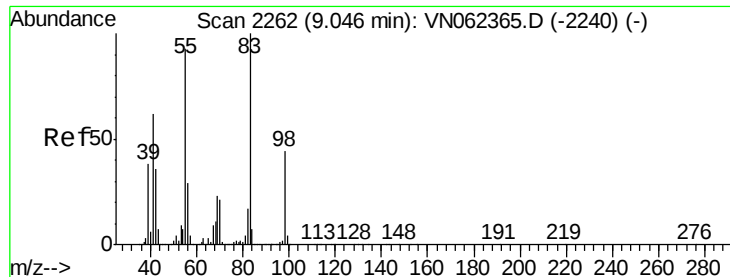
MMDadoda
7/7/2020 10:08:12 AM



#38
Carbon Tetrachloride
Concen: 49.749 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.9	113.9
121	30.9	24.6	36.8





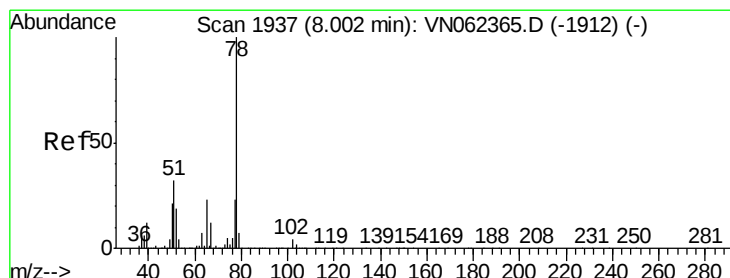
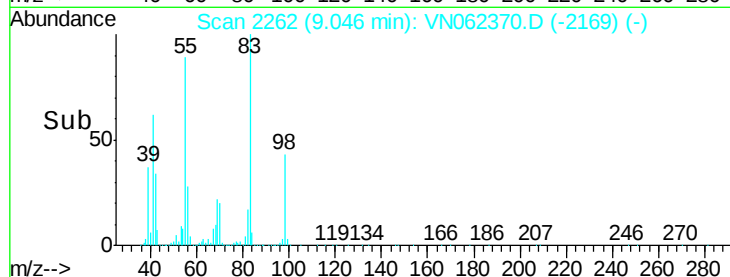
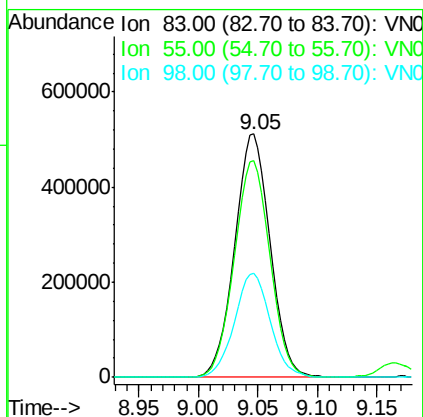
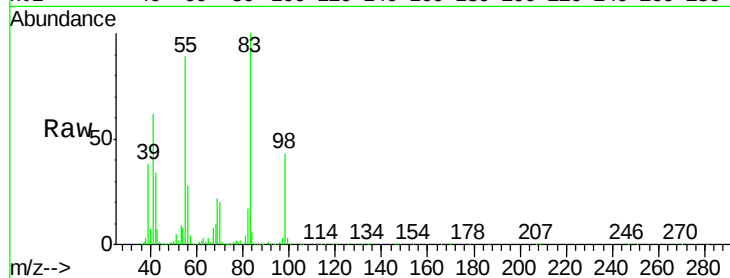
#39
Methvlcvclohexane
Concen: 50.081 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	74.1	111.1
98	42.5	35.6	53.4

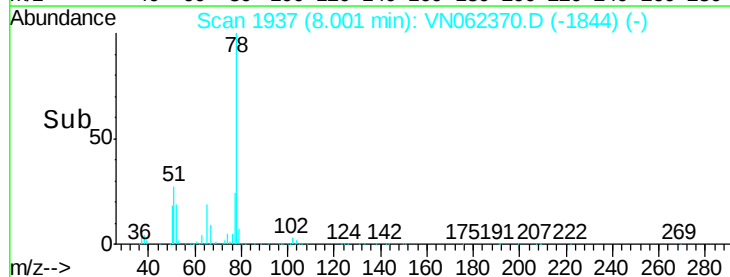
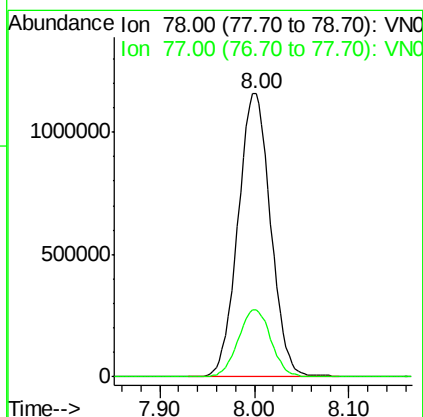
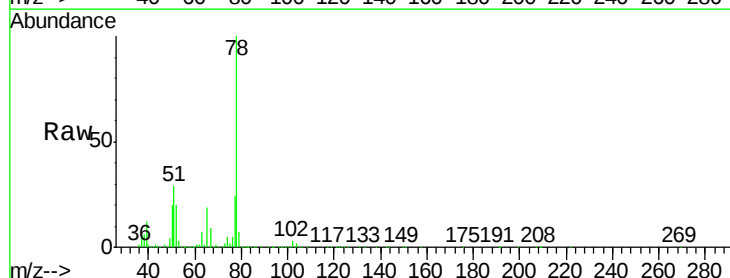
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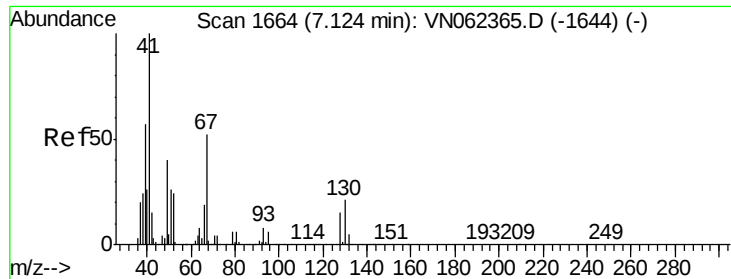
MMDadoda
7/7/2020 10:08:12 AM



#40
Benzene
Concen: 49.932 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





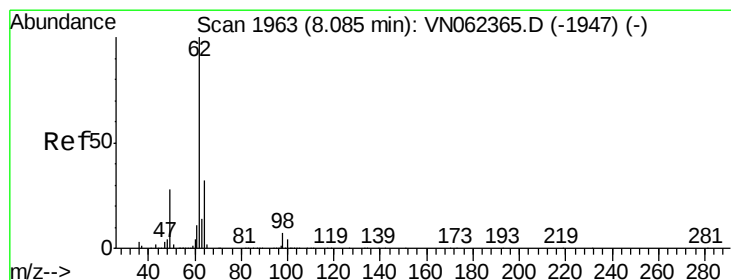
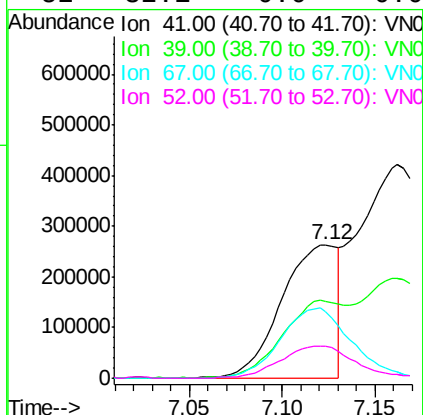
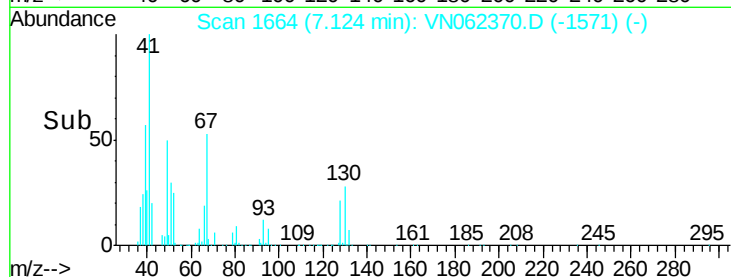
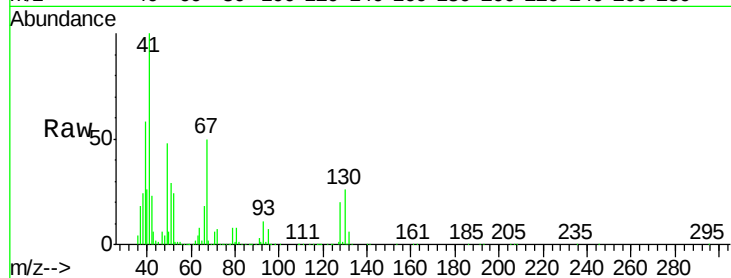
#41
Methacrylonitrile
Concen: 46.791 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.6	0.0	0.0#
67	67.7	0.0	0.0#
52	32.1	0.0	0.0#

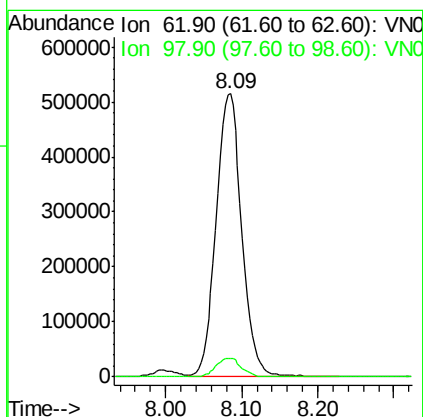
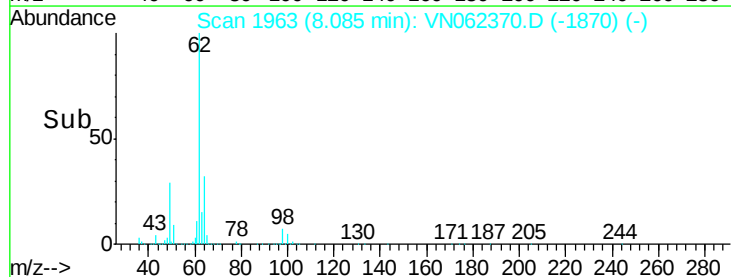
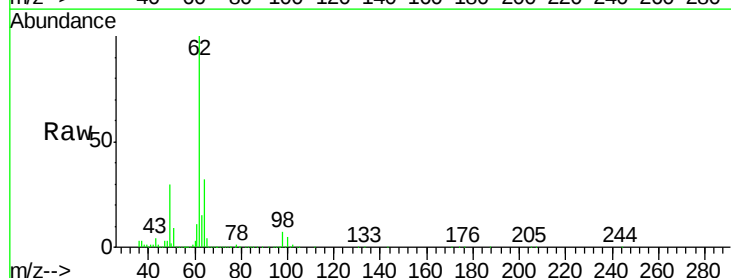
Manual Integrations
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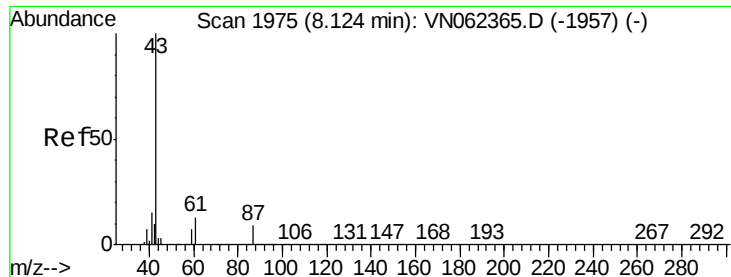
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.182 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	13.4





#43

Isopropyl Acetate

Concen: 51.258 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1986659

Ion Ratio Lower Upper

43 100

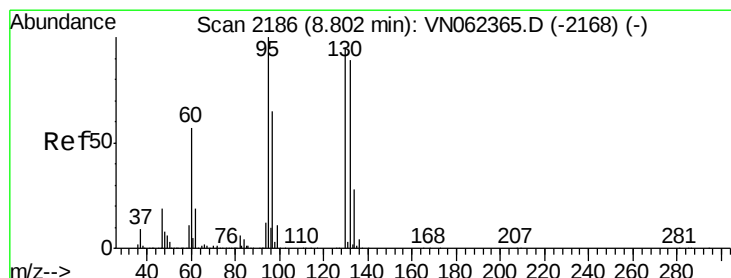
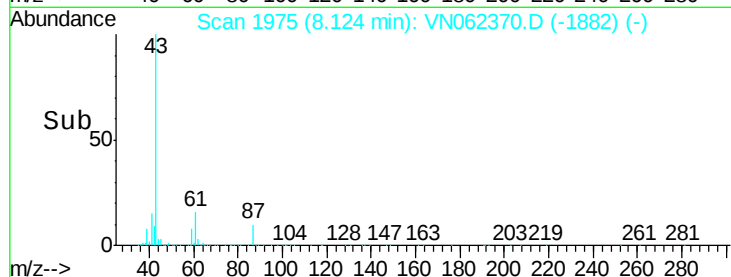
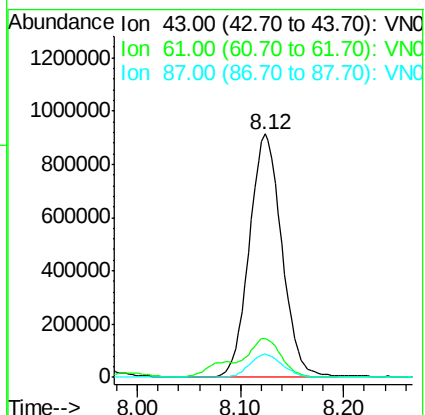
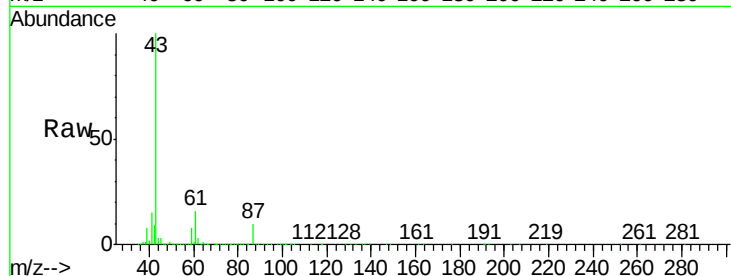
61 15.9 13.1 19.7

87 9.6 7.5 11.3

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#44

Trichloroethene

Concen: 49.270 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062370.D

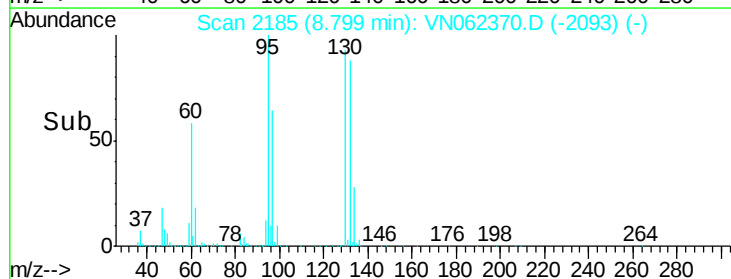
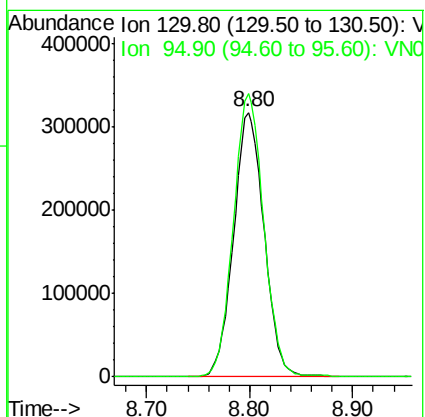
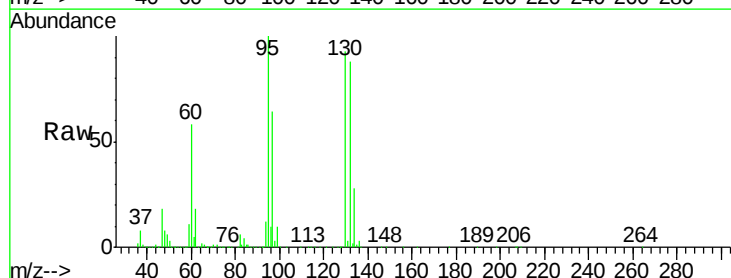
Acq: 6 Jul 2020 17:54

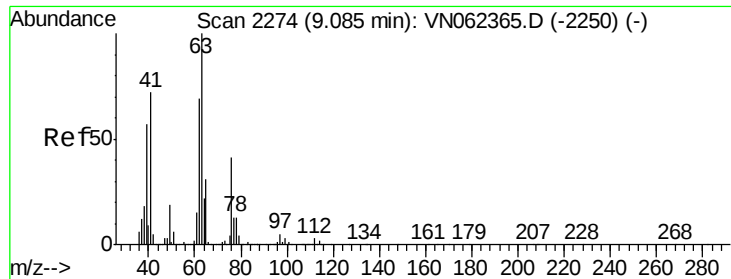
Tgt Ion: 130 Resp: 654061

Ion Ratio Lower Upper

130 100

95 107.0 0.0 209.8





#45

1,2-Dichloropropane

Concen: 49.917 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 812478

Ion Ratio Lower Upper

63 100

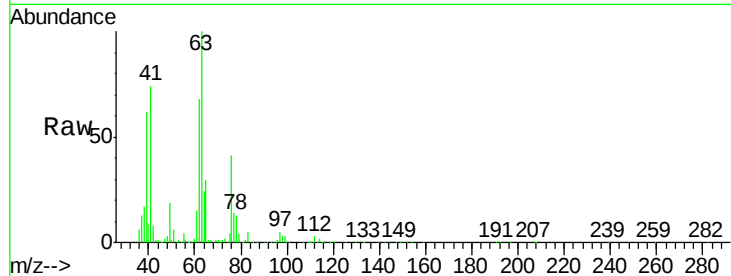
65 30.1 24.2 36.4

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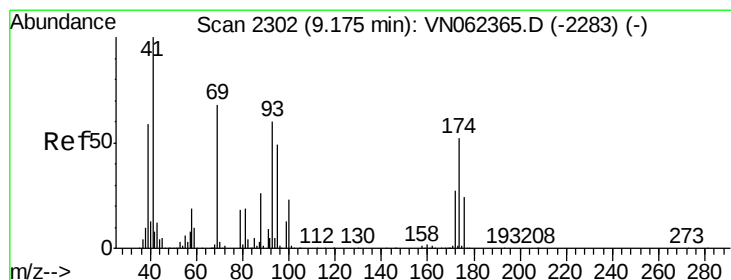
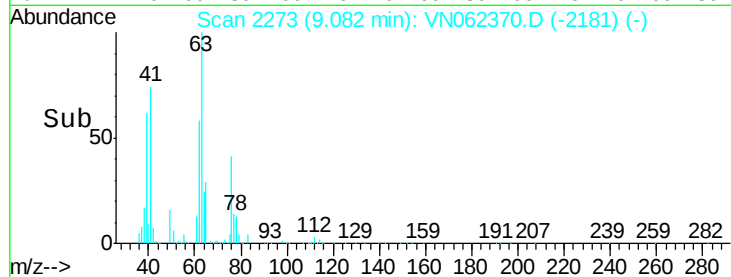
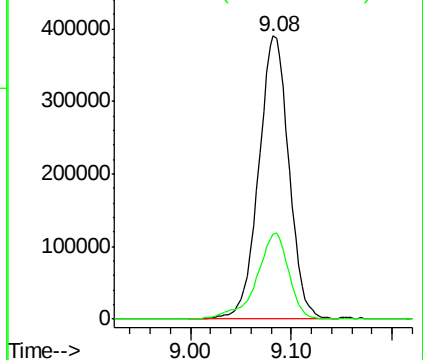
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.748 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

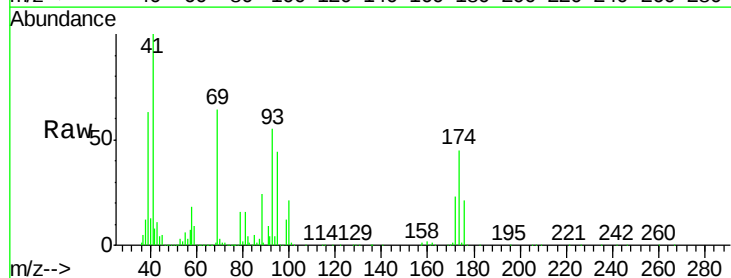
Tgt Ion: 93 Resp: 501162

Ion Ratio Lower Upper

93 100

95 82.7 64.8 97.2

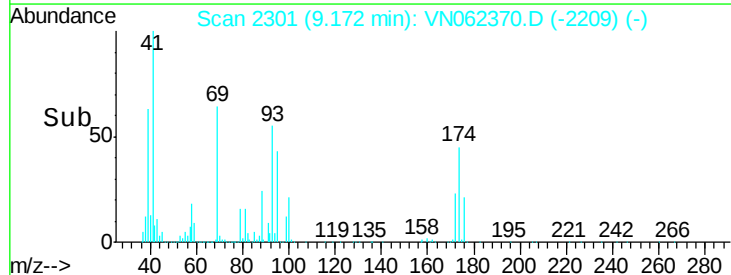
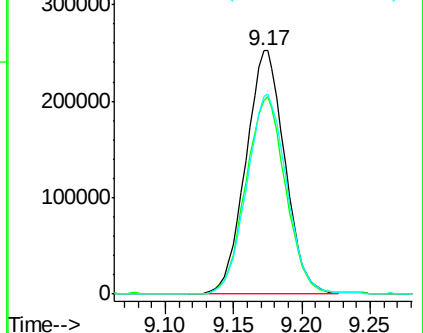
174 84.0 67.6 101.4

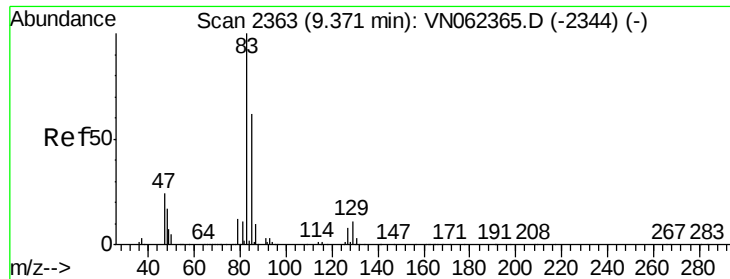


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 48.805 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tot Ion: 83 Resp: 1047975

Ion Ratio Lower Upper

83 100

85 62.7 49.8 74.6

127 7.8 6.2 9.2

Instrument :

MSVOA_N

ClientSampleId :

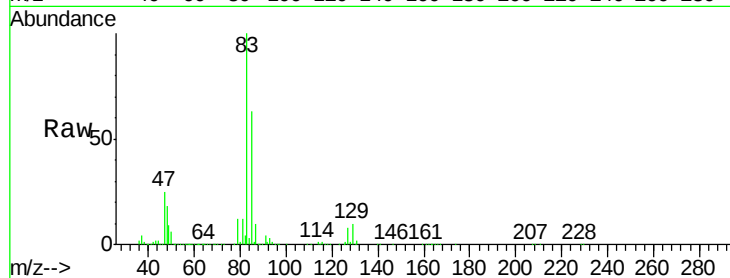
VSTDCCC050

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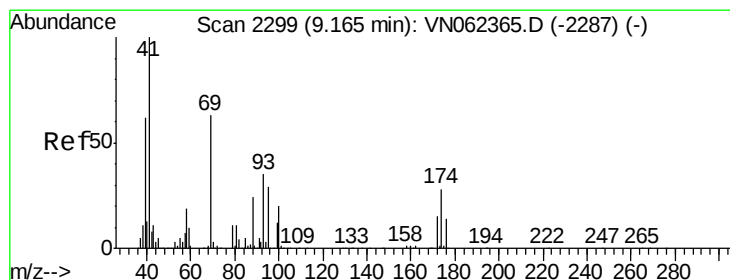
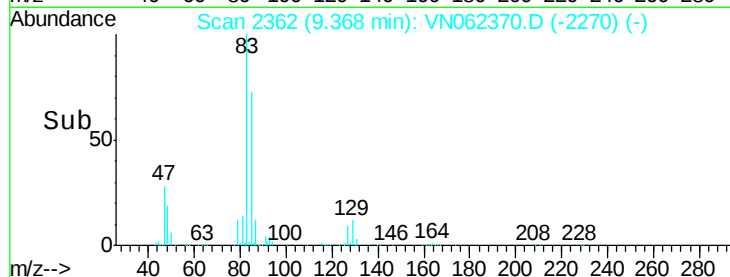
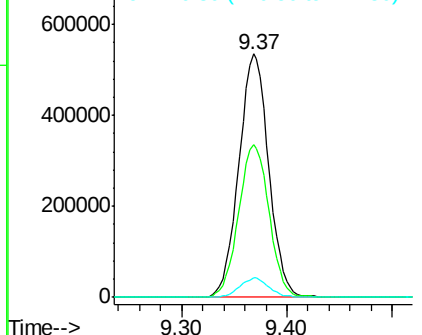
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.638 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

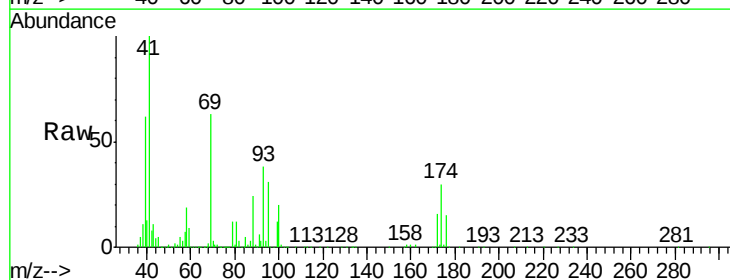
Tgt Ion: 41 Resp: 1001710

Ion Ratio Lower Upper

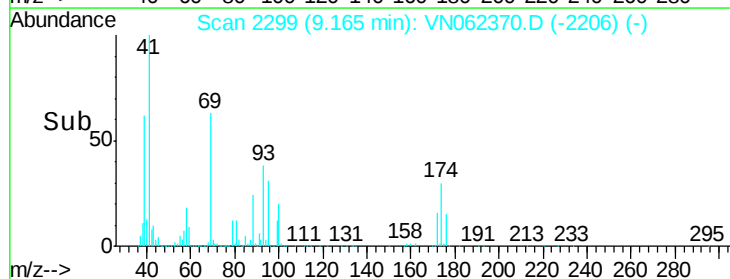
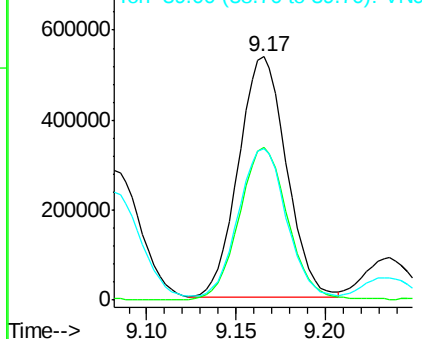
41 100

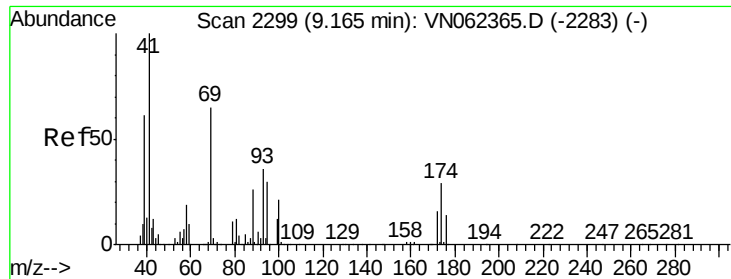
69 64.4 51.5 77.3

39 64.0 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





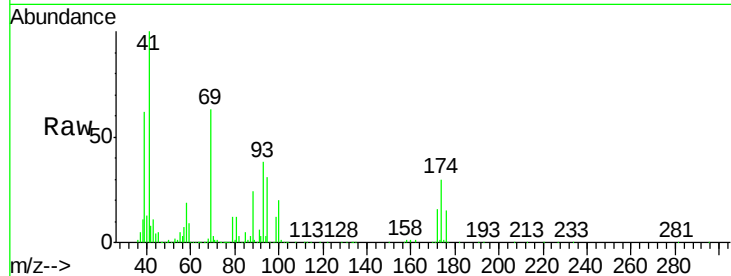
#49
1,4-Dioxane
Concen: 966.261 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.8	34.0	51.0
58	79.4	63.0	94.4

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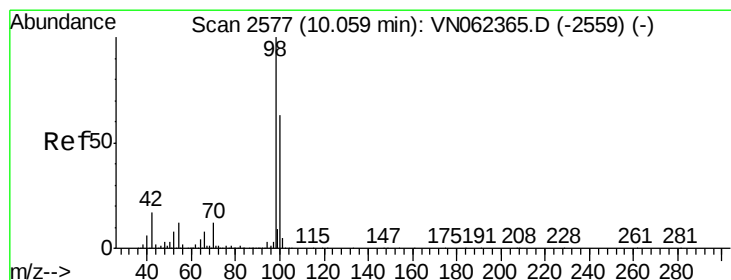
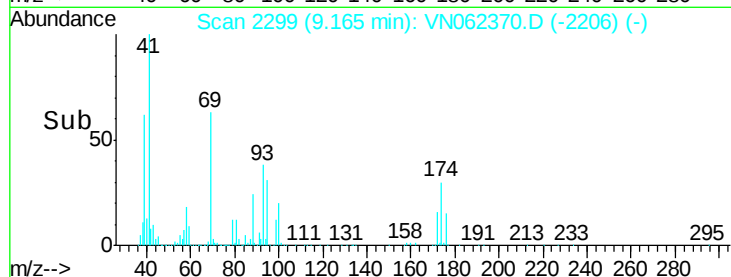
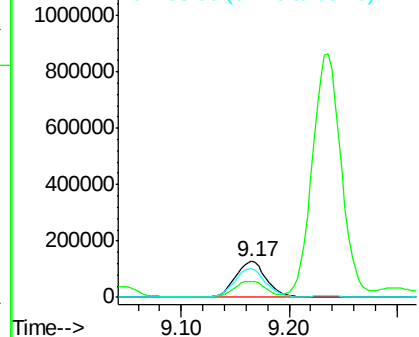


Abundance

Ion 88.00 (87.70 to 88.70): VNO

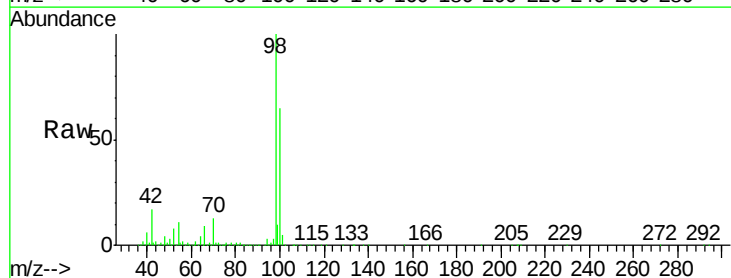
Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

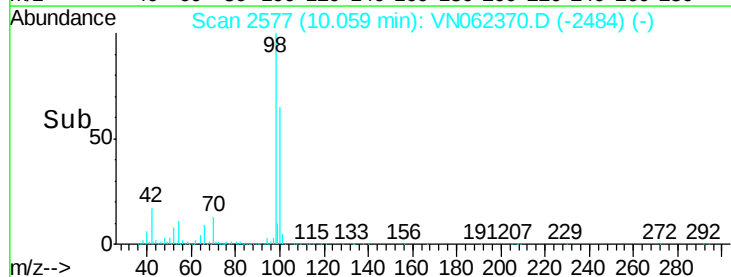
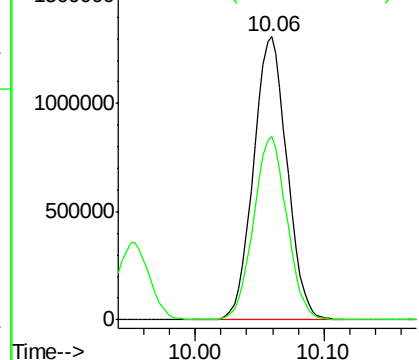
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.2	75.2

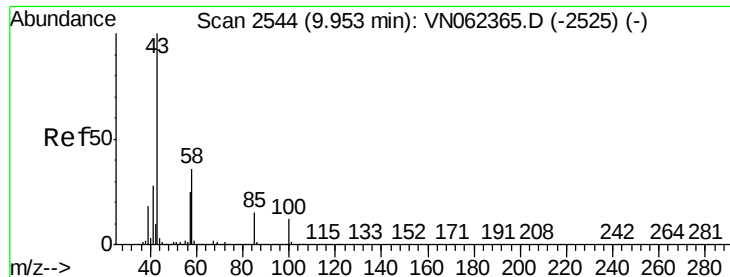


Abundance

Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#51

4-Methyl-2-Pentanone

Concen: 259.204 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5696545

Ion Ratio Lower Upper

43 100

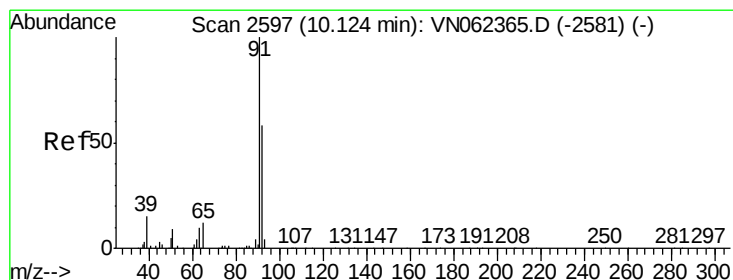
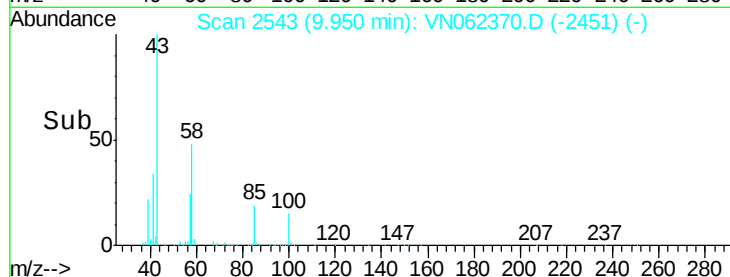
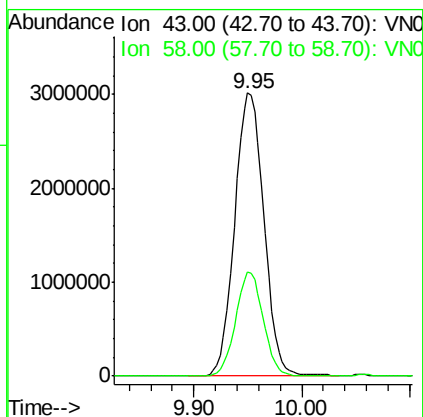
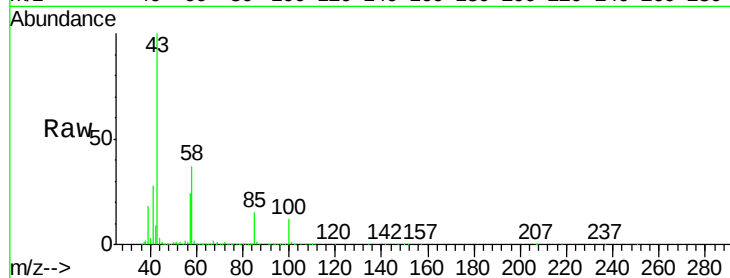
58 34.7 27.6 41.4

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#52

Toluene

Concen: 51.541 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062370.D

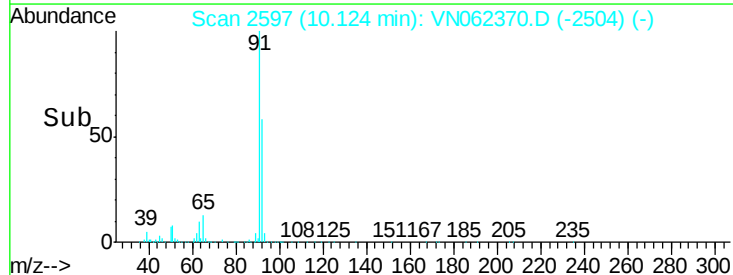
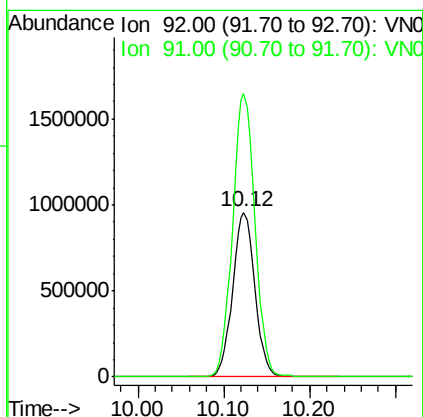
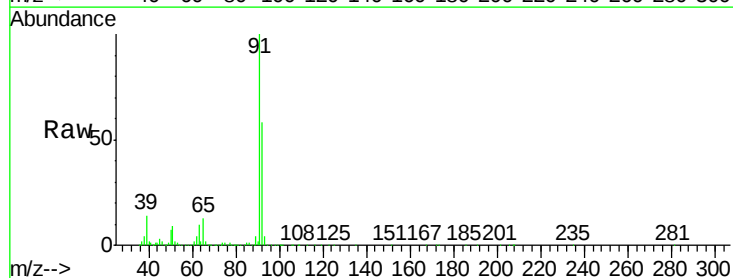
Acq: 6 Jul 2020 17:54

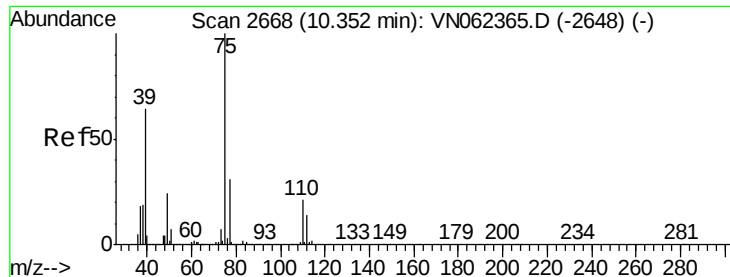
Tgt Ion: 92 Resp: 1711420

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.2





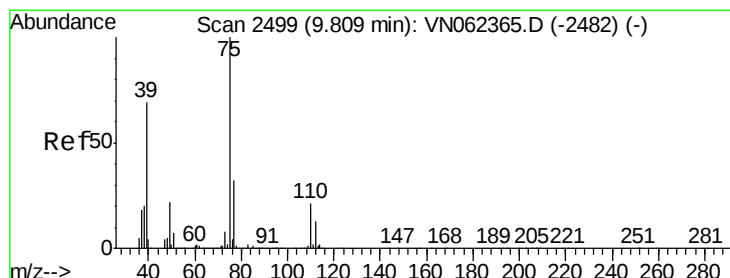
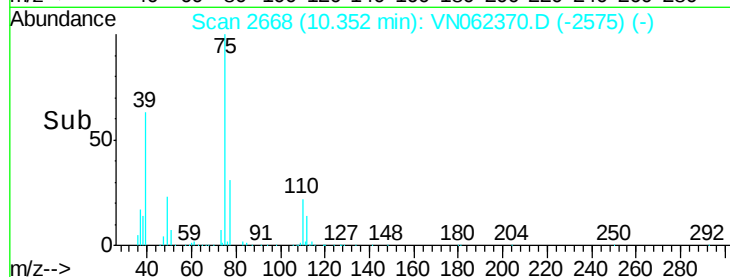
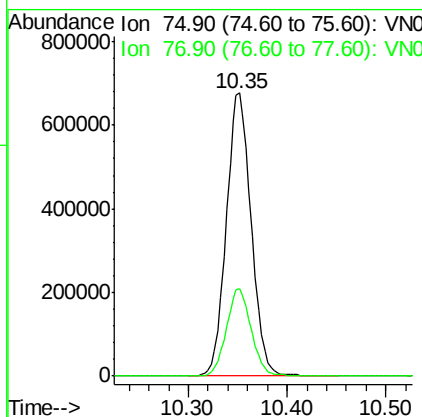
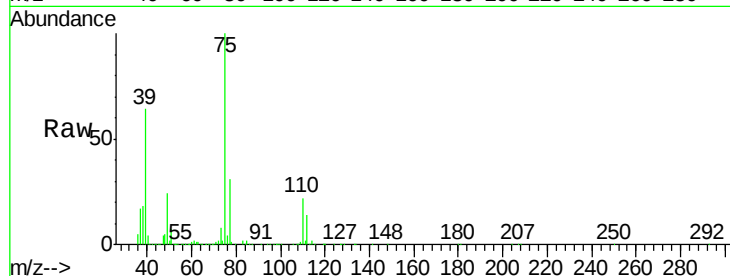
#53
t-1,3-Dichloropropene
Concen: 51.594 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1192036
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3

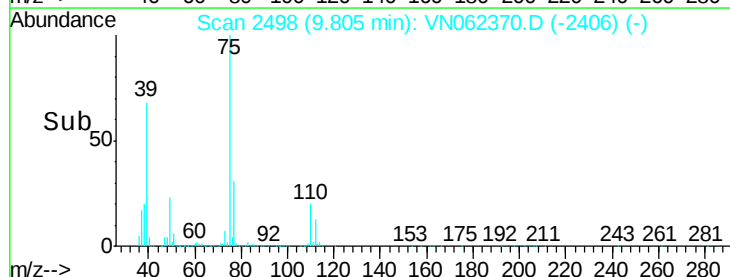
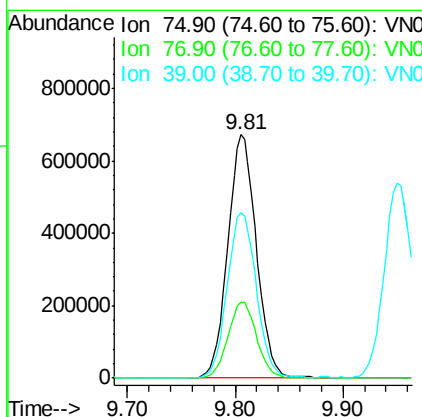
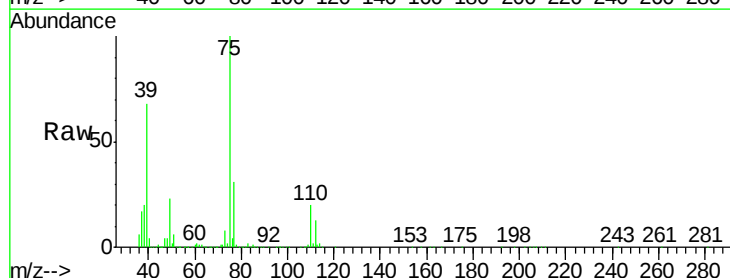
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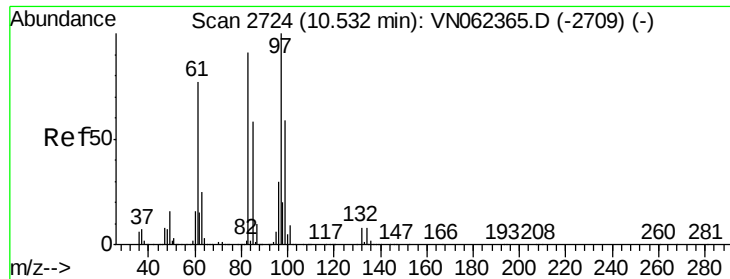
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#54
cis-1,3-Dichloropropene
Concen: 50.296 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 75 Resp: 1239927
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
39 67.8 55.3 82.9





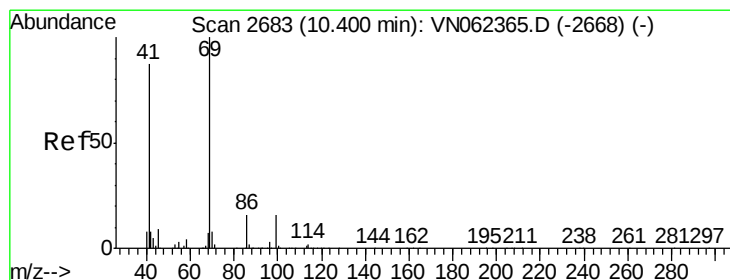
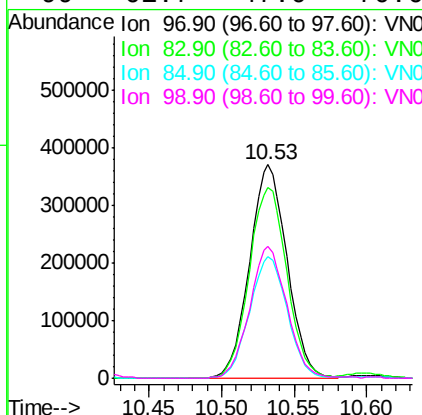
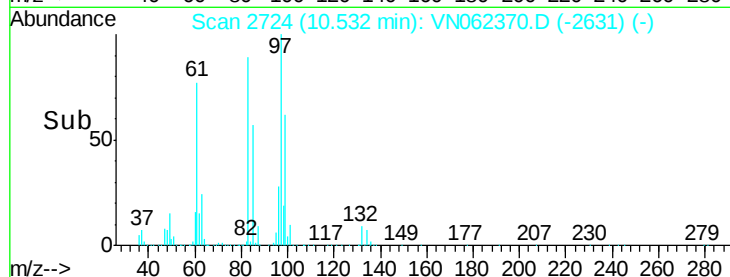
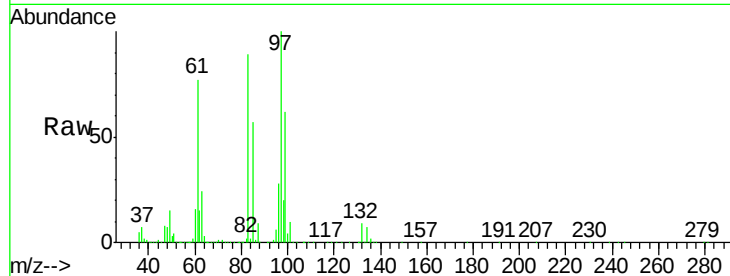
#55
 1,1,2-Trichloroethane
 Concen: 50.156 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	667391
Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.4	108.6
85	56.6	46.3	69.5
99	61.7	47.0	70.6

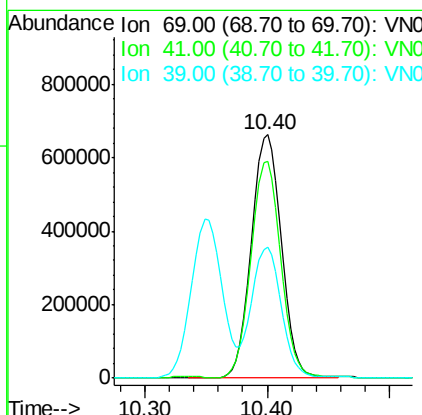
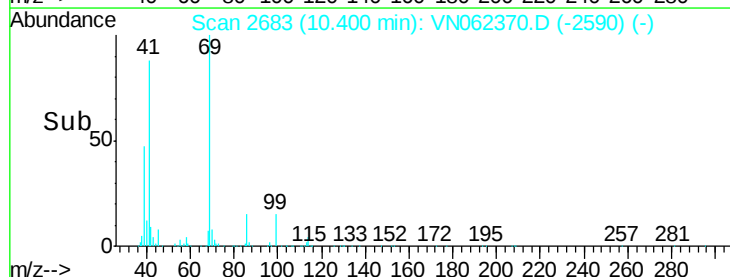
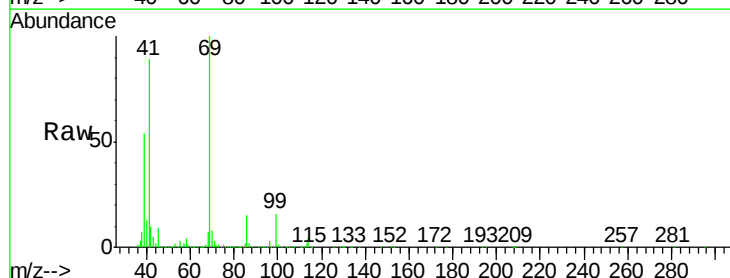
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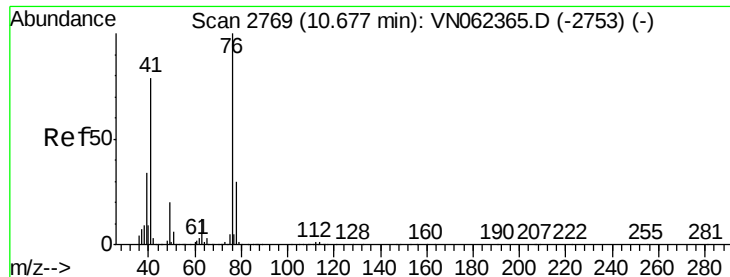
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#56
 Ethyl methacrylate
 Concen: 52.460 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion:	69	Resp:	1124295
Ion	Ratio	Lower	Upper
69	100		
41	87.8	69.4	104.0
39	52.5	42.4	63.6





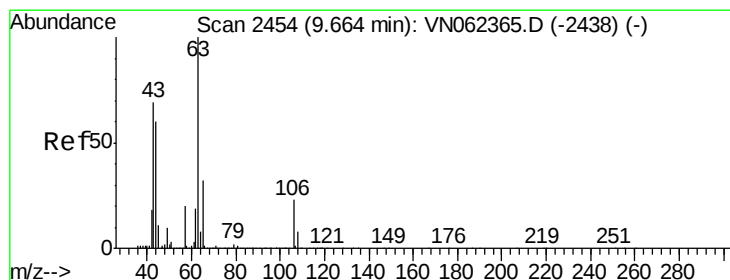
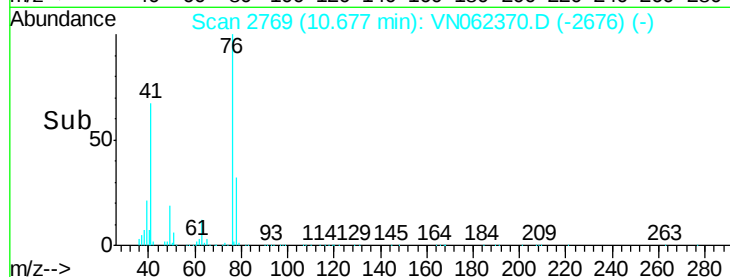
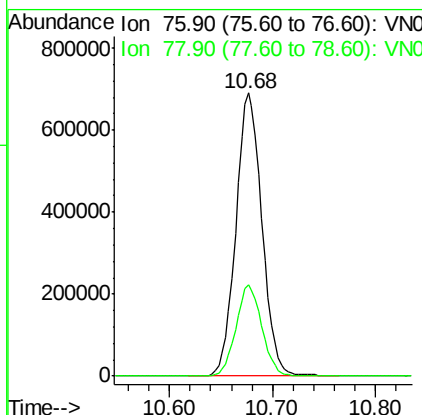
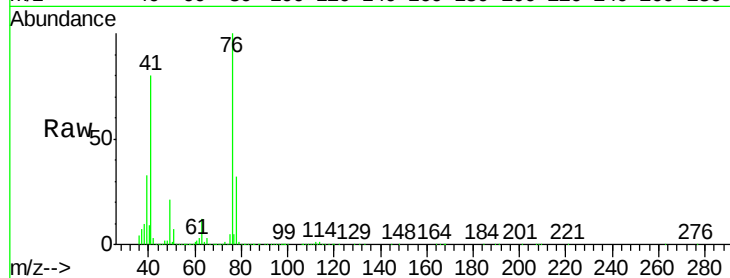
#57
 1,3-Dichloropropane
 Concen: 49.134 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 1214131
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.0 37.4

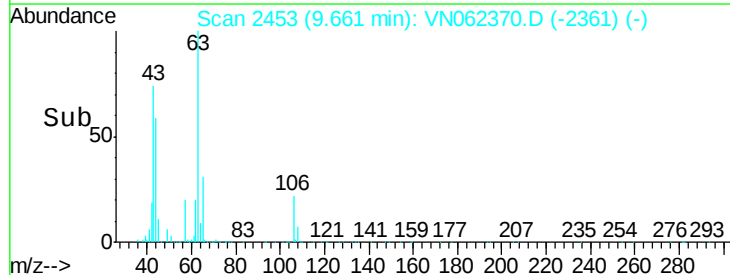
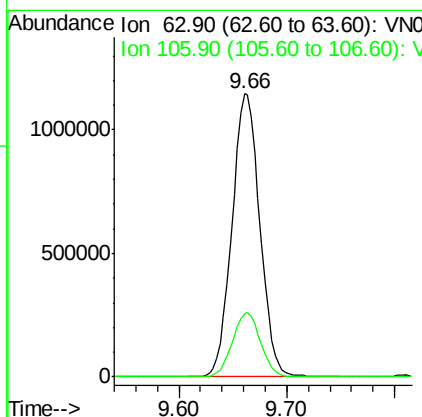
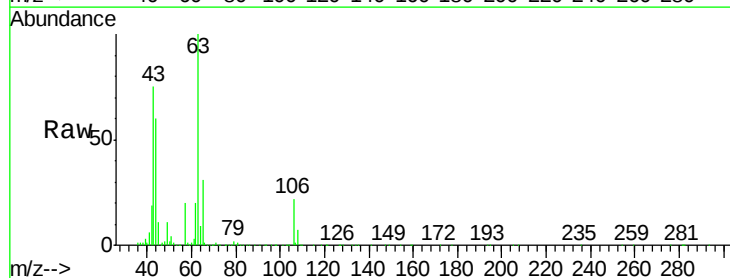
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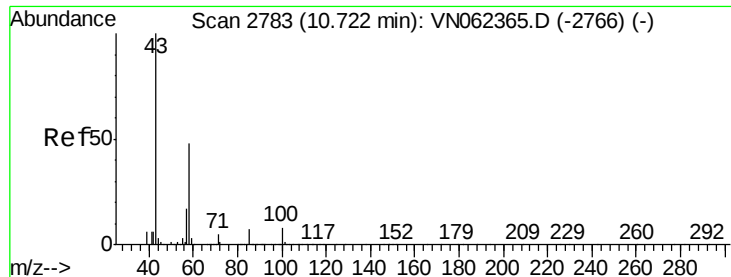
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.997 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 63 Resp: 2058112
 Ion Ratio Lower Upper
 63 100
 106 22.9 18.0 27.0





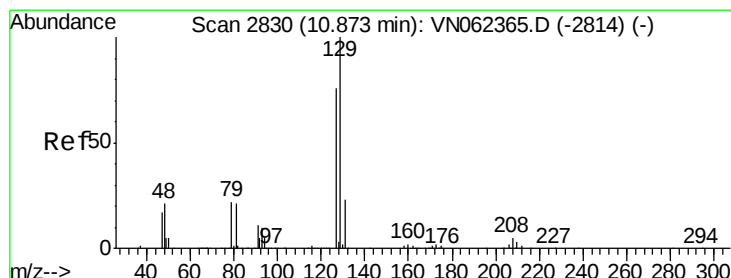
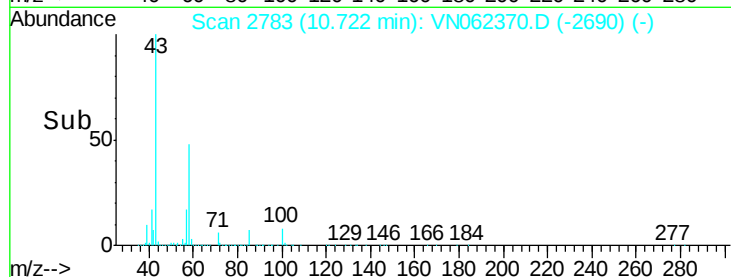
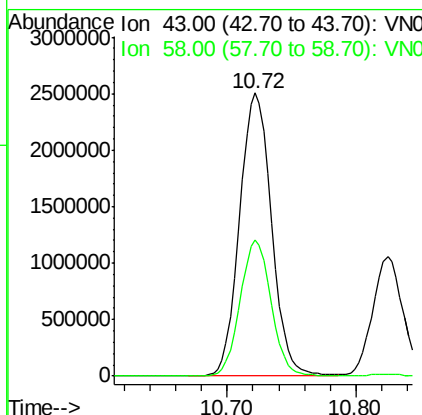
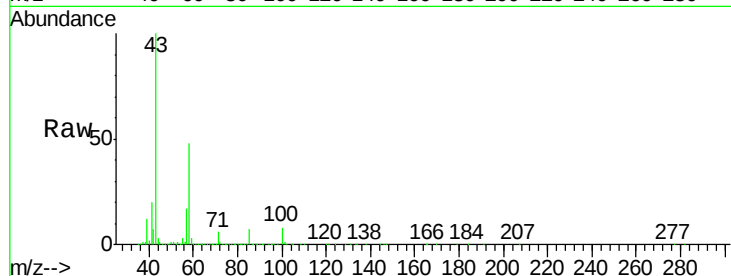
#59
2-Hexanone
Concen: 275.286 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4324369
Ion Ratio Lower Upper
43 100
58 46.7 23.5 70.6

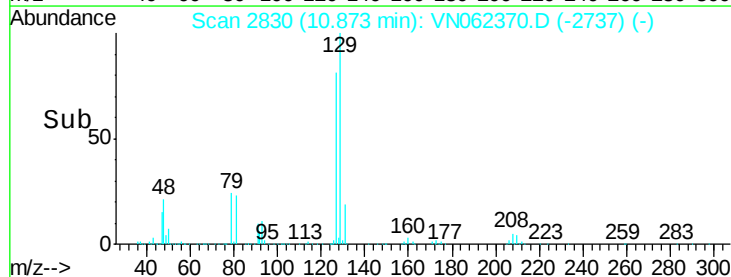
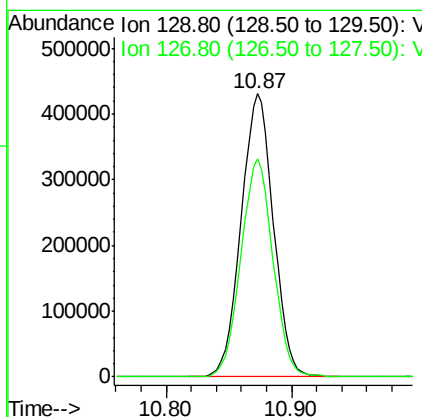
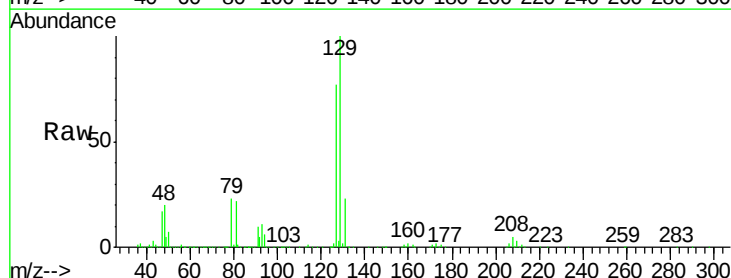
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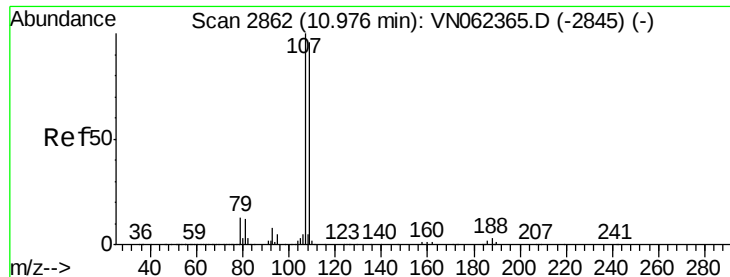
MMDadoda
7/7/2020 10:08:12 AM



#60
Dibromochloromethane
Concen: 50.807 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion: 129 Resp: 769866
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





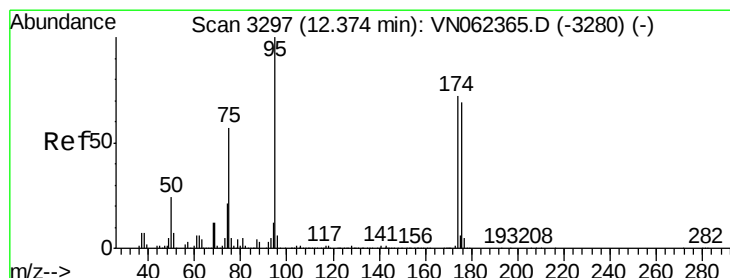
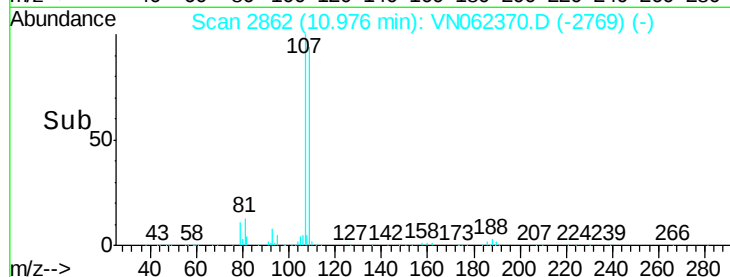
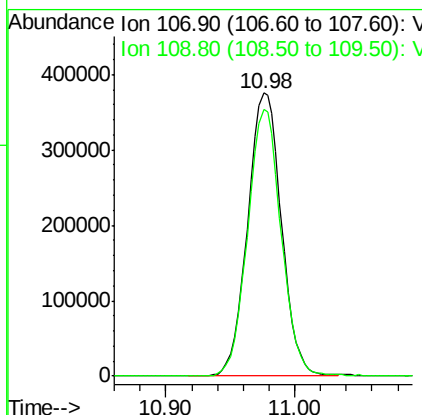
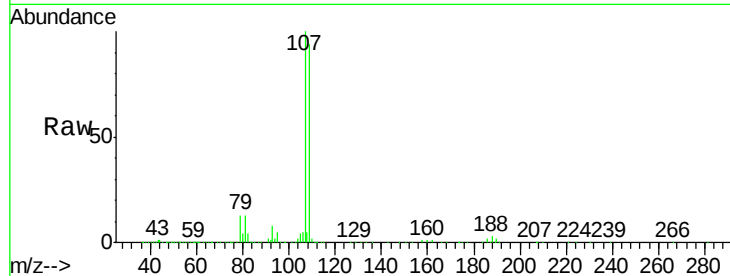
#61
 1,2-Dibromoethane
 Concen: 50.087 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.4	114.6

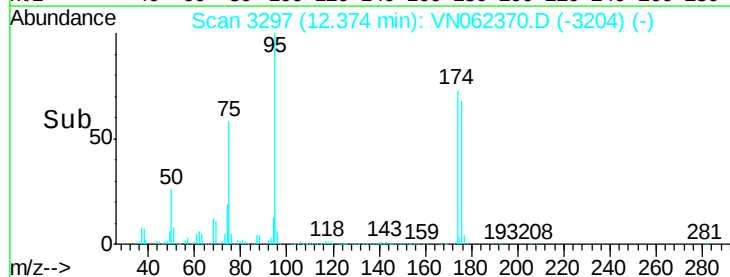
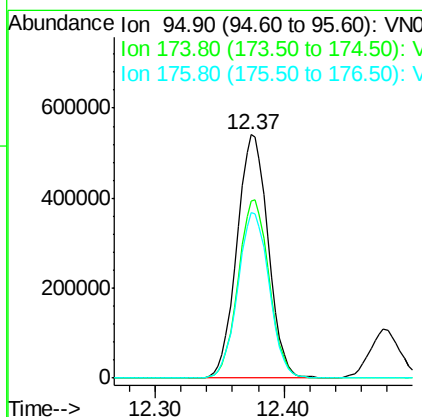
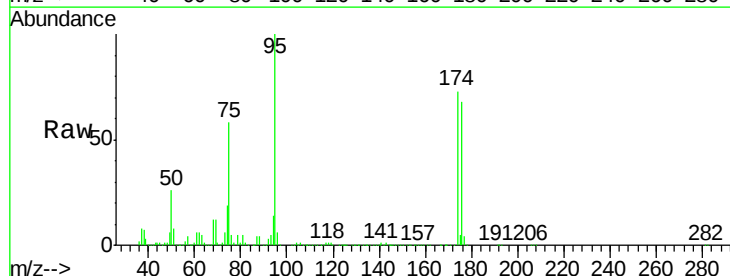
Manual Integrations
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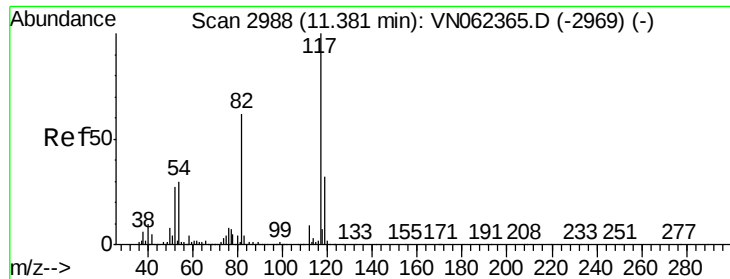
MMDadoda
 7/7/2020 10:08:12 AM



#62
 4-Bromofluorobenzene
 Concen: 50.262 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.8
176	68.2	0.0	140.2





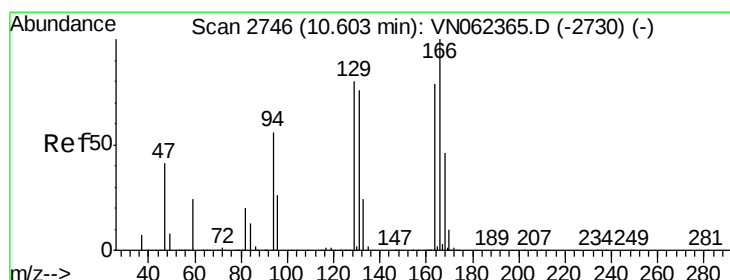
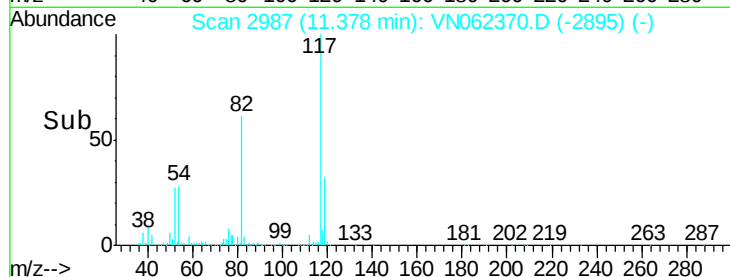
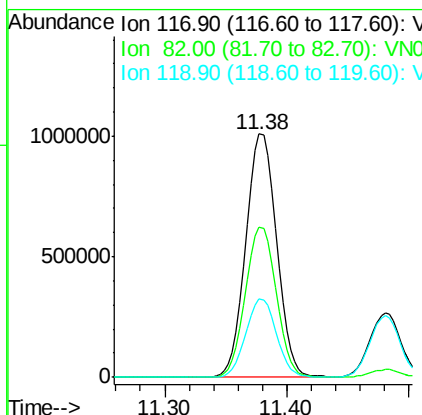
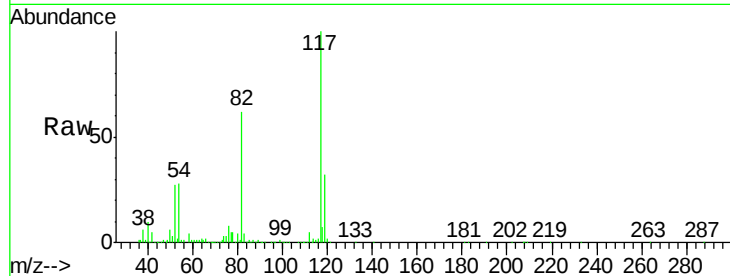
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.4	74.2
119	31.9	25.6	38.4

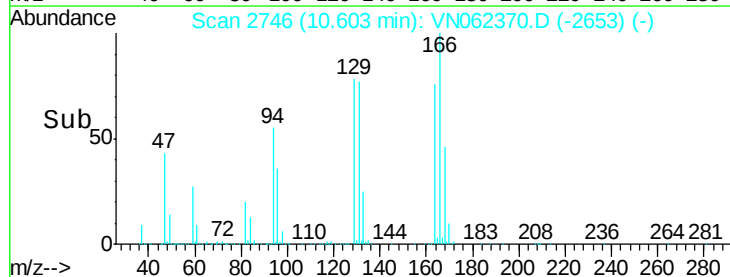
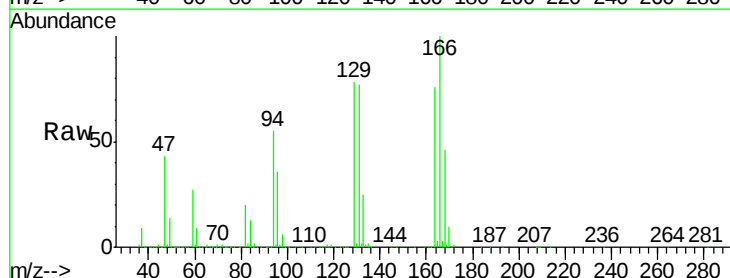
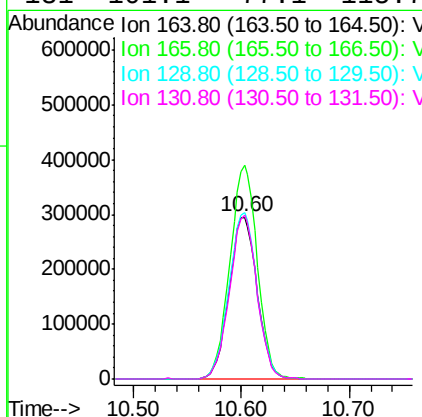
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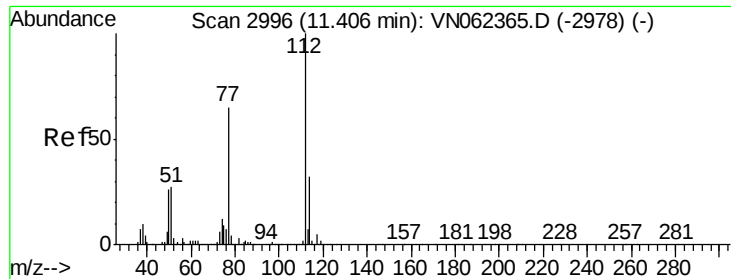
MMDadoda
7/7/2020 10:08:12 AM



#64
Tetrachloroethene
Concen: 47.494 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	101.6	152.4
129	103.2	81.4	122.2
131	101.1	77.1	115.7





#65

Chlorobenzene

Concen: 49.295 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 1777729

Ion Ratio Lower Upper

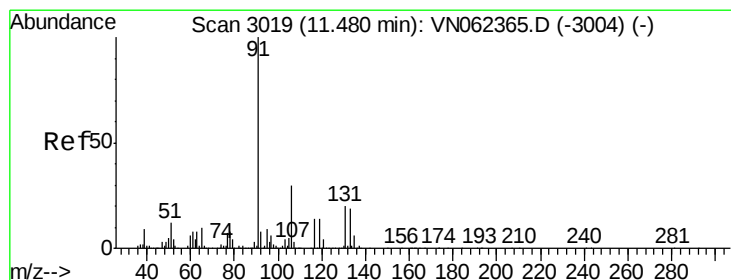
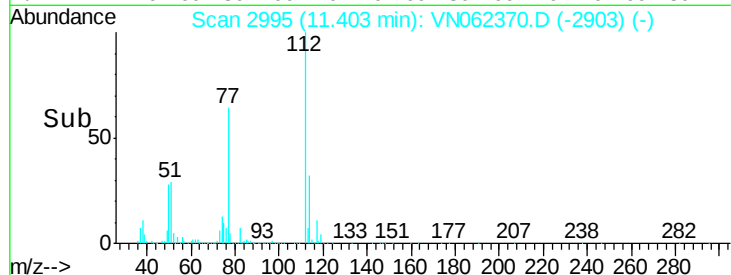
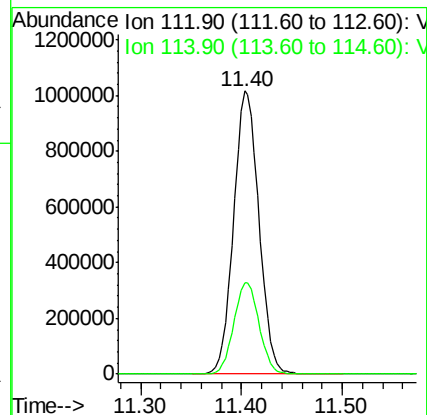
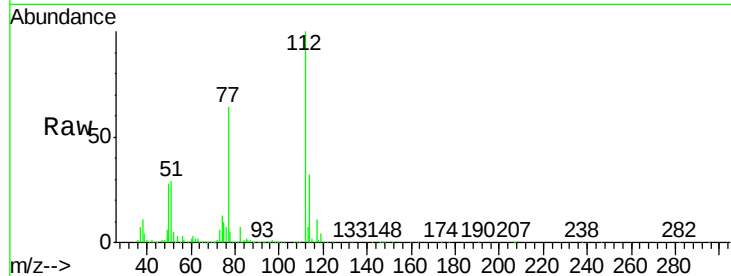
112 100

114 32.1 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.553 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

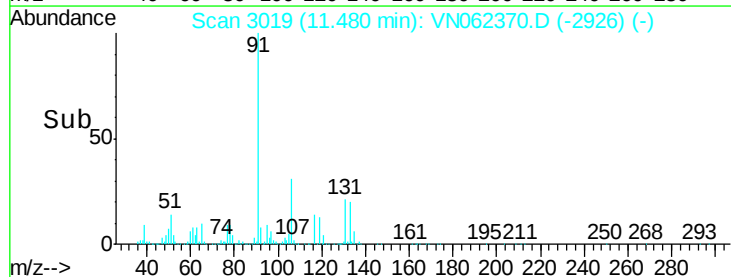
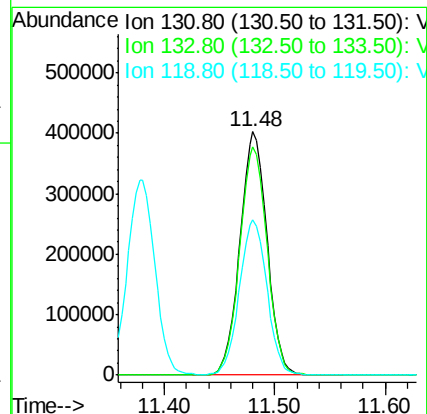
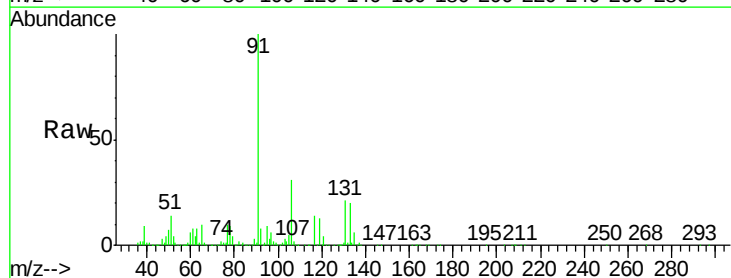
Tgt Ion:131 Resp: 685530

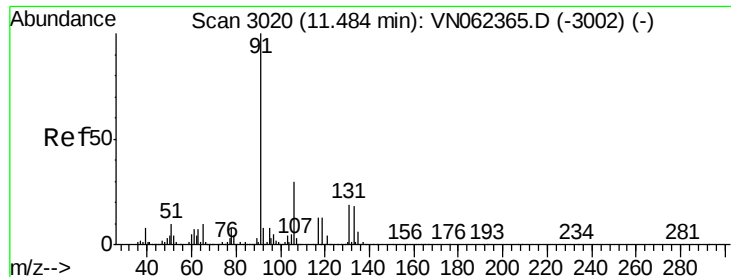
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.9

119 64.7 33.3 99.9





#67

Ethyl Benzene

Concen: 52.094 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 3317356

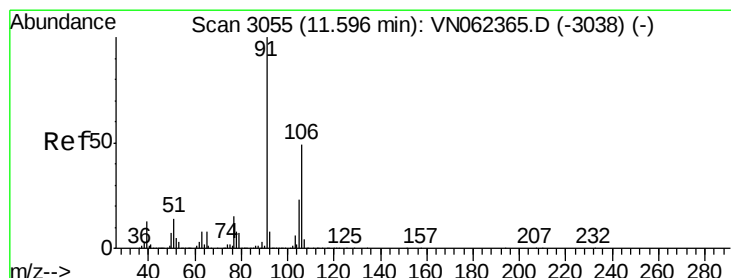
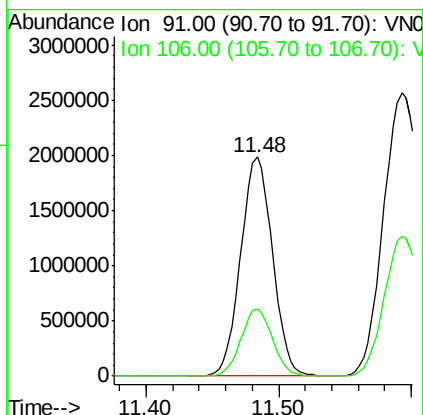
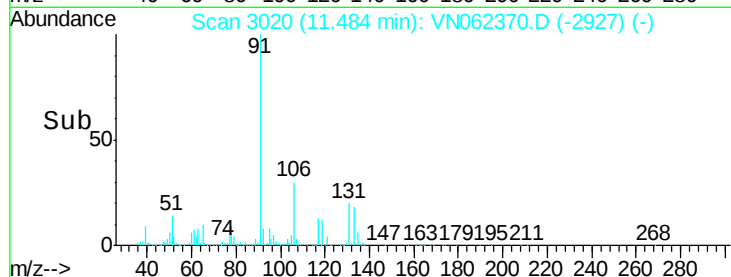
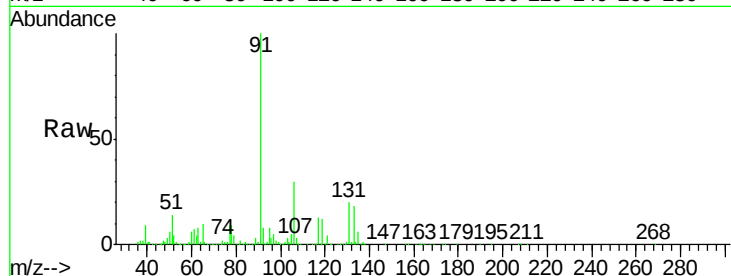
Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2

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#68

m/p-Xylenes

Concen: 105.685 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062370.D

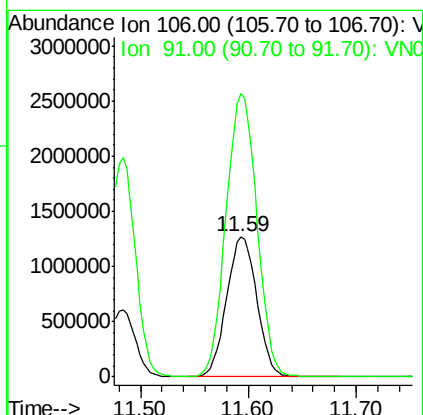
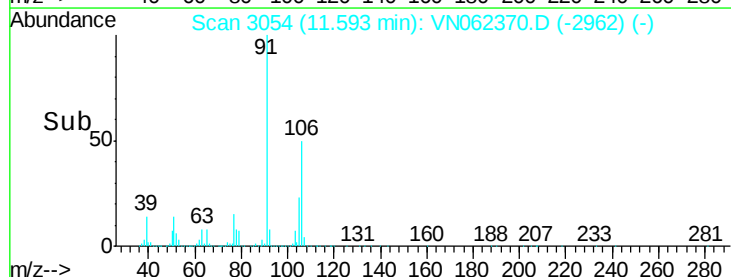
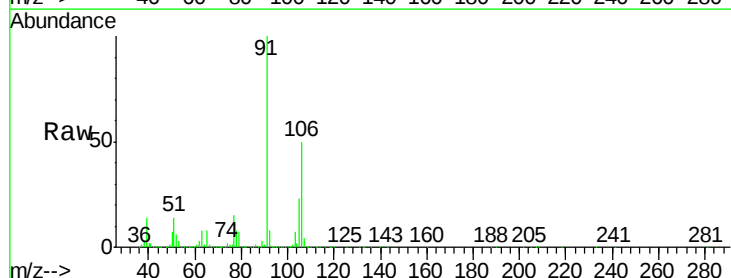
Acq: 6 Jul 2020 17:54

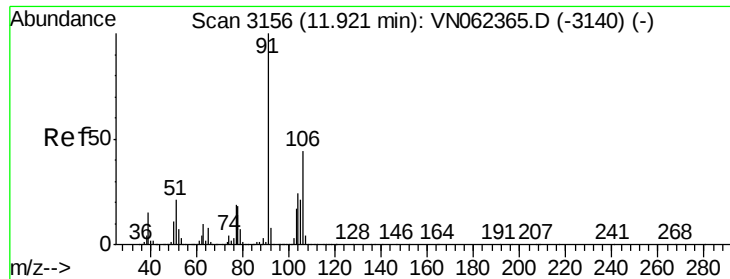
Tgt Ion: 106 Resp: 2473729

Ion Ratio Lower Upper

106 100

91 206.9 165.4 248.2





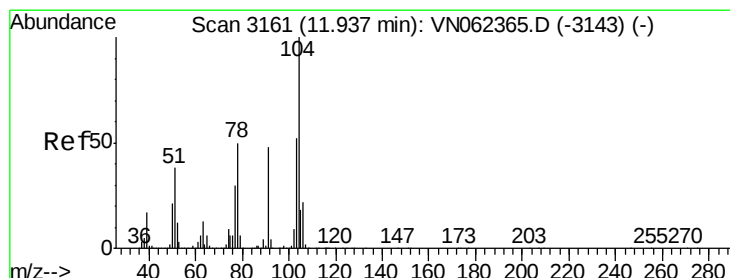
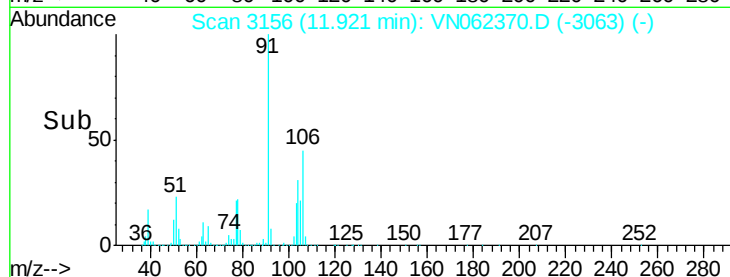
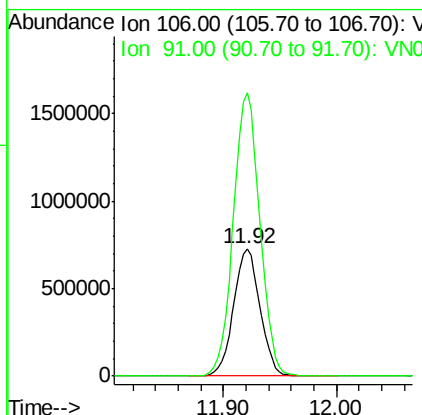
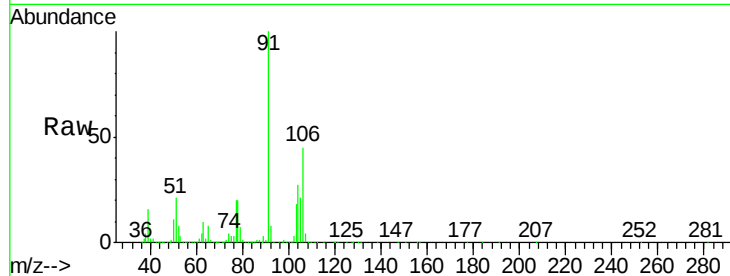
#69
o-Xylene
Concen: 51.177 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1178238
Ion Ratio Lower Upper
106 100
91 223.9 113.1 339.4

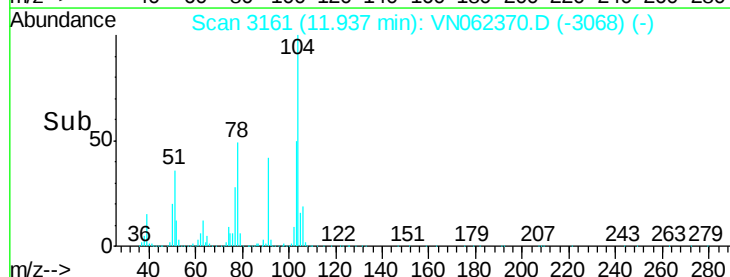
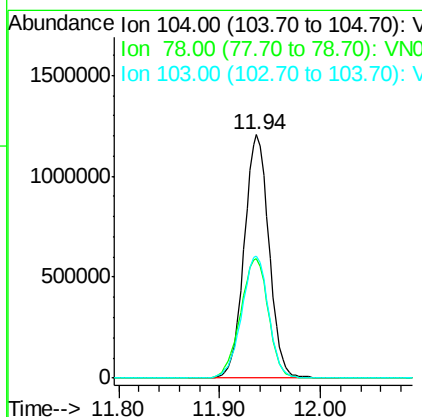
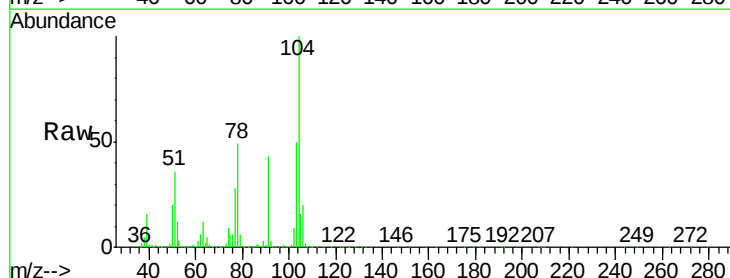
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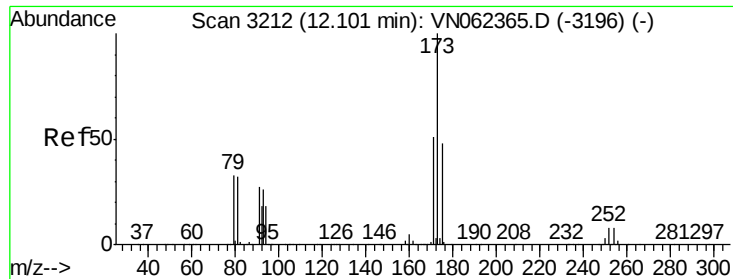
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#70
Styrene
Concen: 53.526 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion:104 Resp: 2036325
Ion Ratio Lower Upper
104 100
78 55.7 44.8 67.2
103 54.4 45.0 67.4





#71

Bromoform

Concen: 49.738 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 529567

Ion Ratio Lower Upper

173 100

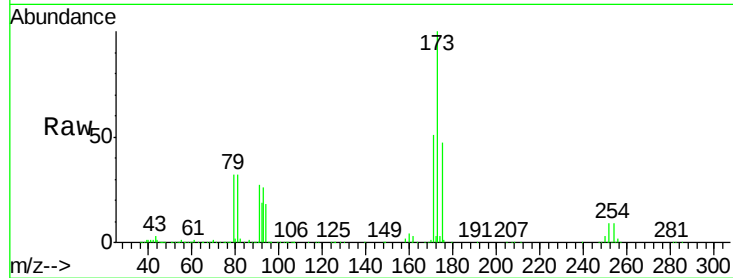
175 47.7 24.1 72.2

254 0.1 0.2 0.2#

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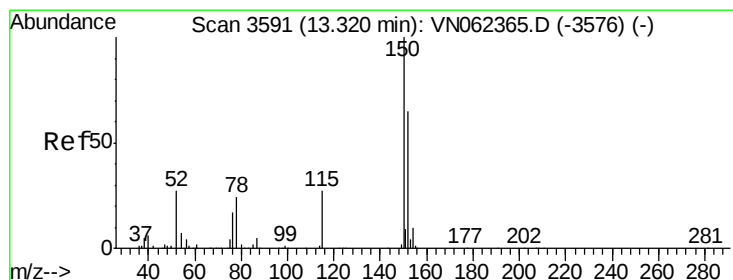
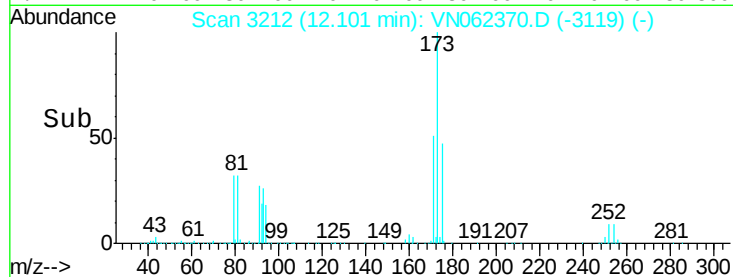
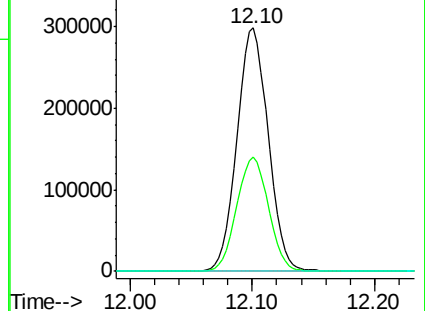
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

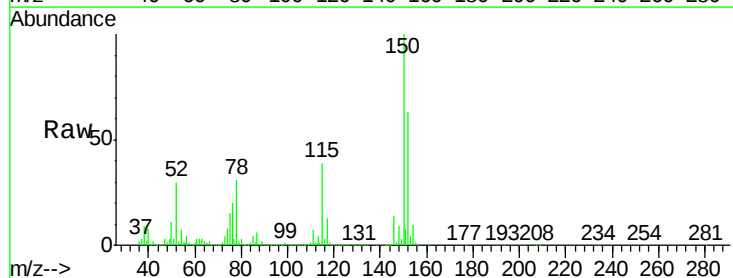
Tgt Ion:152 Resp: 861425

Ion Ratio Lower Upper

152 100

115 63.3 30.5 91.5

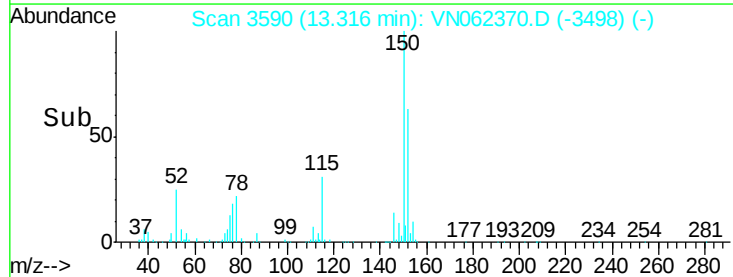
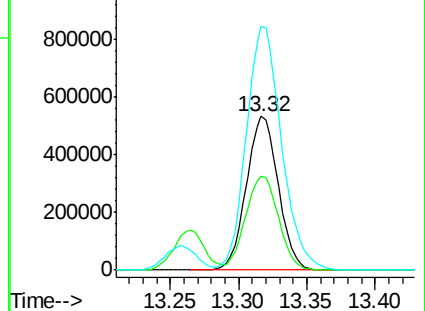
150 175.3 0.0 346.8

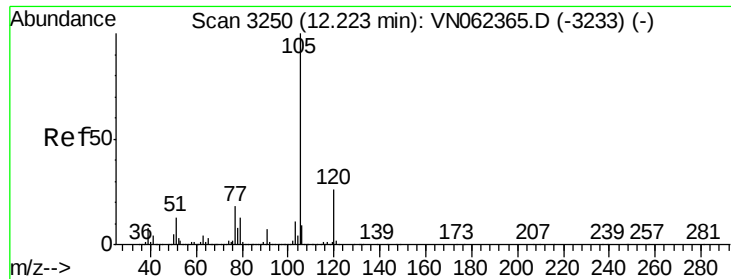


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.934 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 3195932

Ion Ratio Lower Upper

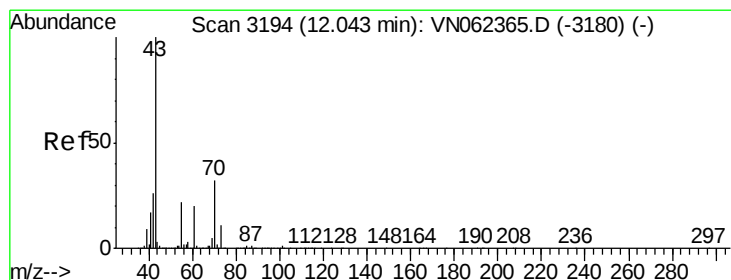
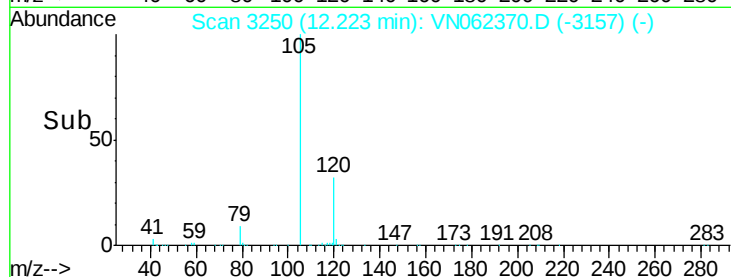
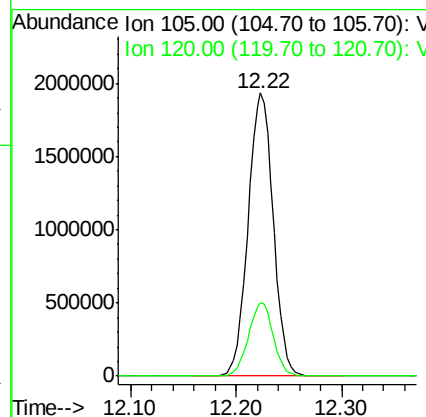
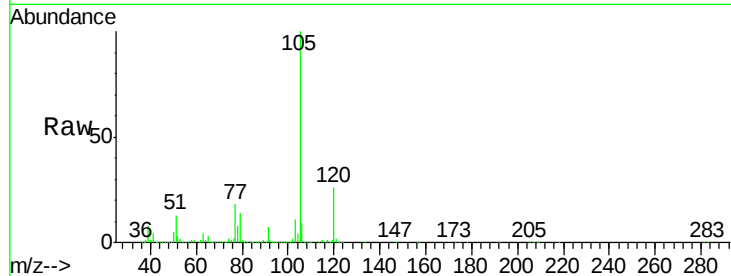
105 100

120 25.6 12.8 38.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 52.129 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion: 43 Resp: 1784992

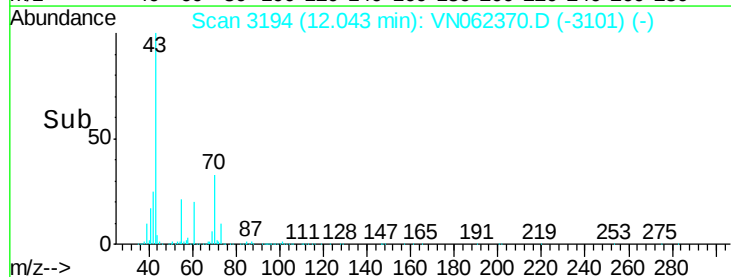
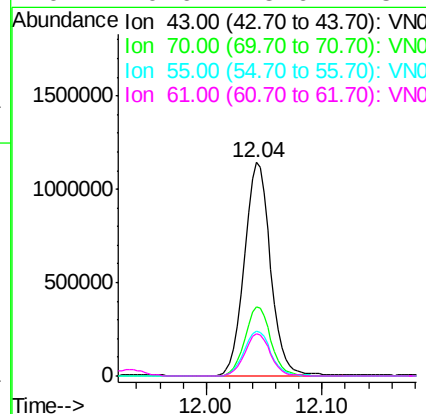
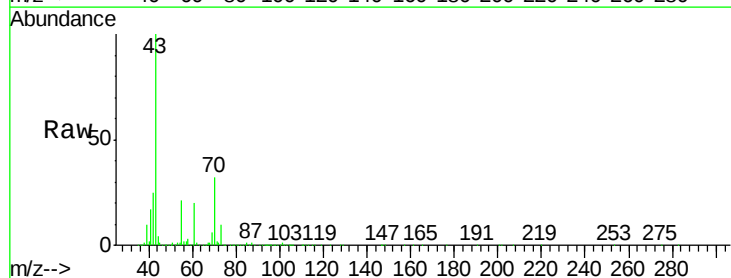
Ion Ratio Lower Upper

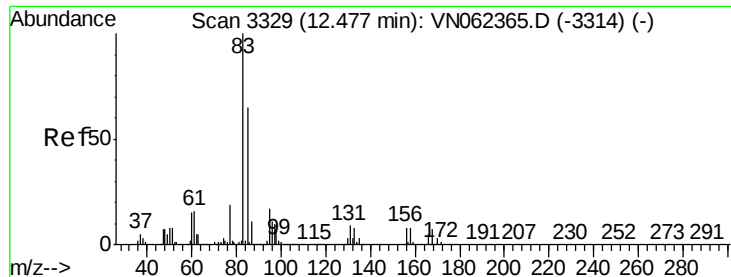
43 100

70 32.2 25.9 38.9

55 21.5 17.4 26.0

61 19.6 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.132 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

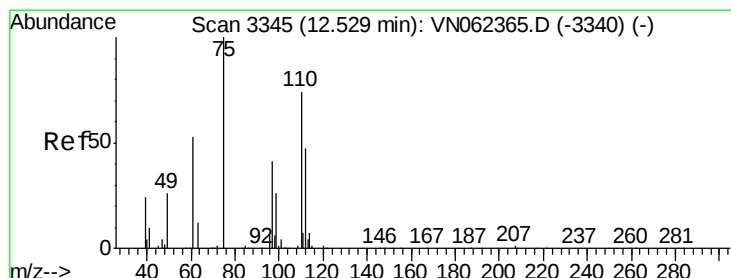
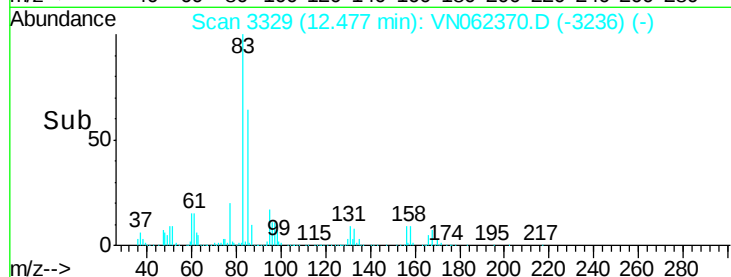
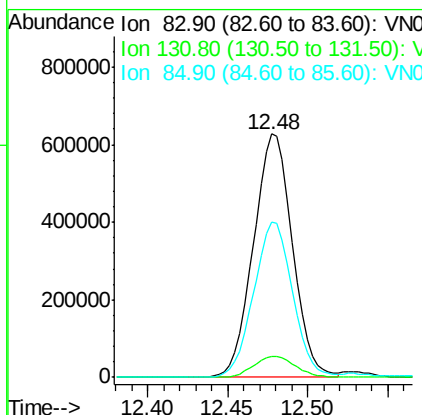
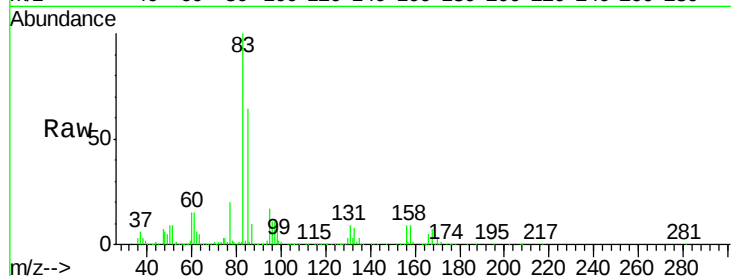
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	1050405
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.8	14.3
85	63.7	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.948 ug/l m

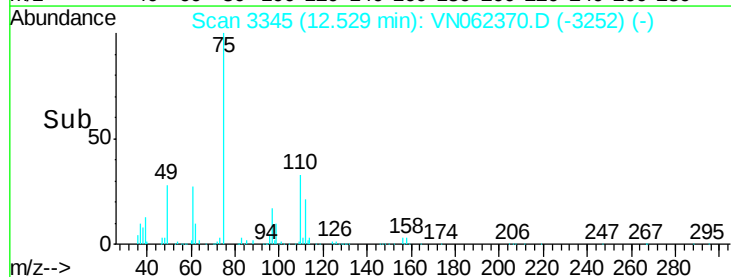
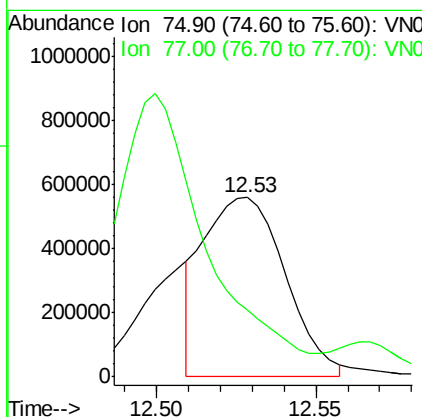
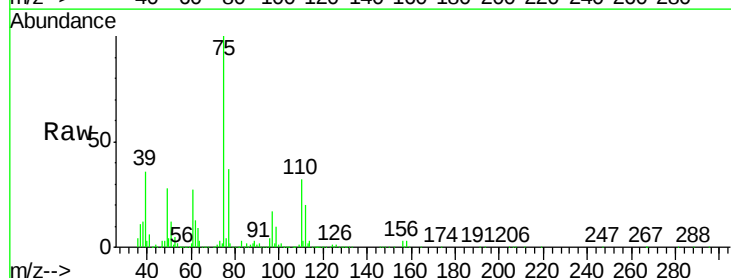
RT: 12.53 min Scan# 3345

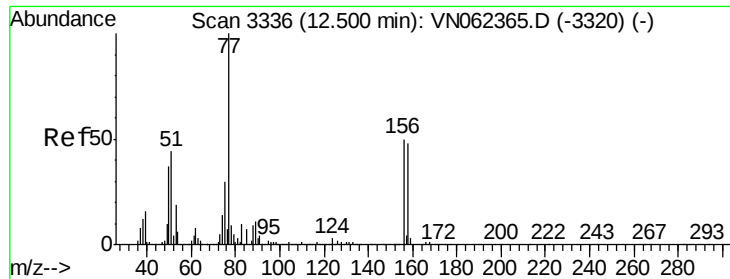
Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion:	75	Resp:	997646
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





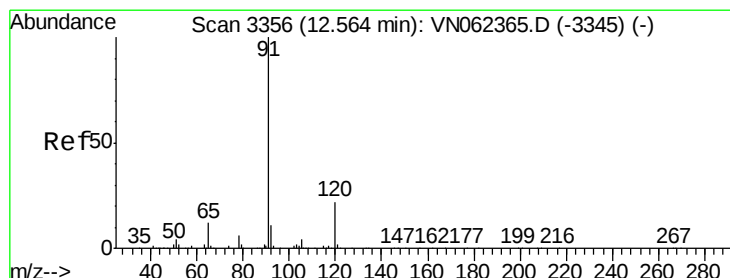
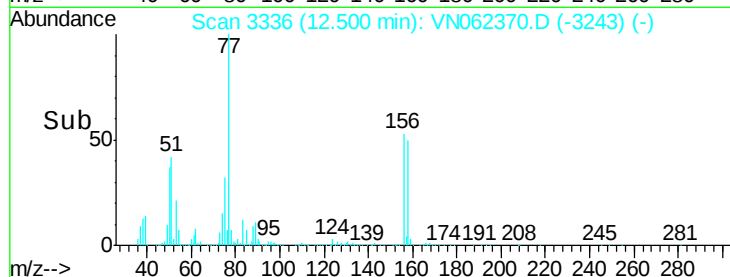
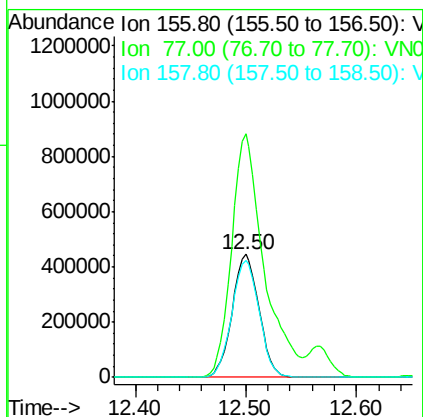
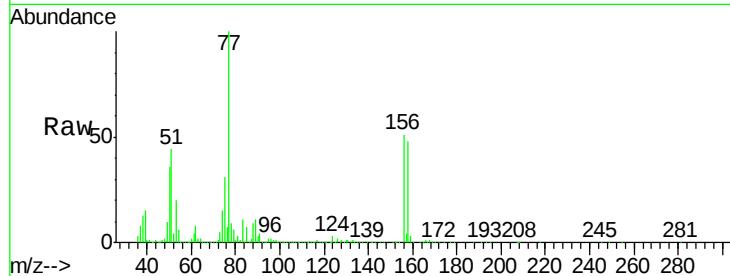
#77
Bromobenzene
Concen: 49.917 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.3	123.3	369.8
158	96.9	49.6	148.8

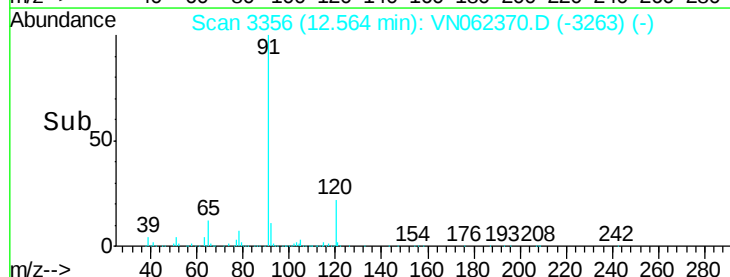
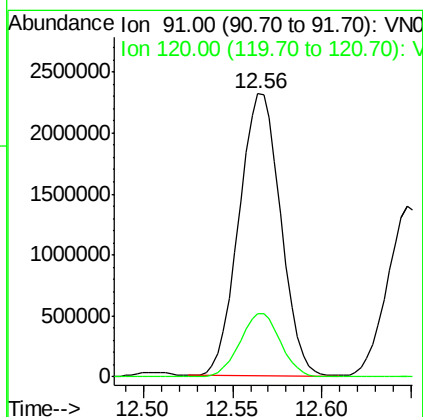
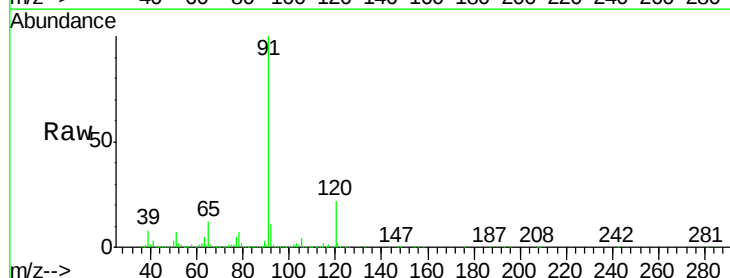
Manual Integrations
APPROVED

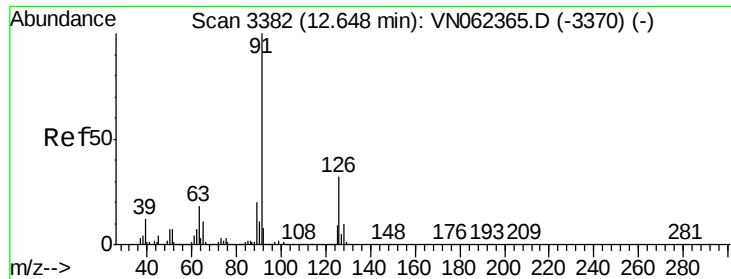
MMDadoda
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#78
n-propylbenzene
Concen: 50.567 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.6





#79

2-Chlorotoluene

Concen: 49.321 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2281817

Ion Ratio Lower Upper

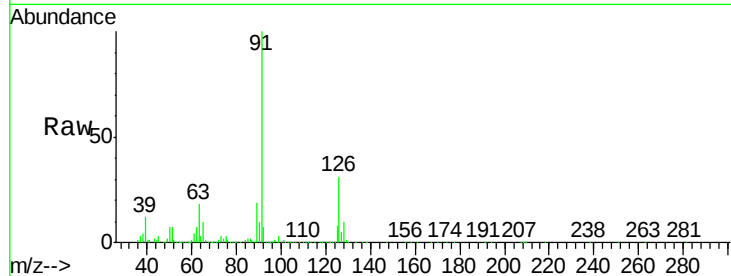
91 100

126 31.7 15.8 47.4

Manual Integrations
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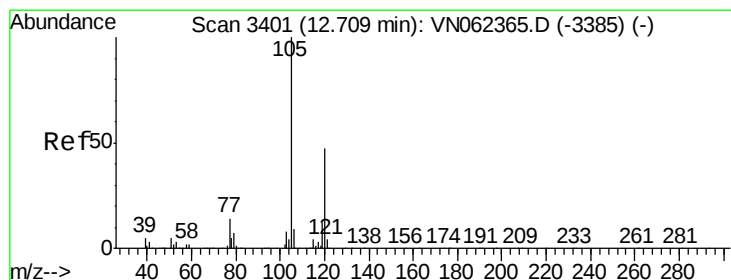
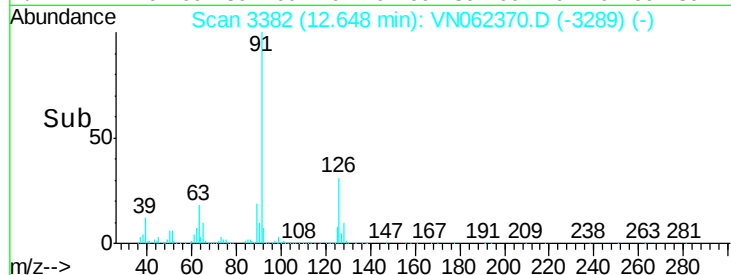
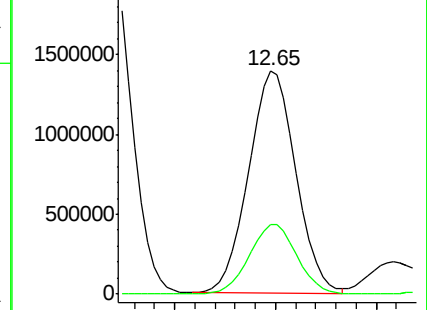
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Abundance Ion 91.00 (90.70 to 91.70): VN062365.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062365.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.300 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062370.D

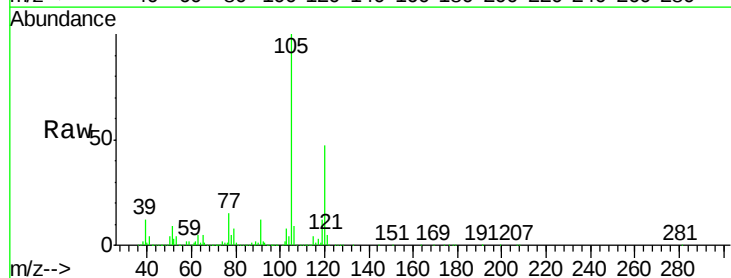
Acq: 6 Jul 2020 17:54

Tgt Ion:105 Resp: 2749202

Ion Ratio Lower Upper

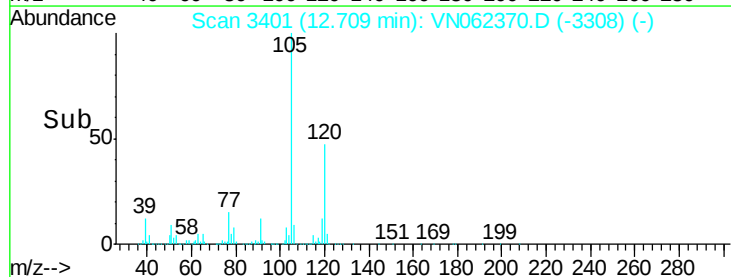
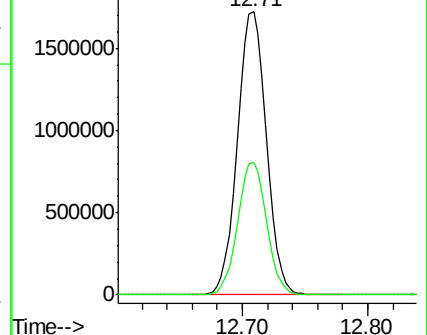
105 100

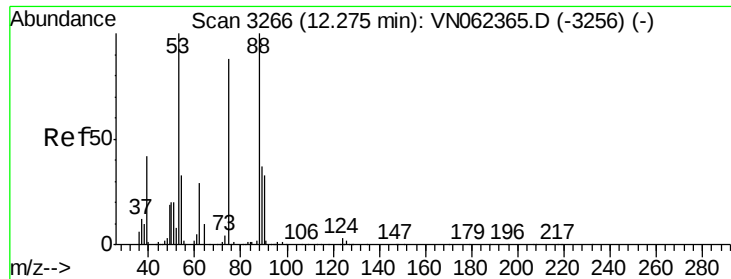
120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062365.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062365.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.327 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

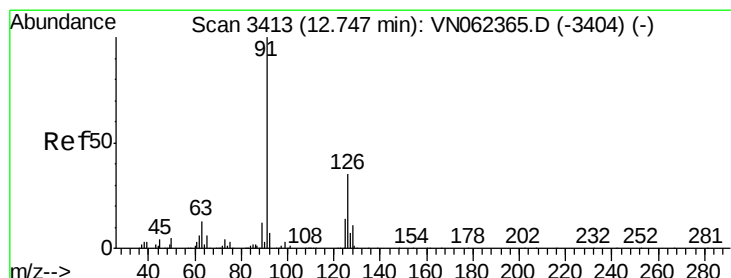
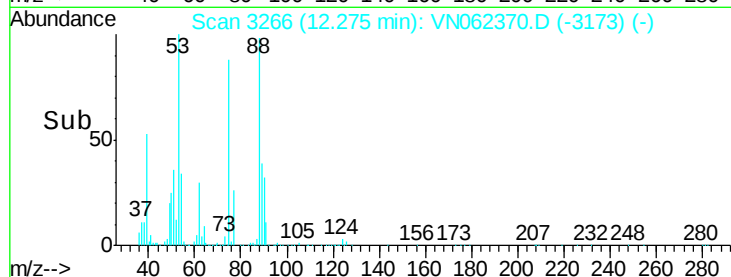
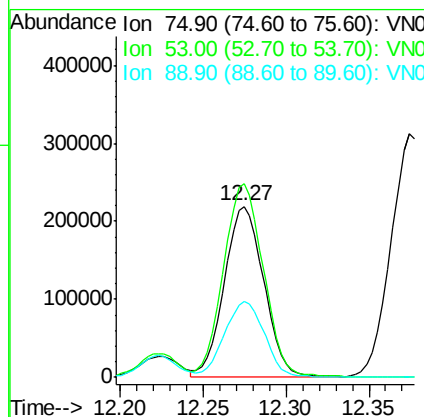
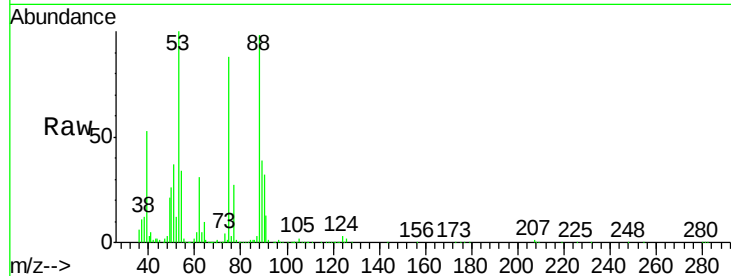
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	358893
Ion	Ratio	Lower	Upper
75	100		
53	115.5	92.3	138.5
89	45.3	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.685 ug/l

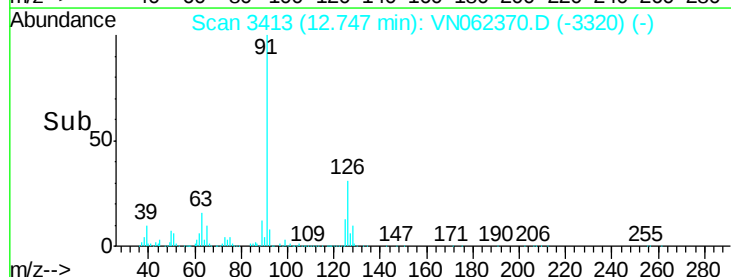
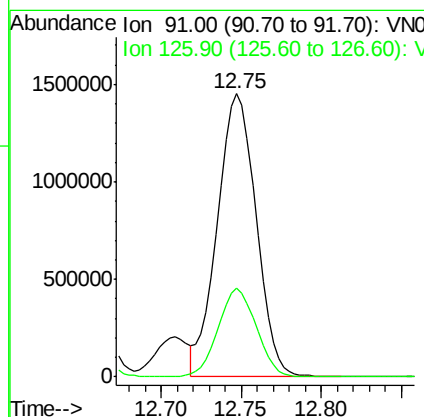
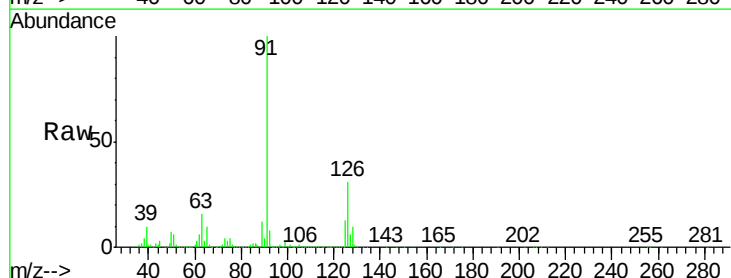
RT: 12.75 min Scan# 3413

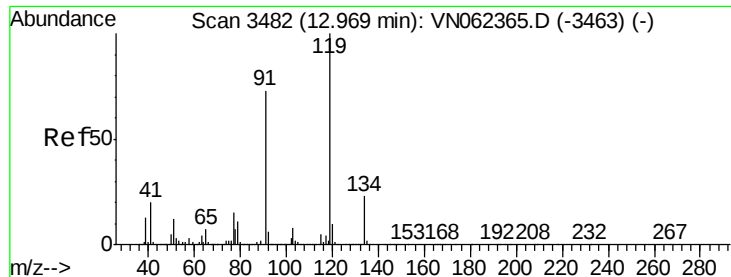
Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Tgt Ion:	91	Resp:	2398431
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7





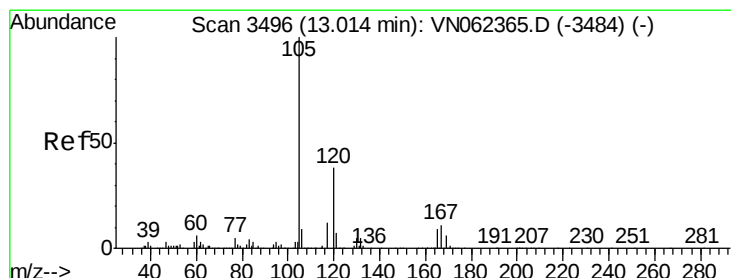
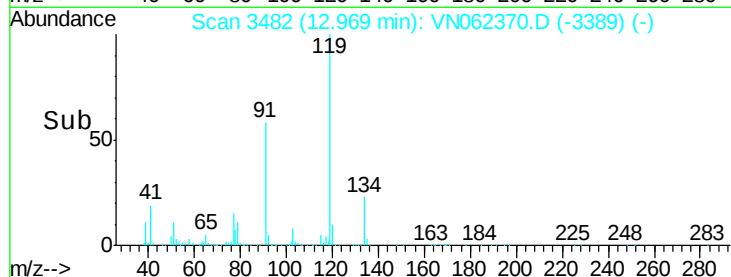
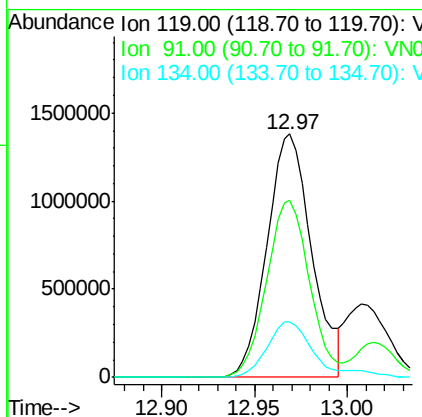
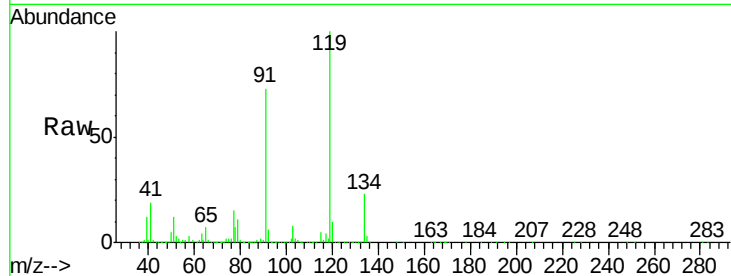
#83
 tert-Butylbenzene
 Concen: 51.147 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 2322880
 Ion Ratio Lower Upper
 119 100
 91 70.3 36.4 109.1
 134 22.5 11.7 35.0

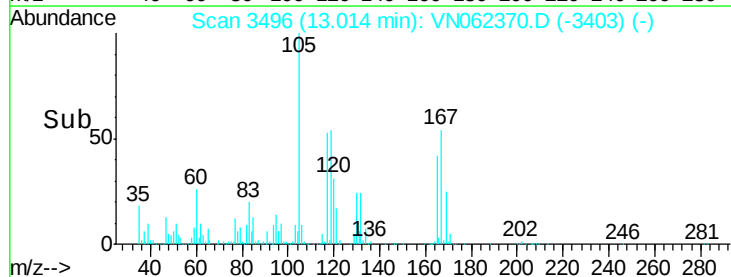
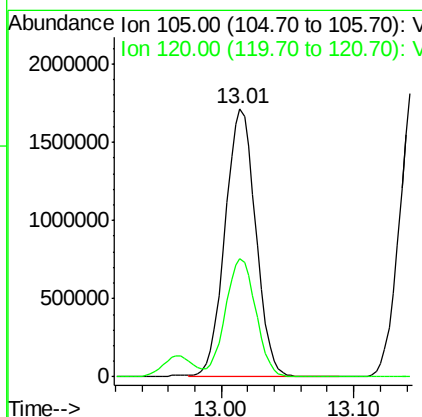
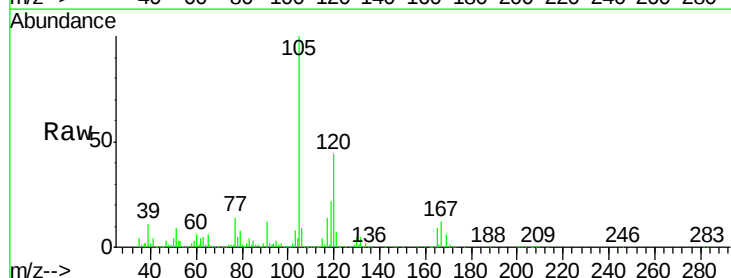
Manual Integrations
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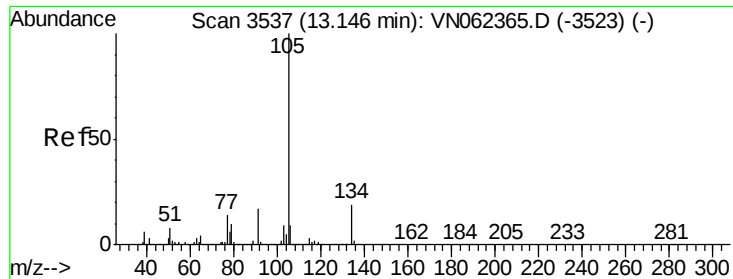
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.834 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion:105 Resp: 2746039
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.919 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 3078583

Ion Ratio Lower Upper

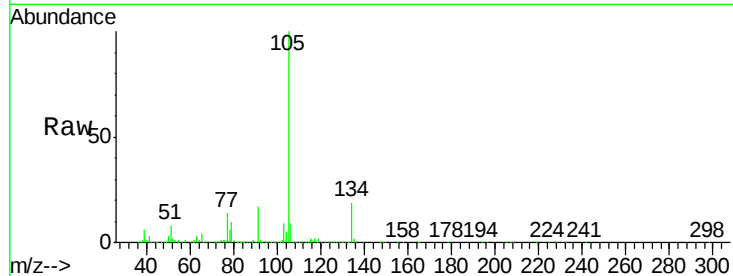
105 100

134 19.1 9.4 28.2

Manual Integrations
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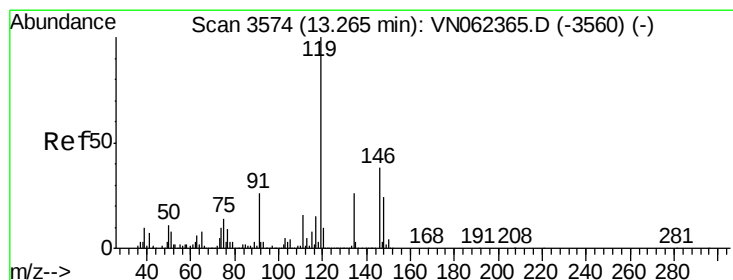
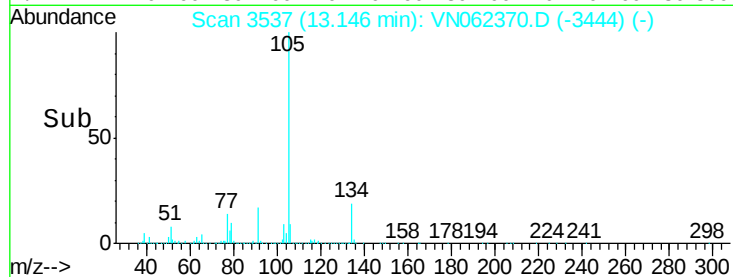
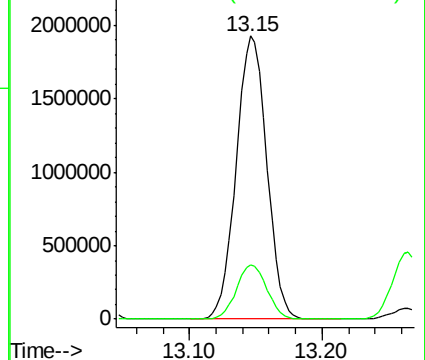
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.034 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

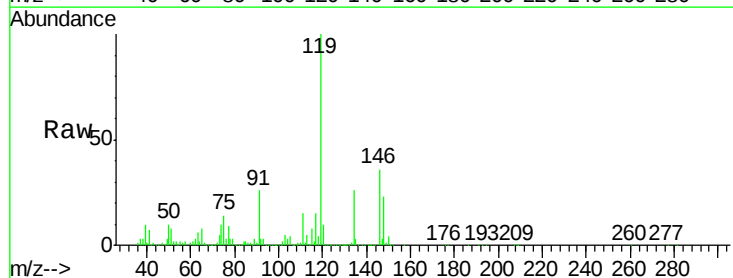
Tgt Ion:119 Resp: 2780629

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

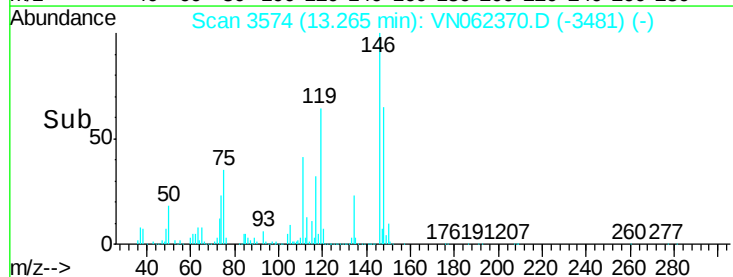
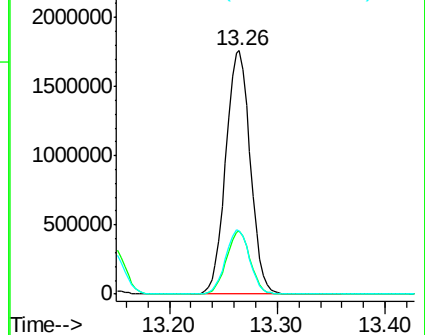
91 25.7 13.1 39.3

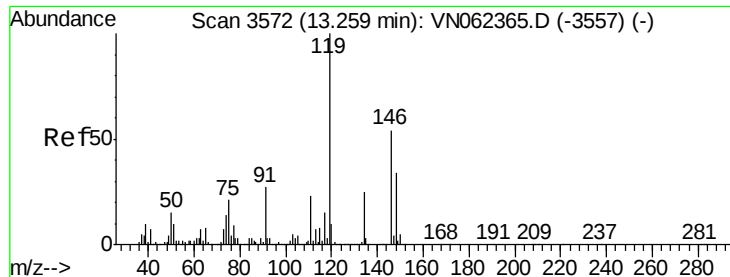


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.428 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:146 Resp: 1366865

Ion Ratio Lower Upper

146 100

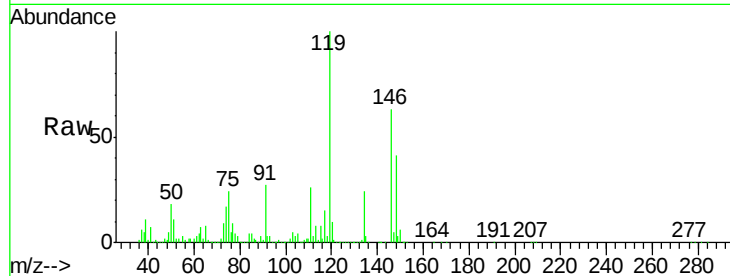
111 41.5 21.3 63.9

148 63.8 31.6 95.0

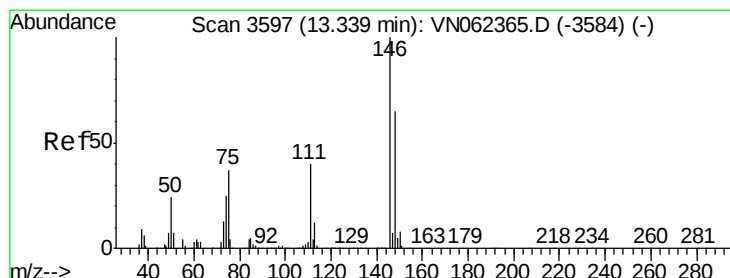
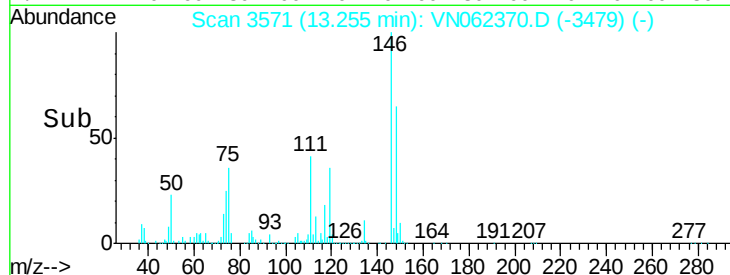
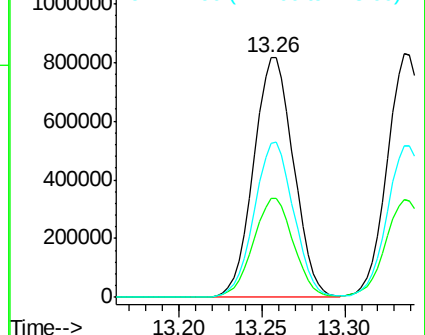
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.897 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN062370.D

Acq: 6 Jul 2020 17:54

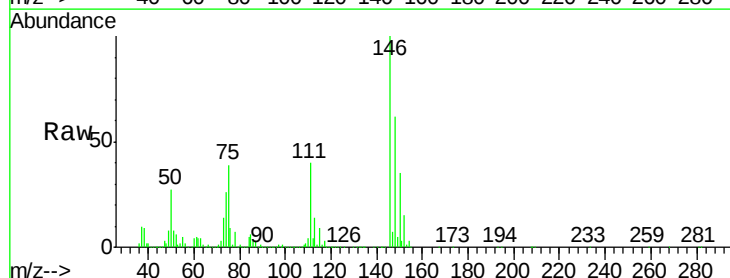
Tgt Ion:146 Resp: 1369651

Ion Ratio Lower Upper

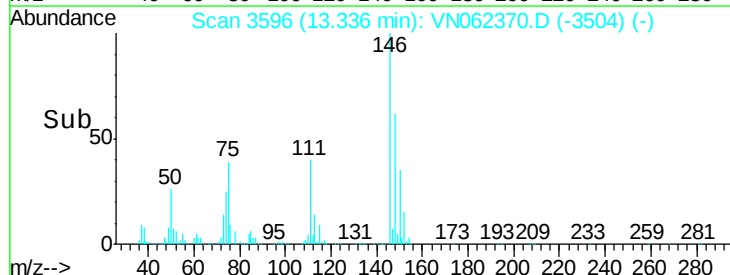
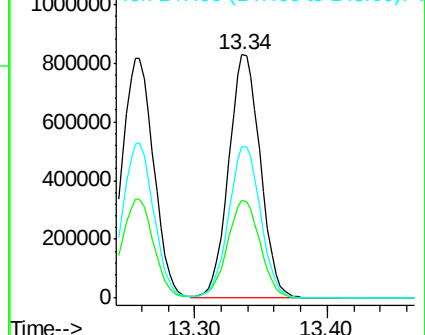
146 100

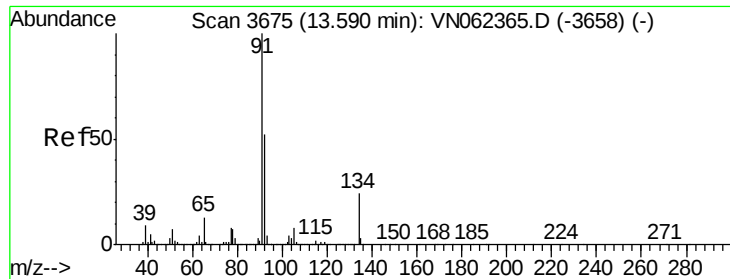
111 41.4 20.6 61.8

148 63.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





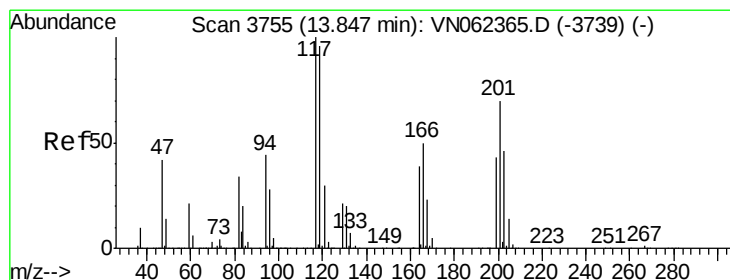
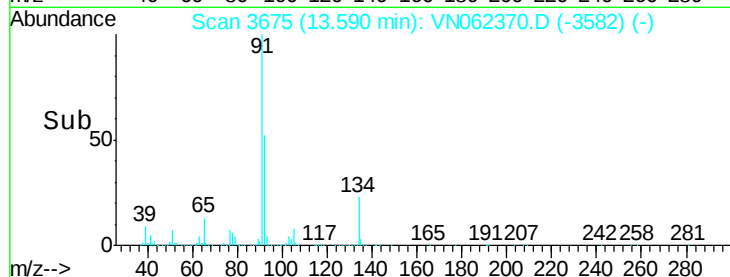
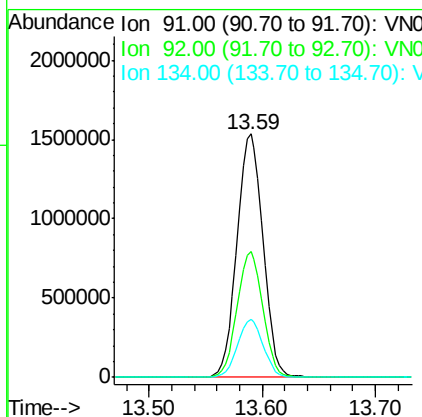
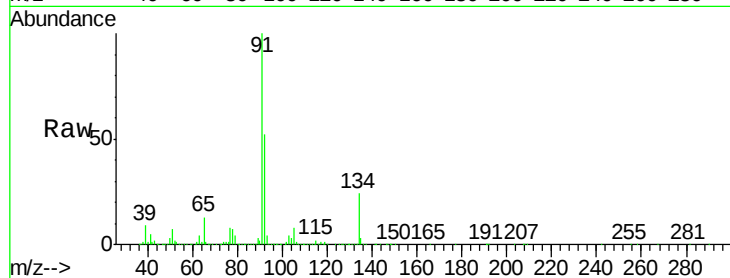
#89
n-Butylbenzene
Concen: 54.483 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.7	77.1
134	23.4	11.7	35.1

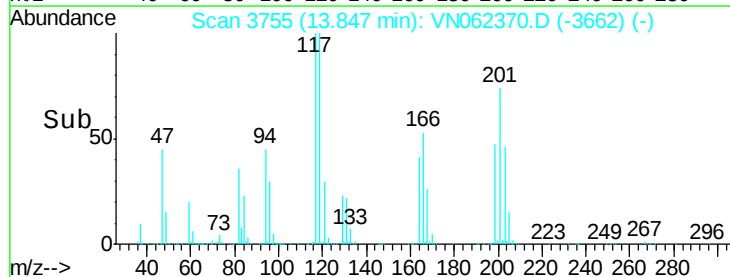
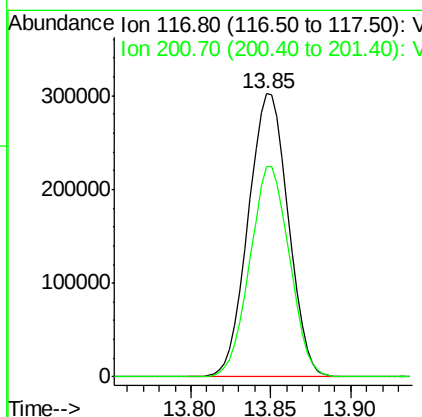
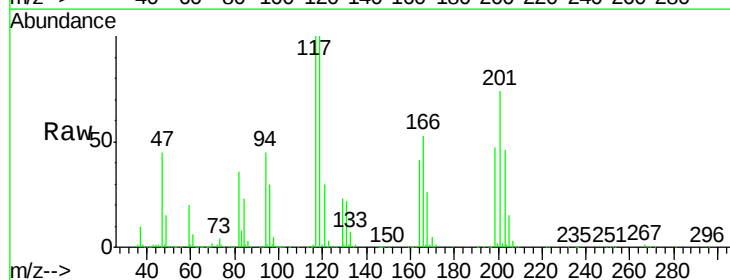
Manual Integrations
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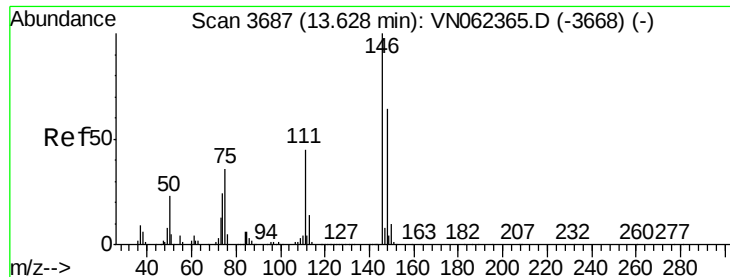
MMDadoda
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#90
Hexachloroethane
Concen: 46.219 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.7	35.4	106.2





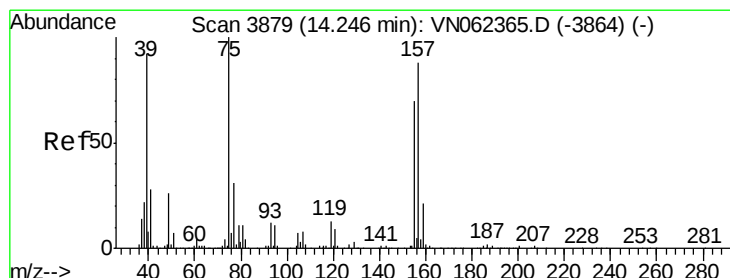
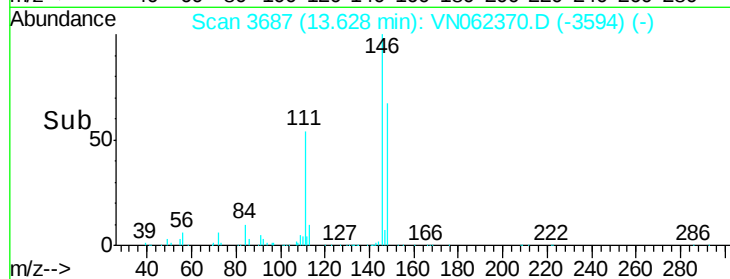
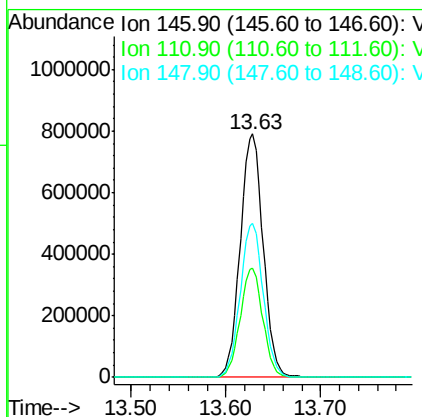
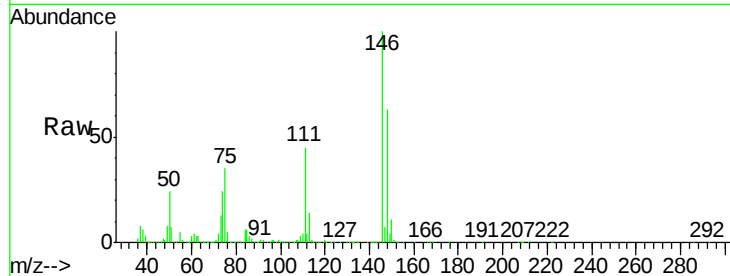
#91
 1,2-Dichlorobenzene
 Concen: 51.320 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1332155
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.3 66.9
 148 63.2 32.4 97.0

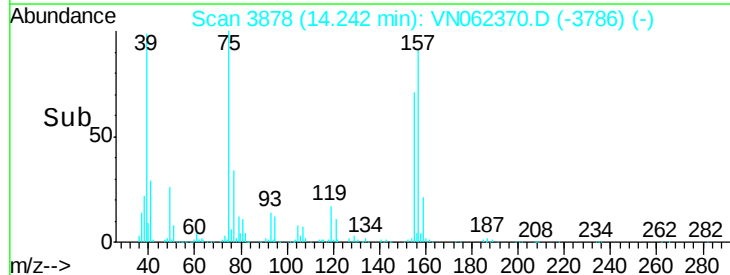
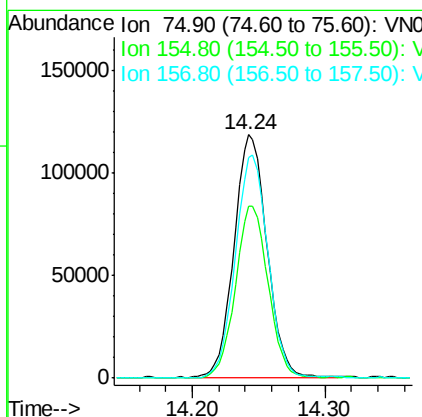
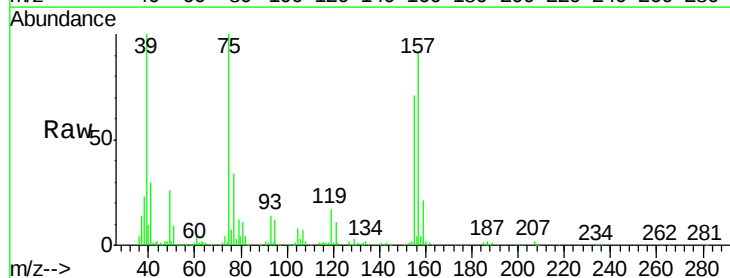
Manual Integrations
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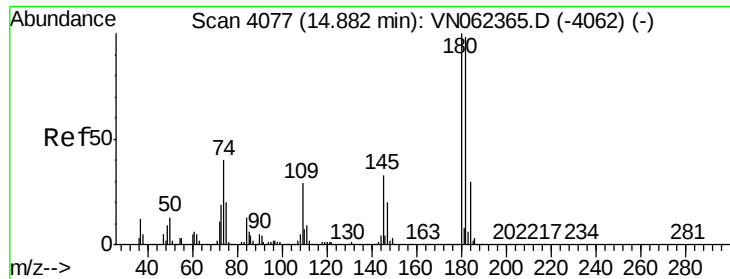
MMDadoda
 7/7/2020 10:08:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.448 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion: 75 Resp: 202868
 Ion Ratio Lower Upper
 75 100
 155 70.6 34.1 102.2
 157 91.5 43.3 129.8





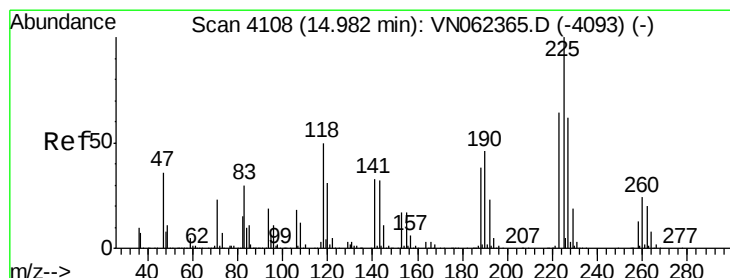
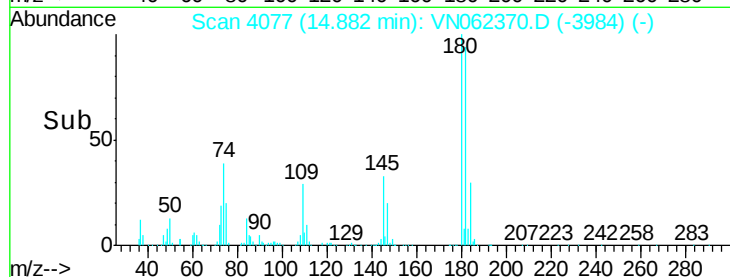
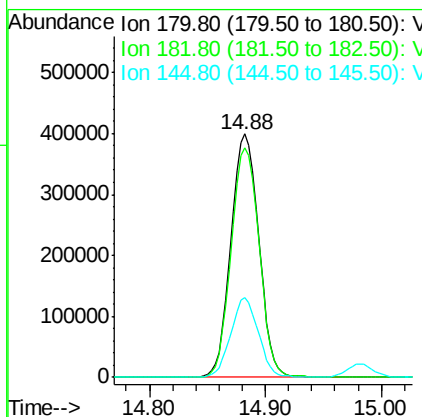
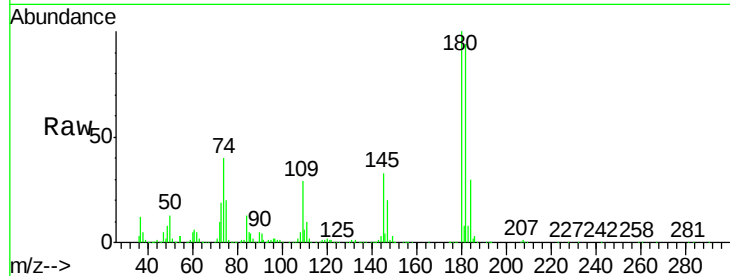
#93
 1,2,4-Trichlorobenzene
 Concen: 48.135 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	662757		
182	94.6	47.6	142.8	
145	32.5	15.9	47.7	

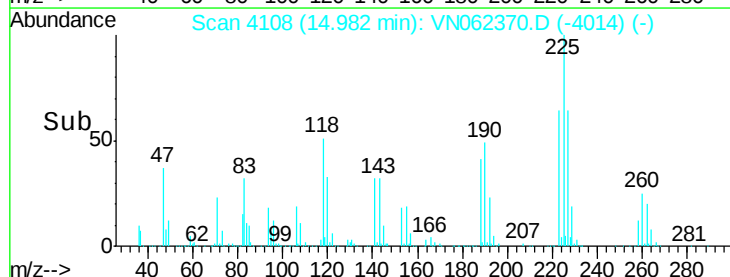
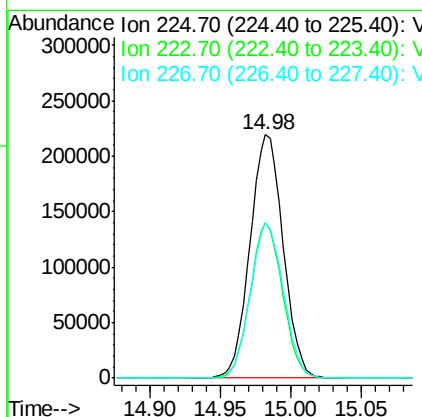
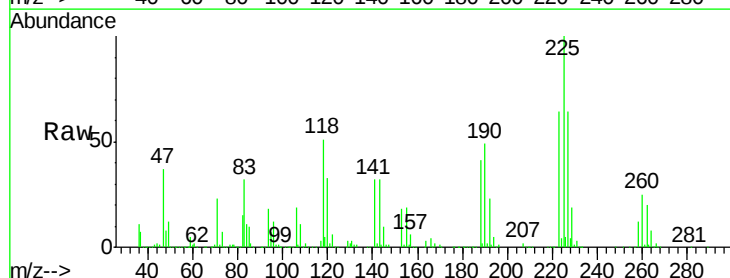
Manual Integrations
 APPROVED

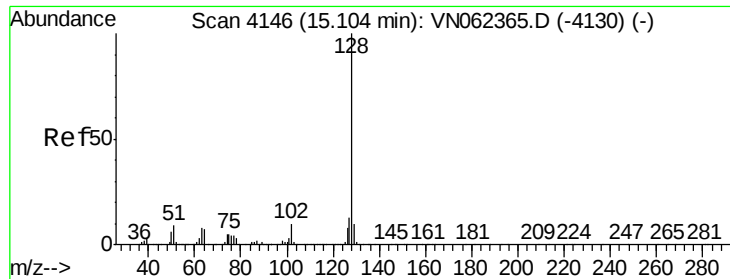
MMDadoda
 7/7/2020 10:08:12 AM



#94
 Hexachlorobutadiene
 Concen: 52.597 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062370.D
 Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	360768		
223	62.5	31.7	95.1	
227	63.2	30.3	90.8	





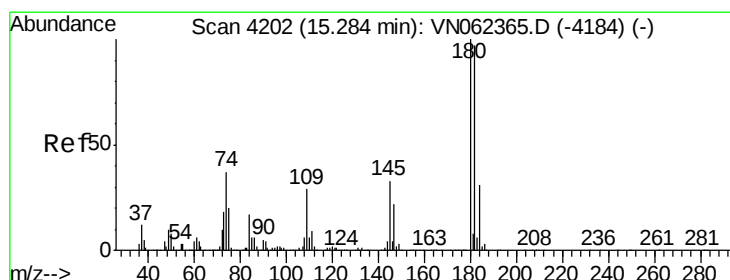
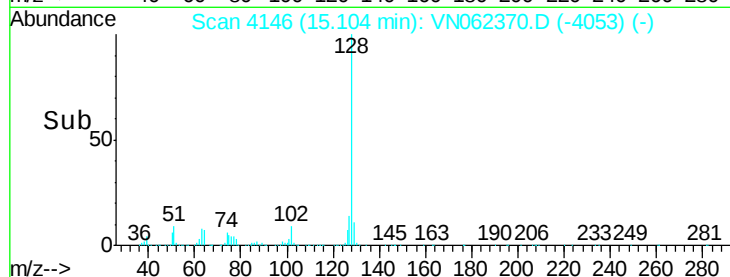
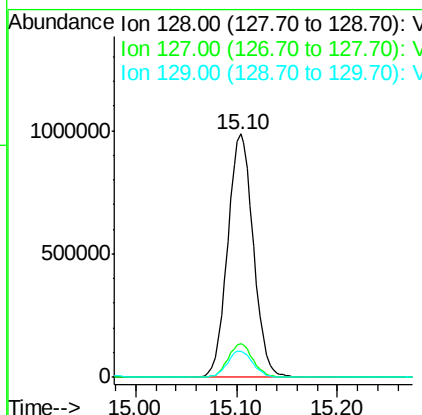
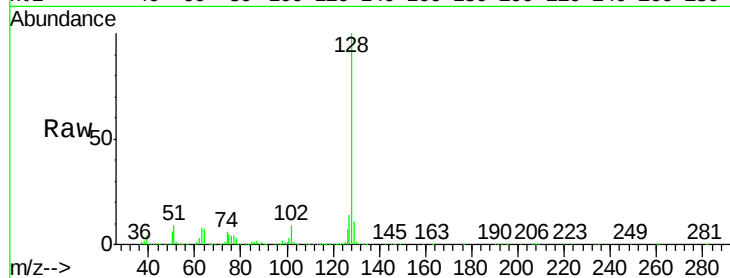
#95
Naphthalene
Concen: 47.781 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 52.374 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062370.D
Acq: 6 Jul 2020 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	33.2	16.4	49.2

