

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062510.D
 Acq On : 13 Jul 2020 10:48
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:44 AM

Quant Time: Jul 14 00:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 13 10:35:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45803	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	263567	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	242958	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	119068	38.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	128.77%
60) 4-Bromofluorobenzene	12.37	95	125263	33.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	113.23%
63) Toluene-d8	10.06	98	339412	32.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	255457	123.503	ug/l 98
3) Chloromethane	2.04	50	359173	139.237	ug/l 99
4) Vinyl Chloride	2.16	62	316398	98.230	ug/l 98
5) Bromomethane	2.51	94	156666m	79.277	ug/l
6) Chloroethane	2.66	64	157011	73.884	ug/l 97
7) Trichlorofluoromethane	2.98	101	374300	84.216	ug/l 99
8) Diethyl Ether	3.37	74	180048	115.999	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	238528	98.395	ug/l 99
10) 1,1-Dichloroethene	3.69	96	243924	101.447	ug/l 98
11) Methyl Iodide	3.91	142	328917	103.422	ug/l 98
12) Methyl Acetate	4.27	43	331554	150.672	ug/l 98
13) Acrolein	3.56	56	275908	886.431	ug/l 99
14) Acrylonitrile	4.93	53	788763	716.591	ug/l 99
15) Acetone	3.77	58	223453	641.943	ug/l 99
16) Carbon Disulfide	4.01	76	797079	147.406	ug/l 99
17) Allyl chloride	4.27	41	496264	151.185	ug/l 99
18) Methylene Chloride	4.50	84	294308	104.404	ug/l 99
19) trans-1,2-Dichloroethene	4.99	96	269318	100.935	ug/l 95
20) Diisopropyl ether	5.90	45	1067803	143.101	ug/l 94
21) 1,1-Dichloroethane	5.80	63	565666	122.305	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	306464	97.993	ug/l 99
23) tert-Butyl Alcohol	4.73	59	264692	639.079	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	915577	114.799	ug/l 99
25) Chloroform	7.33	83	518123	103.830	ug/l 97
26) Cyclohexane	7.61	56	511550	139.850	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	415765	110.553	ug/l 99
30) 2-Butanone	6.78	43	1096769	728.237	ug/l 99
31) 2,2-Dichloropropane	6.77	77	459172	104.380	ug/l # 72
32) 1,1,1-Trichloroethane	7.53	97	441573	94.962	ug/l 99
33) Carbon Tetrachloride	7.73	117	385787	100.215	ug/l 98
34) Benzene	8.00	78	1220681	104.830	ug/l # 90
35) Methacrylonitrile	7.12	41	211634	158.979	ug/l 98
36) 1,2-Dichloroethane	8.09	62	435404	112.536	ug/l 100
37) Trichloroethene	8.80	130	277757	81.573	ug/l 98
38) Methylcyclohexane	9.05	83	474361	113.040	ug/l 99
39) 1,2-Dichloropropane	9.08	63	347140	118.723	ug/l 100
40) Dibromomethane	9.18	93	199060	96.664	ug/l 98

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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	428695	101.716	ug/l	98
42) Vinyl Acetate	5.84	43	4591021	749.862	ug/l	99
43) Ethyl Acetate	6.88	43	449582	148.215	ug/l	96
44) Isopropyl Acetate	8.12	43	753422	142.791	ug/l	98
45) 1,4-Dioxane	9.17	88	105399	2131.814	ug/l	98
46) Methyl methacrylate	9.17	41	365096	153.707	ug/l	97
47) n-amyl Acetate	12.04	43	678326	151.315	ug/l	95
48) t-1,3-Dichloropropene	10.35	75	513553	113.789	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	549271	111.918	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	278250	93.195	ug/l	97
51) Ethyl methacrylate	10.40	69	495741	120.635	ug/l	97
52) 1,3-Dichloropropane	10.68	76	518192	105.837	ug/l	100
53) Dibromochloromethane	10.87	129	316356	91.455	ug/l	98
54) 1,2-Dibromoethane	10.98	107	292138	94.693	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	842306	556.442	ug/l	100
56) Bromoform	12.10	173	219617	90.839	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	2228377	733.420	ug/l	99
59) 2-Hexanone	10.72	43	1651779	744.684	ug/l	99
61) Tetrachloroethene	10.60	164	226843	64.506	ug/l	94
62) Toluene	10.12	91	1264716	99.347	ug/l	99
64) Chlorobenzene	11.41	112	750333	93.686	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	278170	91.210	ug/l	99
66) Ethyl Benzene	11.48	91	1430528	102.396	ug/l	99
67) m/p-Xylenes	11.59	106	1046188	192.410	ug/l	98
68) o-Xylene	11.92	106	500998	97.220	ug/l	98
69) Styrene	11.94	104	863463	98.482	ug/l	99
70) Isopropylbenzene	12.22	105	1342414	98.131	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	436520	114.679	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	418228m	117.698	ug/l	
73) Bromobenzene	12.50	156	310595	86.505	ug/l	98
74) n-propylbenzene	12.56	91	1623487	104.427	ug/l	99
75) 2-Chlorotoluene	12.65	91	961782	103.898	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	1157397	101.482	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	168169	128.454	ug/l	95
78) 4-Chlorotoluene	12.75	91	999978	104.376	ug/l	100
79) tert-butylbenzene	12.97	119	939305	95.459	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	1153982	100.873	ug/l	99
81) sec-Butylbenzene	13.15	105	1302419	102.426	ug/l	100
82) p-Isopropyltoluene	13.26	119	1163975	99.488	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	560752	88.151	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	559058	89.635	ug/l	98
85) n-Butylbenzene	13.59	91	1040804	107.824	ug/l	98
86) Hexachloroethane	13.85	117	223591	127.849	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	527762	87.361	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	86587	121.510	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	292667	84.887	ug/l	97
90) Hexachlorobutadiene	14.98	225	145004	93.105	ug/l	97
91) Naphthalene	15.10	128	791304	82.821	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	288525	85.157	ug/l	99

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ClientSampleId :
VSTDICC100

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QLast Update : Mon Jul 13 10:35:22 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

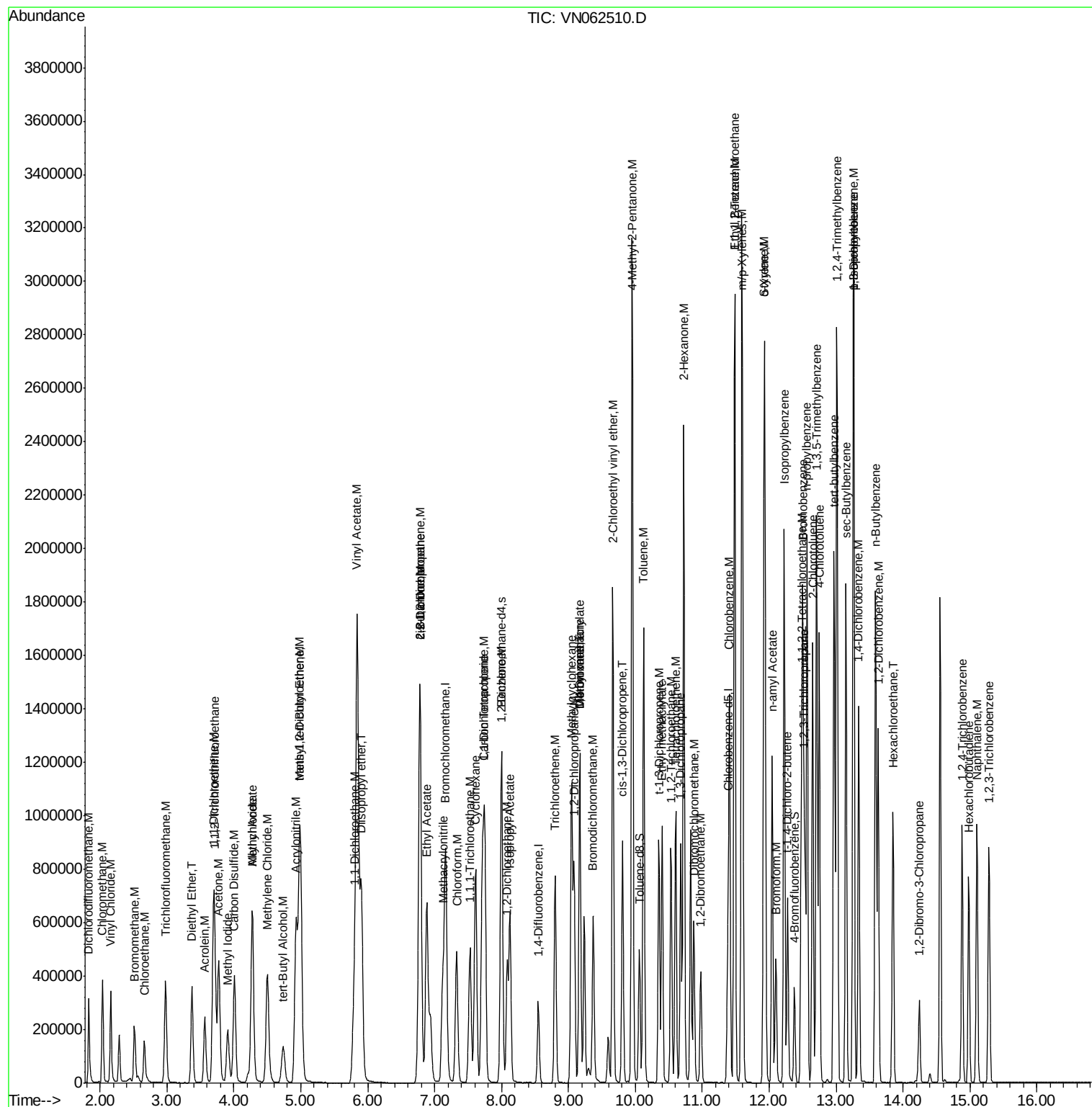
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Data File : VN062510.D
Acq On : 13 Jul 2020 10:48
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

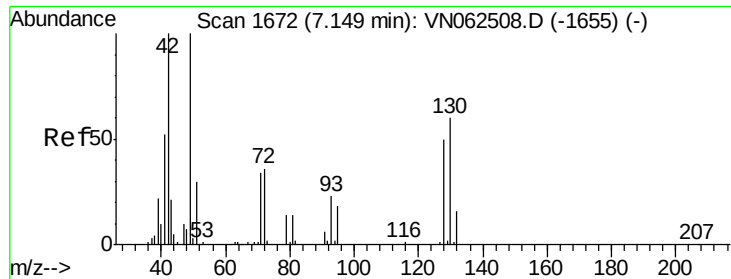
Instrument :
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Client Sample Id :
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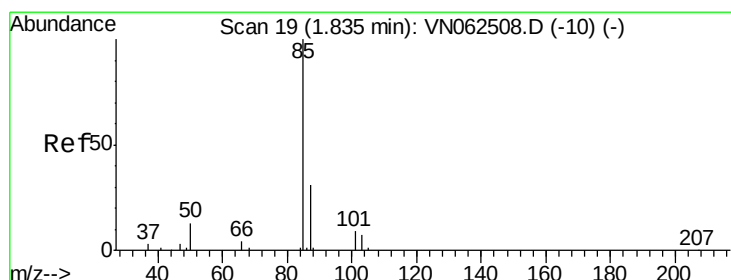
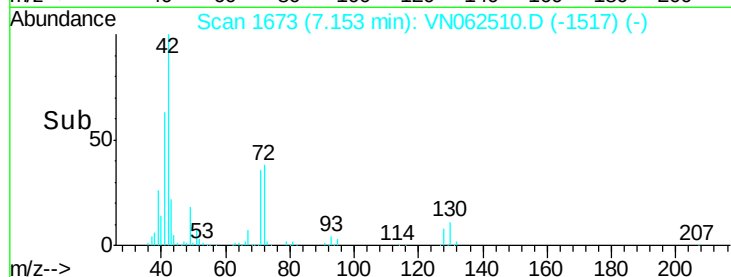
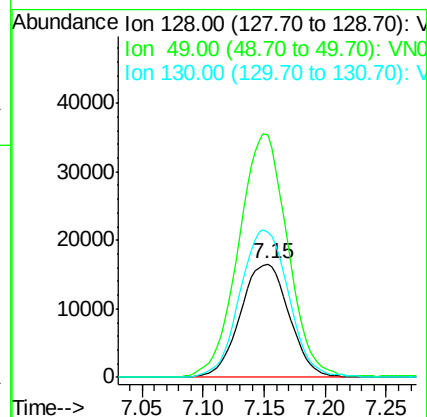
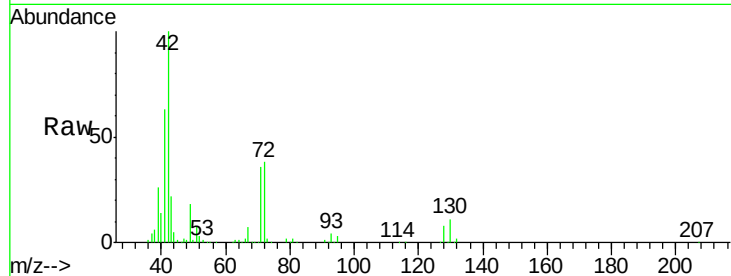
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	216.1	0.0	525.0
130	130.2	0.0	319.8

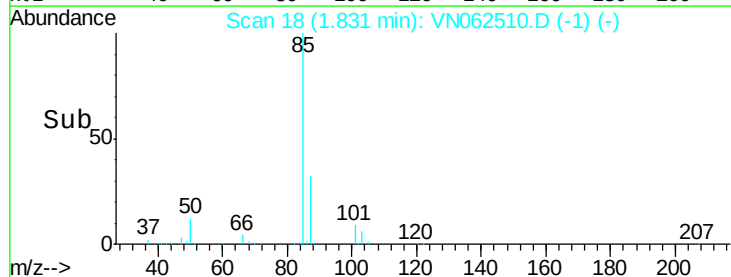
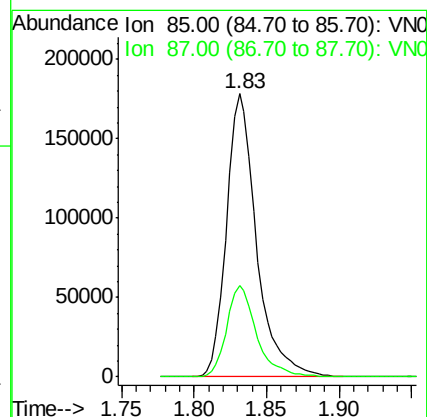
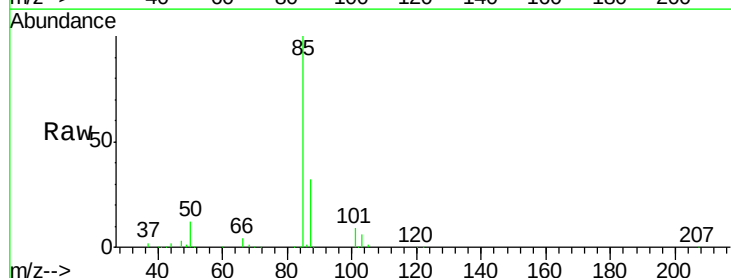
Manual Integrations
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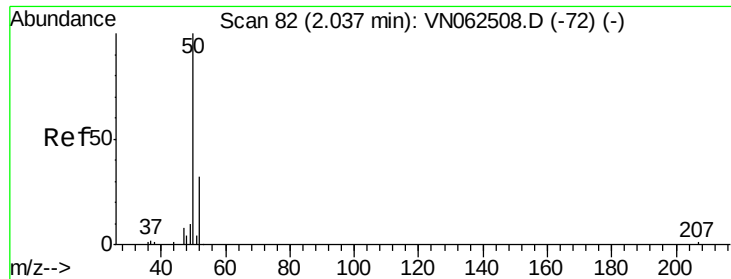
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#2
Dichlorodifluoromethane
Concen: 123.503 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.6	46.7





#3

Chloromethane

Concen: 139.237 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 359173

Ion Ratio Lower Upper

50 100

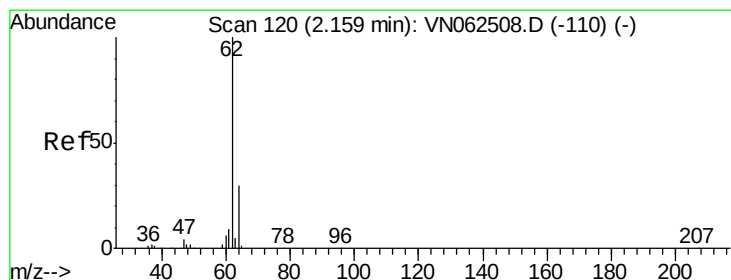
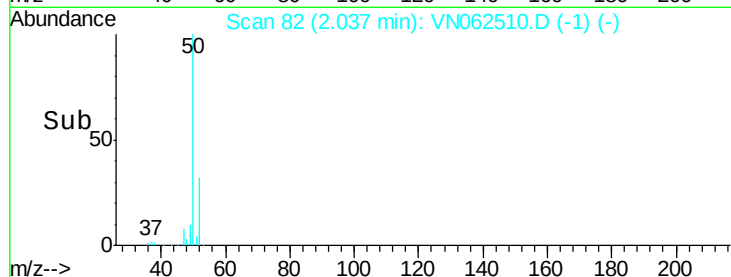
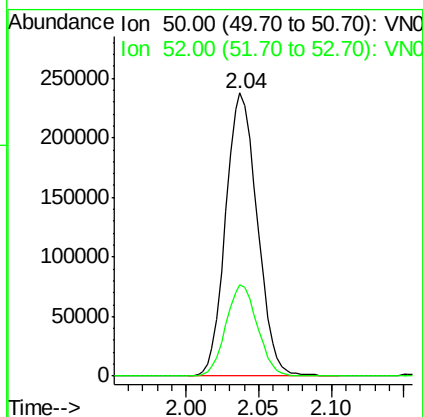
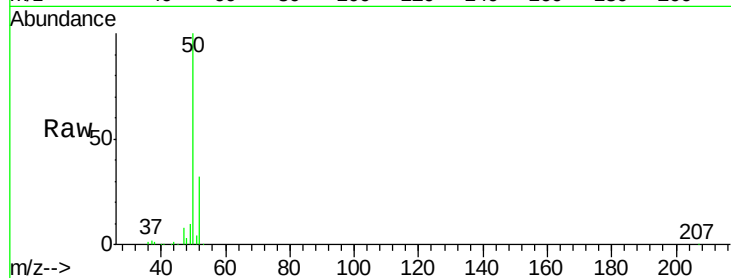
52 32.4 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 98.230 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062510.D

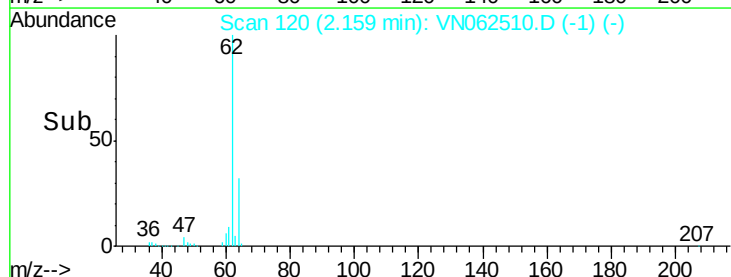
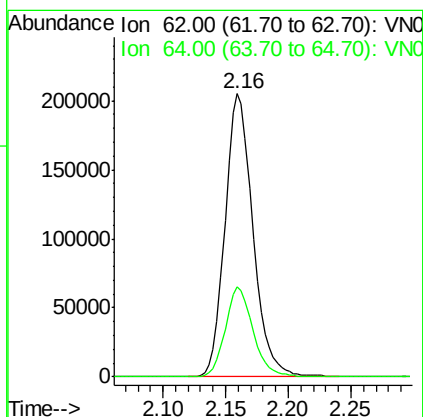
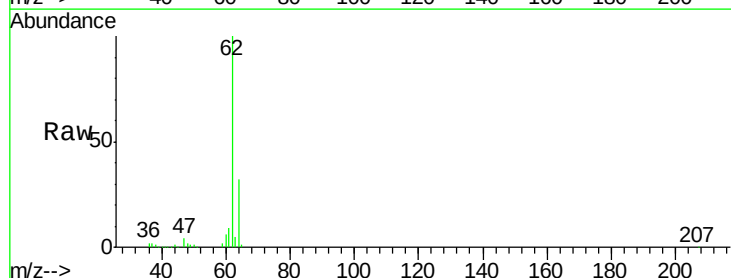
Acq: 13 Jul 2020 10:48

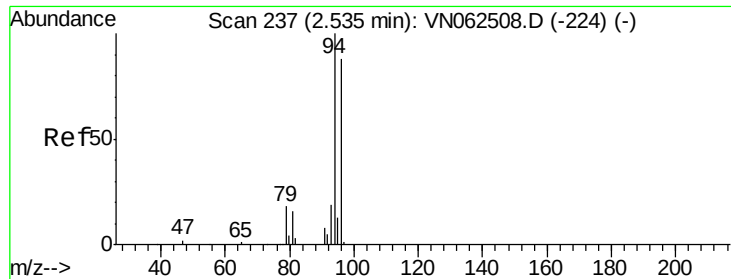
Tgt Ion: 62 Resp: 316398

Ion Ratio Lower Upper

62 100

64 31.6 24.3 36.5





#5

Bromomethane

Concen: 79.277 ug/l m

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 156666

Ion Ratio Lower Upper

94 100

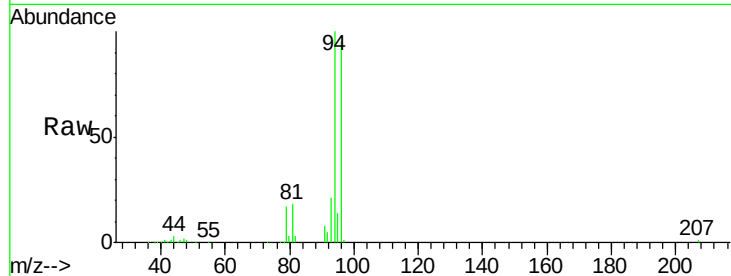
96 94.5 70.2 105.4

Manual Integrations

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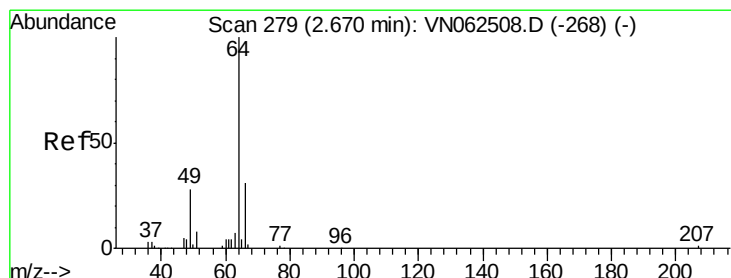
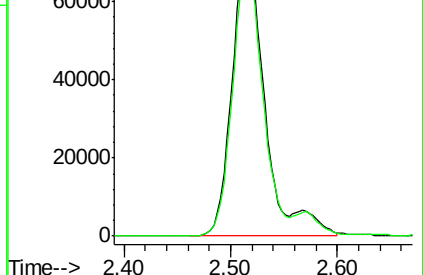
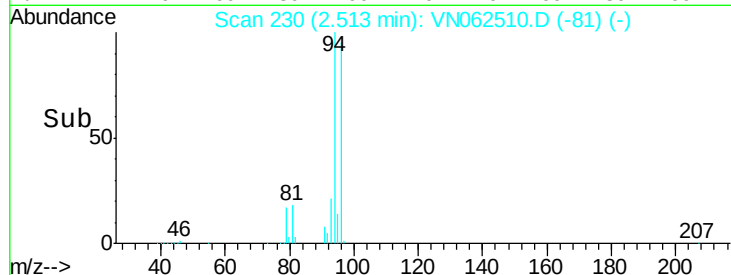


Abundance Ion 94.00 (93.70 to 94.70): VN062510.D (-81) (-)

Ion 96.00 (95.70 to 96.70): VN062510.D (-81) (-)

2.51

Time-->



#6

Chloroethane

Concen: 73.884 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN062510.D

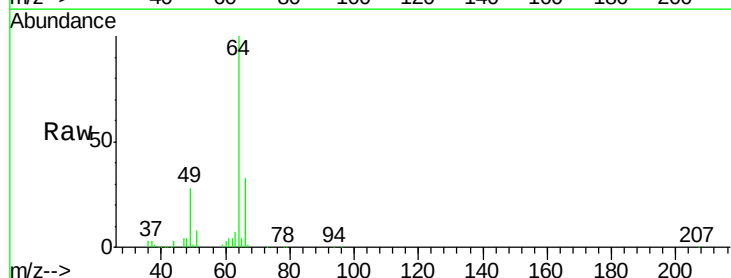
Acq: 13 Jul 2020 10:48

Tgt Ion: 64 Resp: 157011

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3

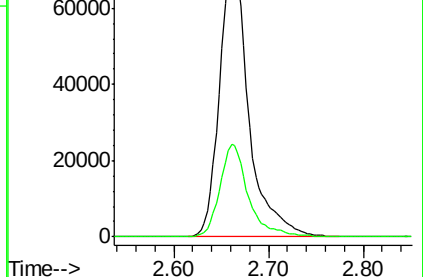
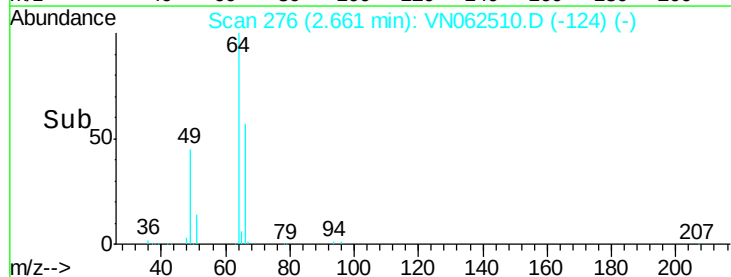


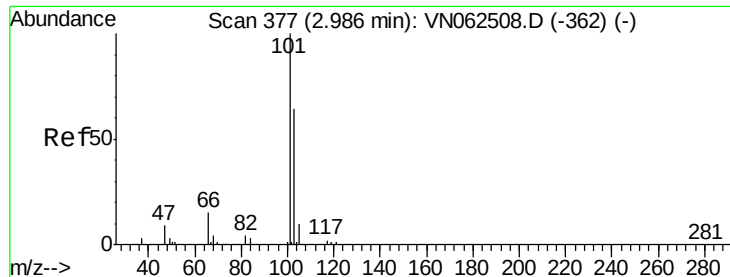
Abundance Ion 64.00 (63.70 to 64.70): VN062510.D (-124) (-)

Ion 66.00 (65.70 to 66.70): VN062510.D (-124) (-)

2.66

Time-->





#7

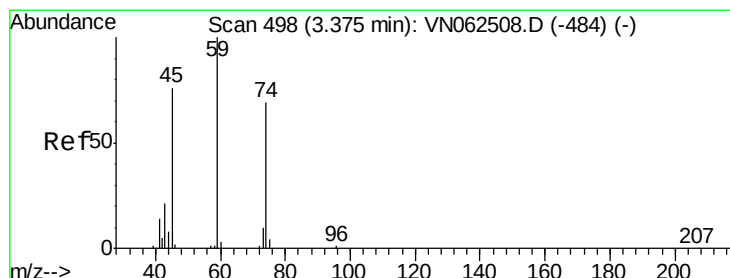
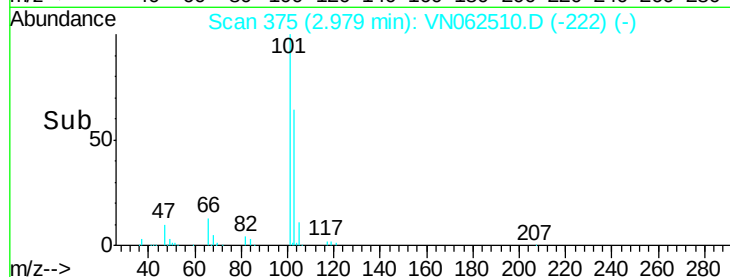
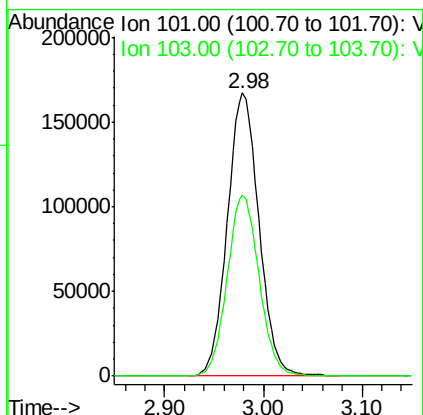
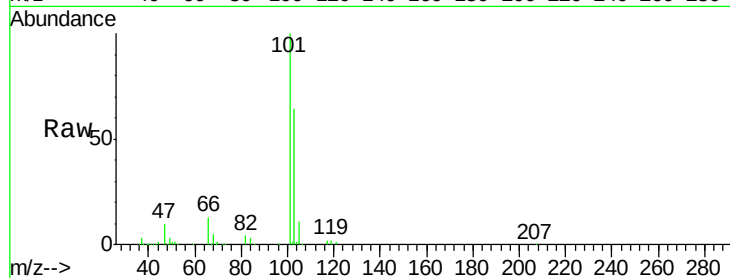
Trichlorofluoromethane
 Concen: 84.216 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.9	76.3

Manual Integrations
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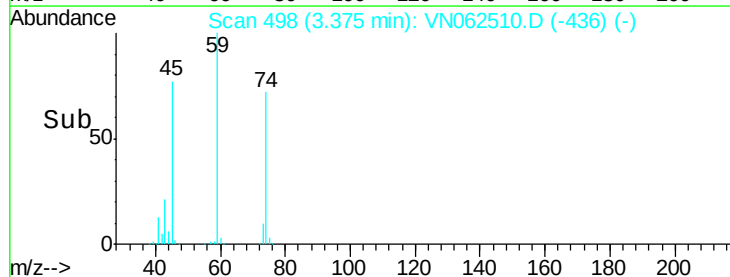
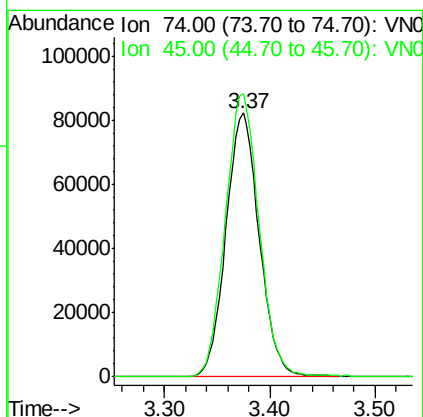
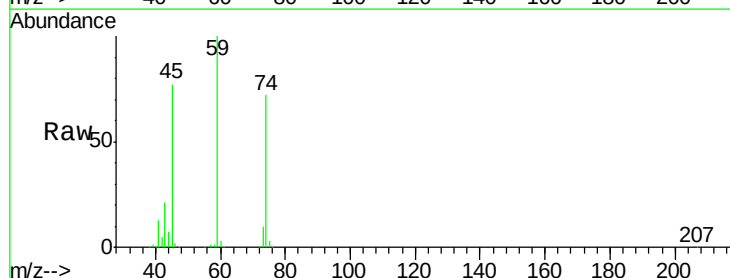
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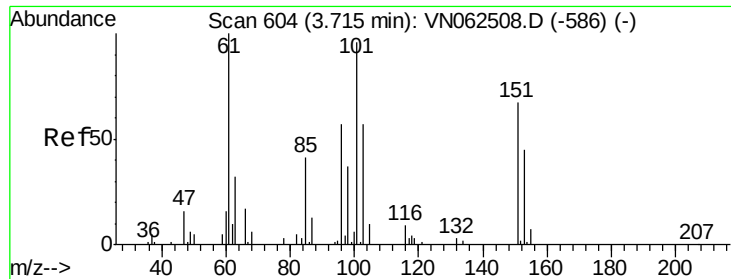


#8

Diethyl Ether
 Concen: 115.999 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	21.8	196.6





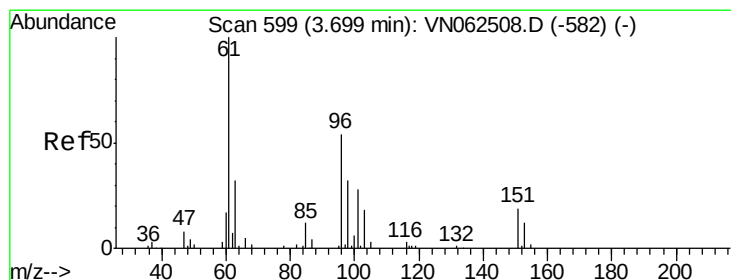
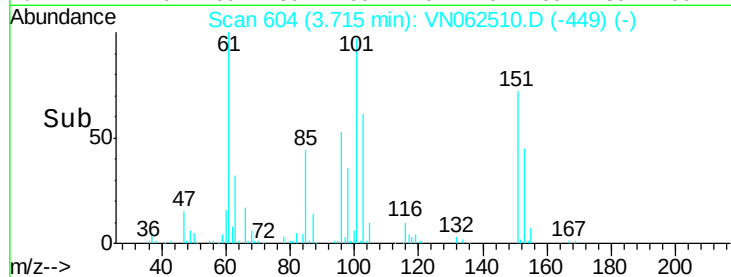
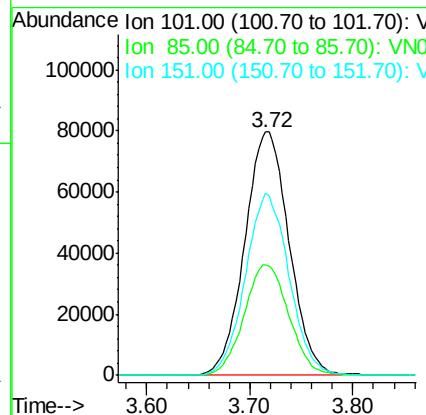
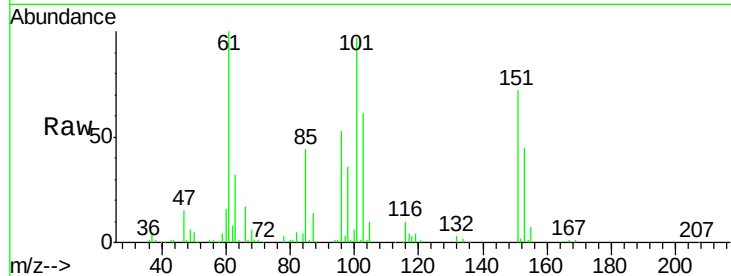
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 98.395 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	238528		
85	45.7	0.0	90.4	
151	73.4	0.0	145.6	

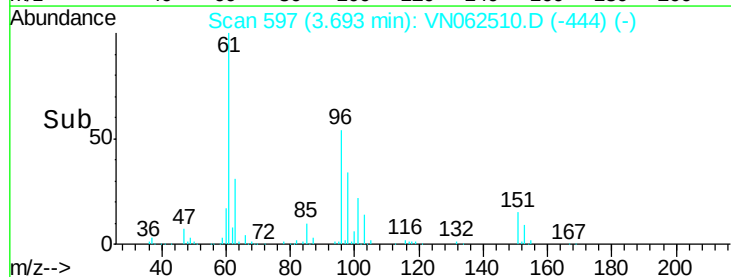
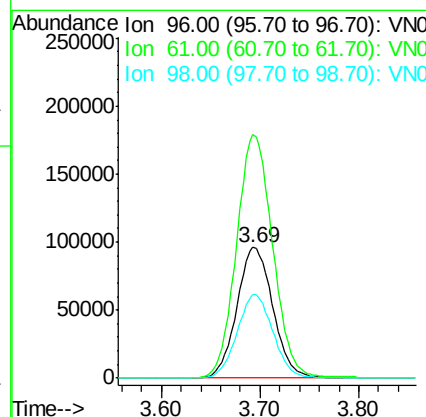
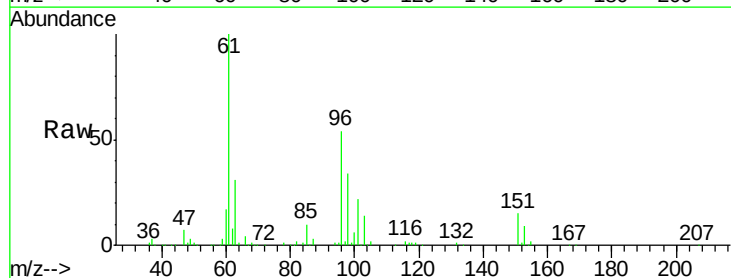
Manual Integrations
 APPROVED

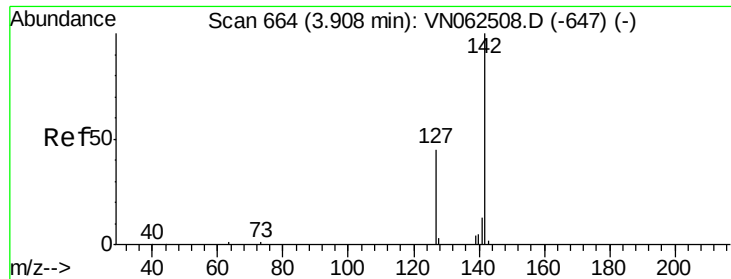
MMDadoda
 7/14/2020 11:36:44 AM



#10
 1,1-Dichloroethene
 Concen: 101.447 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	243924		
61	186.0	147.8	221.8	
98	63.6	47.8	71.8	





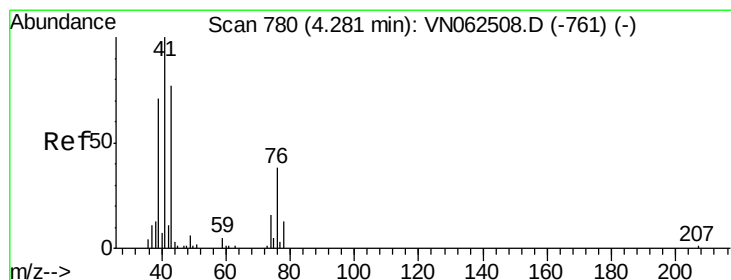
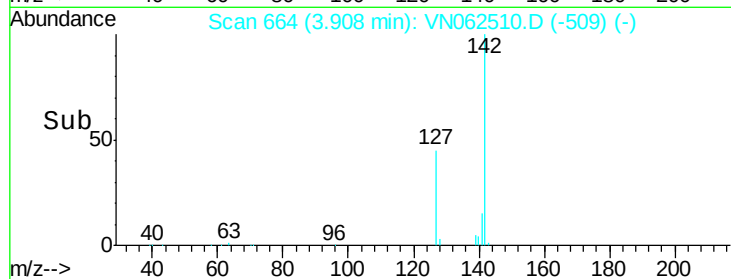
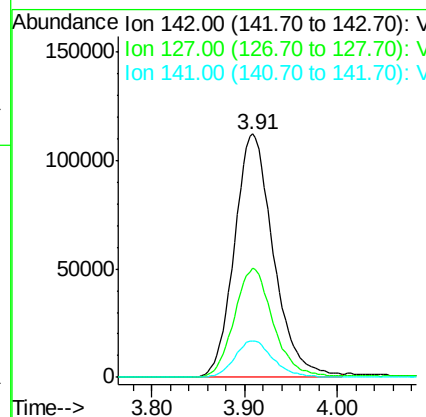
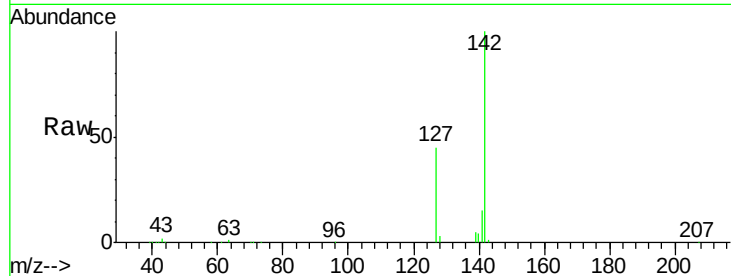
#11
Methvl Iodide
Concen: 103.422 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	22.1	66.5
141	15.1	6.5	19.4

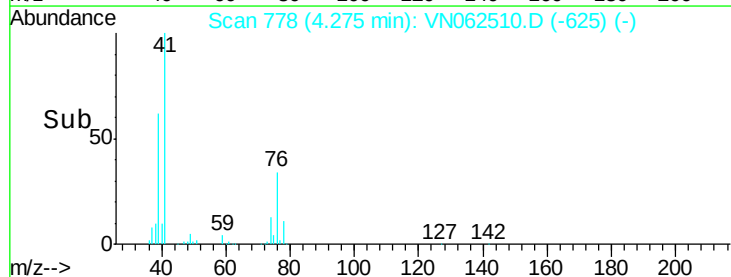
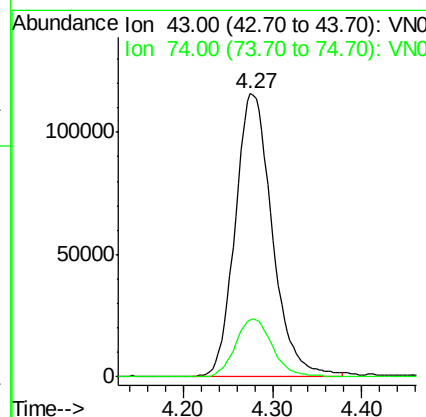
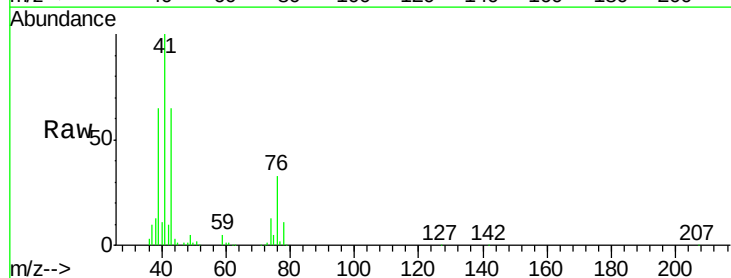
Manual Integrations
APPROVED

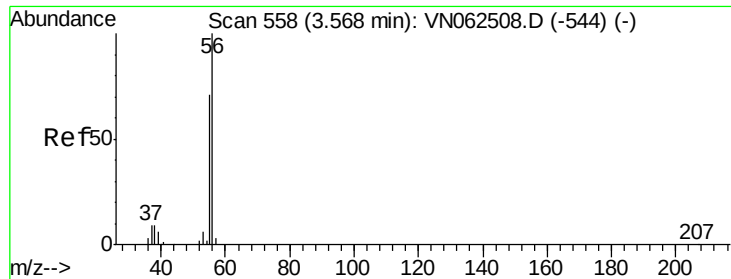
MMDadoda
7/14/2020 11:36:44 AM



#12
Methyl Acetate
Concen: 150.672 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.7	25.1





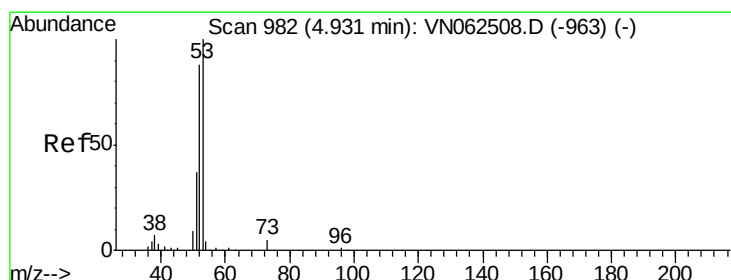
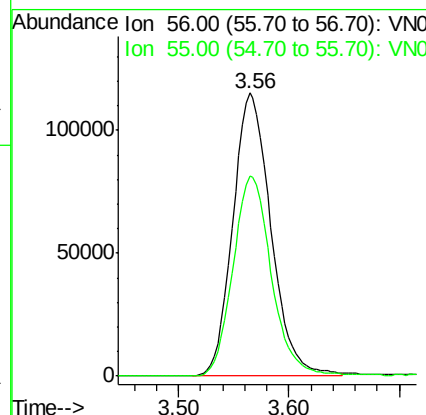
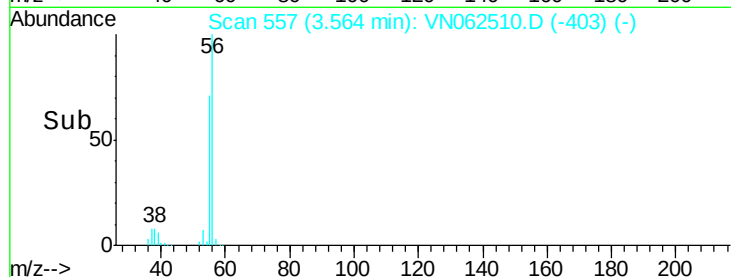
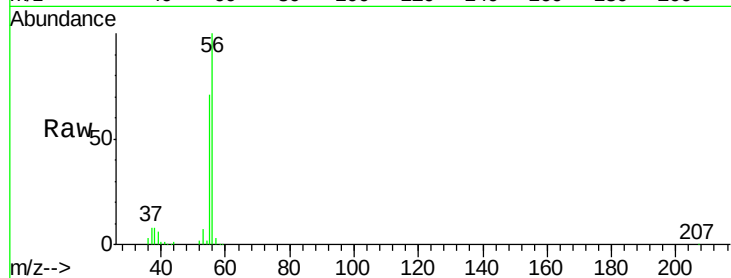
#13
Acrolein
Concen: 886.431 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.0	84.0

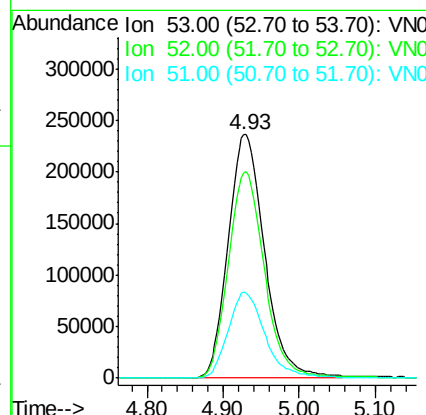
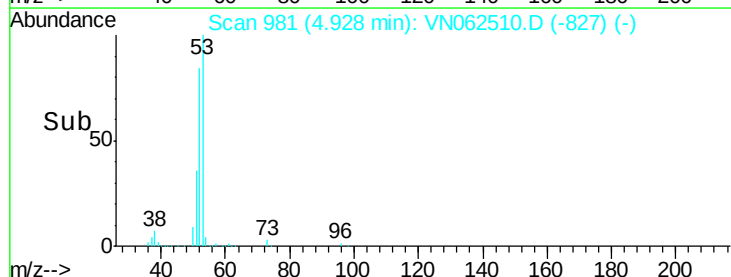
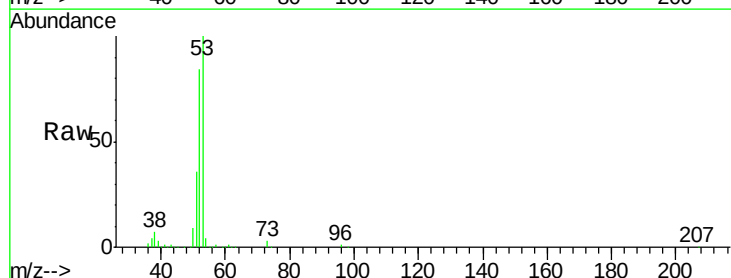
Manual Integrations
APPROVED

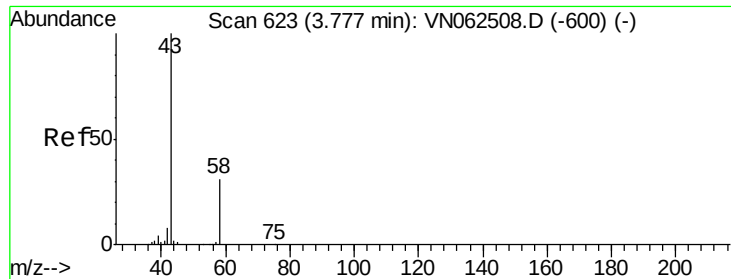
MMDadoda
7/14/2020 11:36:44 AM



#14
Acrylonitrile
Concen: 716.591 ug/l
RT: 4.93 min Scan# 981
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.4	41.8	125.4
51	35.7	18.5	55.5





#15

Acetone

Concen: 641.943 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 223453

Ion Ratio Lower Upper

58 100

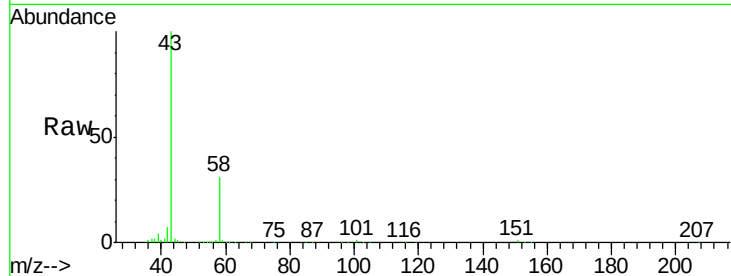
43 325.1 261.1 391.7

Manual Integrations

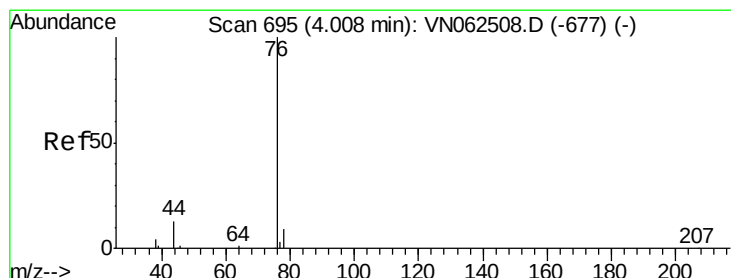
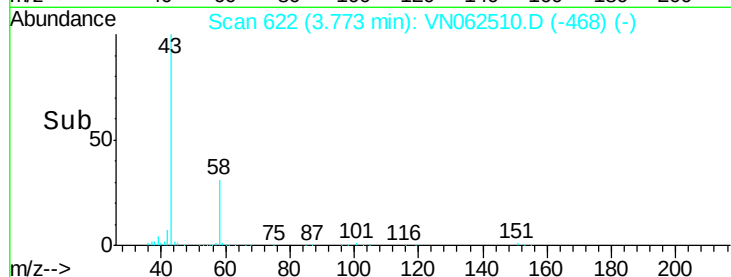
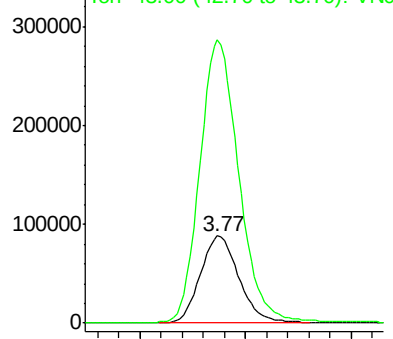
APPROVED

MMDadoda

7/14/2020 11:36:44 AM



Abundance Ion 58.00 (57.70 to 58.70): VN062510.D (-468) (-)



#16

Carbon Disulfide

Concen: 147.406 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062510.D

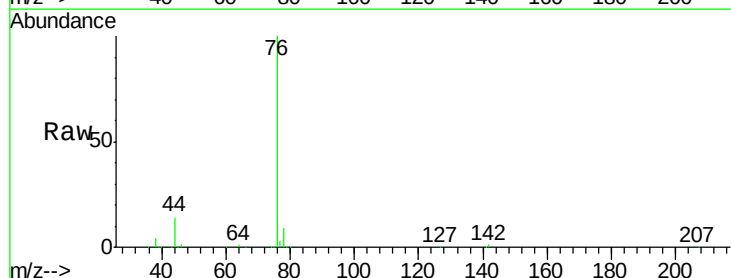
Acq: 13 Jul 2020 10:48

Tgt Ion: 76 Resp: 797079

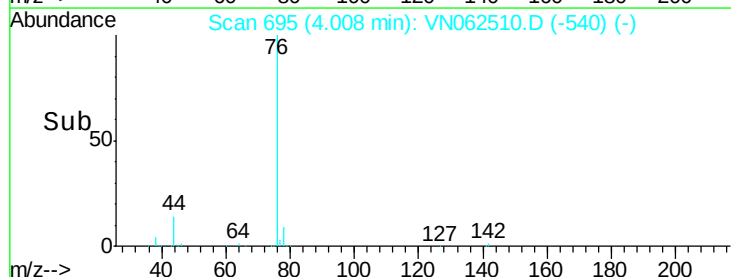
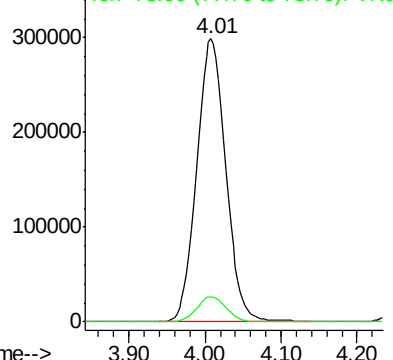
Ion Ratio Lower Upper

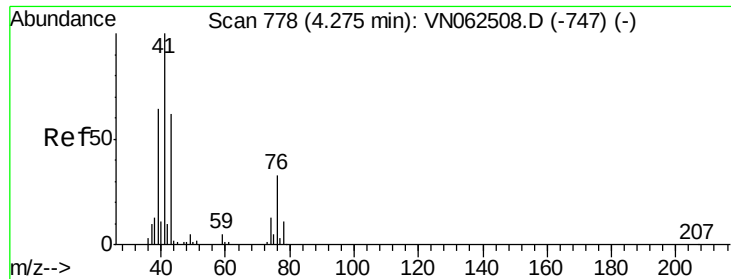
76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN062510.D (-540) (-)





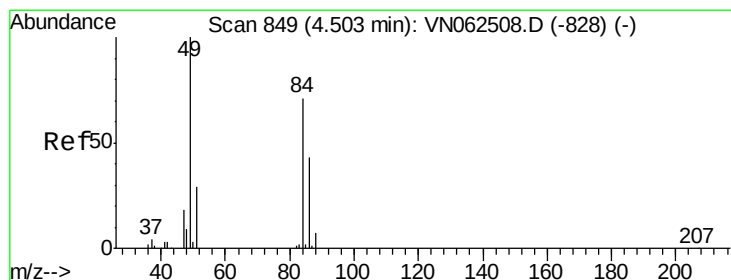
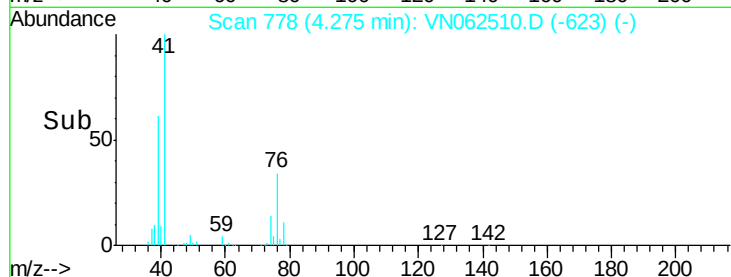
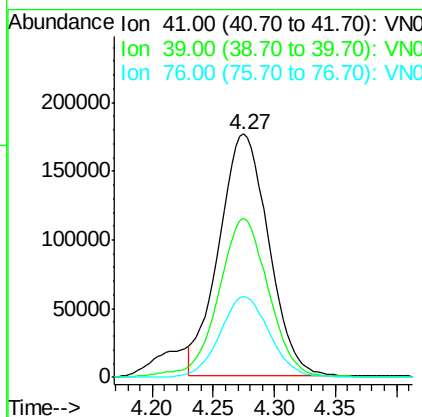
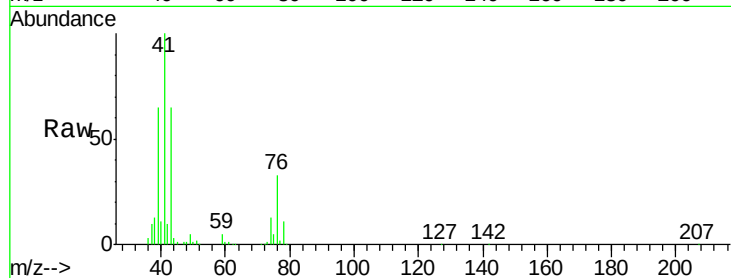
#17
Allvl chloride
Concen: 151.185 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	496264
Ion Ratio	Lower	Upper	
41	100		
39	65.2	31.9	95.5
76	33.2	16.6	49.8

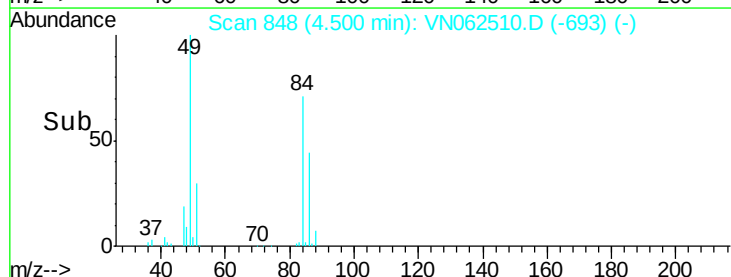
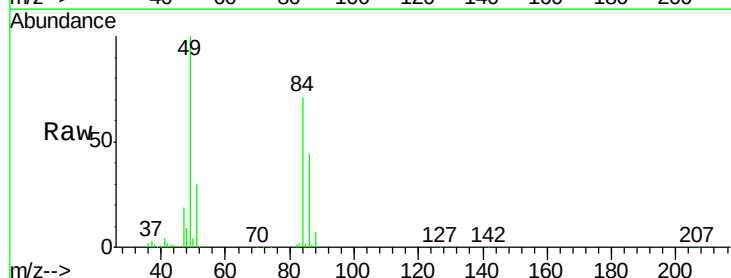
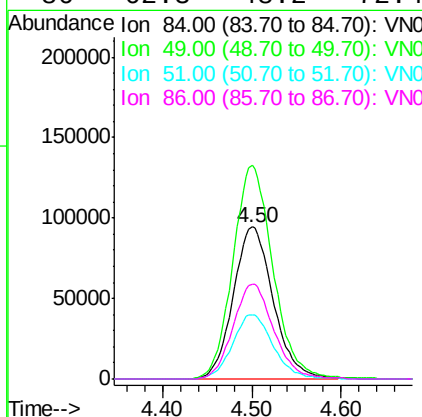
Manual Integrations
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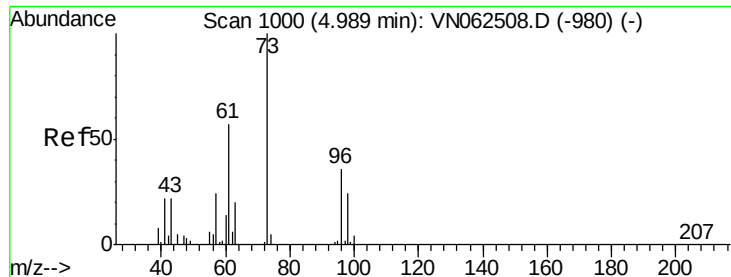
MMDadoda
7/14/2020 11:36:44 AM



#18
Methylene Chloride
Concen: 104.404 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:	84	Resp:	294308
Ion Ratio	Lower	Upper	
84	100		
49	140.0	112.1	168.1
51	42.3	33.0	49.4
86	62.3	48.2	72.4





#19

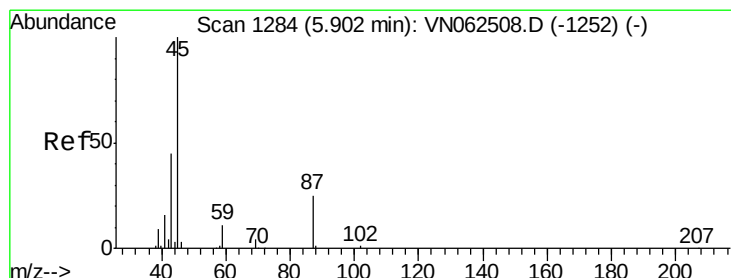
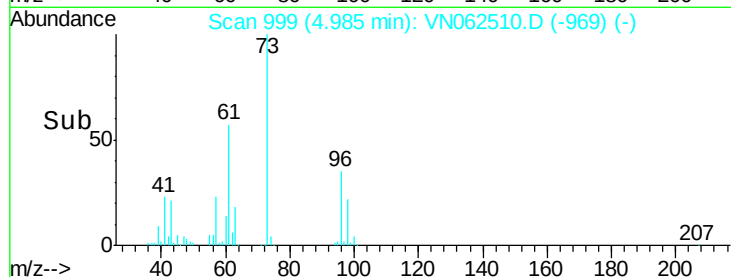
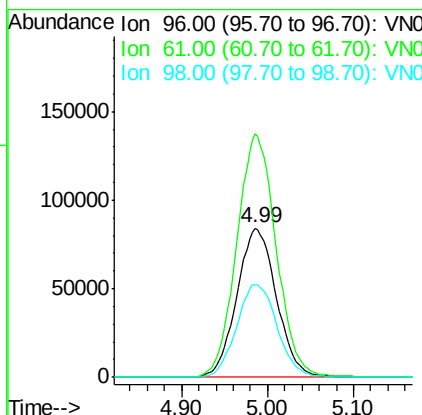
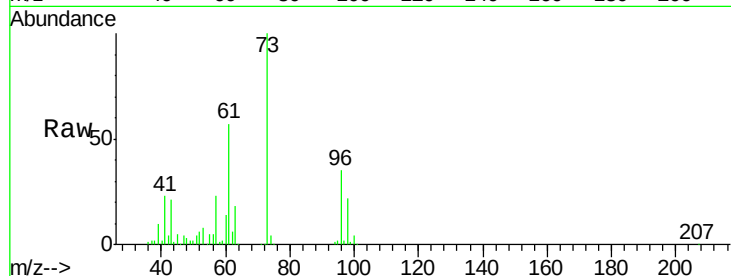
trans-1,2-Dichloroethene
Concen: 100.935 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.5	125.7	188.5
98	62.5	54.1	81.1

Manual Integrations
APPROVED

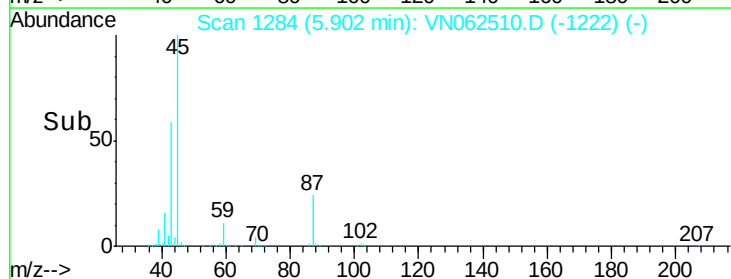
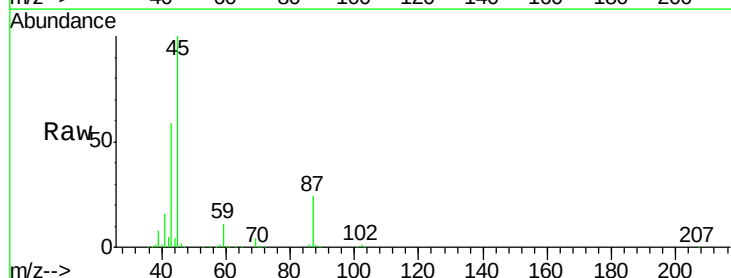
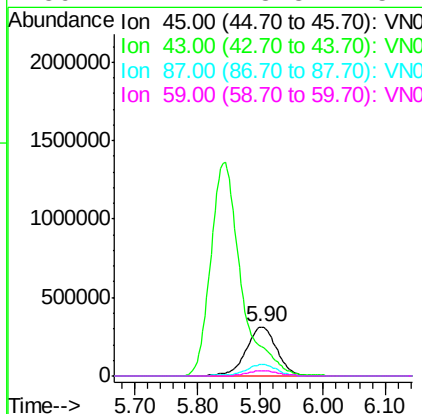
MMDadoda
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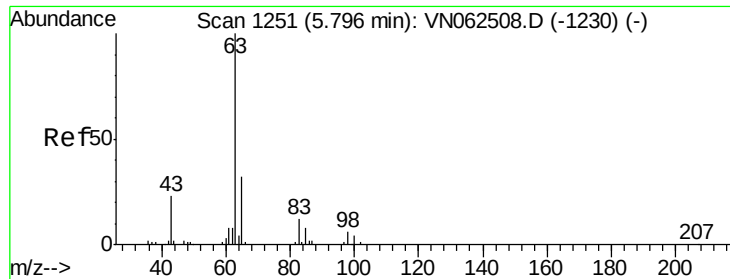


#20

Diisopropyl ether
Concen: 143.101 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	51.3	76.9
87	23.6	19.8	29.6
59	11.1	8.8	13.2





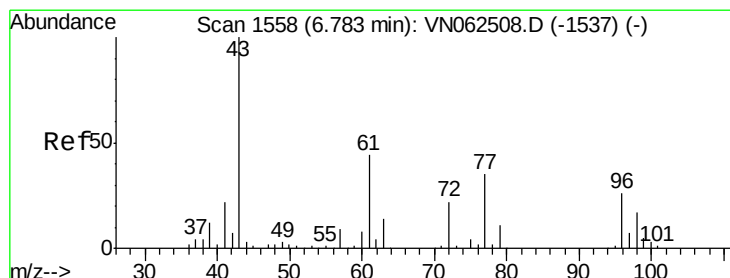
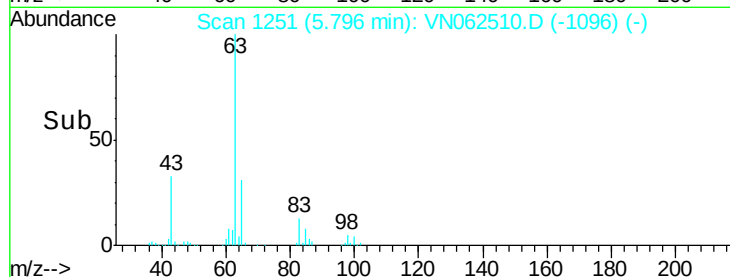
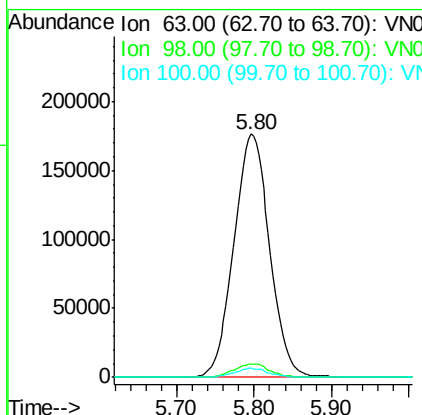
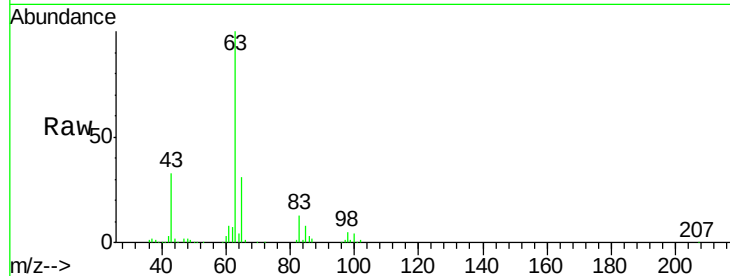
#21
 1,1-Dichloroethane
 Concen: 122.305 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.4	2.8	8.4	
100	3.6	2.0	5.8	

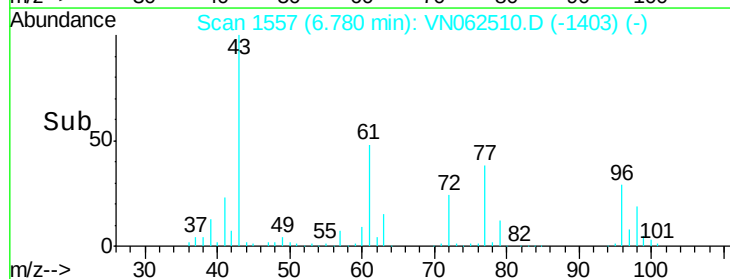
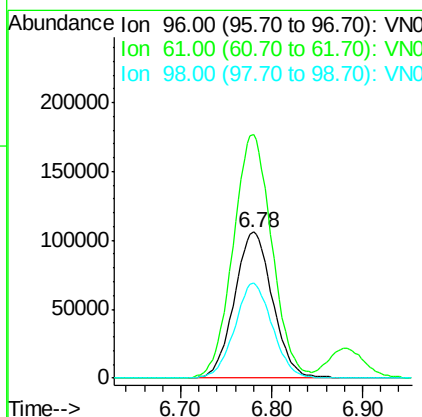
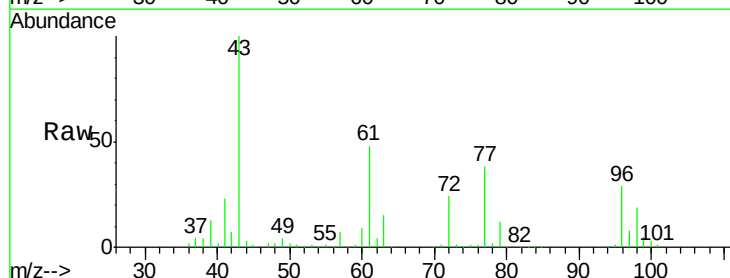
Manual Integrations
 APPROVED

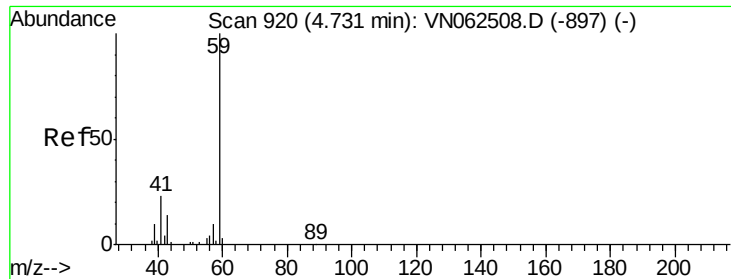
MMDadoda
 7/14/2020 11:36:44 AM



#22
 cis-1,2-Dichloroethene
 Concen: 97.993 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	170.8	134.9	202.3	
98	64.3	51.5	77.3	





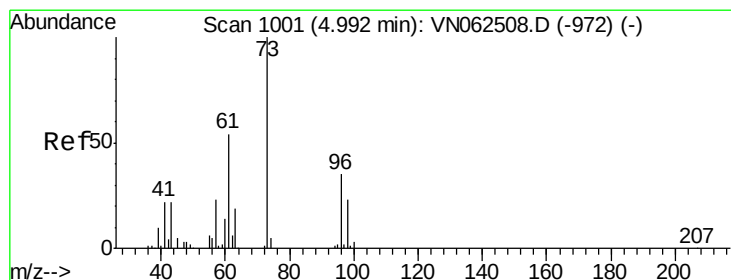
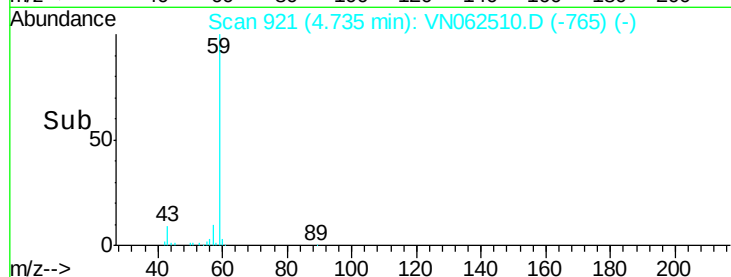
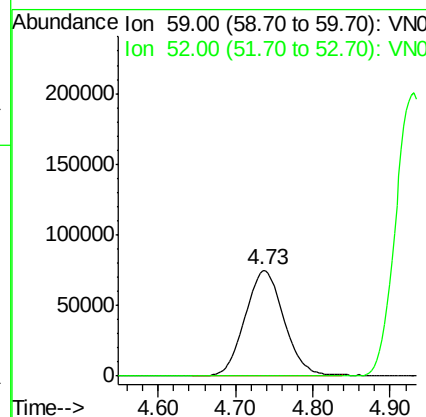
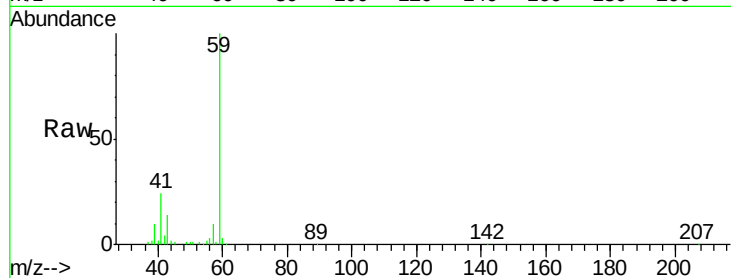
#23
 tert-Butyl Alcohol
 Concen: 639.079 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0#

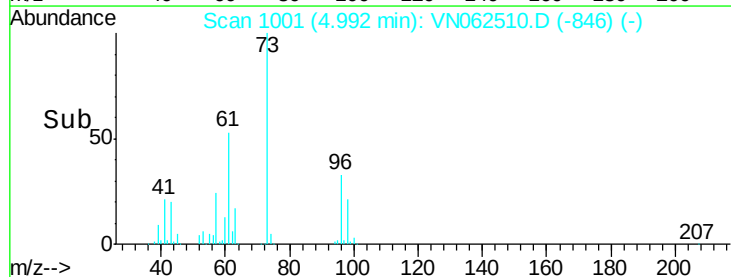
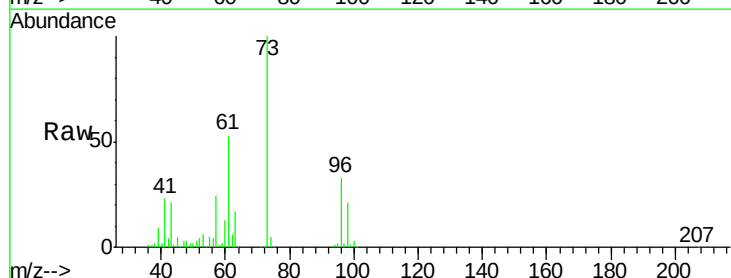
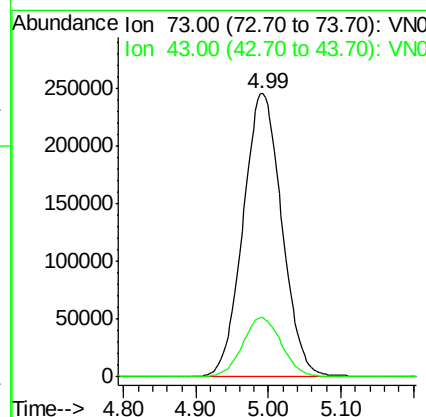
Manual Integrations
 APPROVED

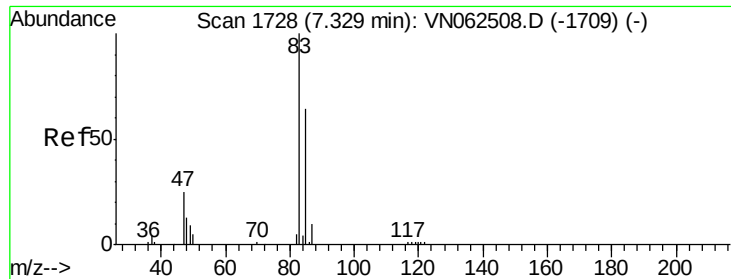
MMDadoda
 7/14/2020 11:36:44 AM



#24
 Methyl tert-Butyl Ether
 Concen: 114.799 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.9	25.3





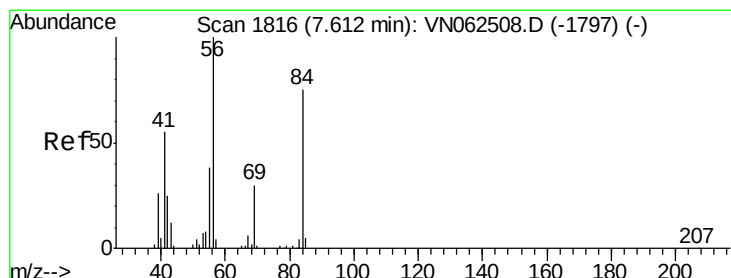
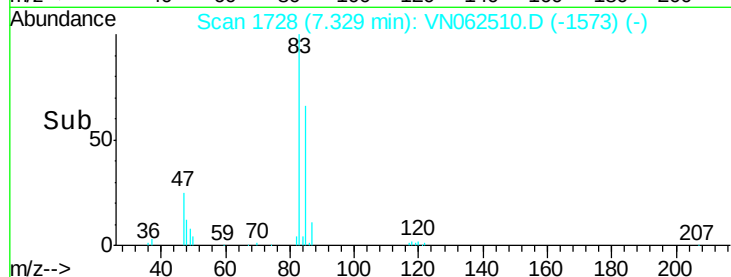
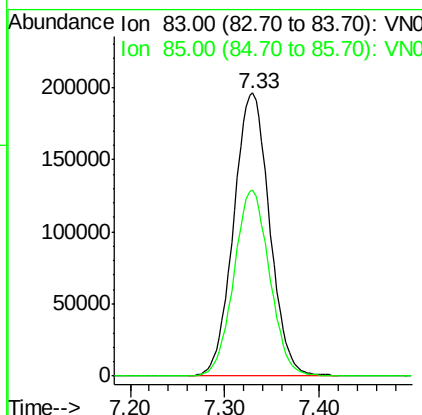
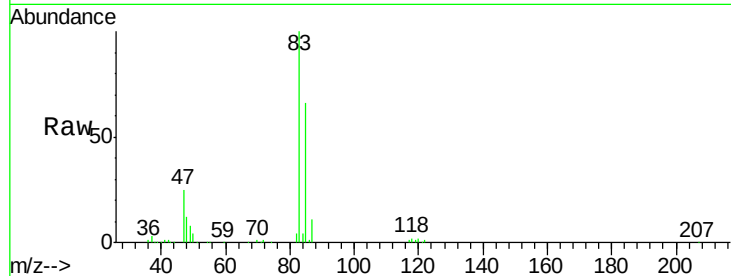
#25
Chloroform
Concen: 103.830 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
83	83	100		
85	85	65.9	51.0	76.4

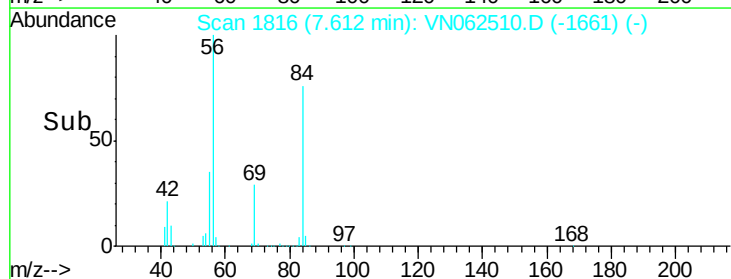
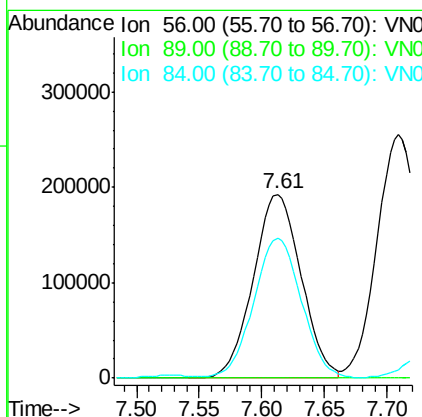
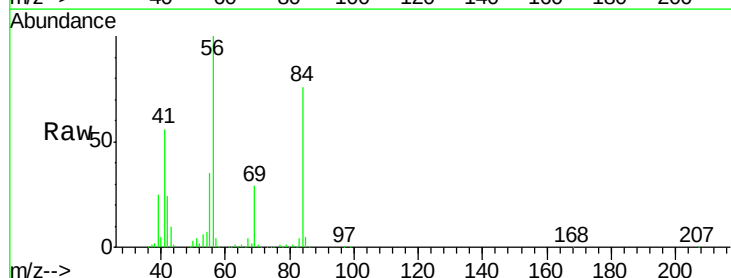
Manual Integrations
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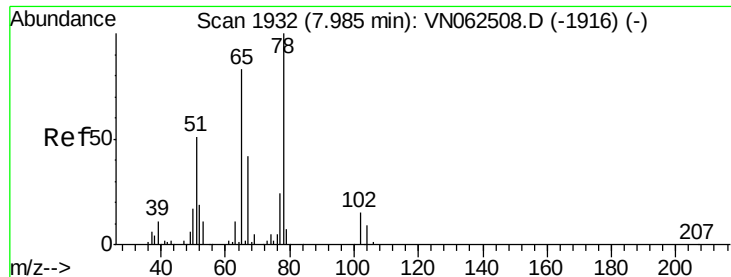
MMDadoda
7/14/2020 11:36:44 AM



#26
Cyclohexane
Concen: 139.850 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
56	56	100		
89	89	0.0	0.0	0.0
84	84	76.3	61.1	91.7





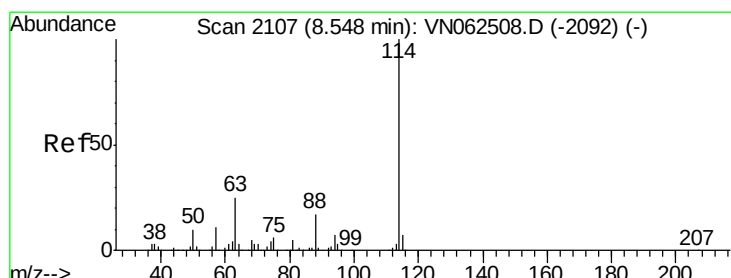
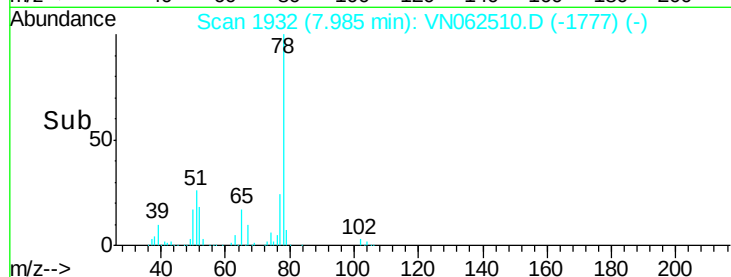
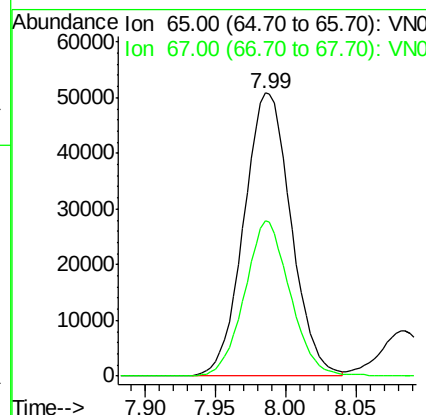
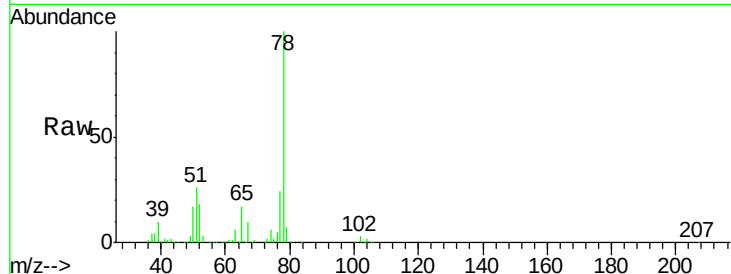
#27
 1,2-Dichloroethane-d4
 Concen: 38.630 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.7	62.5

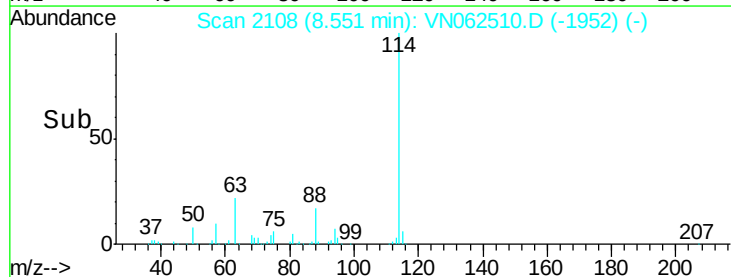
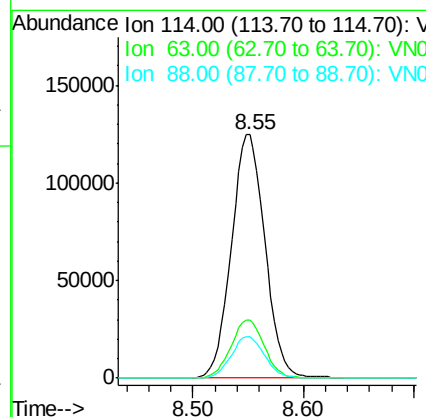
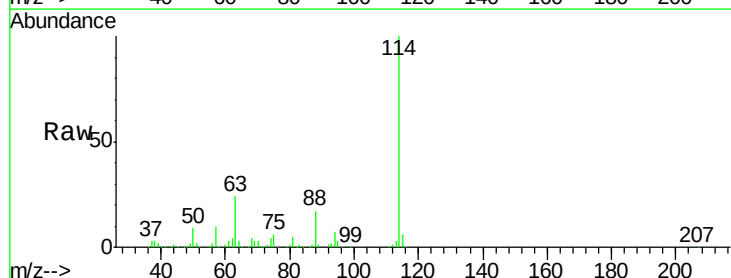
Manual Integrations
 APPROVED

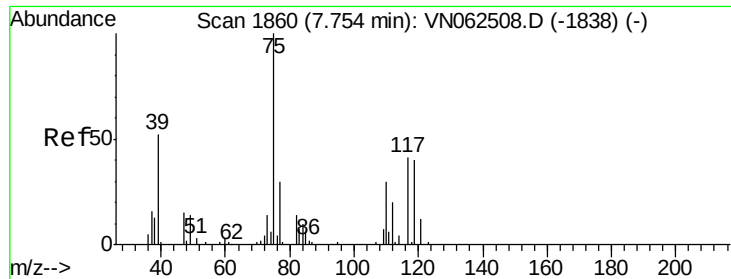
MMDadoda
 7/14/2020 11:36:44 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.0
88	16.9	13.5	20.3





#29

1,1-Dichloropropene

Concen: 110.553 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

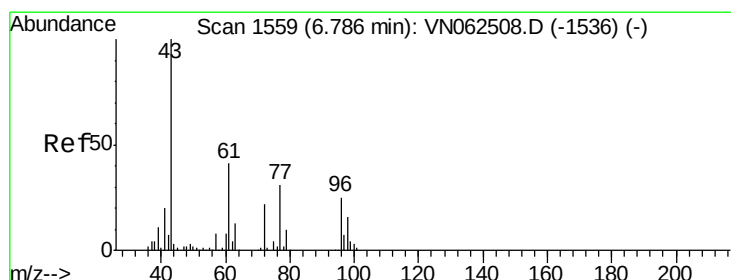
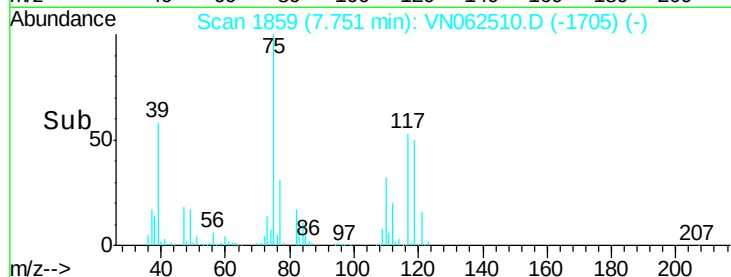
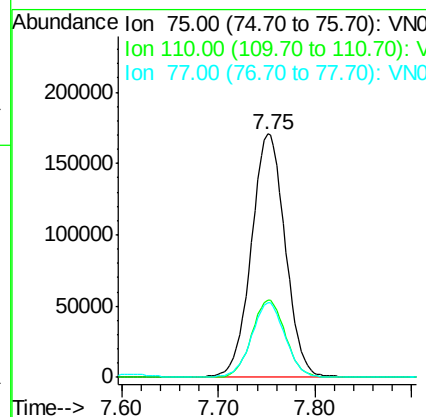
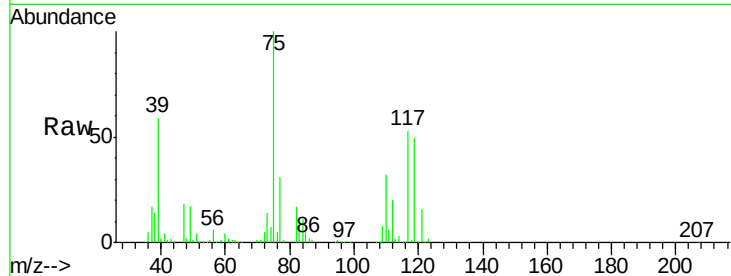
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	415765
Ion Ratio	Lower	Upper	
75	100		
110	31.5	0.0	62.4
77	30.6	0.0	62.8

Manual Integrations
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7/14/2020 11:36:44 AM



#30

2-Butanone

Concen: 728.237 ug/l

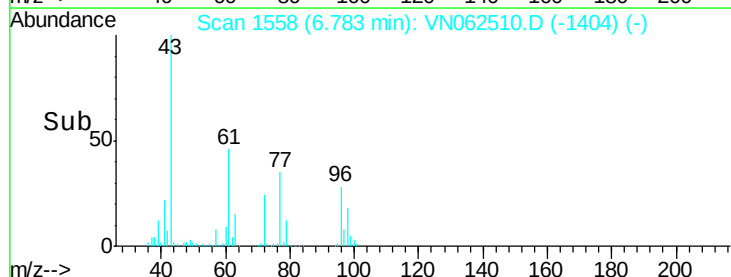
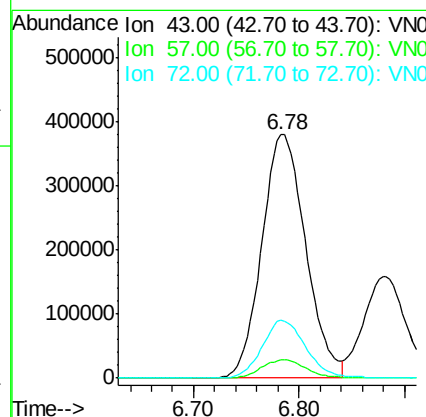
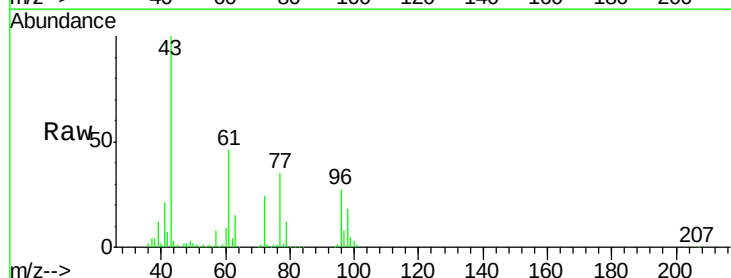
RT: 6.78 min Scan# 1558

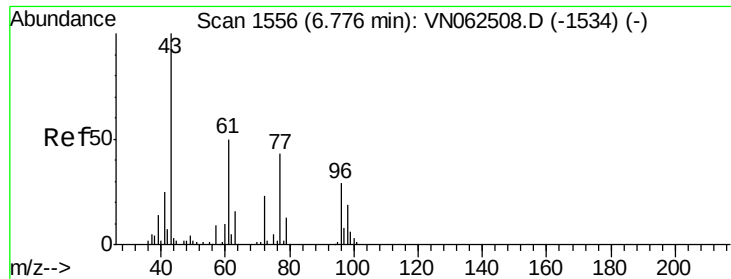
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	43	Resp:	1096769
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.6	9.8
72	23.7	18.5	27.7





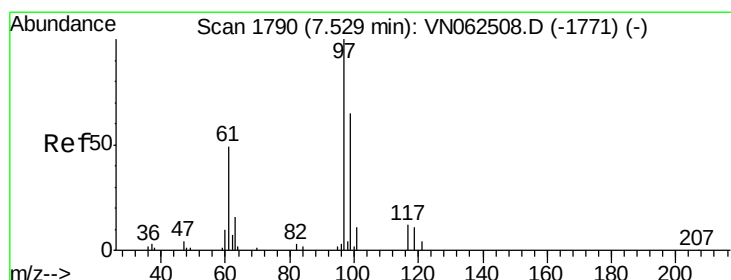
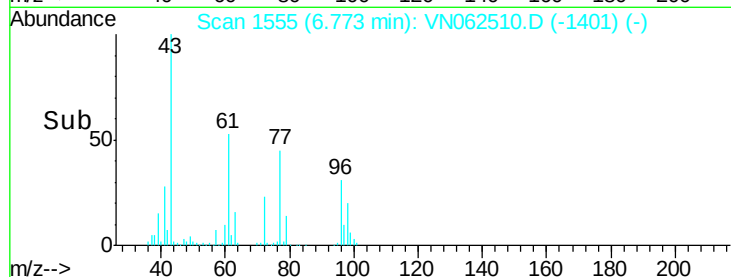
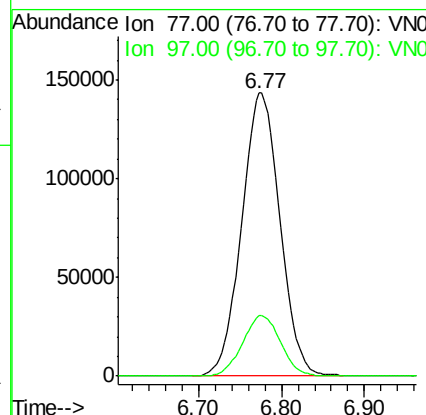
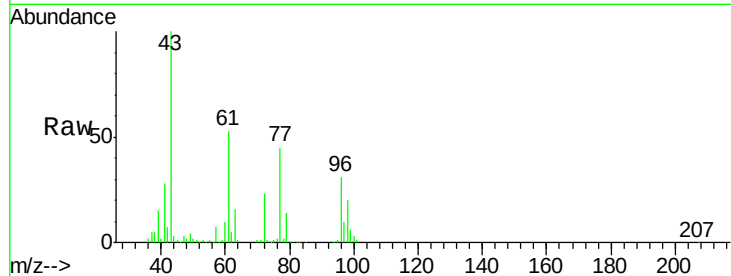
#31
 2,2-Dichloropropane
 Concen: 104.380 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
97	21.3	8.6	12.8#	

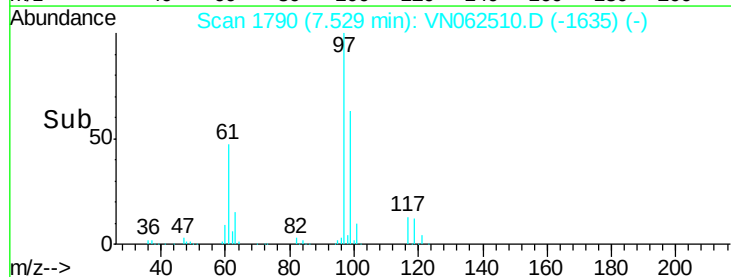
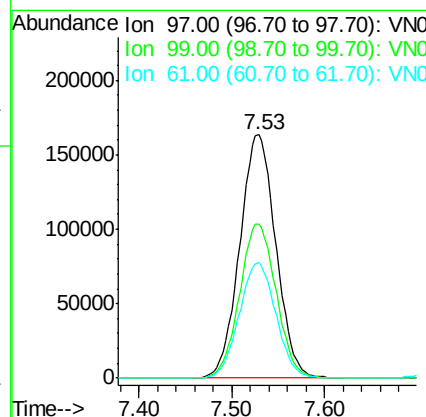
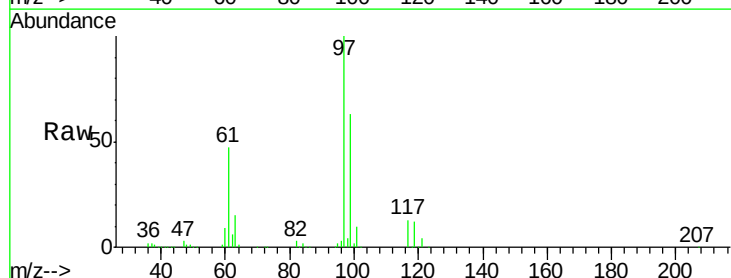
Manual Integrations
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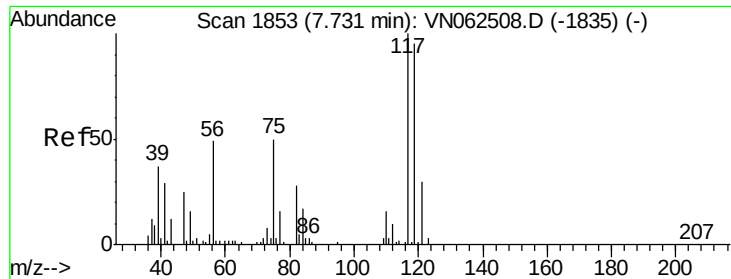
MMDadoda
 7/14/2020 11:36:44 AM



#32
 1,1,1-Trichloroethane
 Concen: 94.962 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	64.0	51.8	77.8	
61	48.3	39.4	59.0	





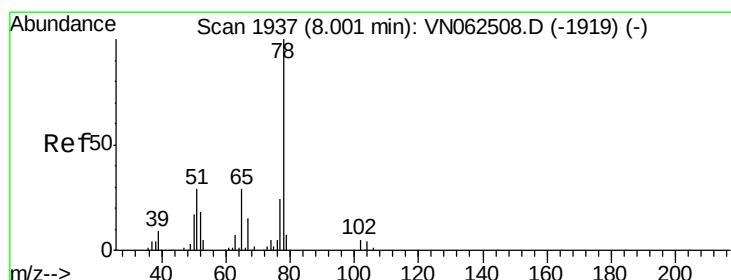
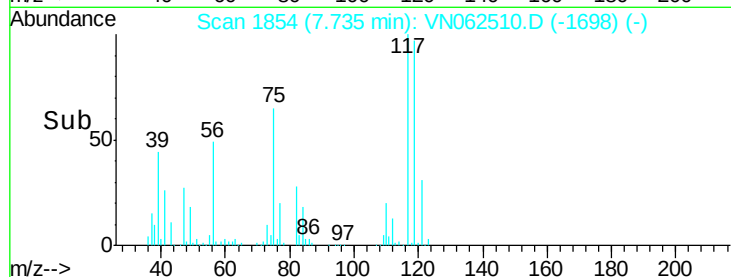
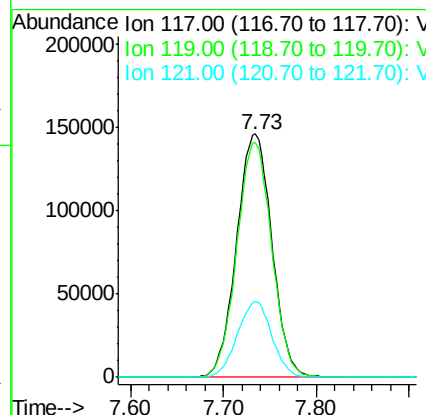
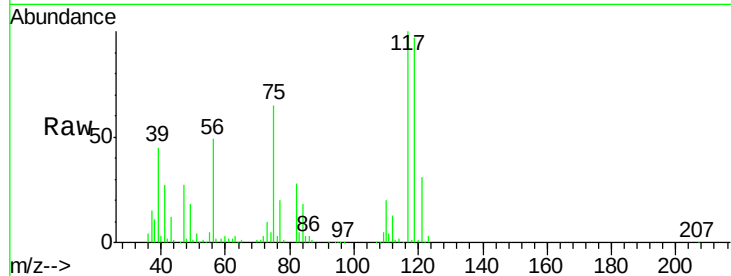
#33
Carbon Tetrachloride
Concen: 100.215 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.4
121	31.1	23.8	35.6

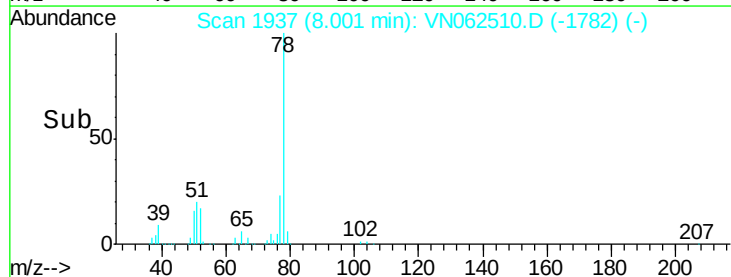
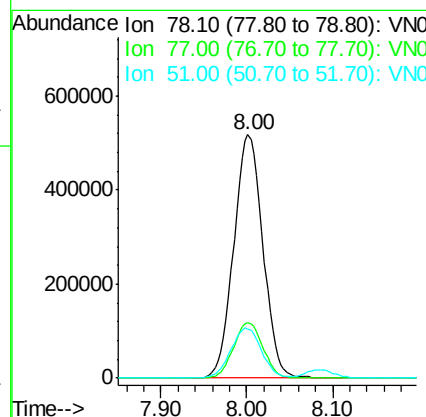
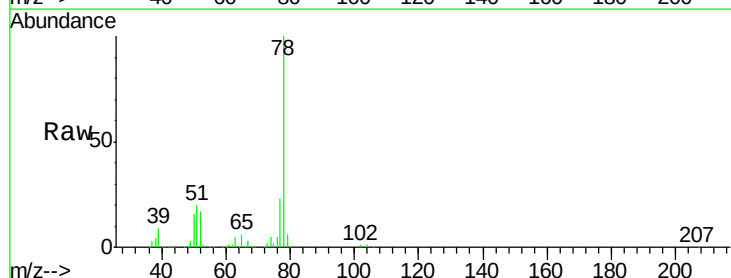
Manual Integrations
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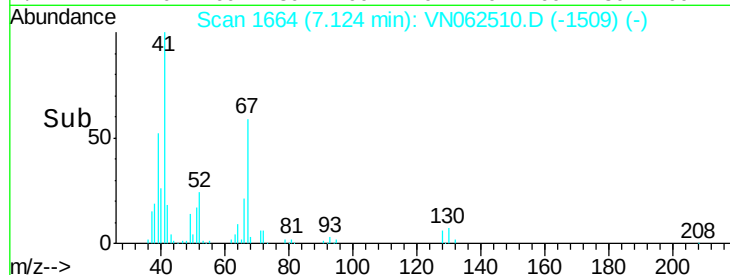
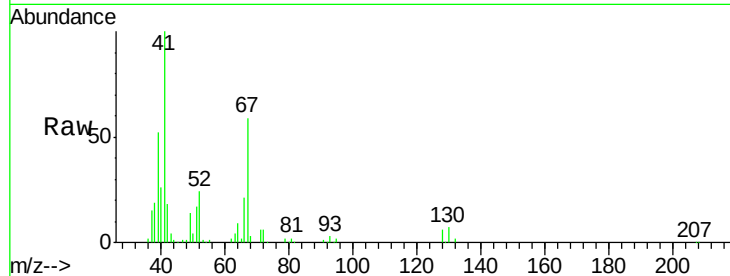
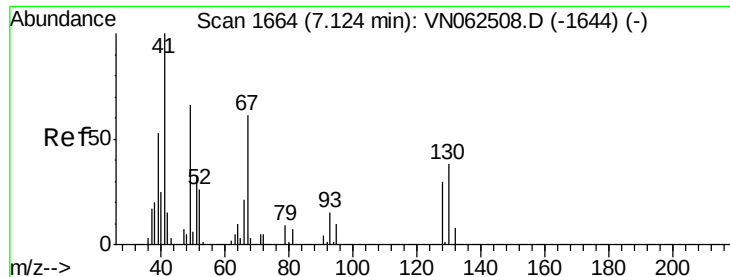
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#34
Benzene
Concen: 104.830 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3
51	20.4	23.1	34.7#





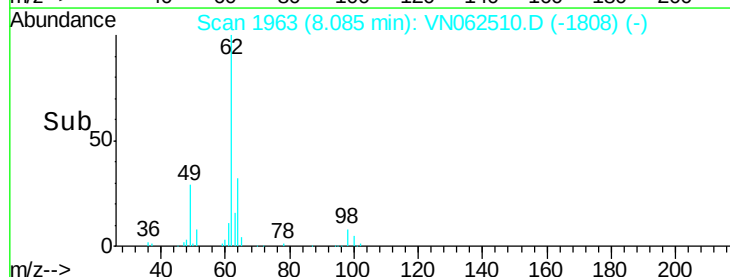
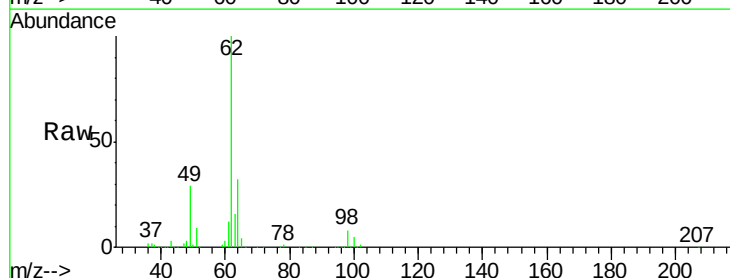
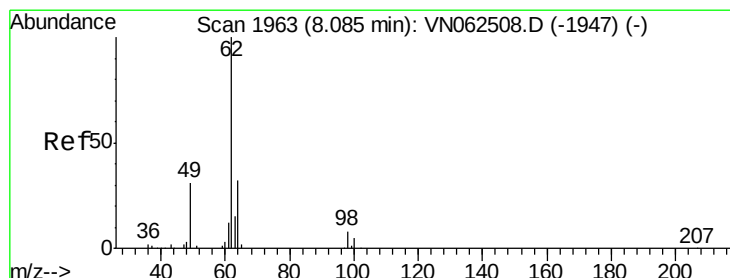
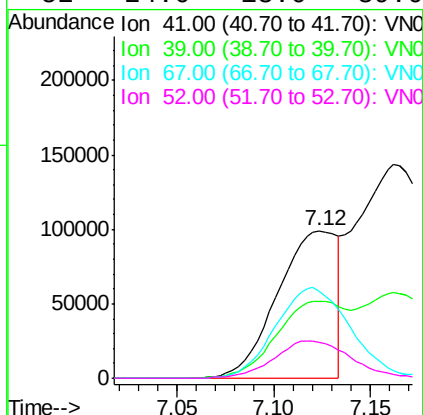
#35
Methacrylonitrile
Concen: 158.979 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tot Ion	41	Resp	211634
Ion Ratio	Lower	Upper	
41	100		
39	52.3	26.5	79.5
67	59.5	30.7	92.1
52	24.0	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

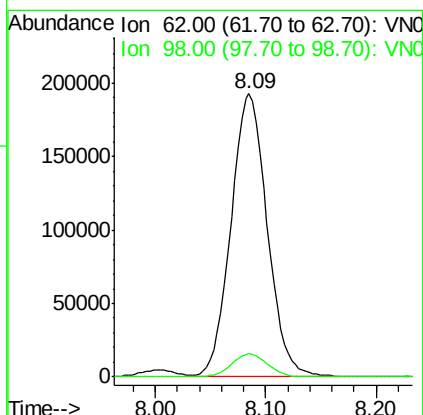
Manual Integrations
APPROVED

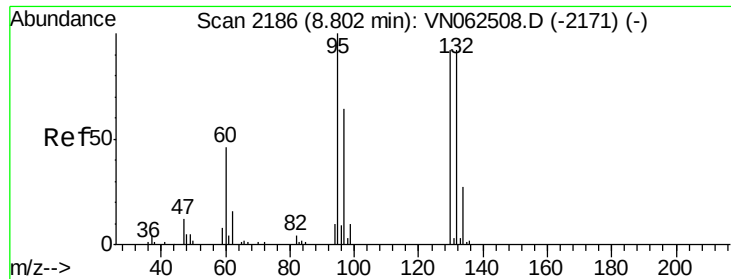
MMDadoda
7/14/2020 11:36:44 AM



#36
1,2-Dichloroethane
Concen: 112.536 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	62	Resp	435404
Ion Ratio	Lower	Upper	
62	100		
98	8.2	6.6	9.8





#37

Trichloroethene

Concen: 81.573 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 277757

Ion Ratio Lower Upper

130 100

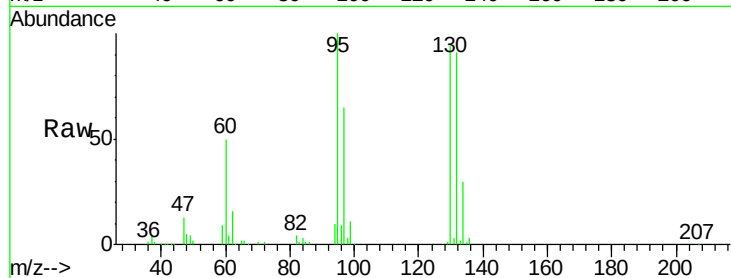
95 106.2 86.5 129.7

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.80

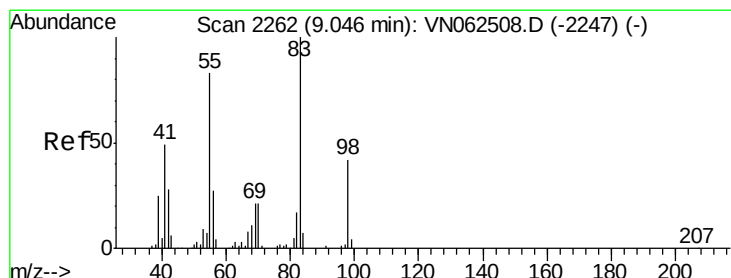
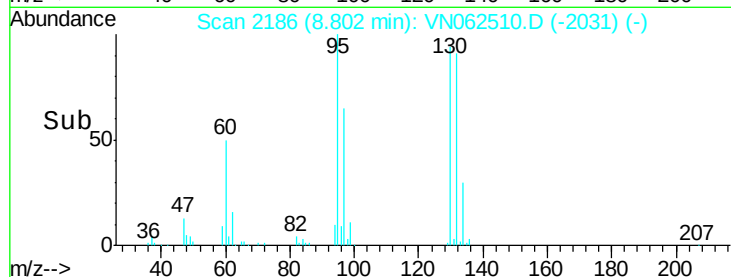
150000

100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 113.040 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

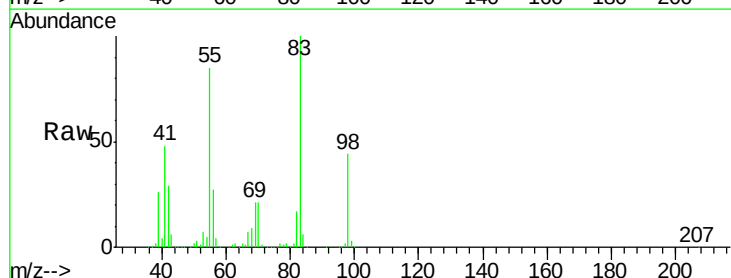
Tgt Ion: 83 Resp: 474361

Ion Ratio Lower Upper

83 100

55 84.7 42.8 128.3

98 43.6 21.9 65.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

9.05

300000

250000

200000

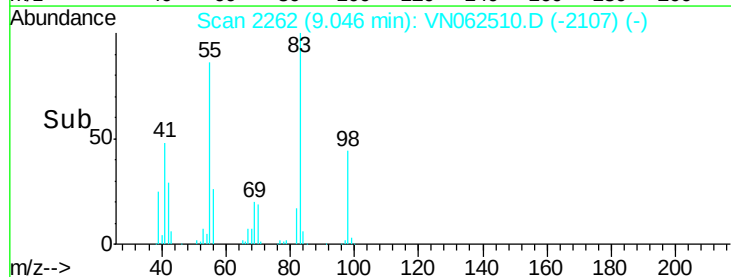
150000

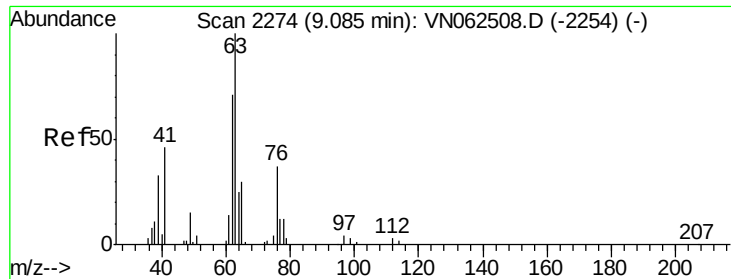
100000

50000

0

Time--> 9.00 9.10





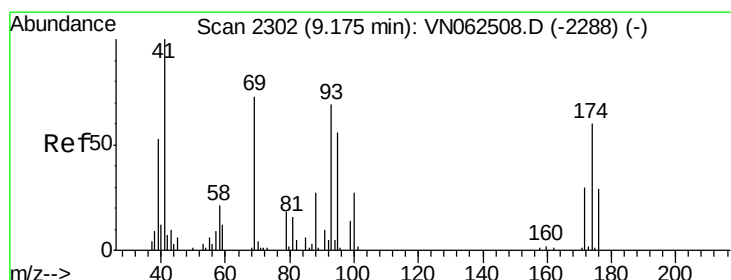
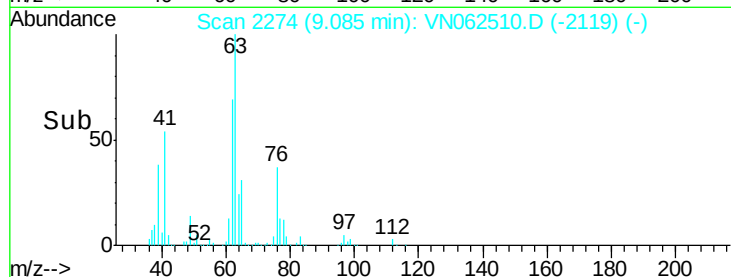
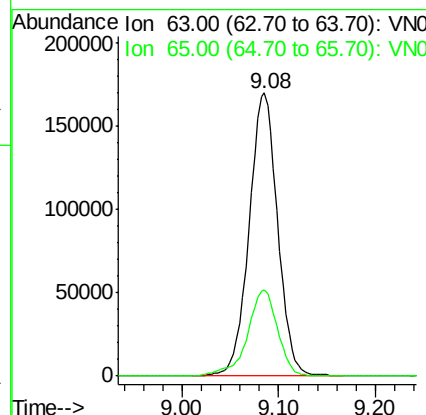
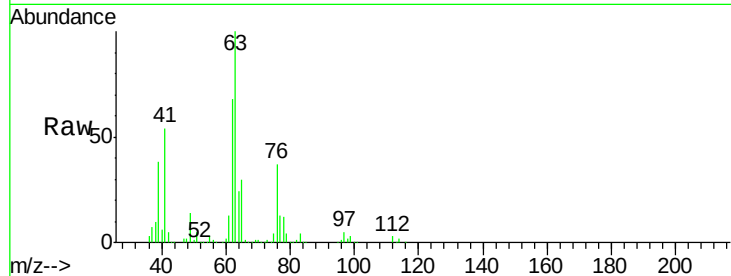
#39
 1,2-Dichloropropane
 Concen: 118.723 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.2	36.4

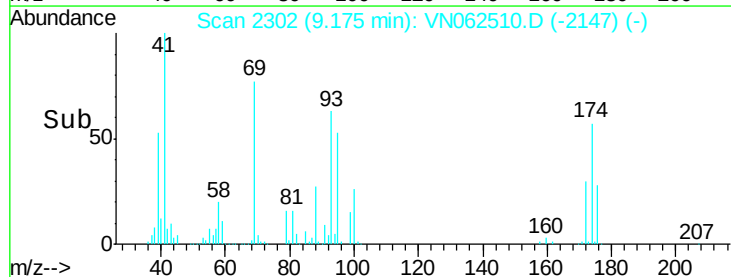
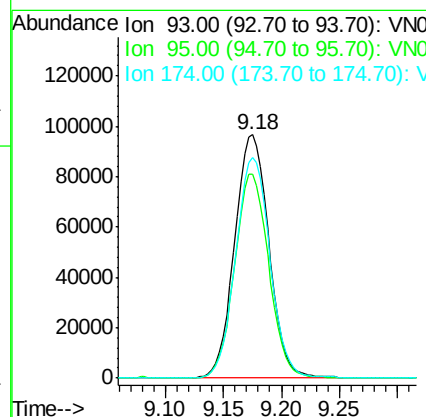
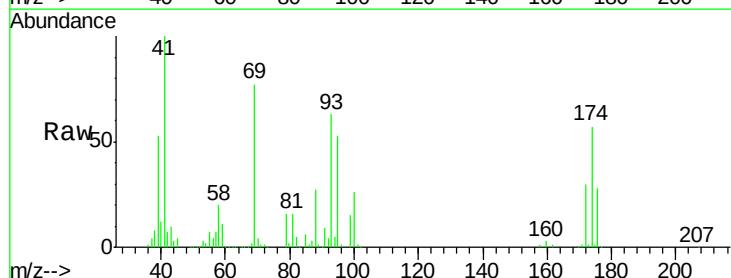
Manual Integrations
 APPROVED

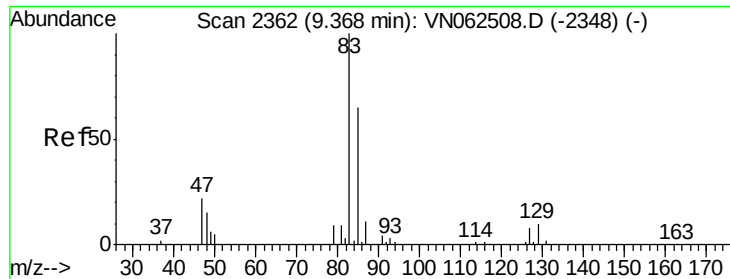
MMDadoda
 7/14/2020 11:36:44 AM



#40
 Dibromomethane
 Concen: 96.664 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	161.2
174	90.4	0.0	178.0





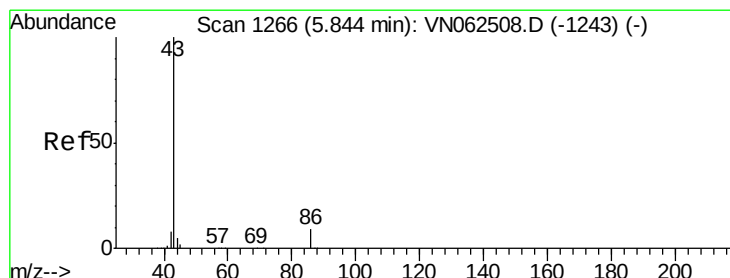
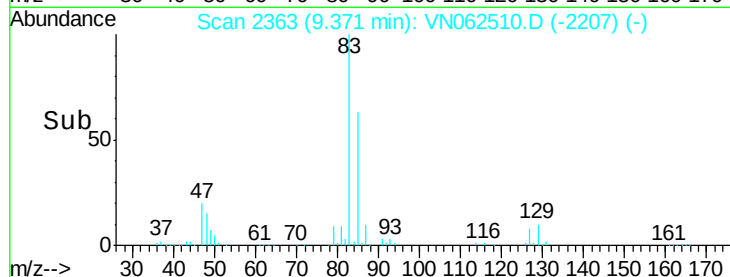
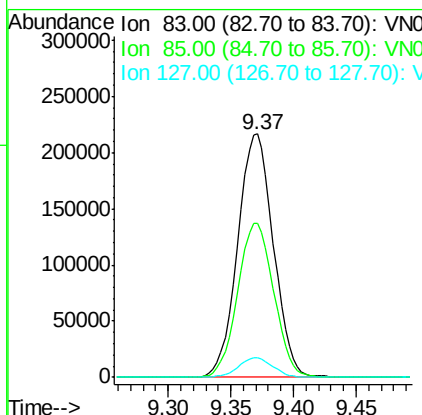
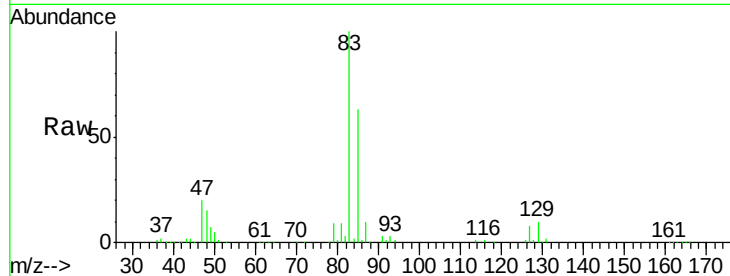
#41
Bromodichloromethane
Concen: 101.716 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	428695
Ion Ratio	100		
Lower	51.6		
Upper	77.4		
85	63.0		
127	8.1		

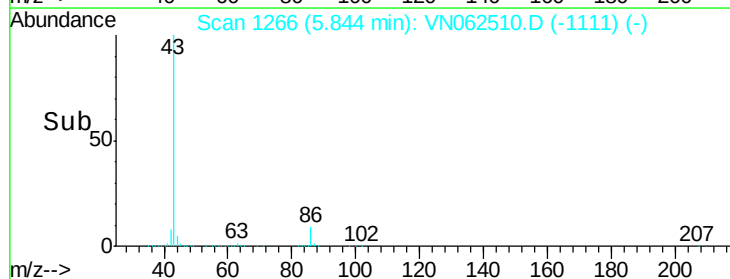
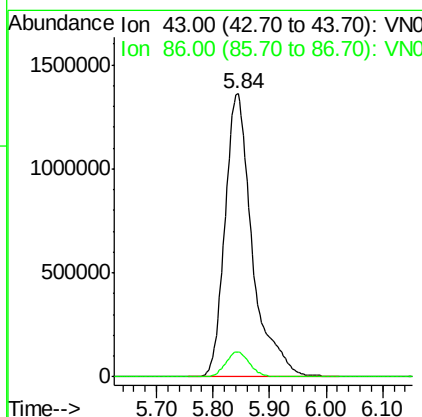
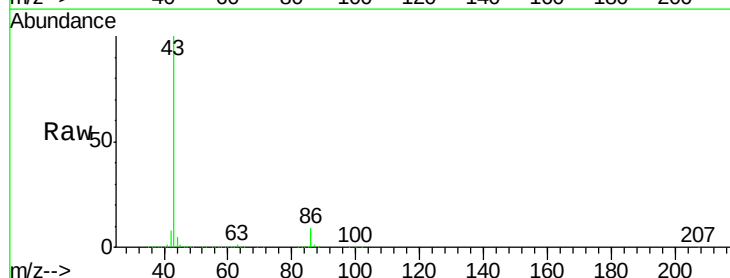
Manual Integrations
APPROVED

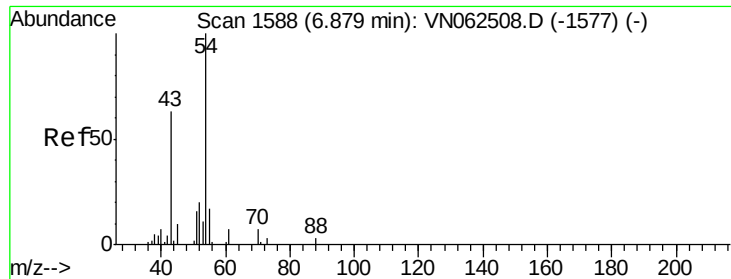
MMDadoda
7/14/2020 11:36:44 AM



#42
Vinyl Acetate
Concen: 749.862 ug/l
RT: 5.84 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	43	Resp	4591021
Ion Ratio	100		
Lower	6.1		
Upper	9.1		
86	7.8		





#43

Ethyl Acetate

Concen: 148.215 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 449582

Ion Ratio Lower Upper

43 100

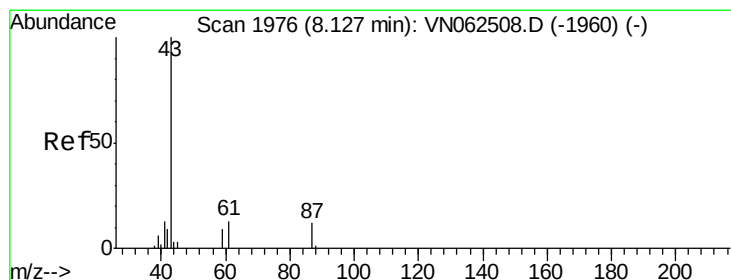
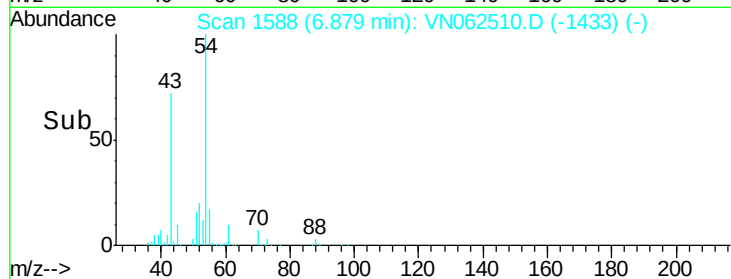
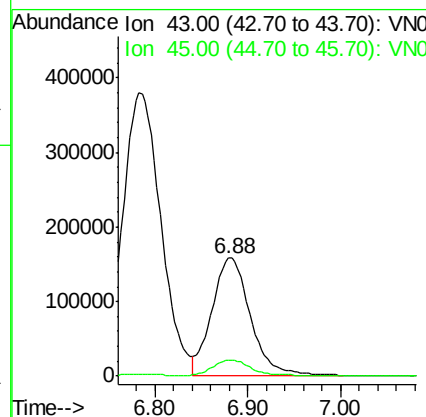
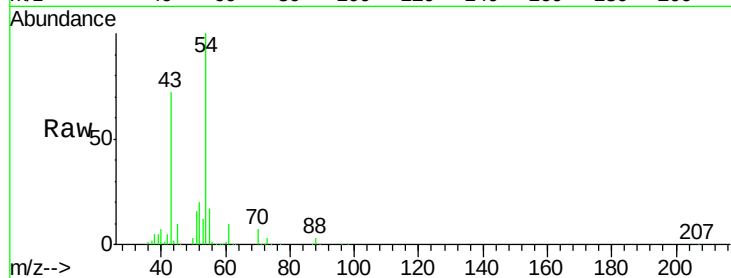
45 14.5 10.2 15.4

Manual Integrations

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#44

Isopropyl Acetate

Concen: 142.791 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062510.D

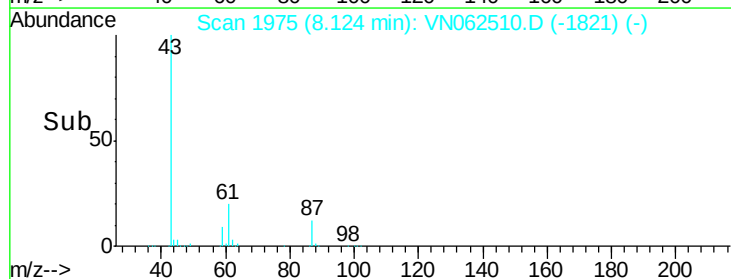
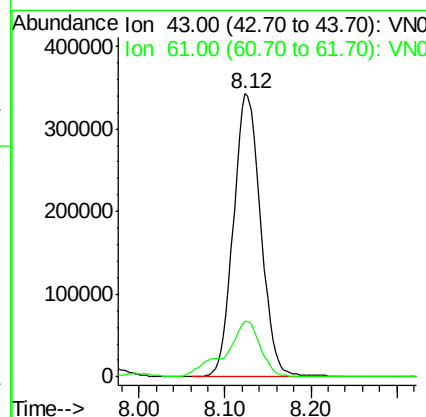
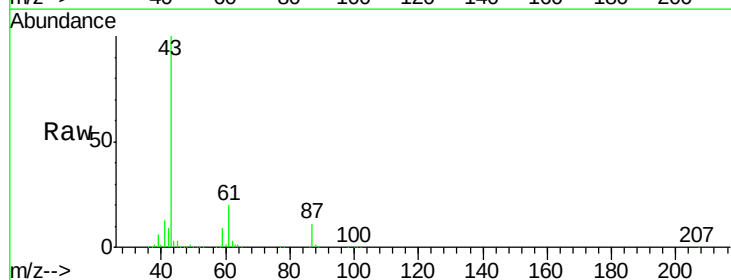
Acq: 13 Jul 2020 10:48

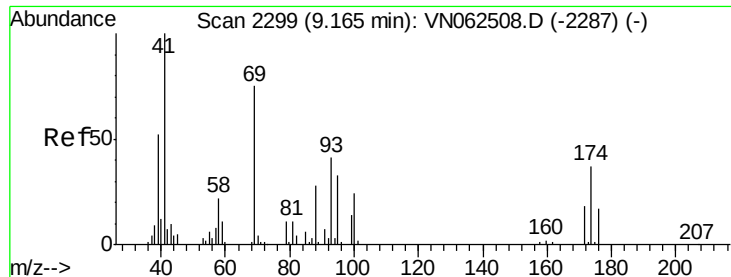
Tgt Ion: 43 Resp: 753422

Ion Ratio Lower Upper

43 100

61 19.3 14.7 22.1





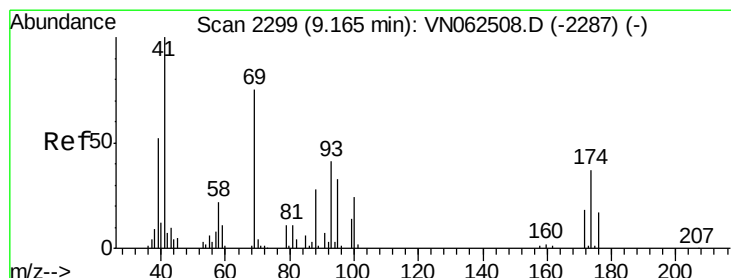
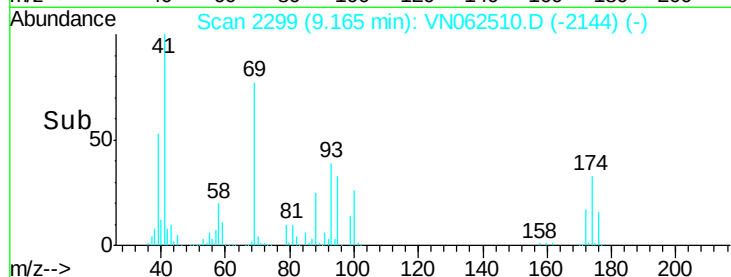
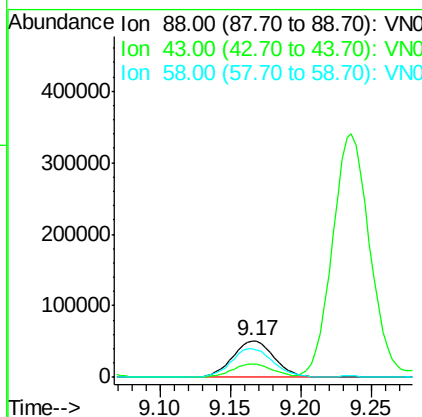
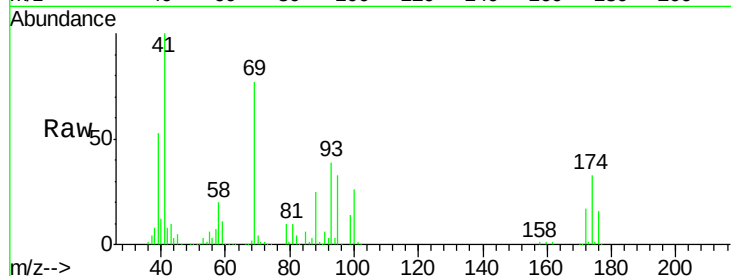
#45
 1,4-Dioxane
 Concen: 2131.814 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	29.2	43.8
58	78.9	62.2	93.4

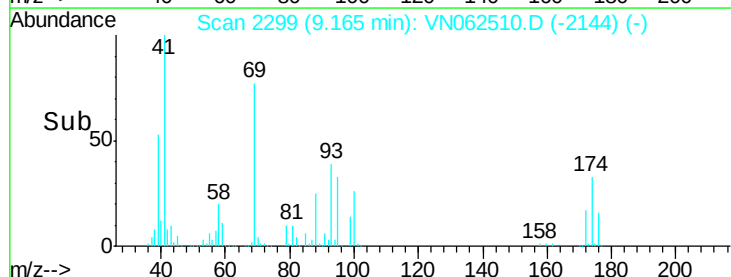
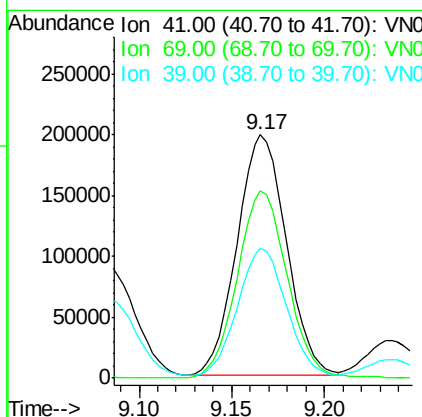
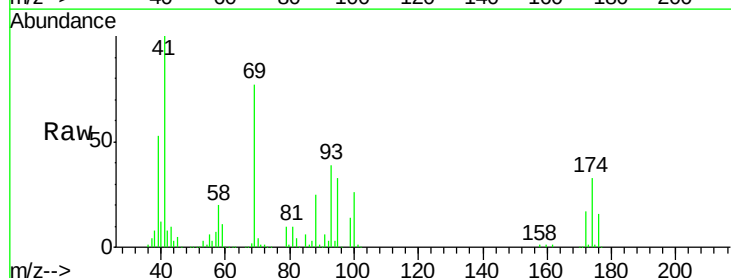
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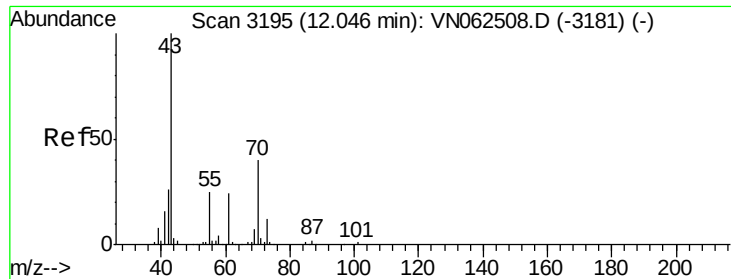
MMDadoda
 7/14/2020 11:36:44 AM



#46
 Methyl methacrylate
 Concen: 153.707 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.6	37.4	112.2
39	53.0	25.9	77.6





#47

n-amvl Acetate

Concen: 151.315 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 678326

Ion Ratio Lower Upper

43 100

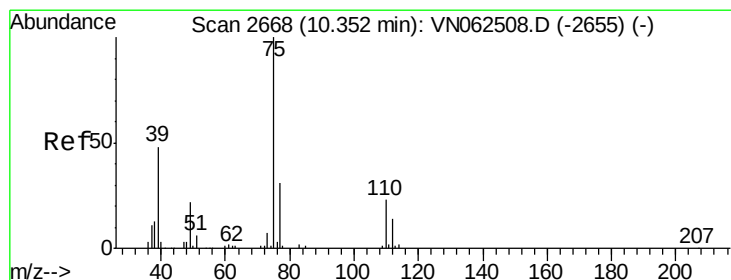
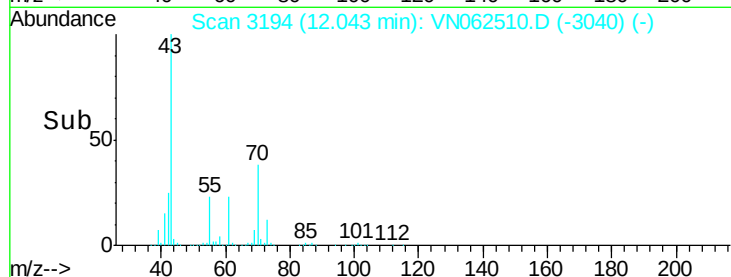
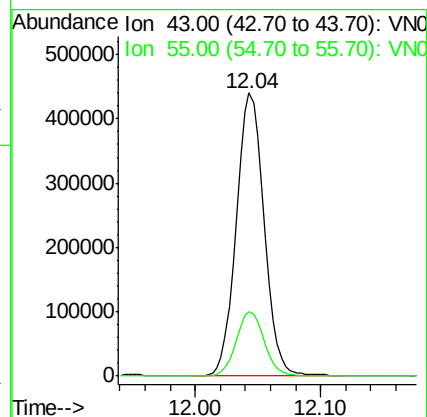
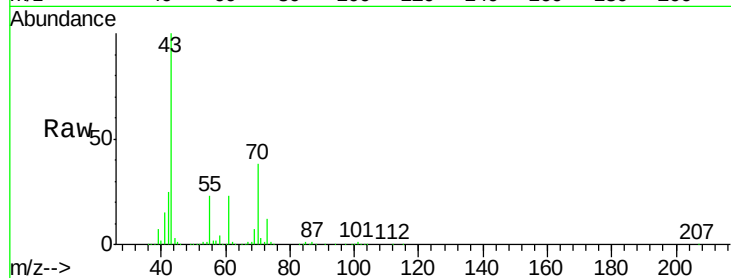
55 23.1 20.4 30.6

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#48

t-1,3-Dichloropropene

Concen: 113.789 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062510.D

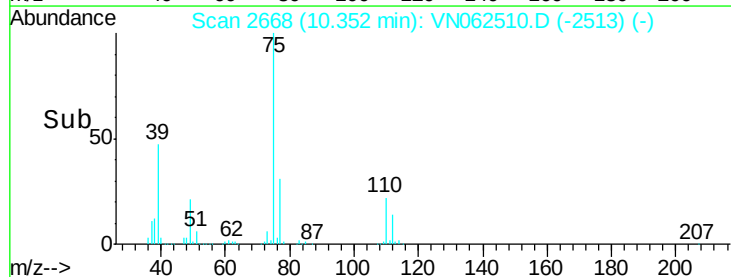
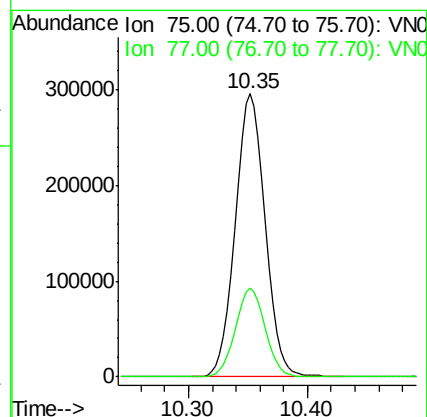
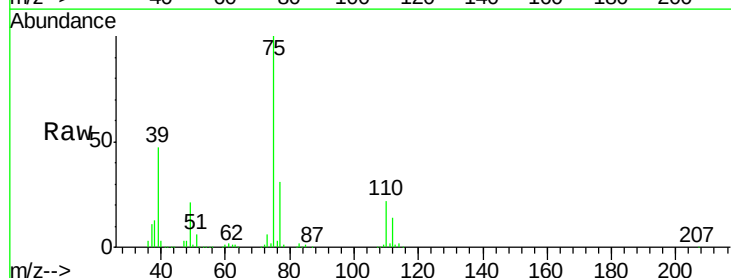
Acq: 13 Jul 2020 10:48

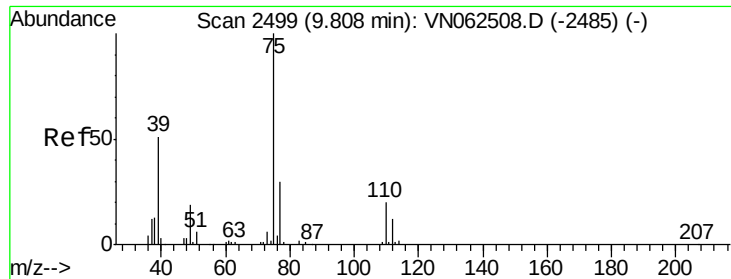
Tgt Ion: 75 Resp: 513553

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4





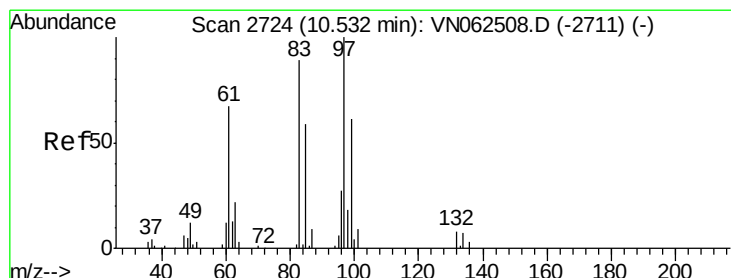
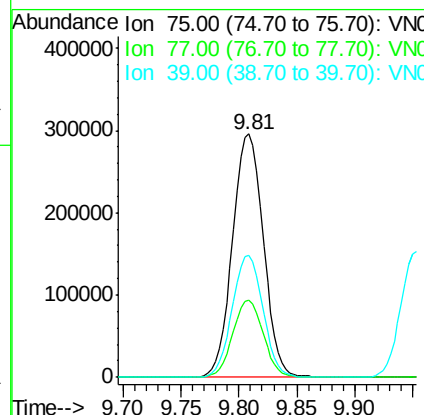
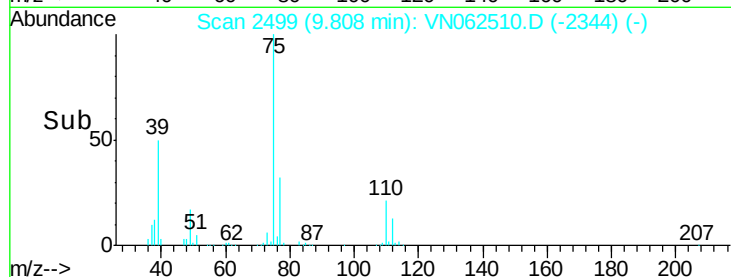
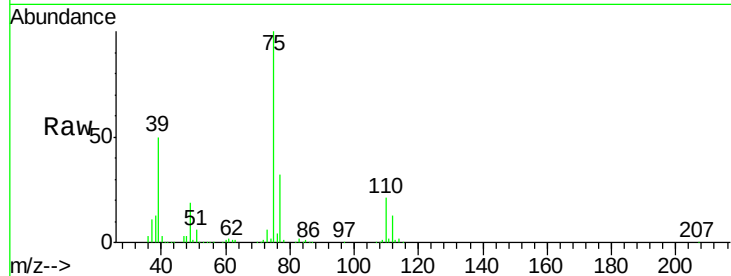
#49
 cis-1,3-Dichloropropene
 Concen: 111.918 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	23.7	35.5
39	50.0	40.5	60.7

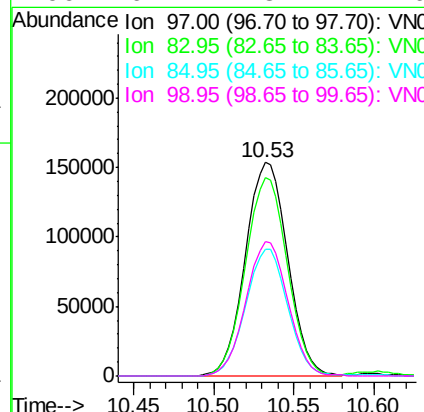
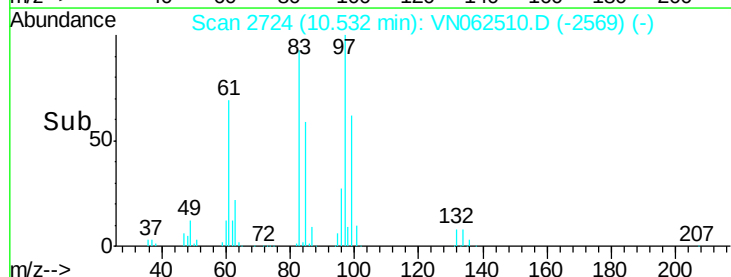
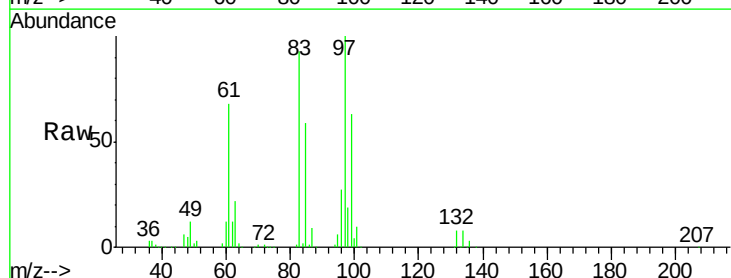
Manual Integrations
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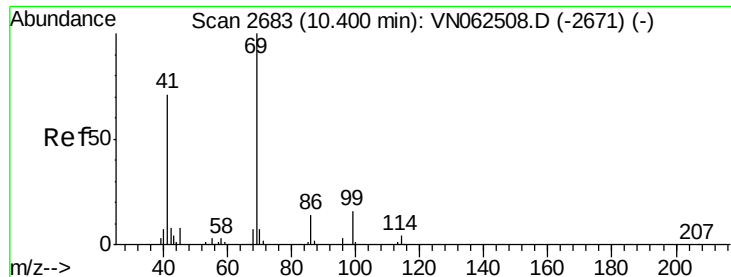
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 7/14/2020 11:36:44 AM



#50
 1,1,2-Trichloroethane
 Concen: 93.195 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.8	71.3	106.9
85	59.4	47.2	70.8
99	62.7	48.4	72.6





#51

Ethyl methacrylate

Concen: 120.635 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

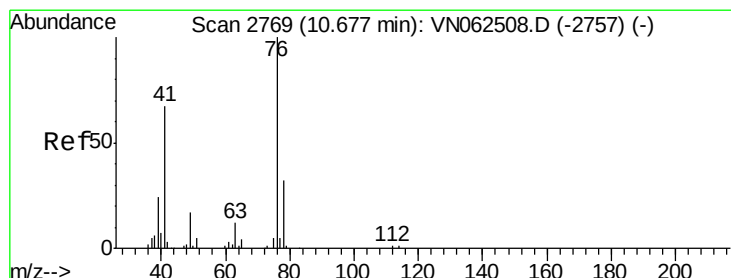
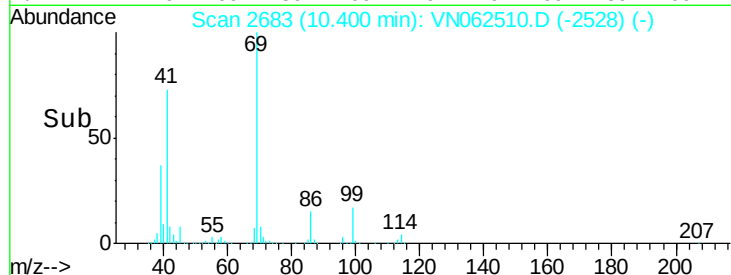
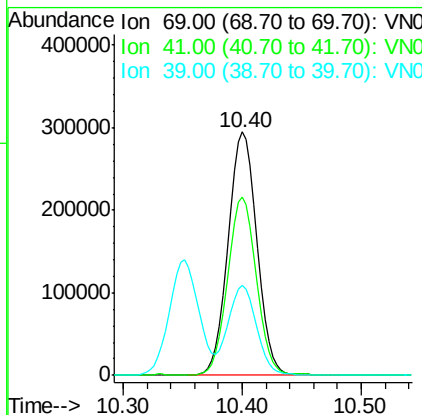
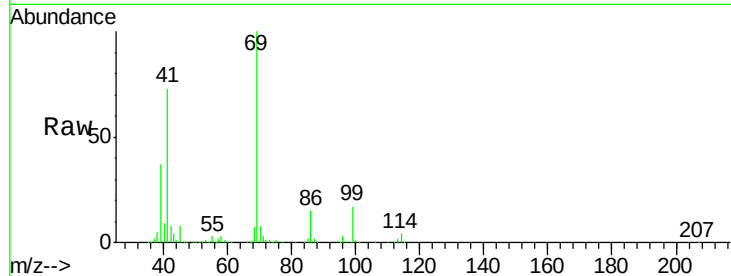
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	495741
Ion Ratio	Lower	Upper	
69	100		
41	73.1	35.6	106.8
39	36.6	17.2	51.5

Manual Integrations
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7/14/2020 11:36:44 AM



#52

1,3-Dichloropropane

Concen: 105.837 ug/l

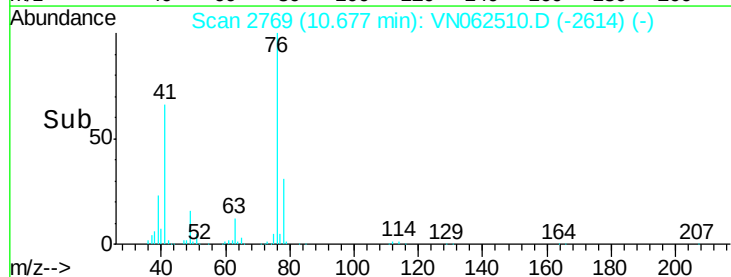
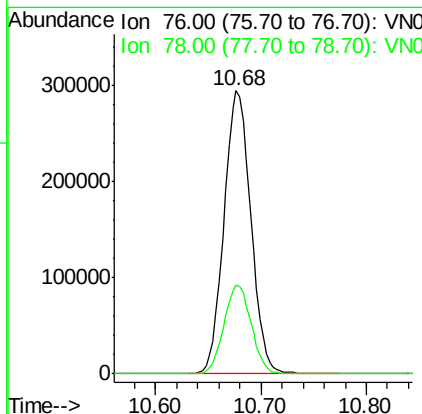
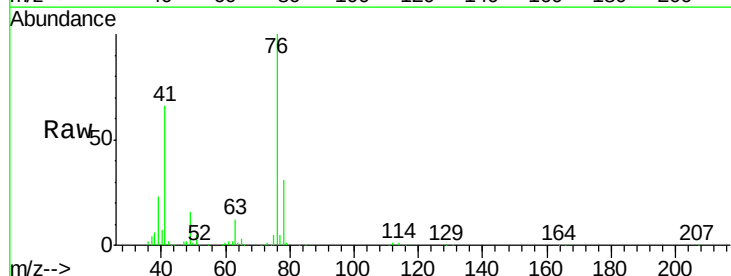
RT: 10.68 min Scan# 2769

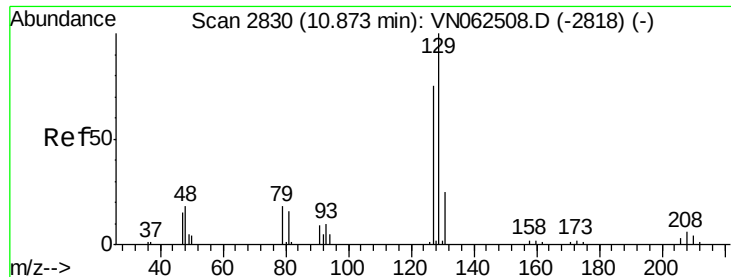
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	76	Resp:	518192
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	63.6





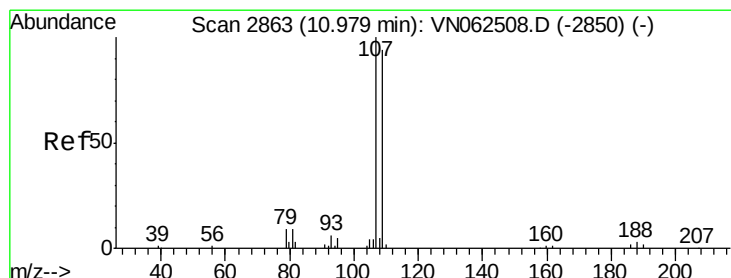
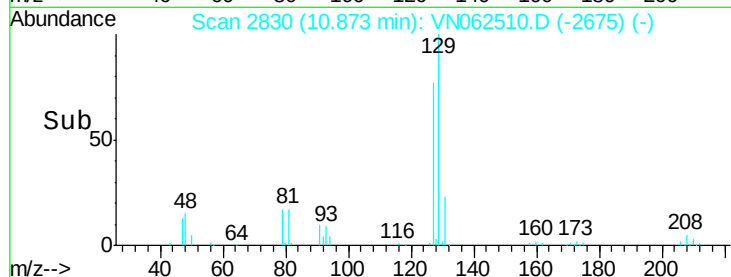
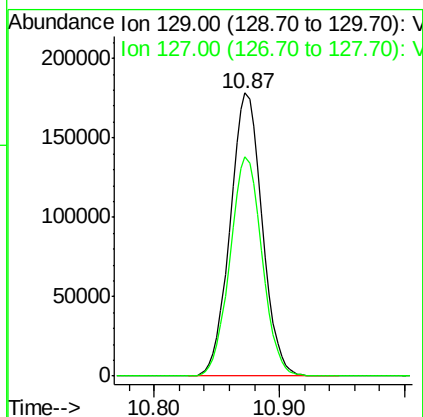
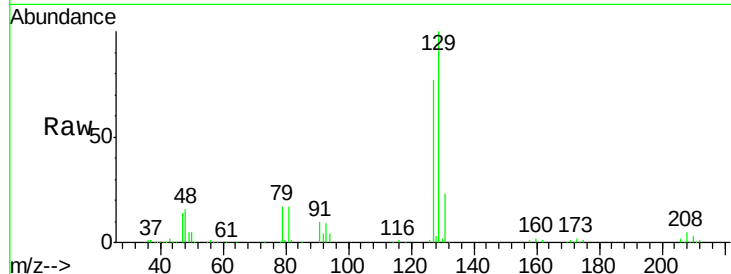
#53
Dibromochloromethane
Concen: 91.455 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.1	114.5

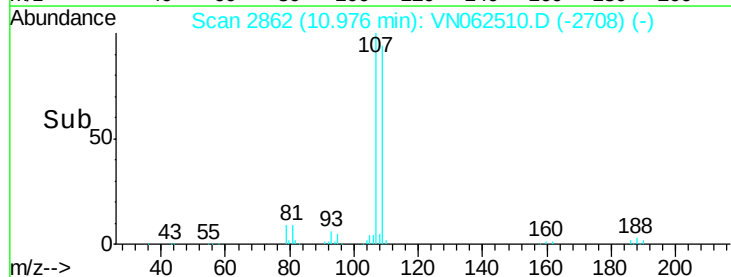
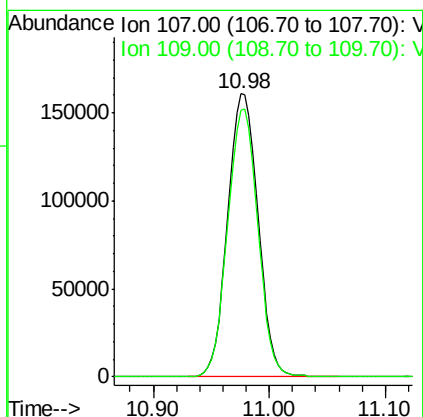
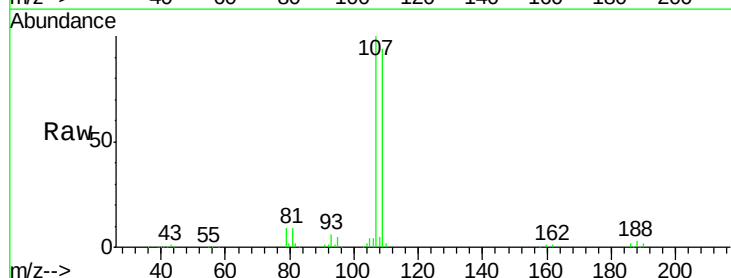
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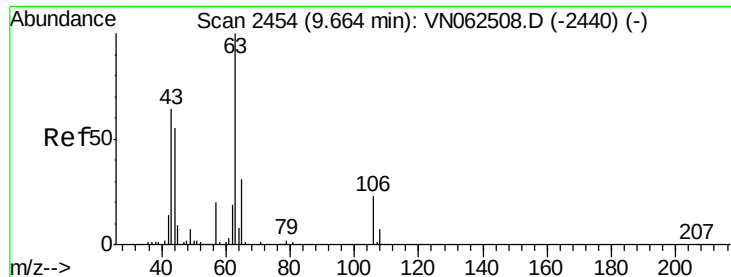
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#54
1,2-Dibromoethane
Concen: 94.693 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.8	112.2





#55

2-Chloroethyl vinyl ether

Concen: 556.442 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

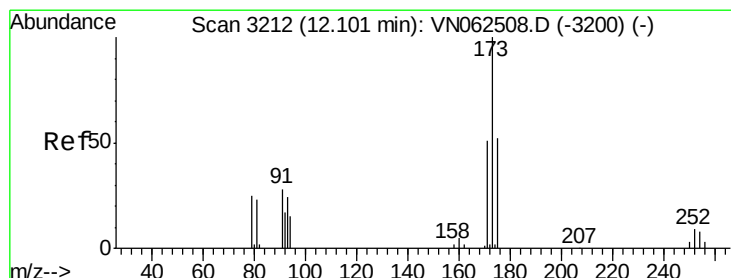
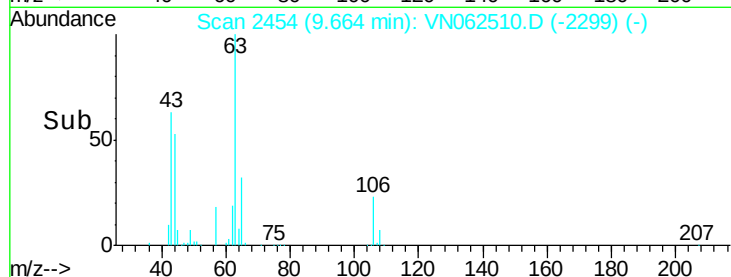
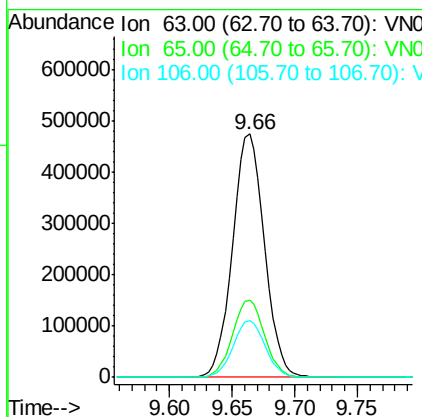
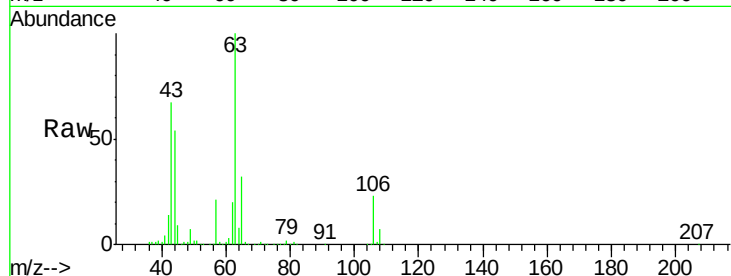
ClientSampleId :

VSTDIC100

Tot Ion:	63	Resp:	842306
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	23.3	18.4	27.6

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#56

Bromoform

Concen: 90.839 ug/l

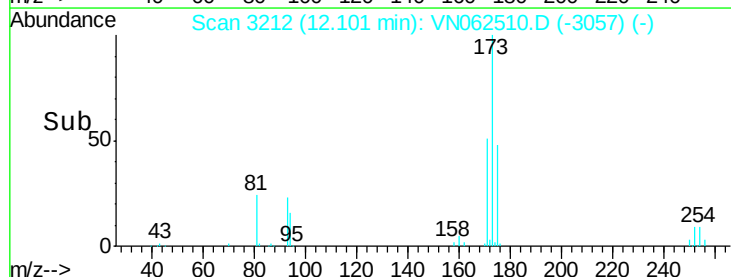
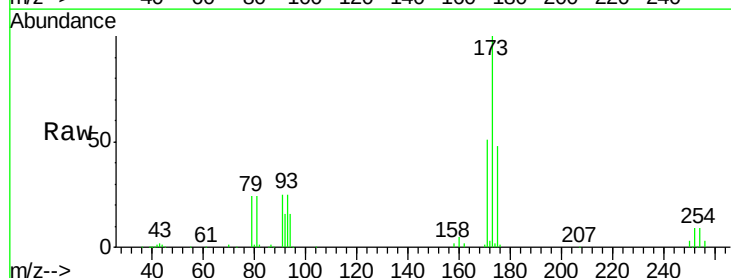
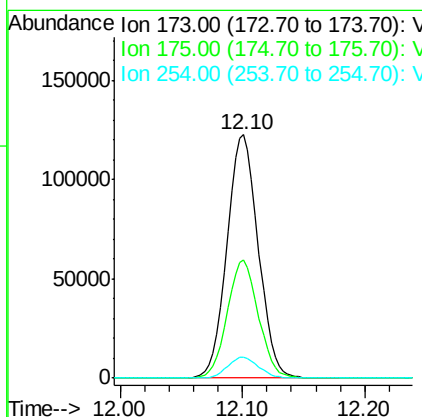
RT: 12.10 min Scan# 3212

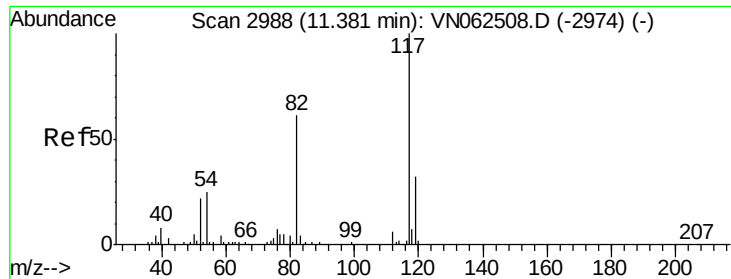
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	173	Resp:	219617
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.1	57.1
254	8.5	6.2	9.2





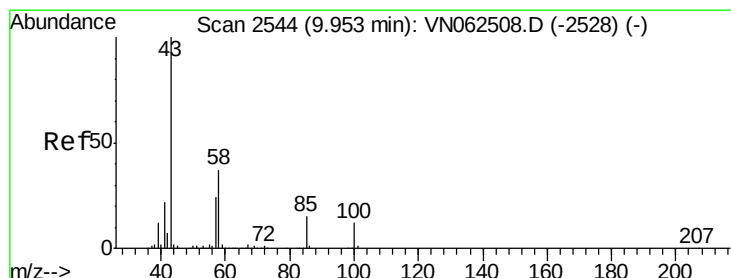
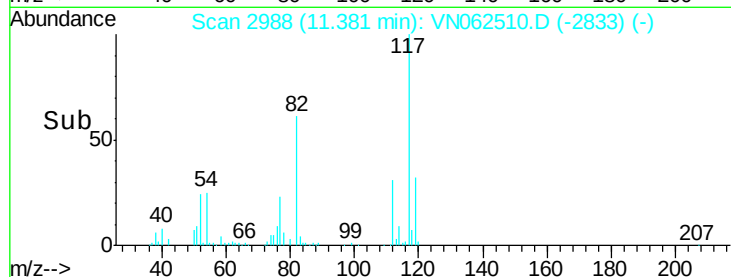
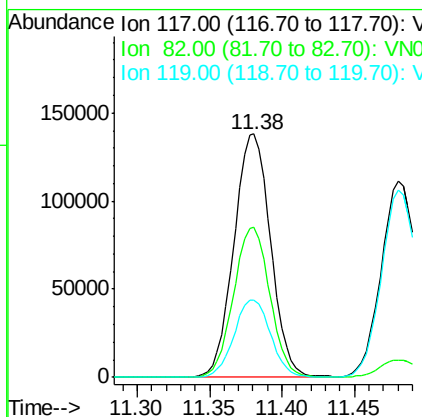
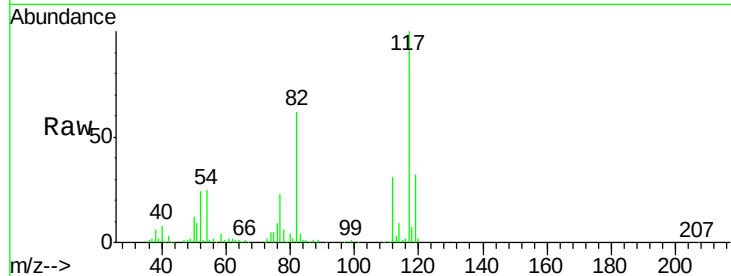
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	242958		
82	61.2	49.0	73.6	
119	31.9	25.6	38.4	

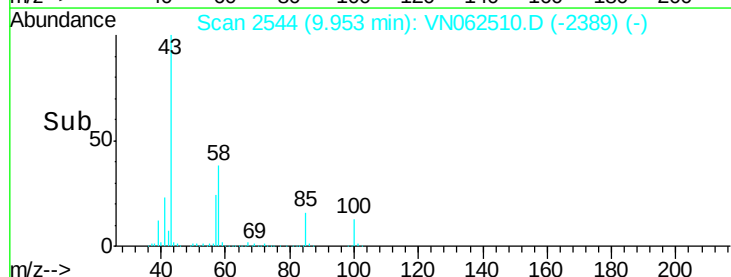
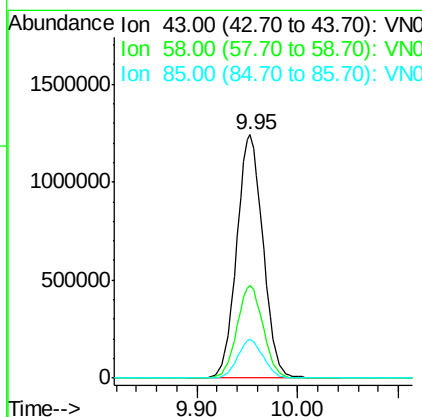
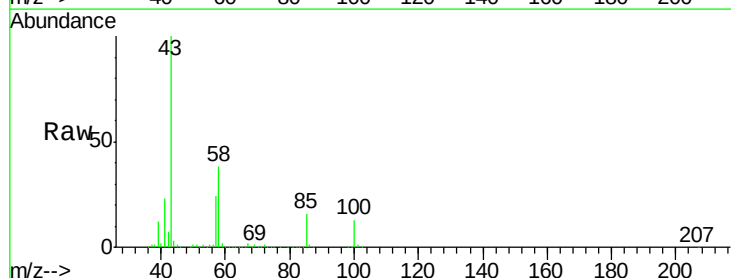
Manual Integrations
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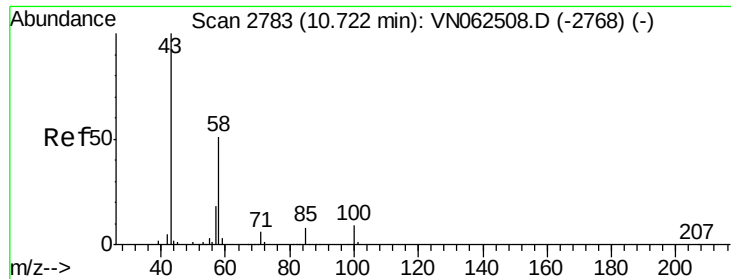
MMDadoda
7/14/2020 11:36:44 AM



#58
4-Methyl-2-Pentanone
Concen: 733.420 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2228377		
58	37.9	29.6	44.4	
85	15.5	12.0	18.0	





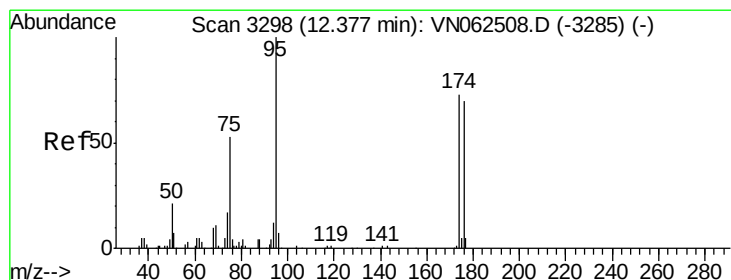
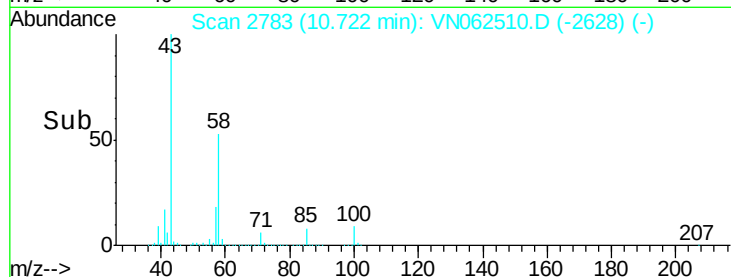
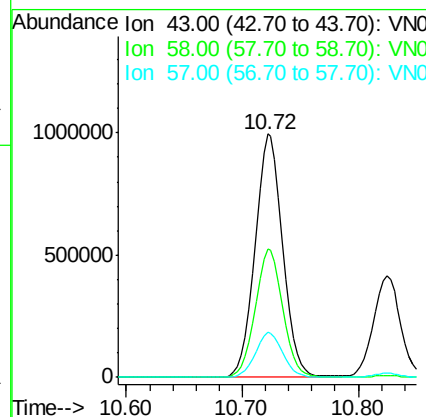
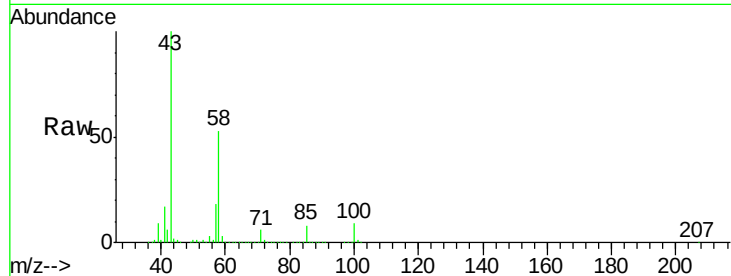
#59
2-Hexanone
Concen: 744.684 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	41.2	61.8
57	18.4	14.4	21.6

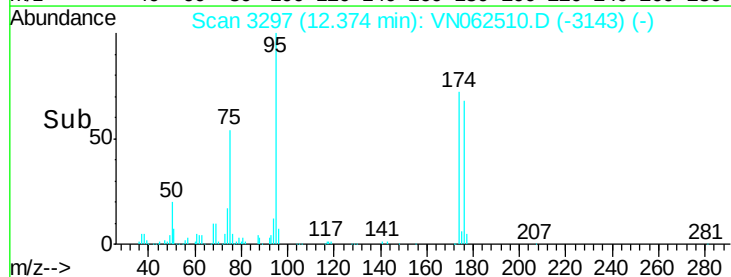
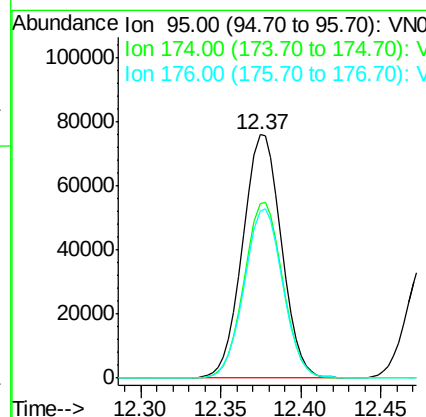
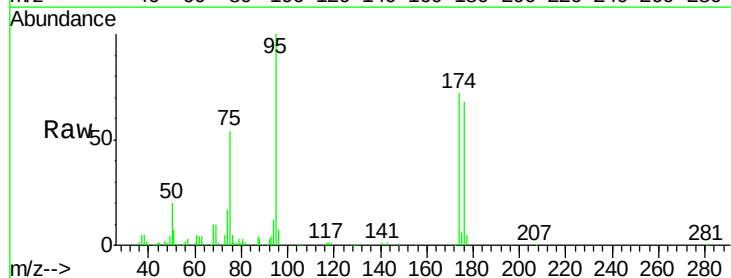
Manual Integrations
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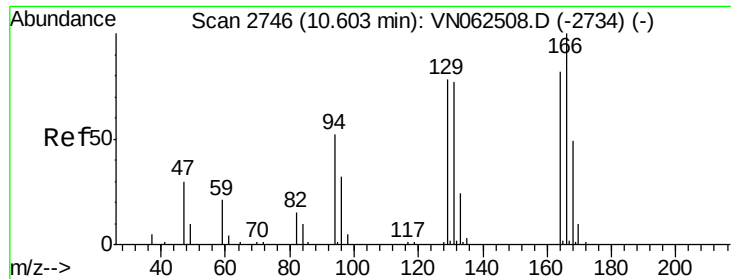
MMDadoda
7/14/2020 11:36:44 AM



#60
4-Bromofluorobenzene
Concen: 33.974 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.0	57.5	86.3
176	69.4	56.3	84.5





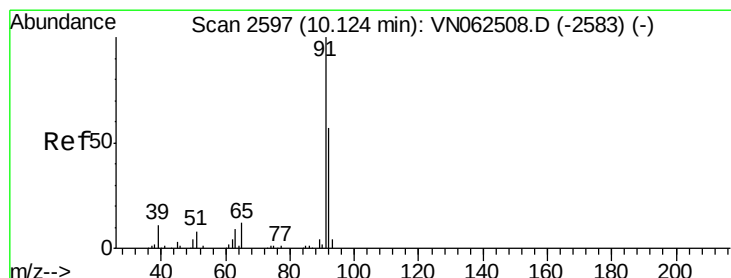
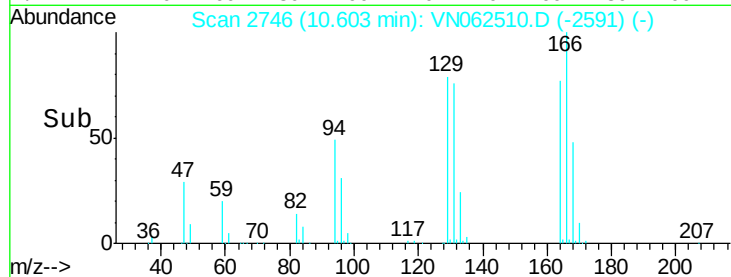
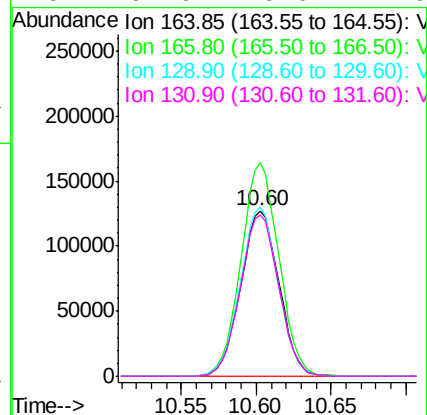
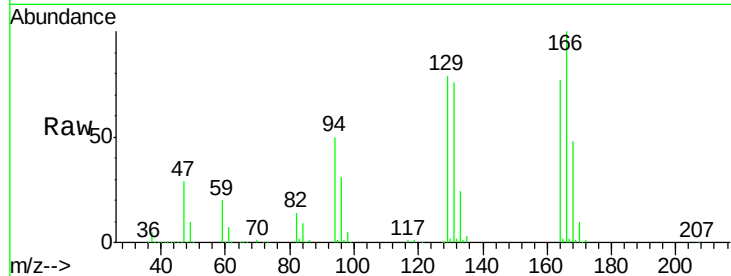
#61
Tetrachloroethene
Concen: 64.506 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	97.7	146.5
129	102.1	77.0	115.4
131	97.9	75.0	112.6

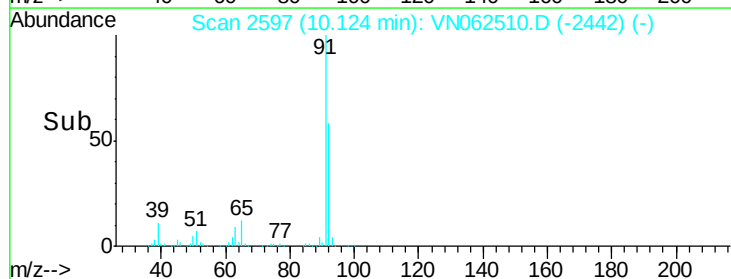
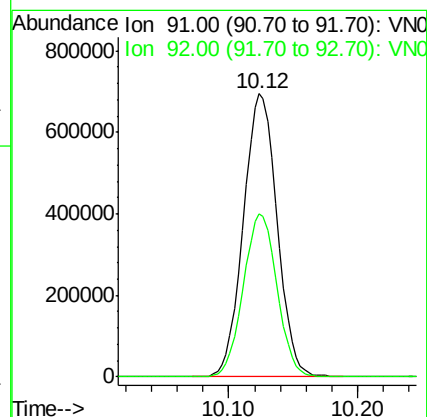
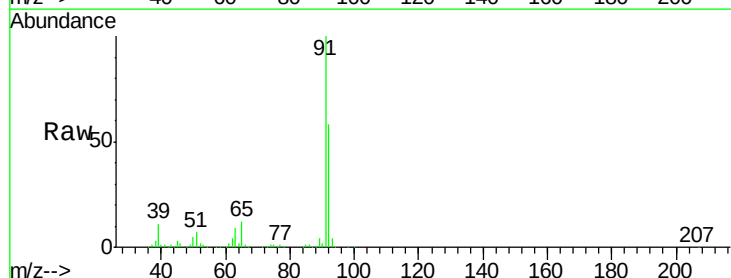
Manual Integrations
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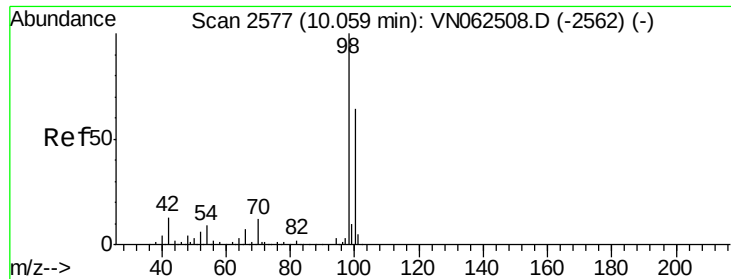
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#62
Toluene
Concen: 99.347 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	45.8	68.6





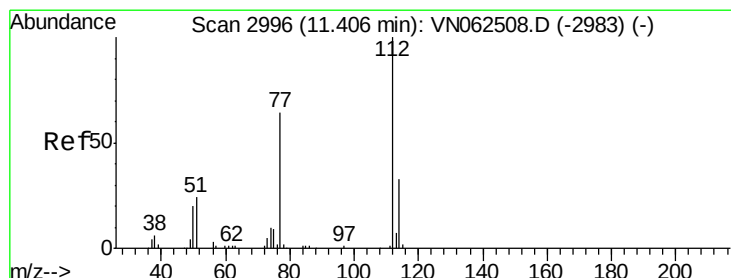
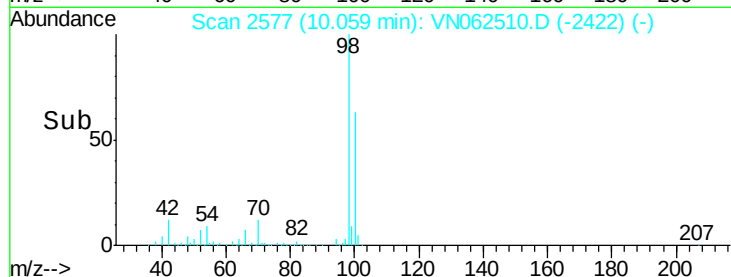
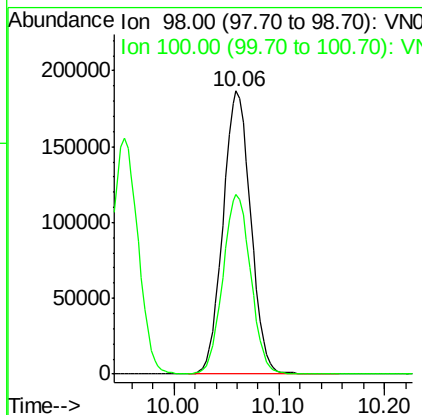
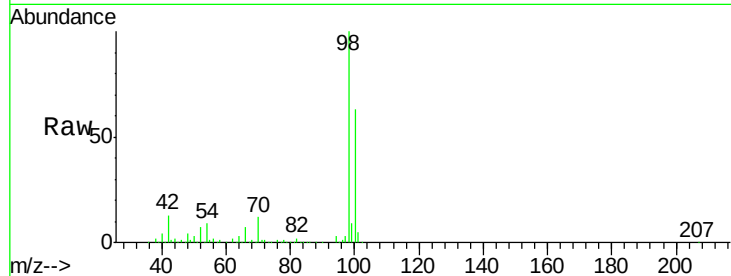
#63
Toluene-d8
Concen: 32.120 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 98 Resp: 339412
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

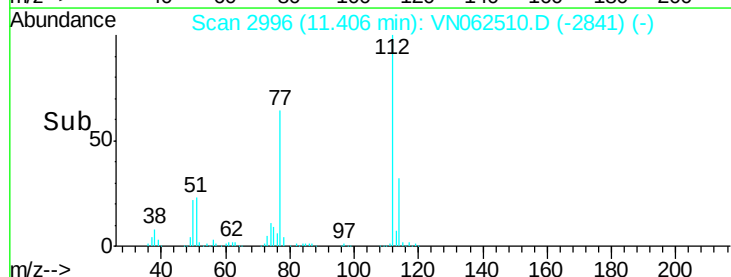
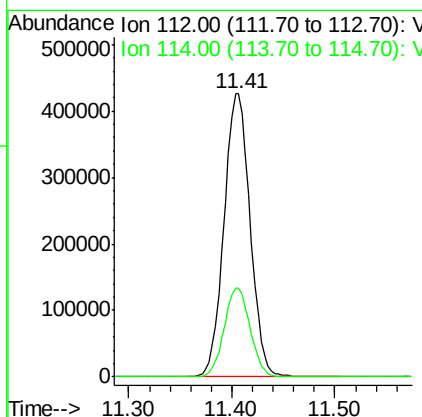
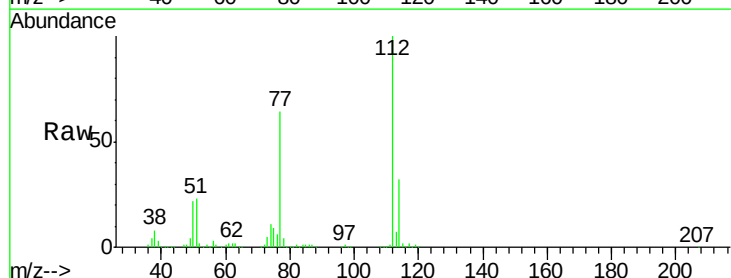
Manual Integrations
APPROVED

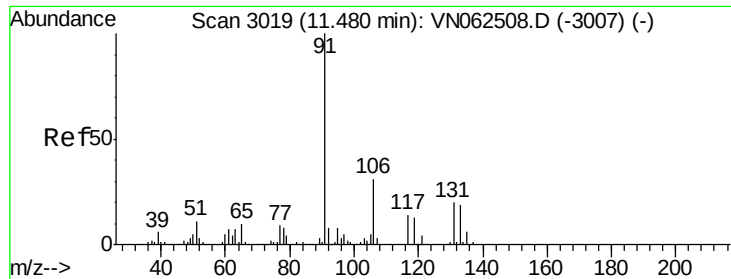
MMDadoda
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#64
Chlorobenzene
Concen: 93.686 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion: 112 Resp: 750333
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 91.210 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

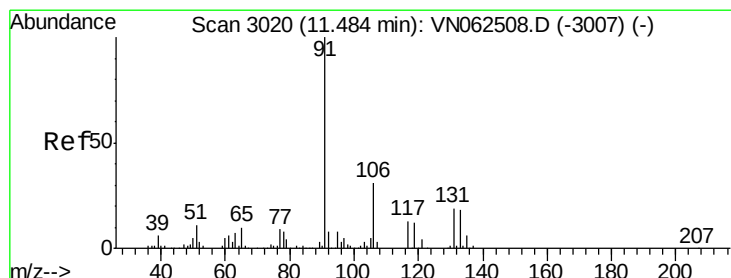
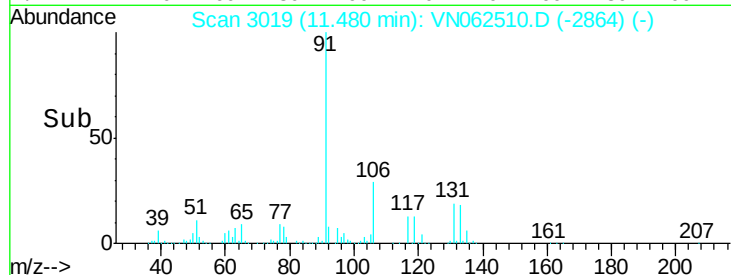
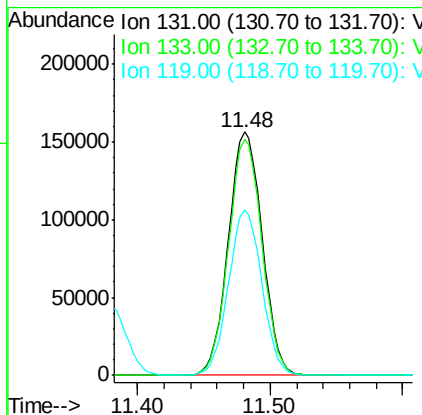
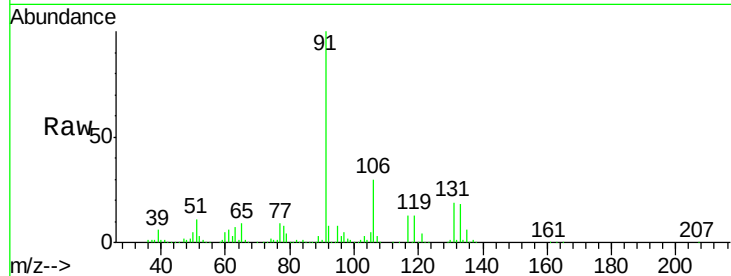
ClientSampled :

VSTDIC100

Tot Ion:	131	Resp:	278170
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	191.4
119	66.4	0.0	136.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 102.396 ug/l

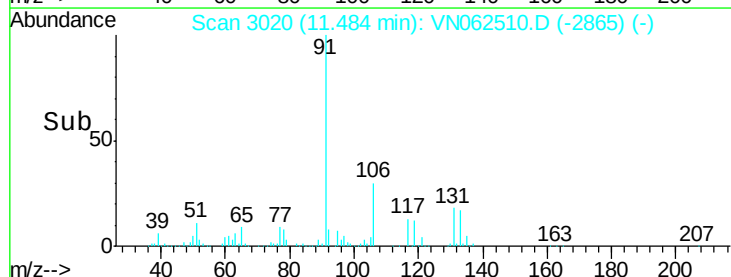
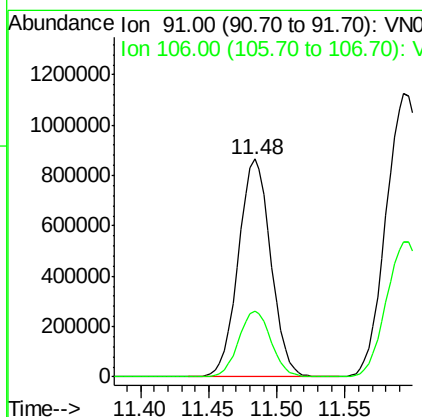
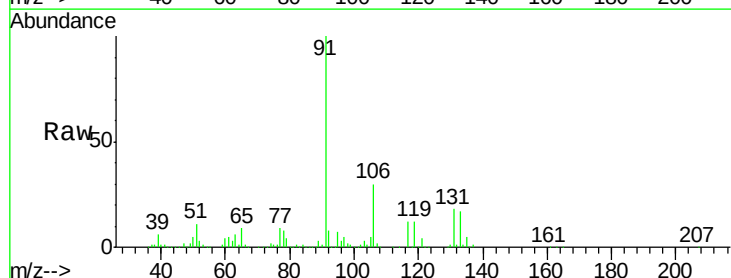
RT: 11.48 min Scan# 3020

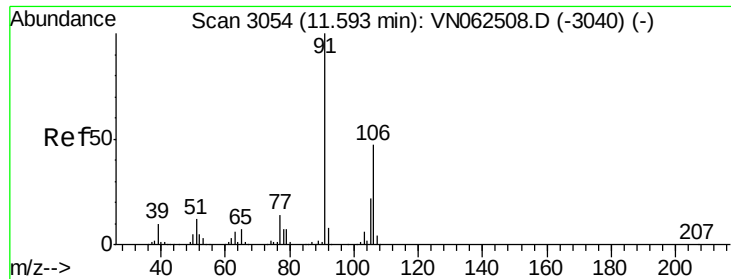
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	91	Resp:	1430528
Ion Ratio	Lower	Upper	
91	100		
106	30.1	24.6	36.8





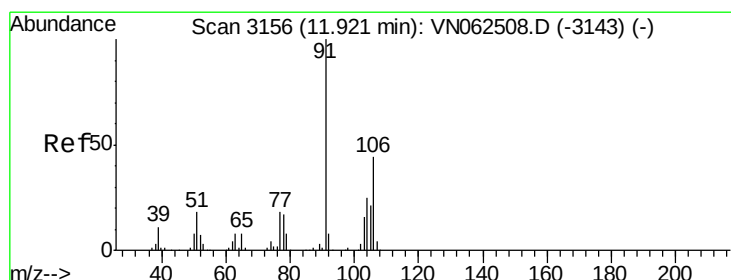
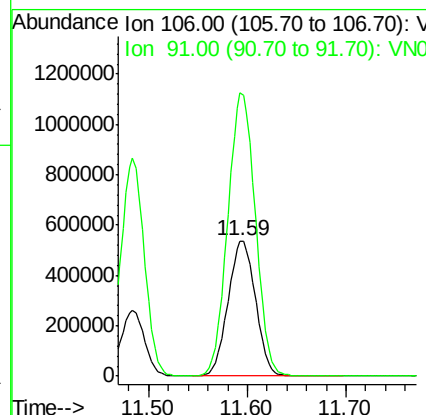
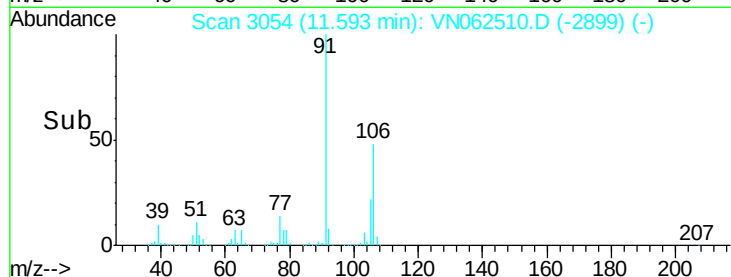
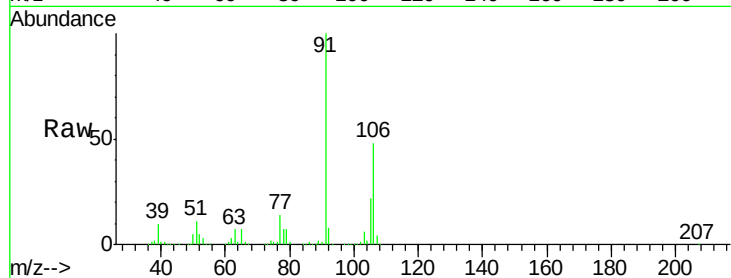
#67
m/p-Xylenes
Concen: 192.410 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1046188
Ion Ratio Lower Upper
106 100
91 210.6 170.7 256.1

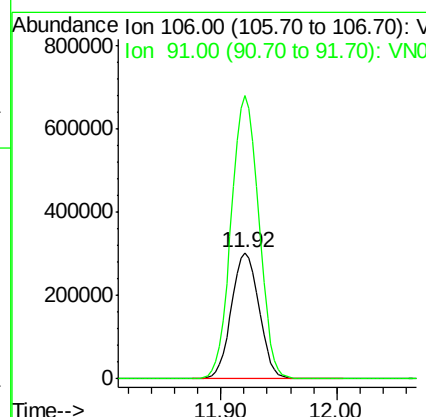
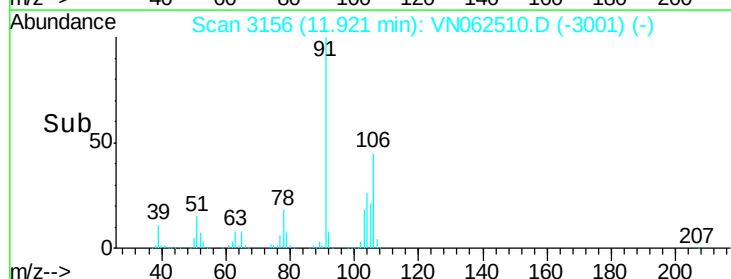
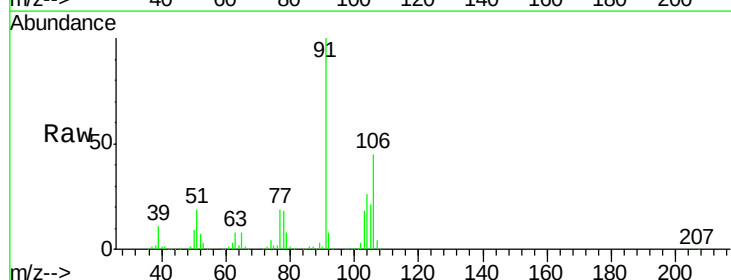
Manual Integrations
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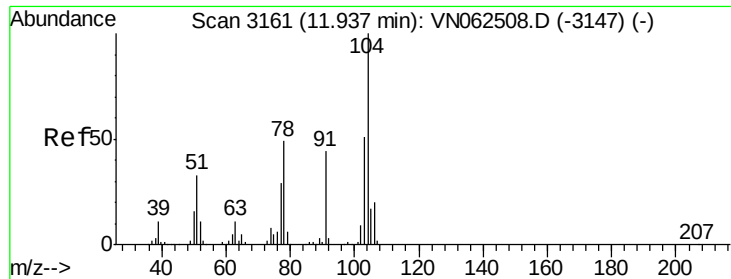
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#68
o-Xylene
Concen: 97.220 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion:106 Resp: 500998
Ion Ratio Lower Upper
106 100
91 224.3 113.9 341.6





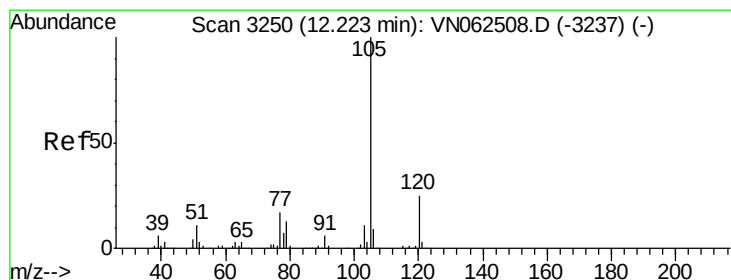
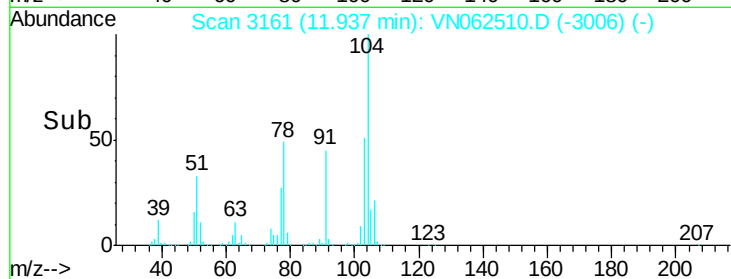
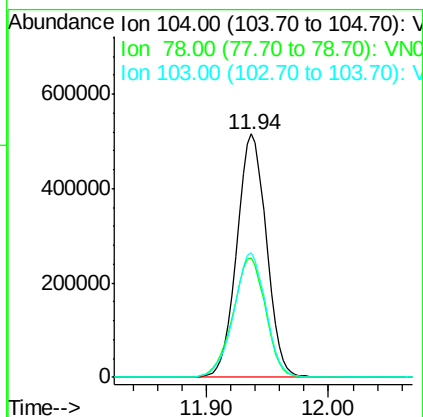
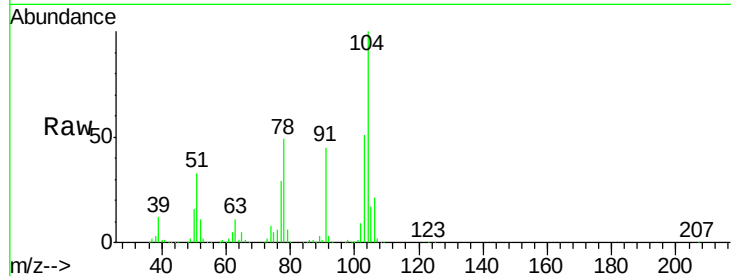
#69
Stvrene
Concen: 98.482 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	43.9	65.9
103	55.2	43.8	65.6

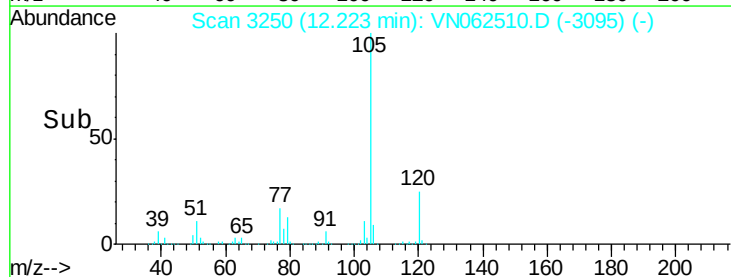
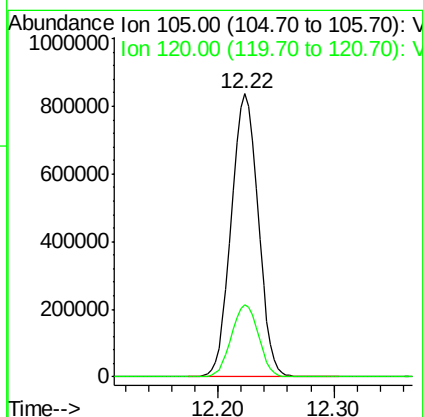
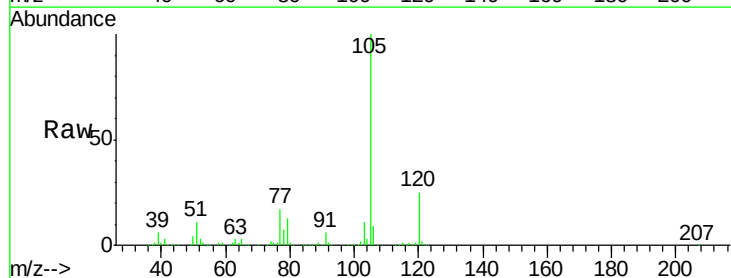
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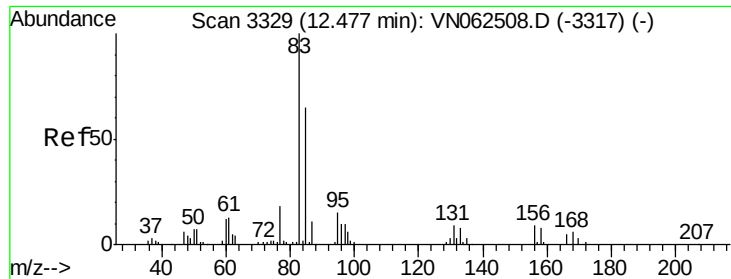
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#70
Isopropylbenzene
Concen: 98.131 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	17.6	32.8





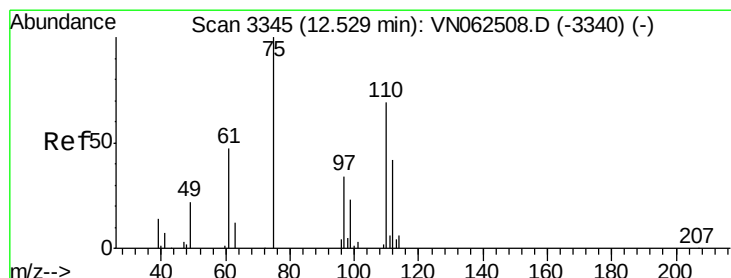
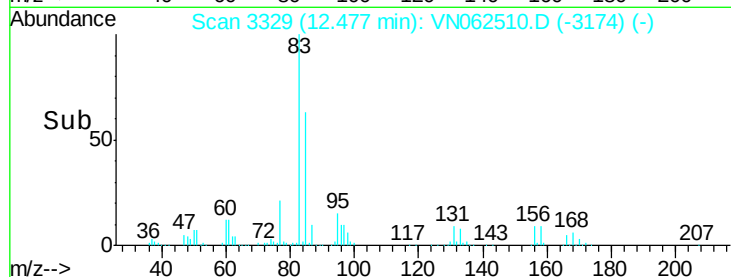
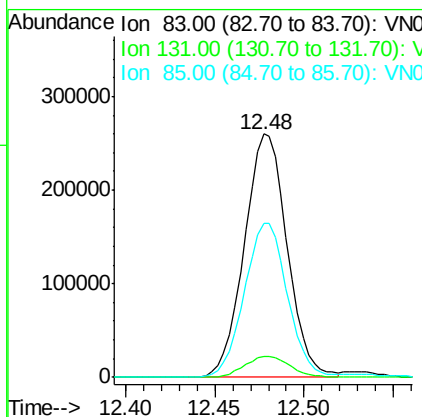
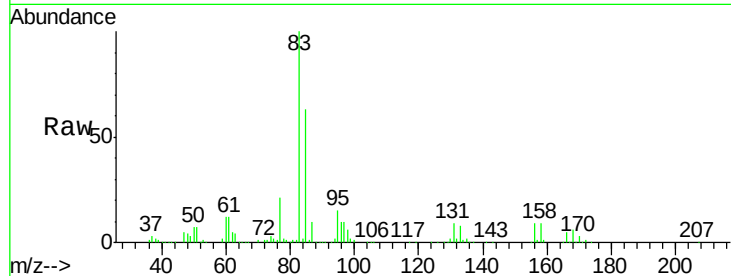
#71
 1,1,2,2-Tetrachloroethane
 Concen: 114.679 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.1	4.5	13.7	
85	63.4	32.5	97.4	

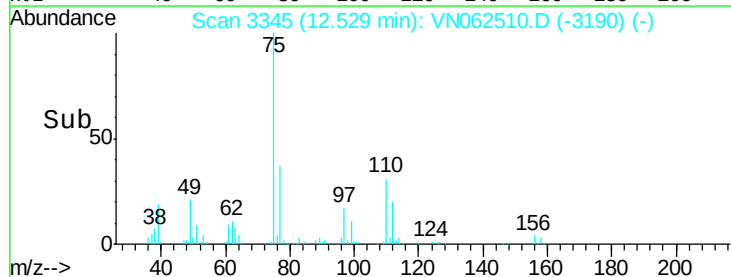
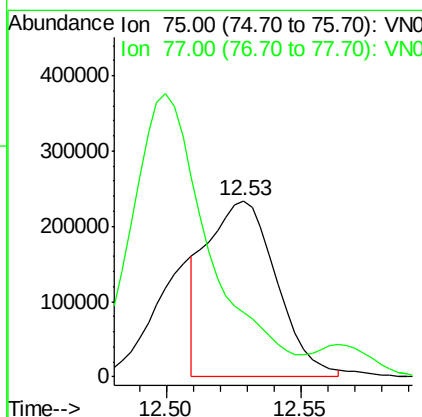
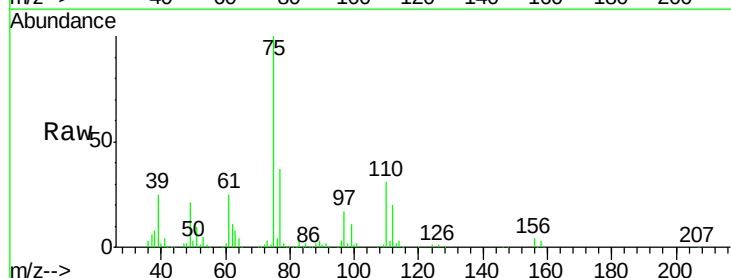
Manual Integrations
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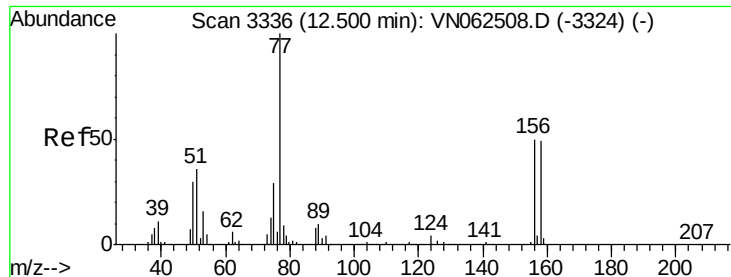
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#72
 1,2,3-Trichloropropane
 Concen: 117.698 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	182.4	0.0	376.2	





#73

Bromobenzene

Concen: 86.505 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

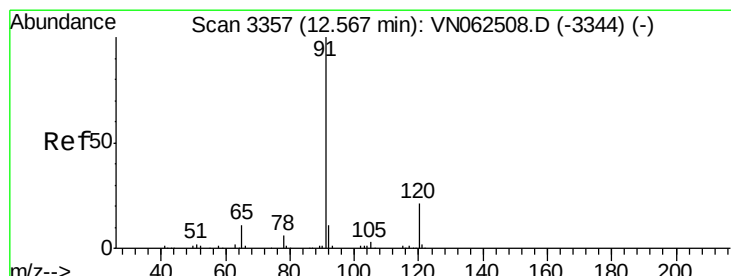
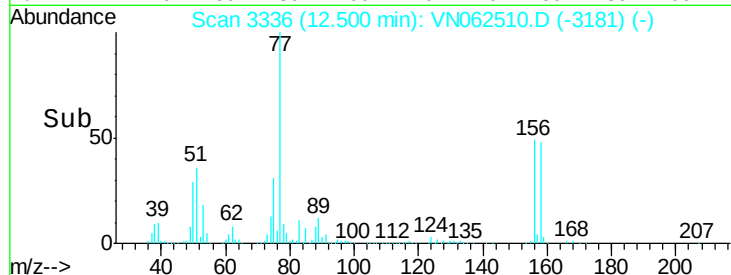
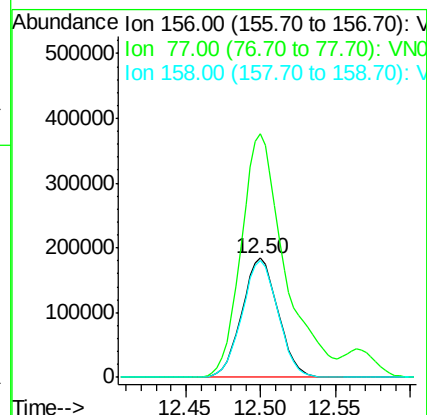
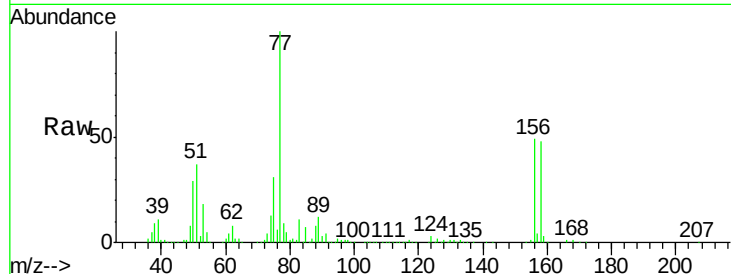
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	310595
Ion Ratio	Lower	Upper	
156	100		
77	245.6	0.0	485.0
158	97.5	0.0	192.6

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#74

n-propylbenzene

Concen: 104.427 ug/l

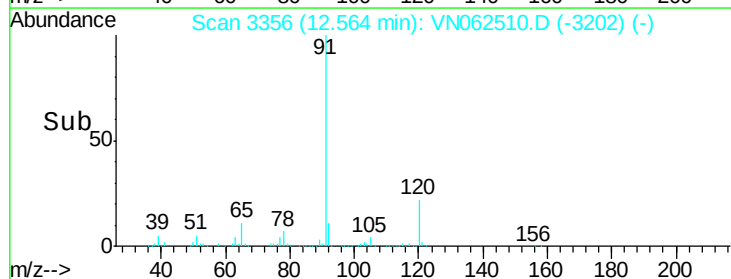
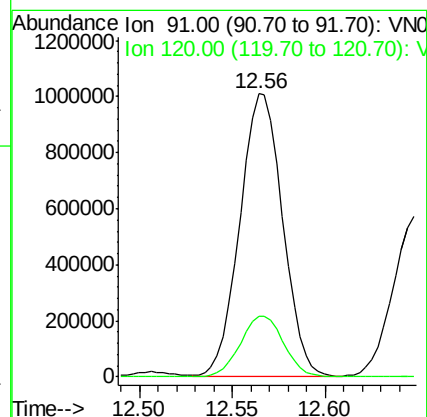
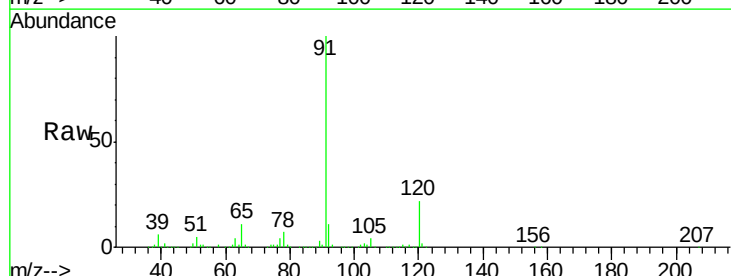
RT: 12.56 min Scan# 3356

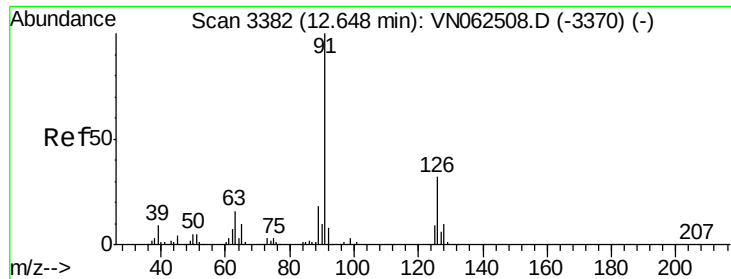
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	91	Resp:	1623487
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	42.8





#75

2-Chlorotoluene

Concen: 103.898 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 961782

Ion Ratio Lower Upper

91 100

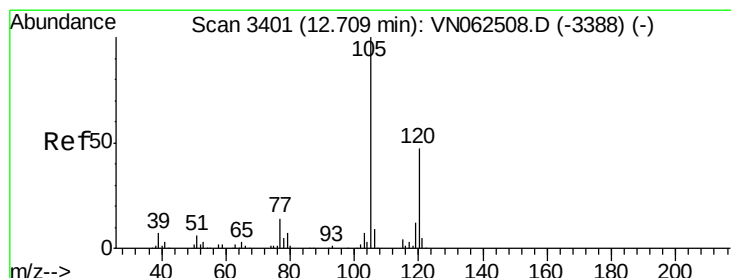
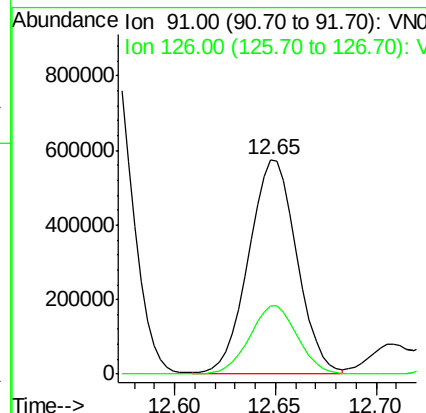
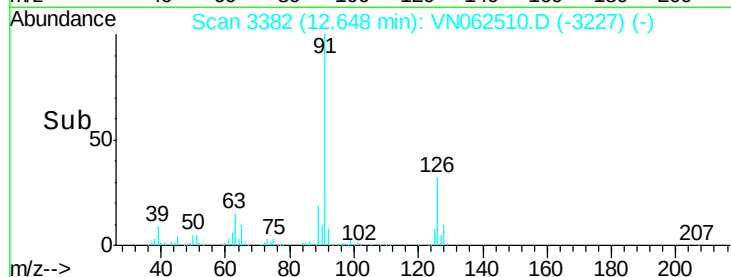
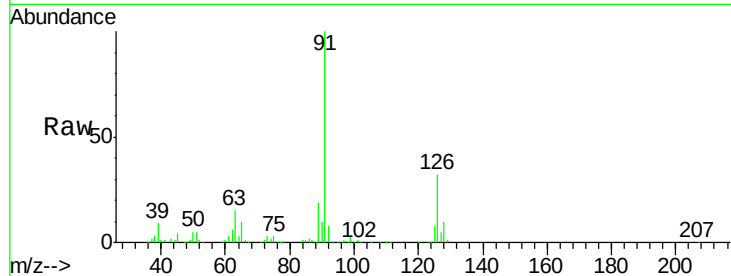
126 31.8 0.0 62.2

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 101.482 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062510.D

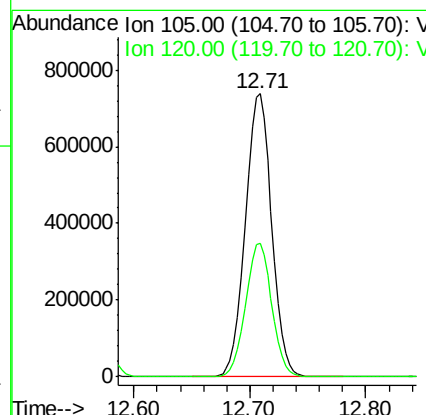
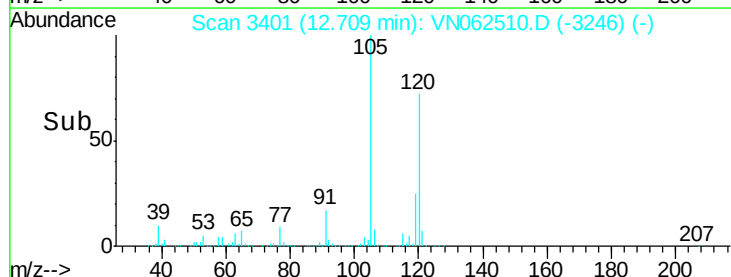
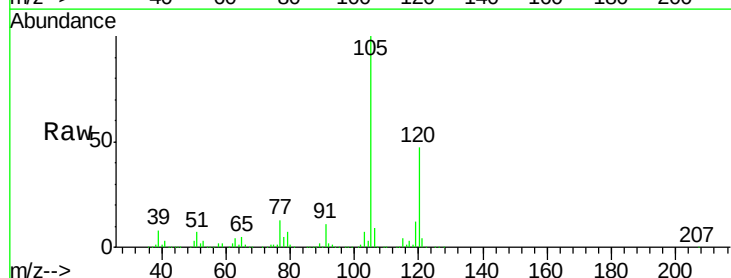
Acq: 13 Jul 2020 10:48

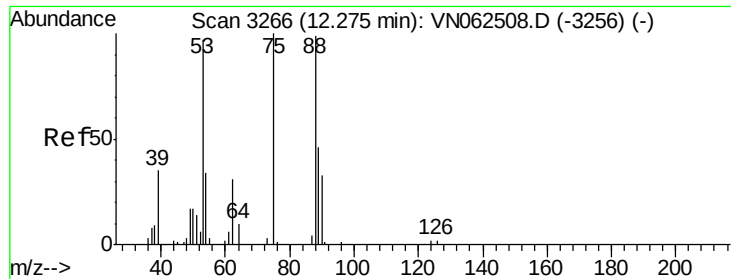
Tgt Ion: 105 Resp: 1157397

Ion Ratio Lower Upper

105 100

120 47.0 0.0 95.0





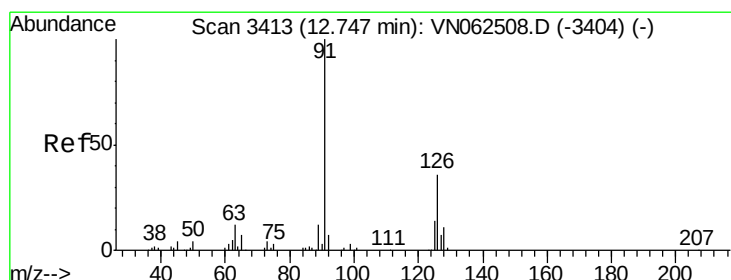
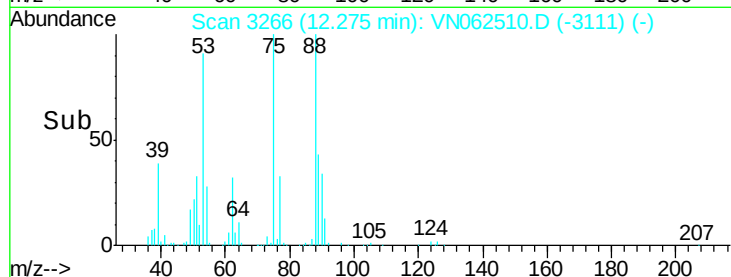
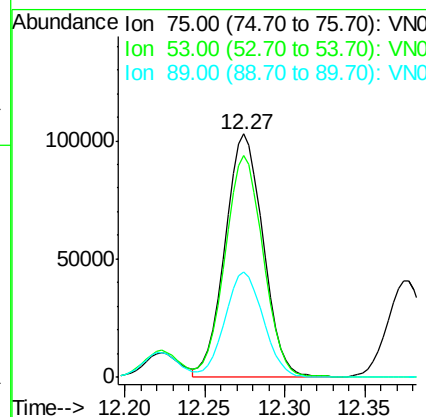
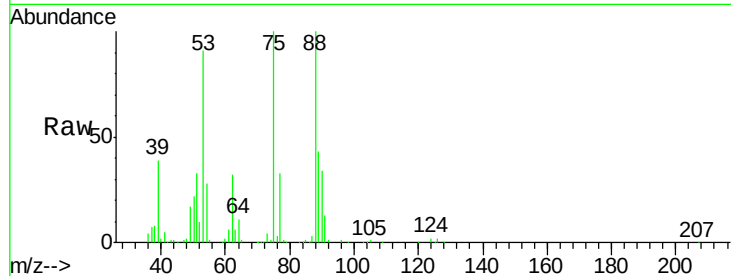
#77
t-1,4-Dichloro-2-butene
Concen: 128.454 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.2	48.3	144.8
89	43.6	23.3	69.8

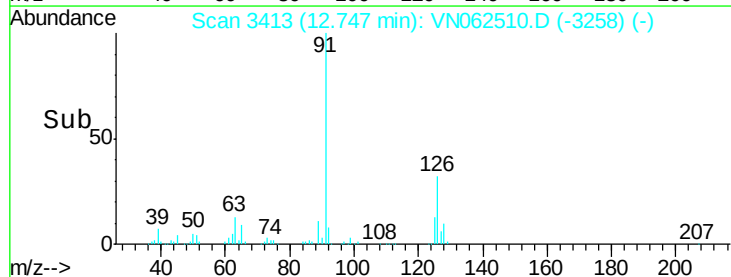
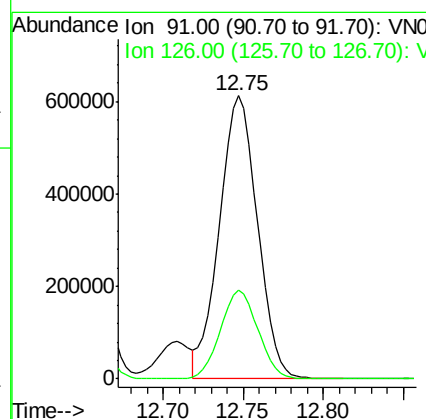
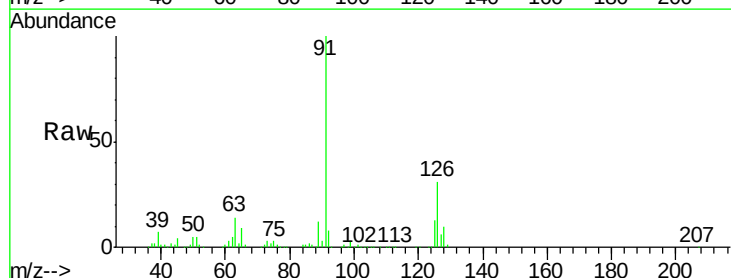
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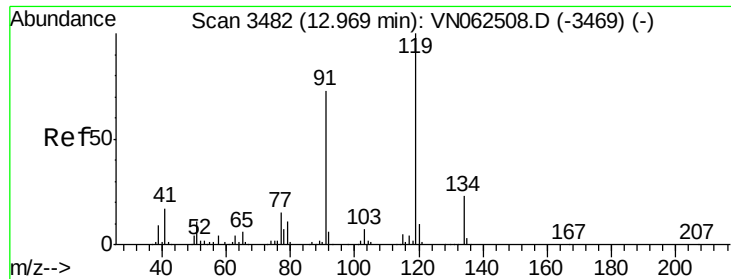
MMDadoda
7/14/2020 11:36:44 AM



#78
4-Chlorotoluene
Concen: 104.376 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	62.2





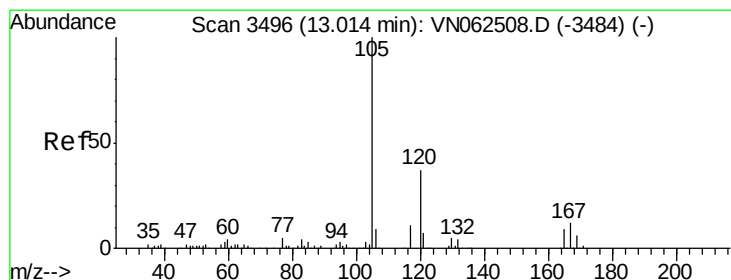
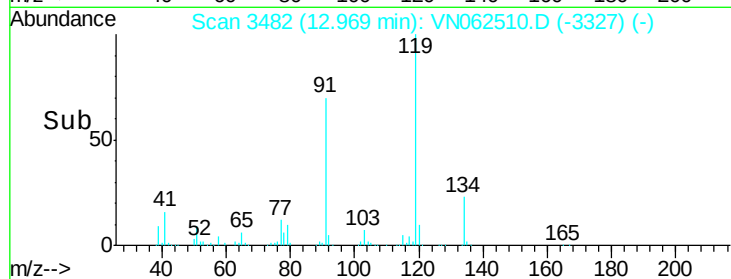
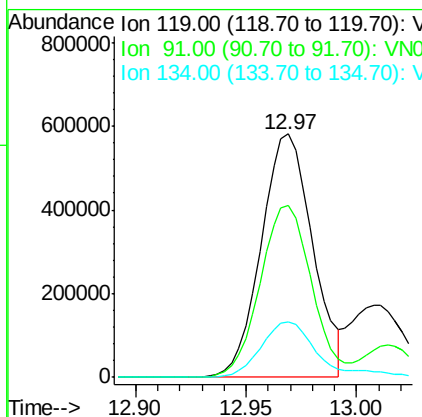
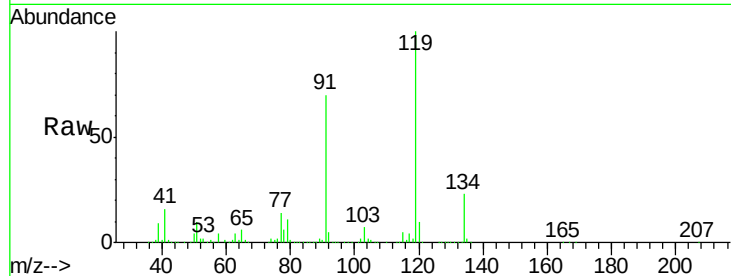
#79
tert-butylbenzene
Concen: 95.459 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	939305		
91	70.2	0.0	139.8	
134	25.4	0.0	45.0	

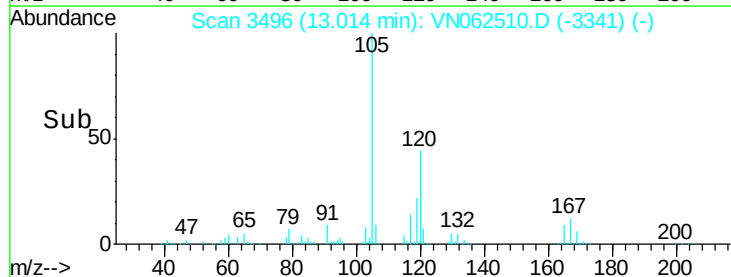
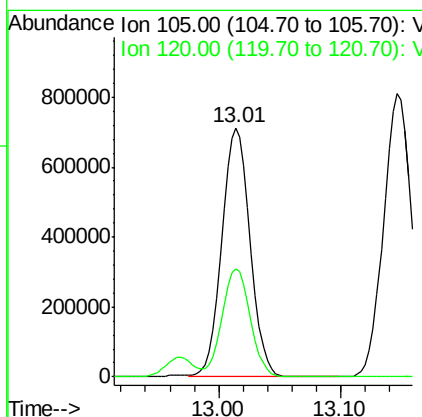
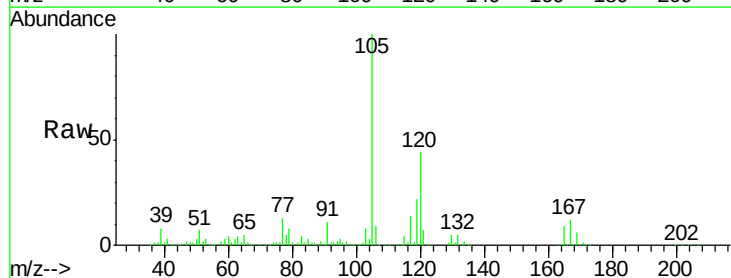
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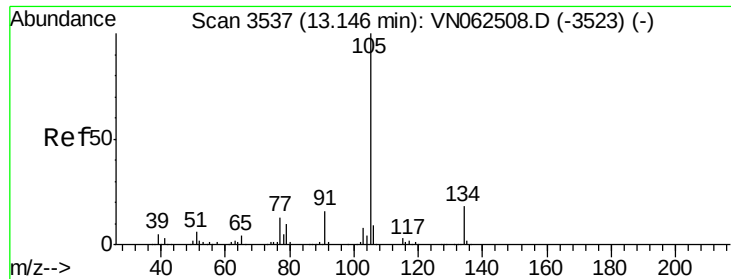
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#80
1,2,4-Trimethylbenzene
Concen: 100.873 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1153982		
120	43.6	0.0	86.6	





#81

sec-Butylbenzene

Concen: 102.426 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1302419

Ion Ratio Lower Upper

105 100

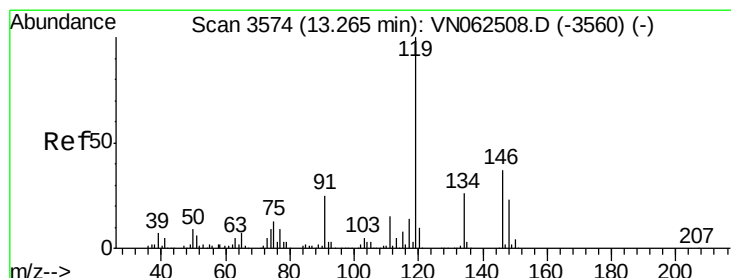
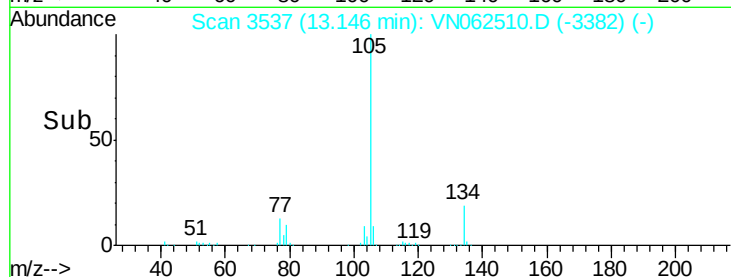
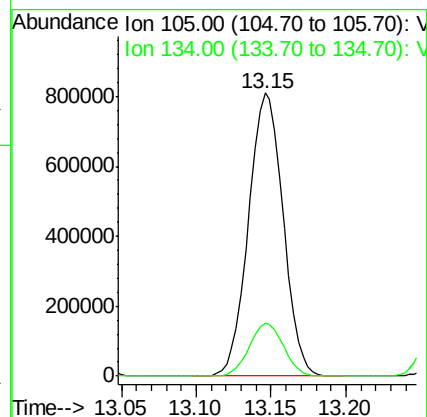
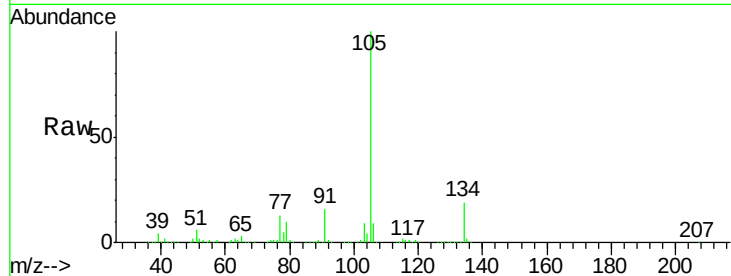
134 18.6 0.0 37.2

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#82

p-Isopropyltoluene

Concen: 99.488 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

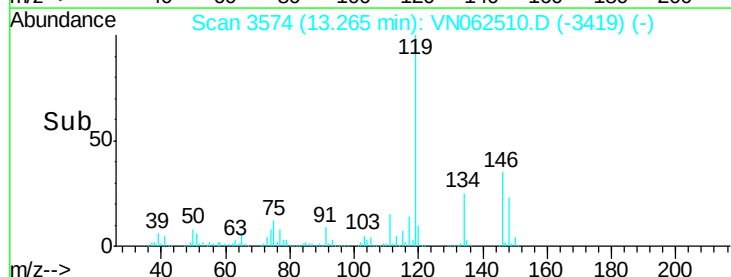
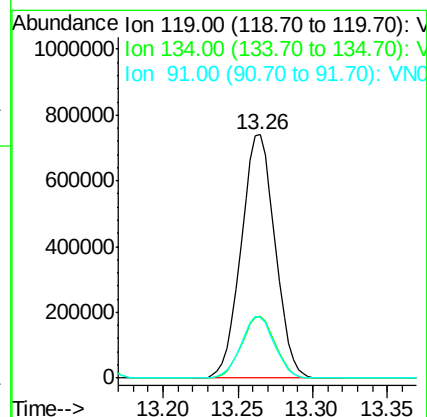
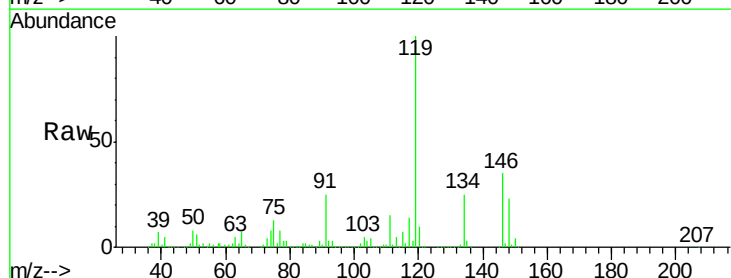
Tgt Ion:119 Resp: 1163975

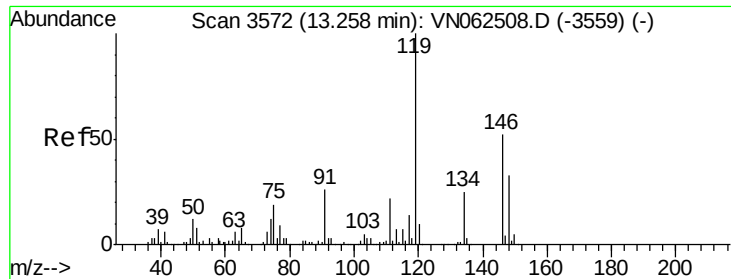
Ion Ratio Lower Upper

119 100

134 25.3 0.0 50.8

91 25.0 0.0 51.2





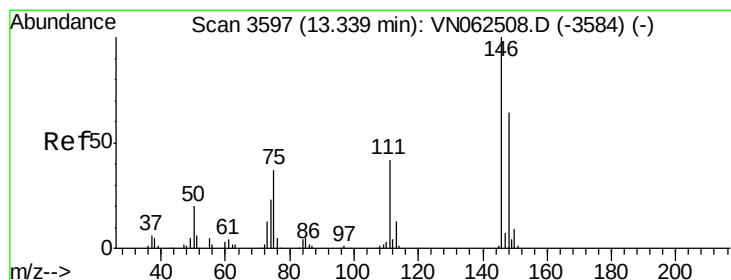
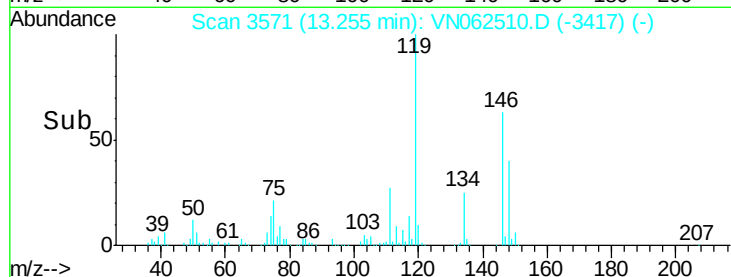
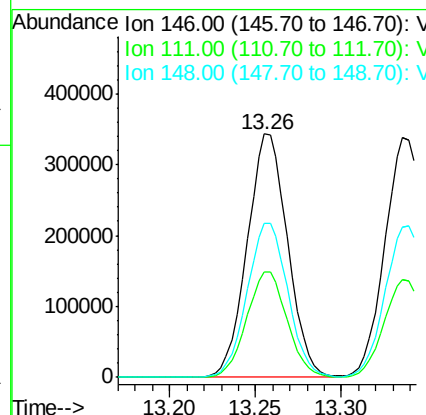
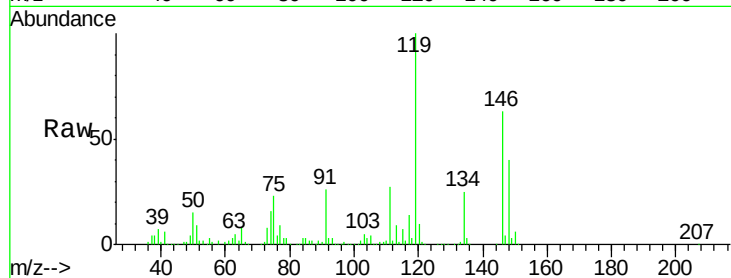
#83
 1,3-Dichlorobenzene
 Concen: 88.151 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.0	63.0
148	63.7	31.7	95.1

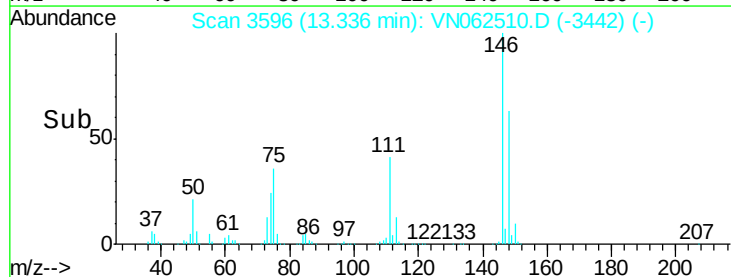
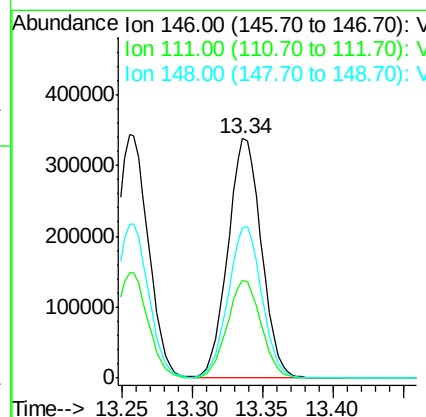
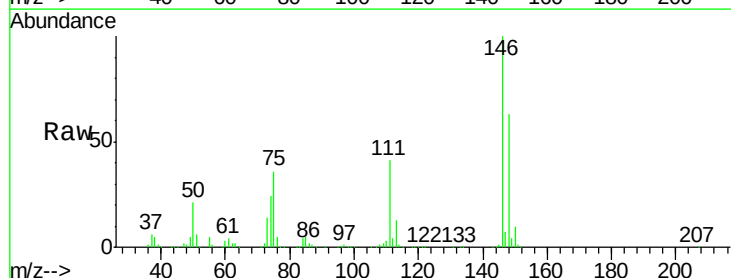
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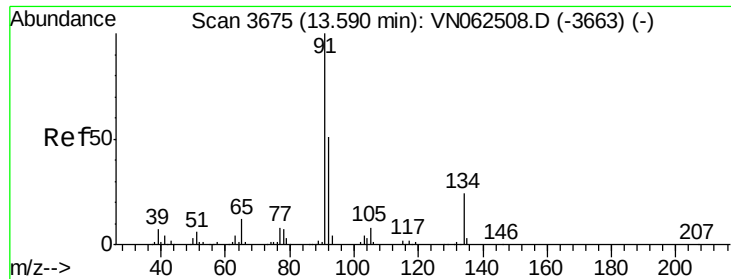
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#84
 1,4-Dichlorobenzene
 Concen: 89.635 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.2
148	63.5	32.4	97.2





#85

n-Butylbenzene

Concen: 107.824 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Instrument :

MSVOA_N

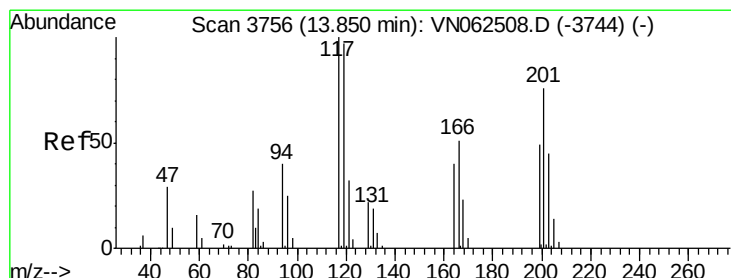
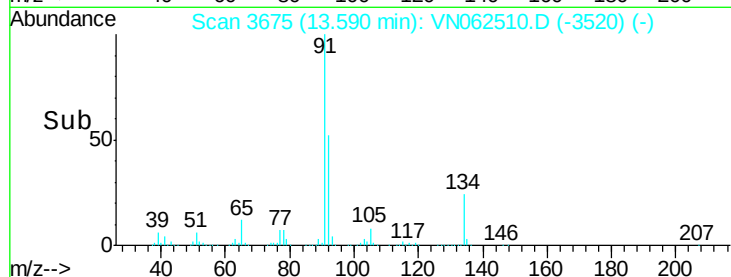
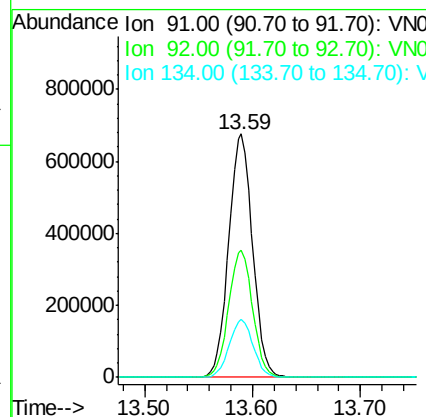
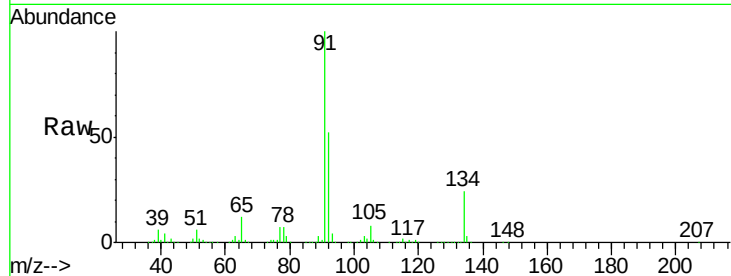
ClientSampleId :

VSTDIC100

Tot Ion:	91	Resp:	1040804
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	102.4
134	23.6	0.0	46.6

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#86

Hexachloroethane

Concen: 127.849 ug/l

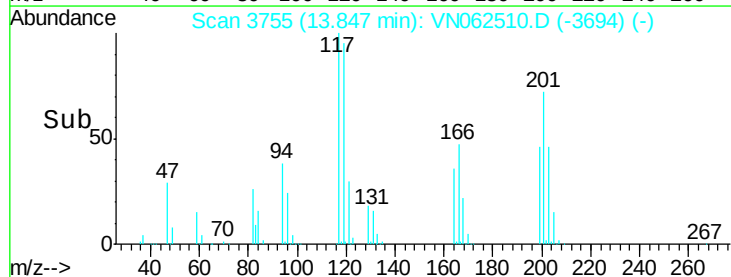
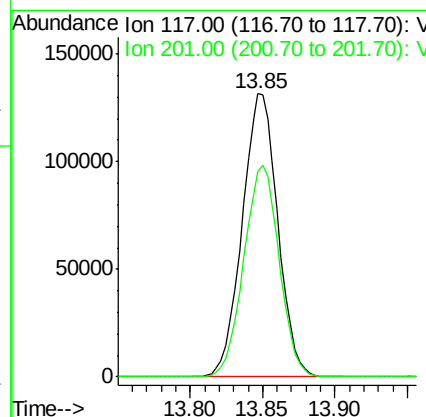
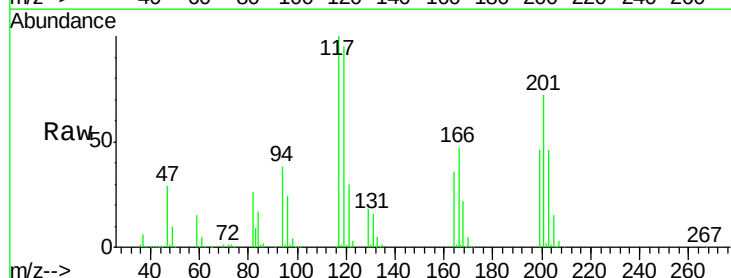
RT: 13.85 min Scan# 3755

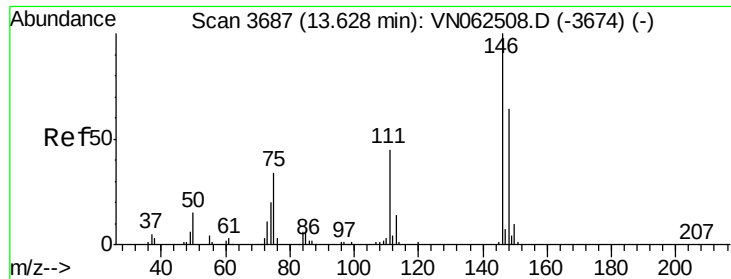
Delta R.T. -0.00 min

Lab File: VN062510.D

Acq: 13 Jul 2020 10:48

Tgt Ion:	117	Resp:	223591
Ion	Ratio	Lower	Upper
117	100		
201	74.4	37.4	112.2





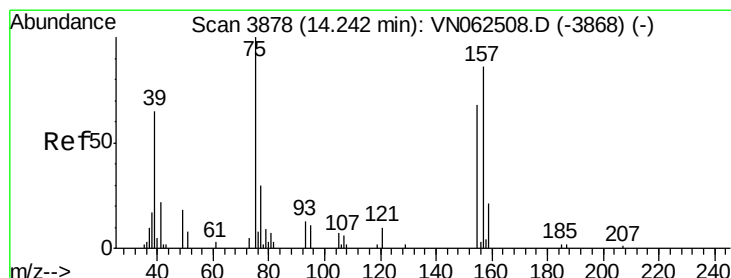
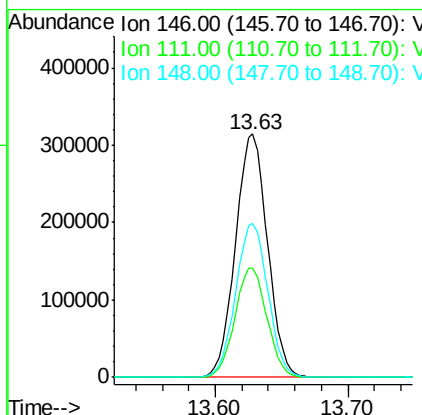
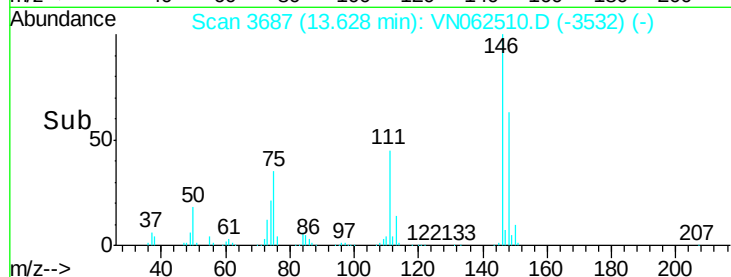
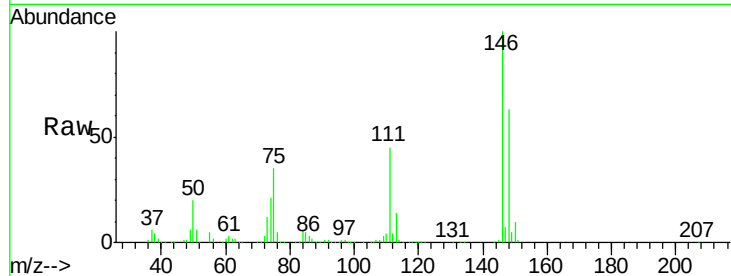
#87
 1,2-Dichlorobenzene
 Concen: 87.361 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.0
148	63.7	32.1	96.3

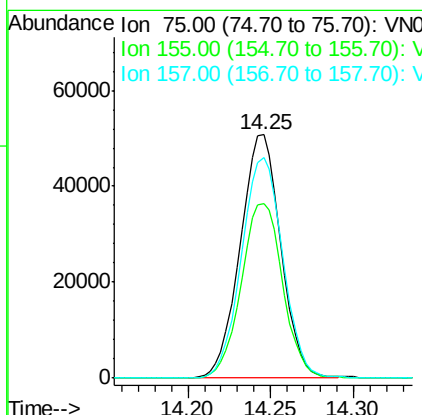
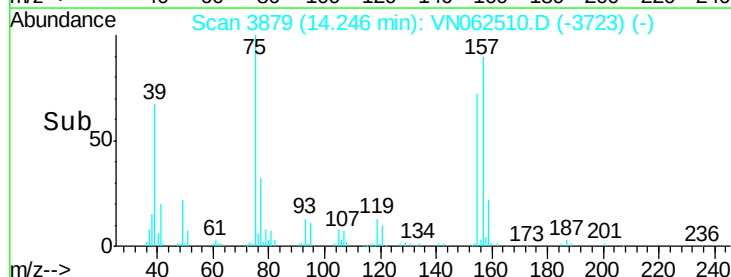
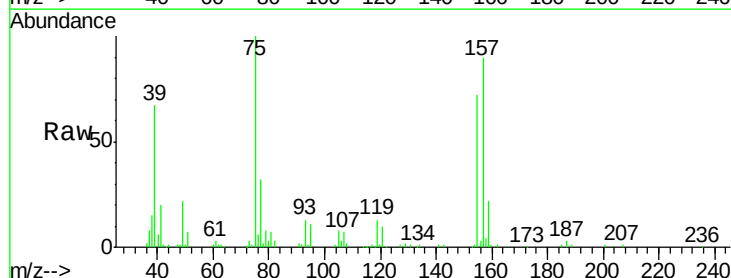
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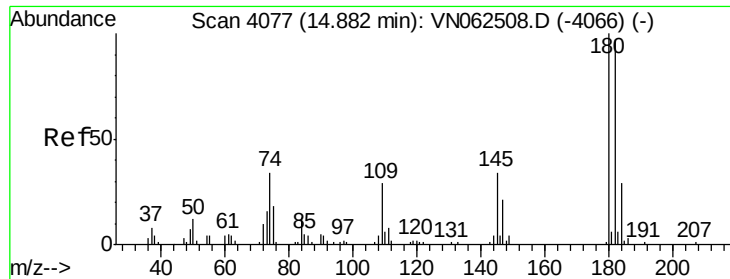
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 121.510 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	55.7	83.5
157	92.2	71.0	106.6





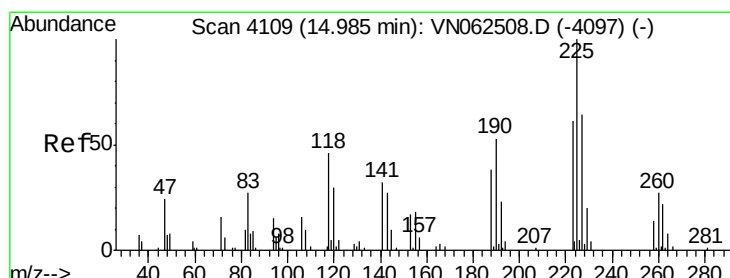
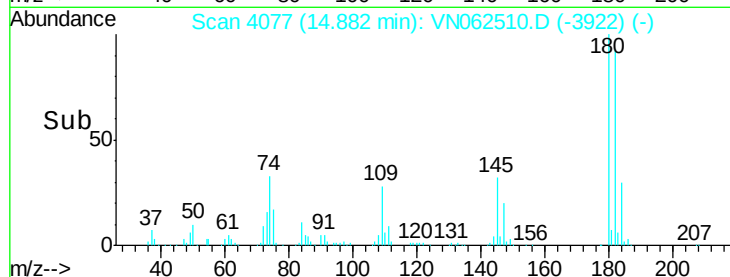
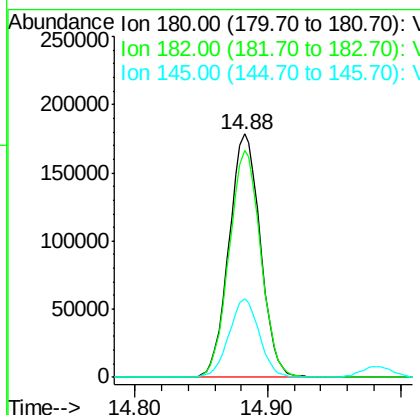
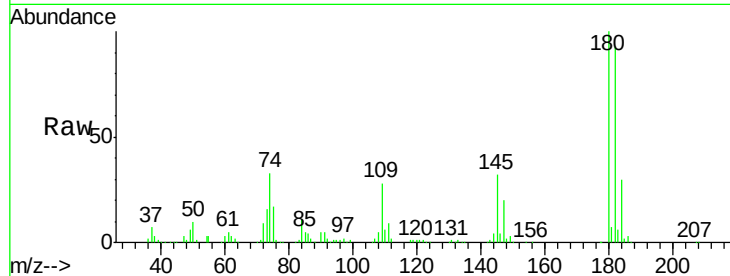
#89
 1,2,4-Trichlorobenzene
 Concen: 84.887 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	292667		
182	93.9	77.5	116.3	
145	31.3	26.1	39.1	

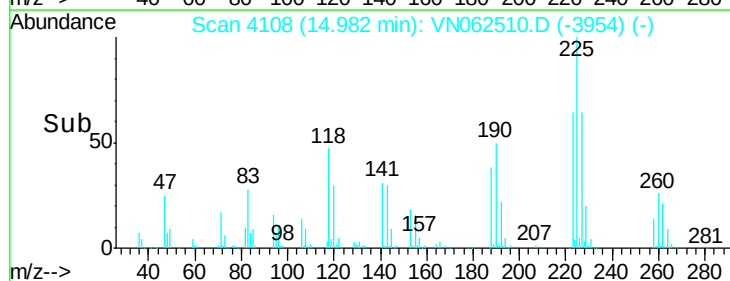
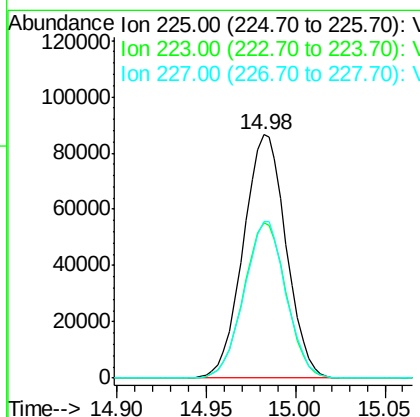
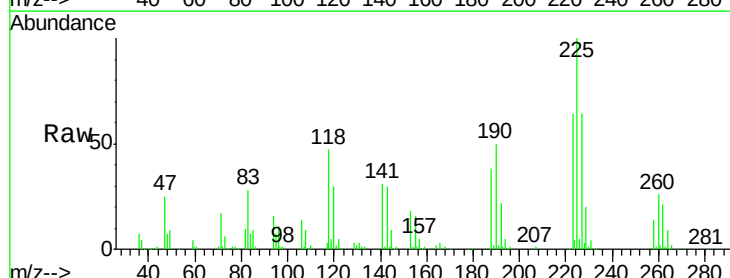
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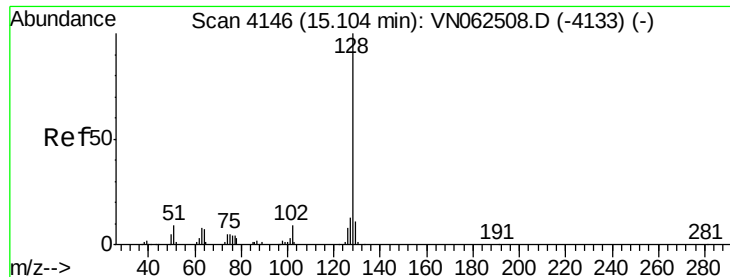
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#90
 Hexachlorobutadiene
 Concen: 93.105 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062510.D
 Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145004		
223	63.2	0.0	120.4	
227	63.2	0.0	129.6	





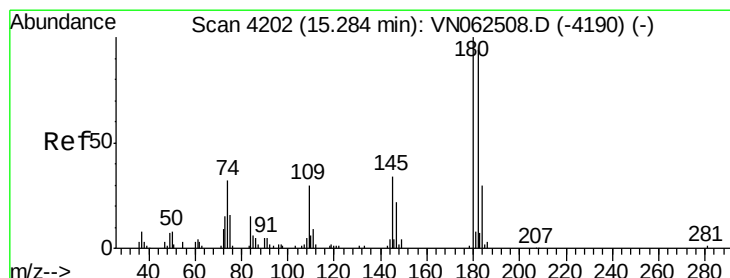
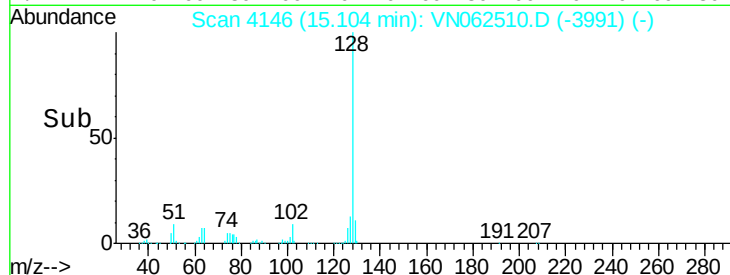
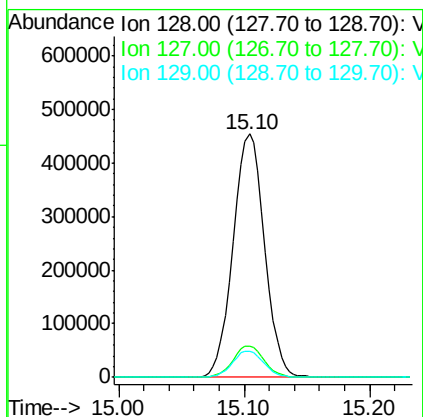
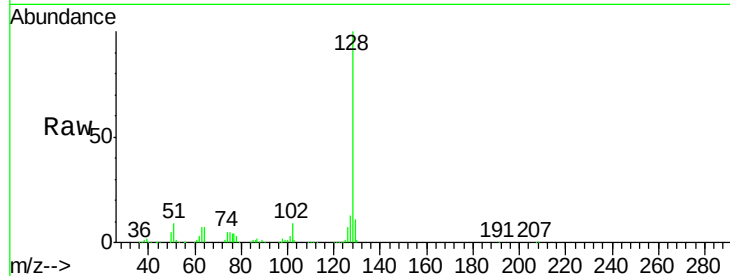
#91
Naphthalene
Concen: 82.821 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 85.157 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062510.D
Acq: 13 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	187.2
145	33.1	0.0	67.8

