

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062758.D
 Acq On : 5 Aug 2020 13:04
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:51:50 PM

Quant Time: Aug 05 13:25:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	379963	156.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.74%	
35) Dibromofluoromethane	7.55	113	255890	156.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.02%	
50) Toluene-d8	10.06	98	1028797	157.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.38	95	419624	174.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	338626	174.043	ug/l	98
3) Chloromethane	2.03	50	319266	130.293	ug/l	97
4) Vinyl Chloride	2.16	62	294700	137.033	ug/l	99
5) Bromomethane	2.49	94	198637	194.454	ug/l	96
6) Chloroethane	2.63	64	191386	185.547	ug/l	95
7) Trichlorofluoromethane	2.96	101	489352	181.825	ug/l	100
8) Diethyl Ether	3.37	74	144882	125.182	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.70	101	207373	129.027	ug/l	98
10) Methyl Iodide	3.90	142	278836	137.817	ug/l	97
11) Tert butyl alcohol	4.75	59	305963	777.515	ug/l	100
12) 1,1-Dichloroethene	3.68	96	192655	119.611	ug/l	94
13) Acrolein	3.56	56	196656	577.198	ug/l	99
14) Allyl chloride	4.27	41	383556	112.543	ug/l	98
15) Acrylonitrile	4.93	53	747854	736.256	ug/l	99
16) Acetone	3.78	43	628039	693.701	ug/l	100
17) Carbon Disulfide	4.00	76	554375	106.407	ug/l	98
18) Methyl Acetate	4.28	43	321212	140.032	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	903512	148.226	ug/l	99
20) Methylene Chloride	4.49	84	249550	118.131	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	216480	121.305	ug/l	98
22) Diisopropyl ether	5.90	45	856301	123.950	ug/l	98
23) Vinyl Acetate	5.84	43	3154990	570.698	ug/l	99
24) 1,1-Dichloroethane	5.79	63	462687	123.581	ug/l	99
25) 2-Butanone	6.79	43	979253	716.338	ug/l	99
26) 2,2-Dichloropropane	6.77	77	412753	131.709	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	263082	128.441	ug/l	97
28) Bromochloromethane	7.15	49	249704	136.661	ug/l	99
29) Tetrahydrofuran	7.17	42	634296	688.824	ug/l	99
30) Chloroform	7.33	83	494531	136.380	ug/l	99
31) Cyclohexane	7.61	56	444132	128.120	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	444648	144.747	ug/l	98
36) 1,1-Dichloropropene	7.75	75	345900	132.304	ug/l	99
37) Ethyl Acetate	6.88	43	360606	129.035	ug/l	98
38) Carbon Tetrachloride	7.73	117	394256	153.239	ug/l	97

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Manual Integrations
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 8/6/2020 1:51:50 PM

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	450600	157.477	ug/l	99
40) Benzene	8.00	78	1003095	127.602	ug/l	99
41) Methacrylonitrile	7.13	41	170814	137.691	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	424746	143.960	ug/l	99
43) Isopropyl Acetate	8.13	43	624719	138.473	ug/l	99
44) Trichloroethene	8.80	130	248920	138.991	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282447	128.034	ug/l	98
46) Dibromomethane	9.17	93	185383	142.979	ug/l	99
47) Bromodichloromethane	9.37	83	424319	149.297	ug/l	100
48) Methyl methacrylate	9.17	41	315253	145.666	ug/l	99
49) 1,4-Dioxane	9.17	88	118162	3412.008	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	2123581	772.875	ug/l	100
52) Toluene	10.13	92	655787	142.146	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	484619	154.263	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	482469	145.180	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	267763	148.078	ug/l	98
56) Ethyl methacrylate	10.40	69	482548	167.291	ug/l	98
57) 1,3-Dichloropropane	10.68	76	475033	144.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669177	822.974	ug/l	100
59) 2-Hexanone	10.72	43	1619436	824.433	ug/l	99
60) Dibromochloromethane	10.88	129	331040	162.614	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283151	150.845	ug/l	99
64) Tetrachloroethene	10.60	164	212645	134.012	ug/l	98
65) Chlorobenzene	11.41	112	724139	141.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	294797	150.906	ug/l	97
67) Ethyl Benzene	11.48	91	1366060	145.787	ug/l	98
68) m/p-Xylenes	11.60	106	1002799	297.000	ug/l	98
69) o-Xylene	11.92	106	489974	152.534	ug/l	99
70) Styrene	11.94	104	879990	161.533	ug/l	99
71) Bromoform	12.10	173	248206	167.224	ug/l #	99
73) Isopropylbenzene	12.23	105	1368215	133.387	ug/l	100
74) N-amyl acetate	12.05	43	618267	138.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	436558	122.902	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	458016m	137.479	ug/l	
77) Bromobenzene	12.50	156	329525	133.431	ug/l	97
78) n-propylbenzene	12.57	91	1655343	138.043	ug/l	100
79) 2-Chlorotoluene	12.65	91	995850	134.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1252057	146.483	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	168163	141.138	ug/l	98
82) 4-Chlorotoluene	12.75	91	1060991	137.491	ug/l	100
83) tert-Butylbenzene	12.97	119	1040267	146.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1254835	149.588	ug/l	100
85) sec-Butylbenzene	13.15	105	1389575	146.064	ug/l	100
86) p-Isopropyltoluene	13.26	119	1296220	157.496	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	613620	140.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	610021	142.419	ug/l	99
89) n-Butylbenzene	13.59	91	1155783	164.083	ug/l	100
90) Hexachloroethane	13.85	117	246612	140.686	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	583796	140.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	109428	163.510	ug/l	96

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 12:39:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	347982	180.820	ug/l	97
94) Hexachlorobutadiene	14.98	225	185766	146.530	ug/l	99
95) Naphthalene	15.10	128	951246	179.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	337470	172.042	ug/l	100

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

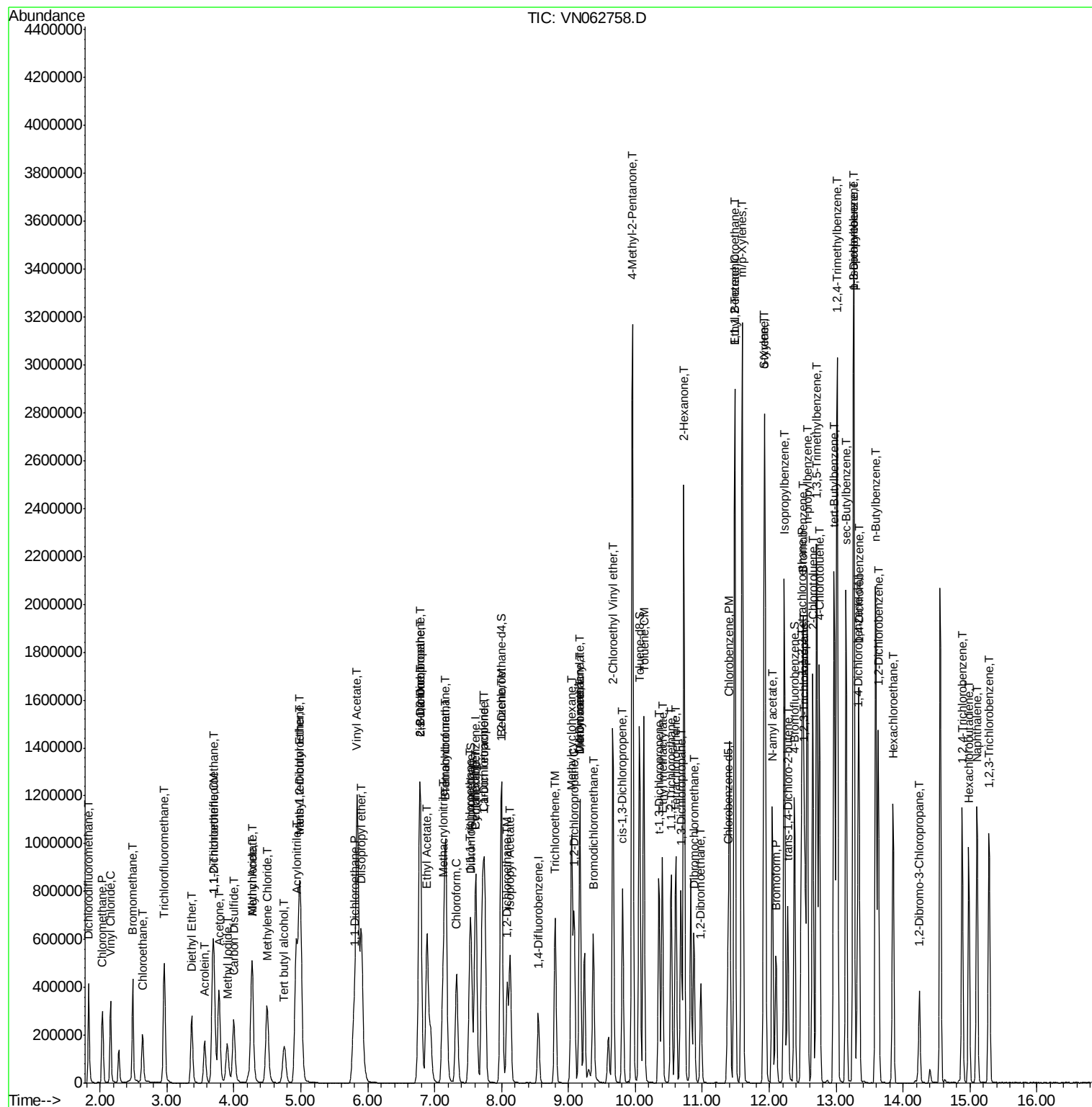
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Data File : VN062758.D
Acq On : 5 Aug 2020 13:04
Operator : JC/MD
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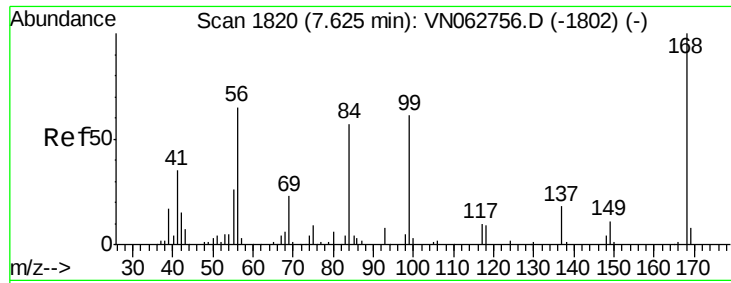
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 154722

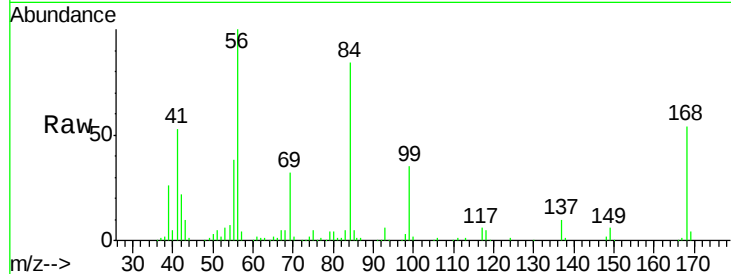
Ion Ratio Lower Upper

168 100

99 64.6 52.9 79.3

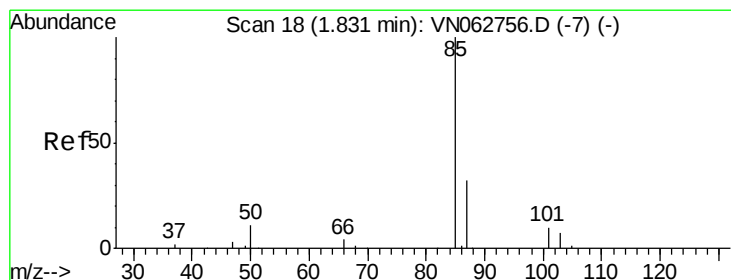
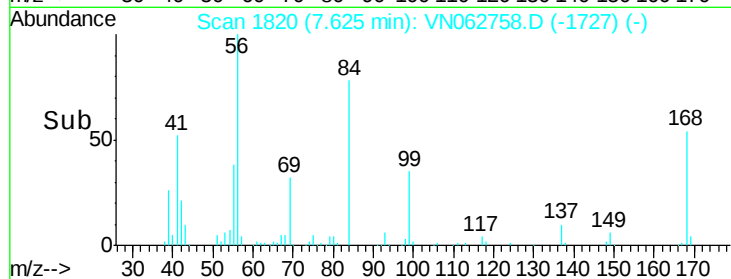
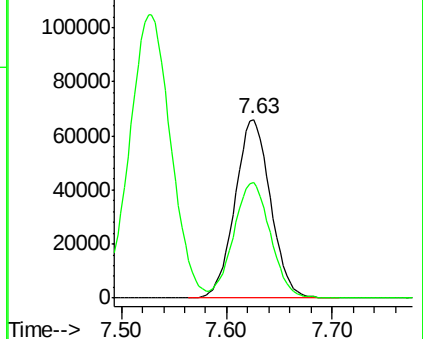
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 174.043 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062758.D

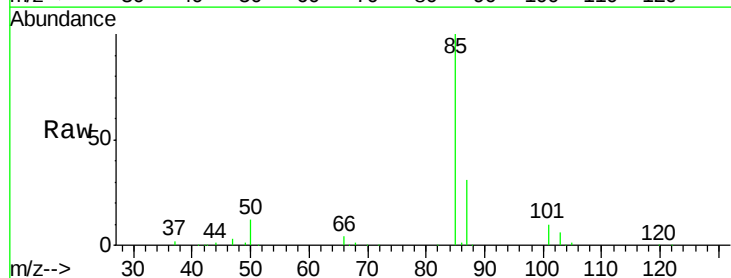
Acq: 5 Aug 2020 13:04

Tgt Ion: 85 Resp: 338626

Ion Ratio Lower Upper

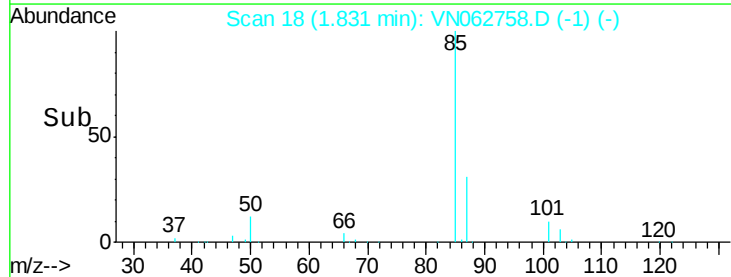
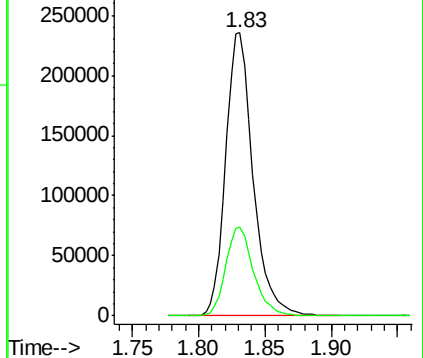
85 100

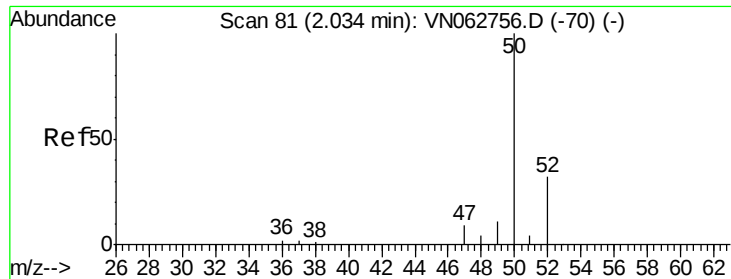
87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 130.293 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 319266

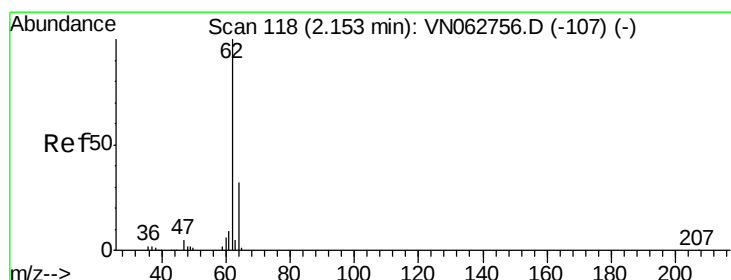
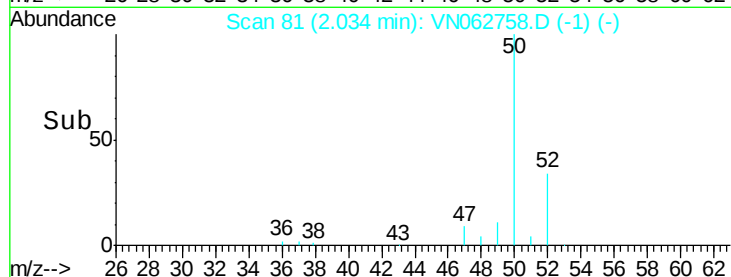
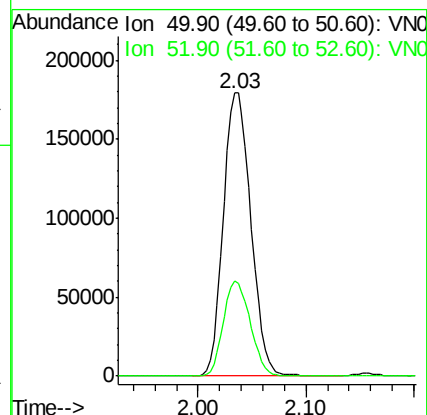
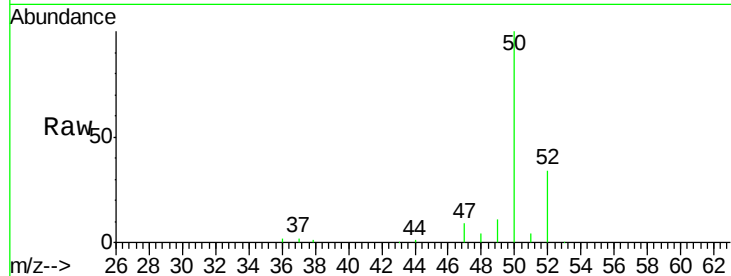
Ion Ratio Lower Upper

50 100

52 33.6 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 137.033 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062758.D

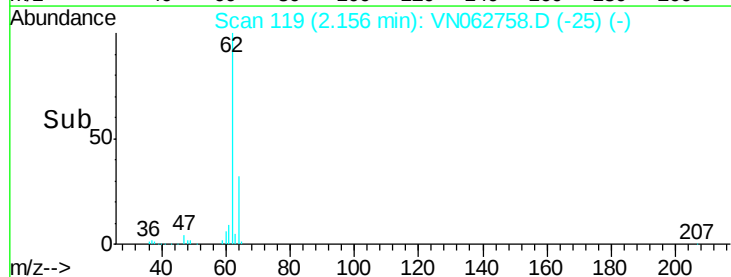
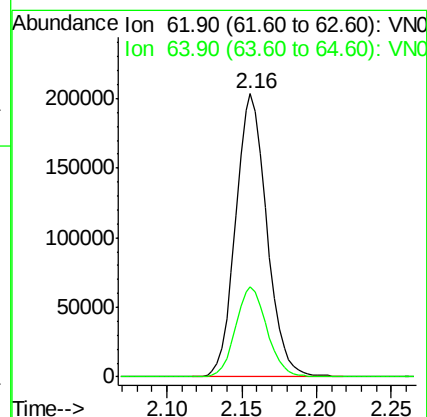
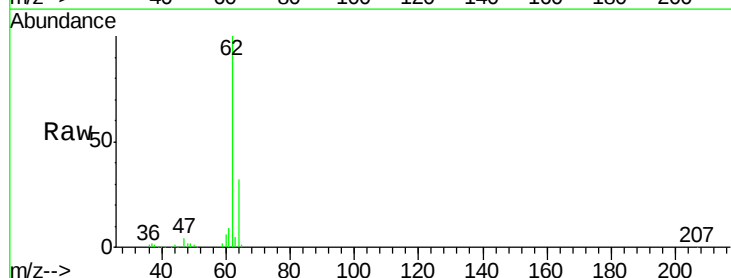
Acq: 5 Aug 2020 13:04

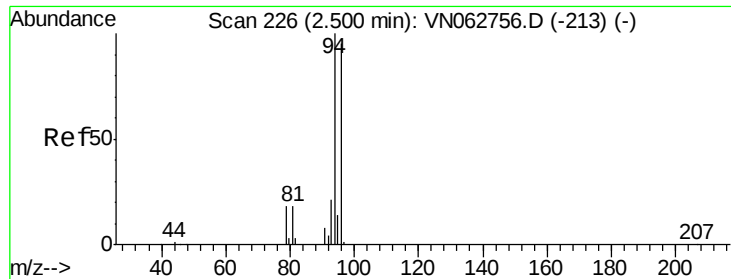
Tgt Ion: 62 Resp: 294700

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 194.454 ug/l

RT: 2.49 min Scan# 222

Delta R.T. -0.01 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 198637

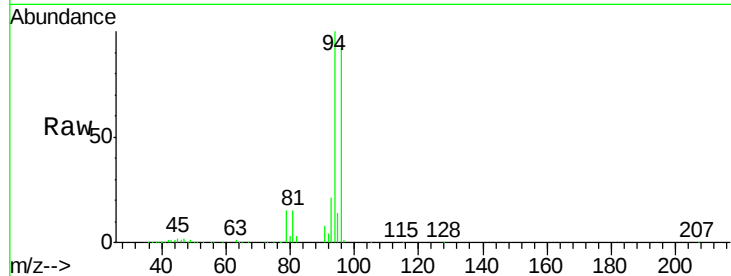
Ion Ratio Lower Upper

94 100

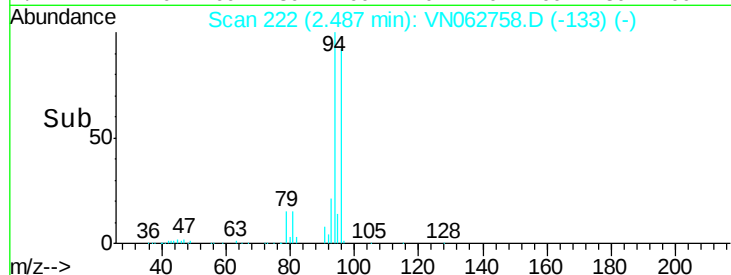
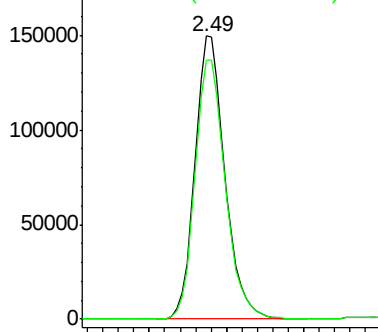
96 91.6 76.2 114.4

Manual Integrations
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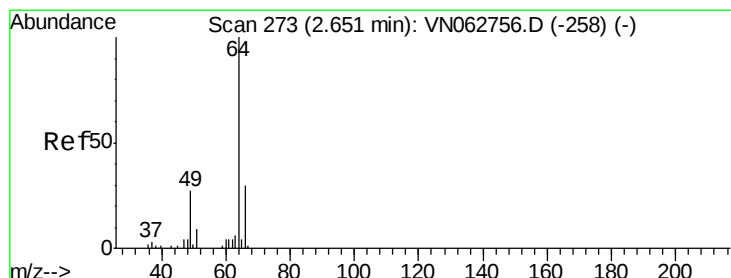
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Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



Time-->



#6

Chloroethane

Concen: 185.547 ug/l

RT: 2.63 min Scan# 268

Delta R.T. -0.02 min

Lab File: VN062758.D

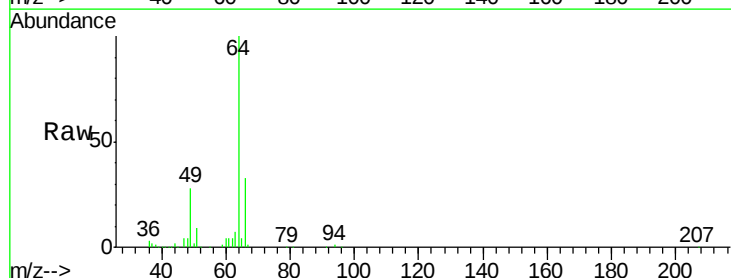
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Tgt Ion: 64 Resp: 191386

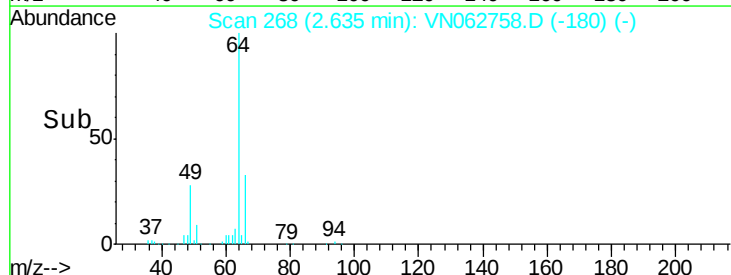
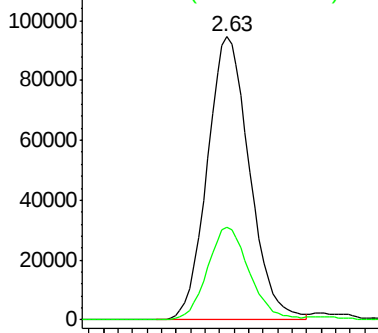
Ion Ratio Lower Upper

64 100

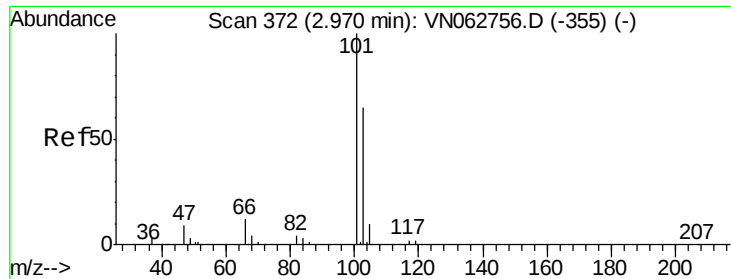
66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



Time-->



#7

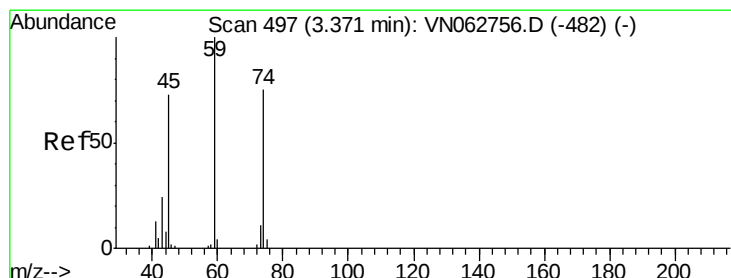
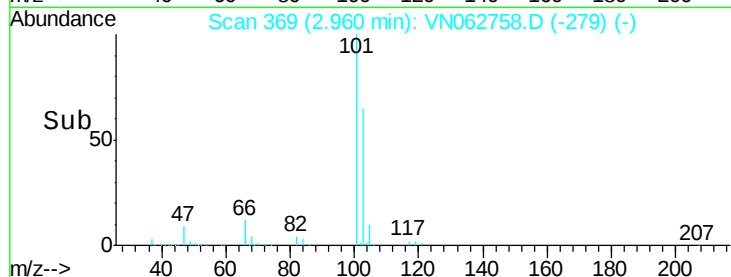
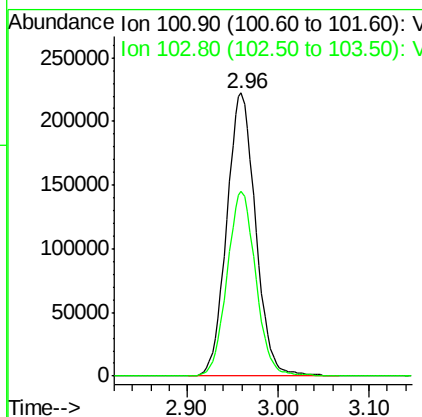
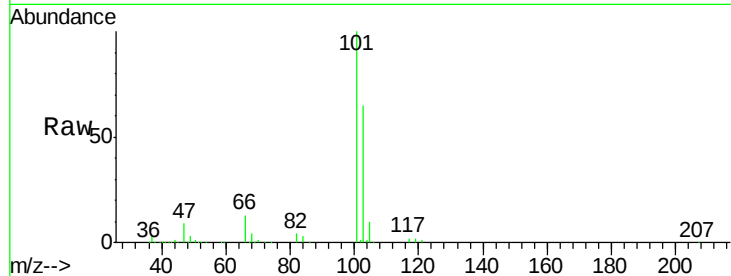
Trichlorofluoromethane
 Concen: 181.825 ug/l
 RT: 2.96 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

Manual Integrations
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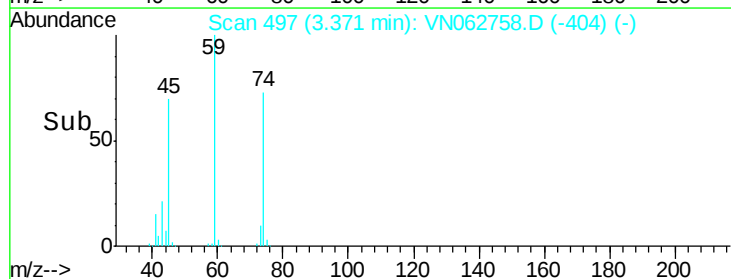
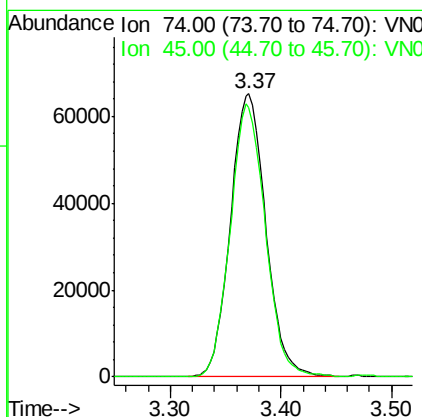
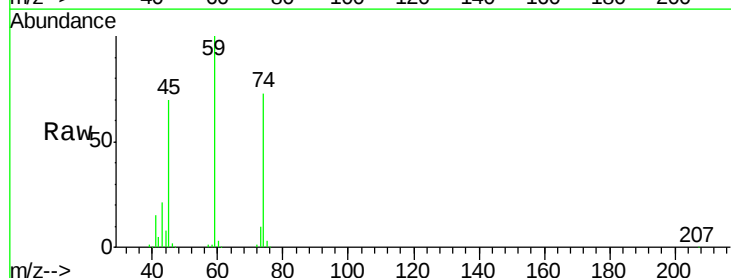
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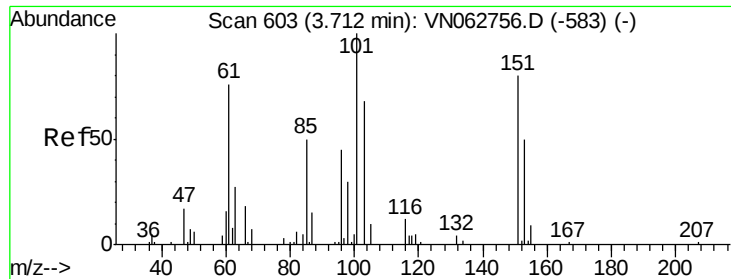


#8

Diethyl Ether
 Concen: 125.182 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.7	146.1





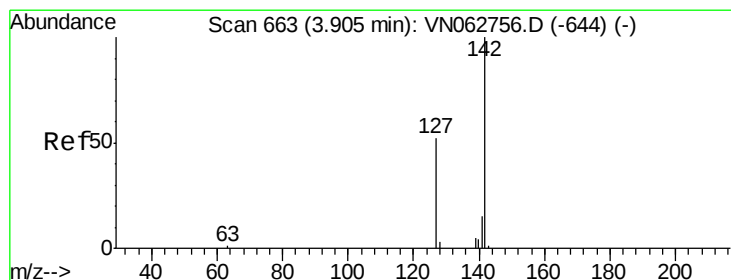
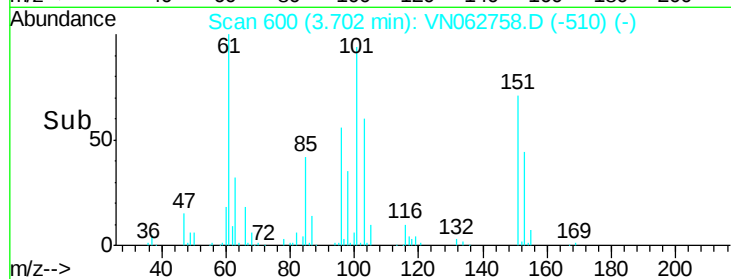
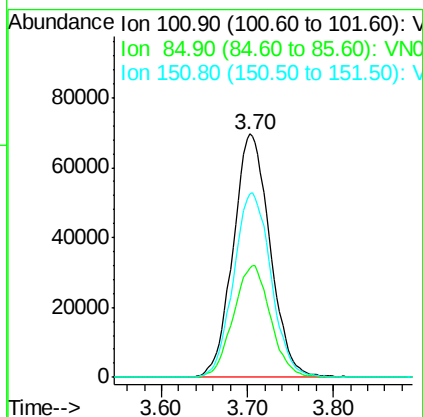
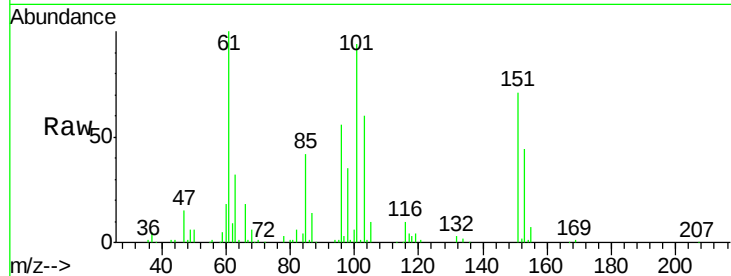
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 129.027 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	207373		
85	46.3	38.5	57.7	
151	76.8	63.0	94.6	

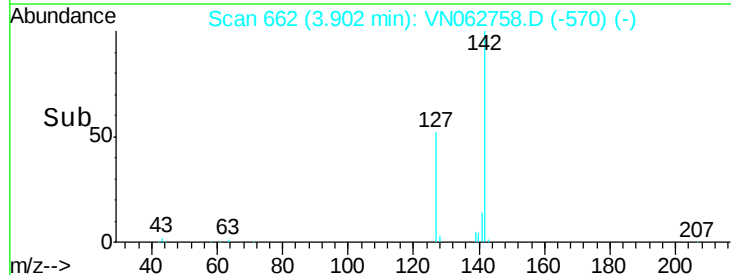
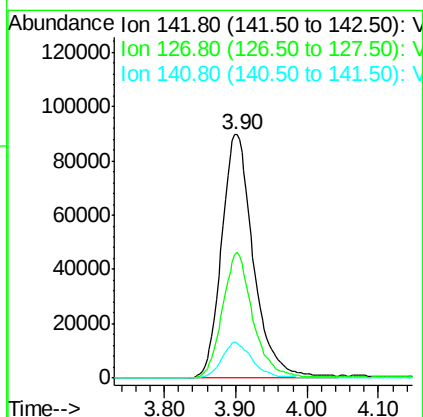
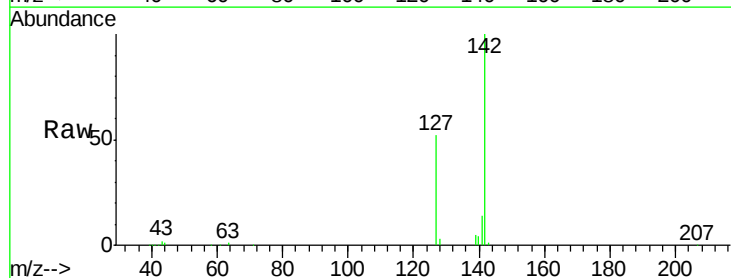
Manual Integrations
 APPROVED

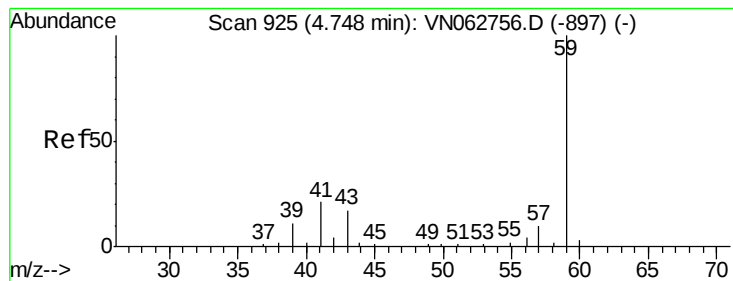
MMDadoda
 8/6/2020 1:51:50 PM



#10
 Methyl Iodide
 Concen: 137.817 ug/l
 RT: 3.90 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	278836		
127	49.5	41.4	62.0	
141	14.2	12.2	18.4	





#11

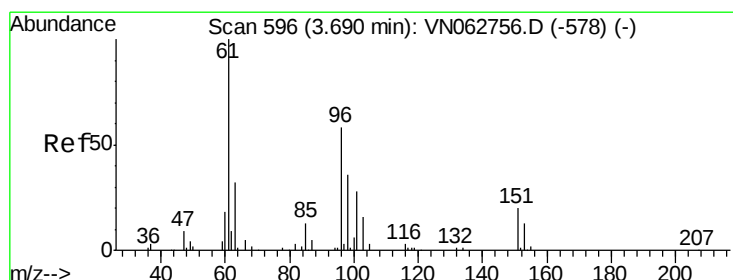
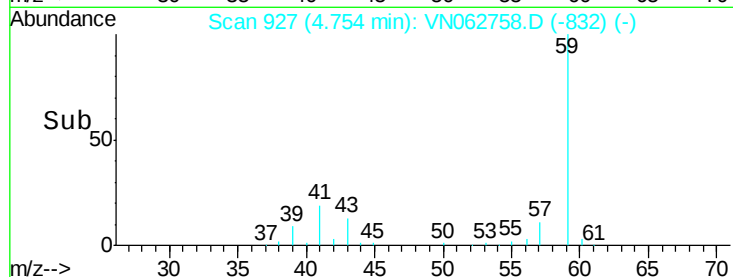
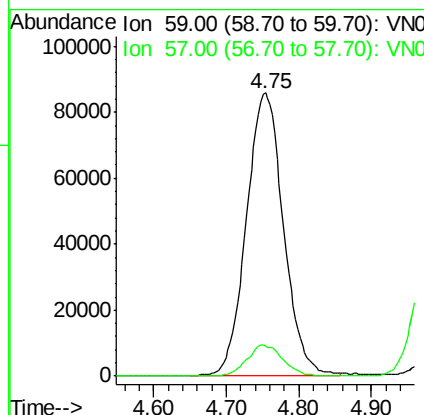
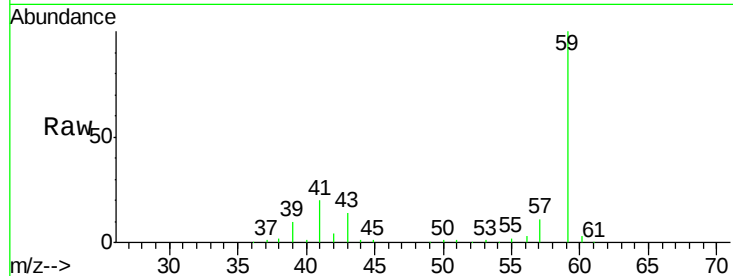
Tert butyl alcohol
 Concen: 777.515 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	305963		
57	10.6		8.3	12.5

Manual Integrations
 APPROVED

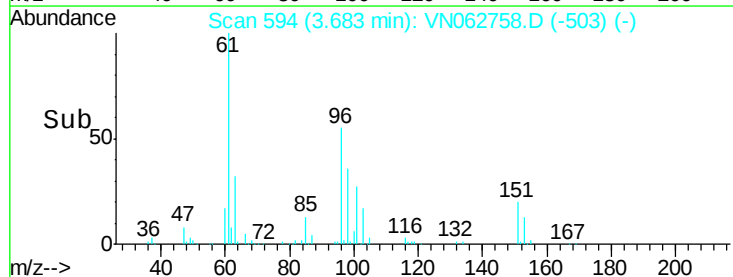
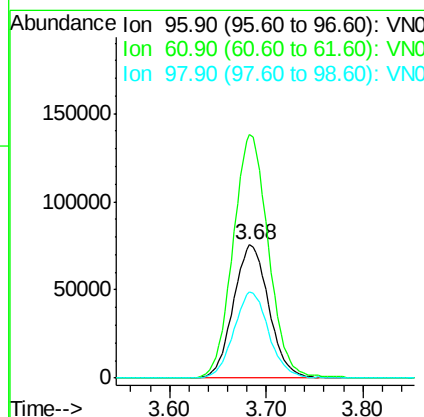
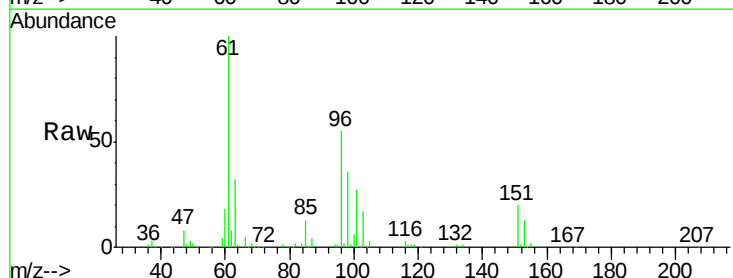
MMDadoda
 8/6/2020 1:51:50 PM

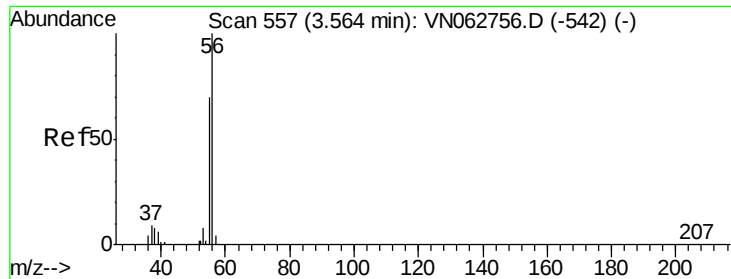


#12

1,1-Dichloroethene
 Concen: 119.611 ug/l
 RT: 3.68 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	192655		
61	183.0		139.0	208.6
98	65.0		50.2	75.4





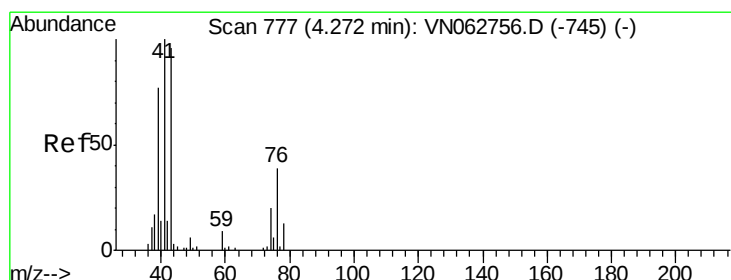
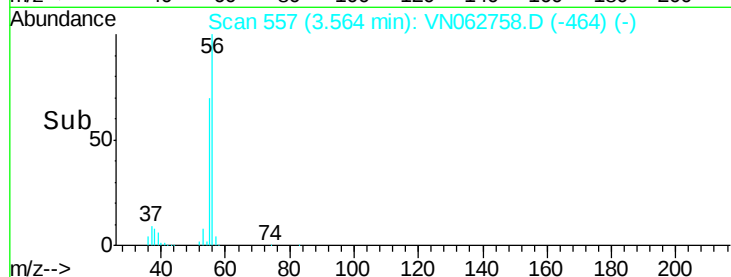
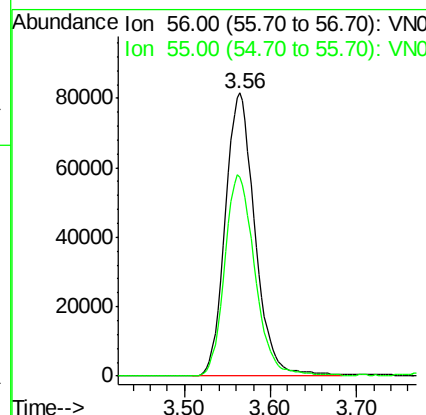
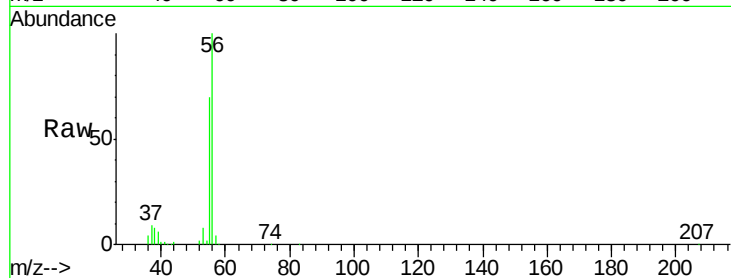
#13
Acrolein
Concen: 577.198 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	196656
Ion Ratio	100	Lower	Upper
55	72.2	57.0	85.6

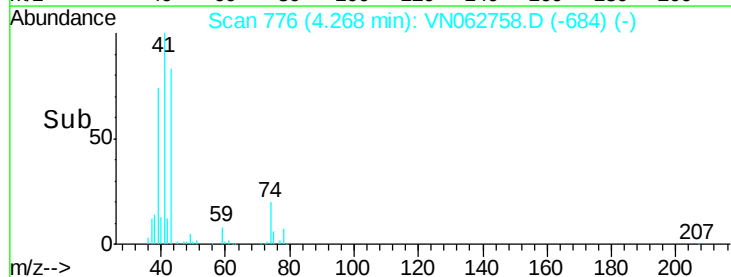
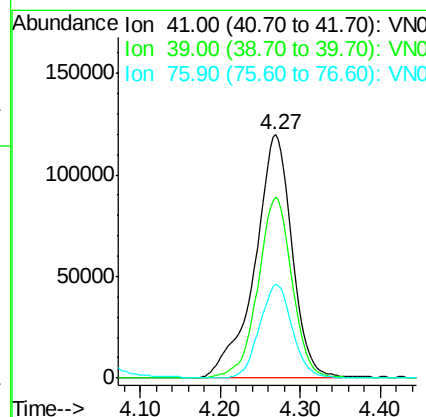
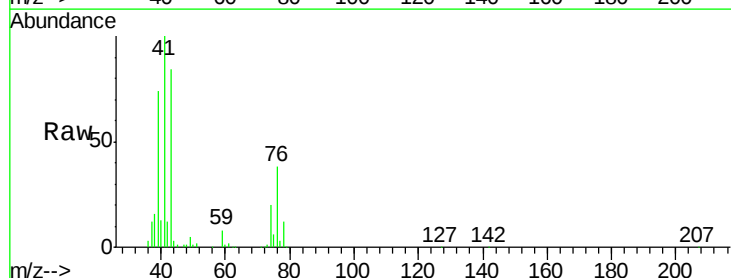
Manual Integrations
APPROVED

MMDadoda
8/6/2020 1:51:50 PM



#14
Allyl chloride
Concen: 112.543 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	41	Resp	383556
Ion Ratio	100	Lower	Upper
39	68.3	55.7	83.5
76	33.0	27.5	41.3





#15

Acrylonitrile

Concen: 736.256 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

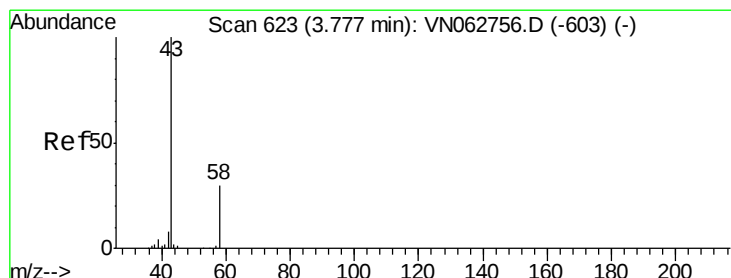
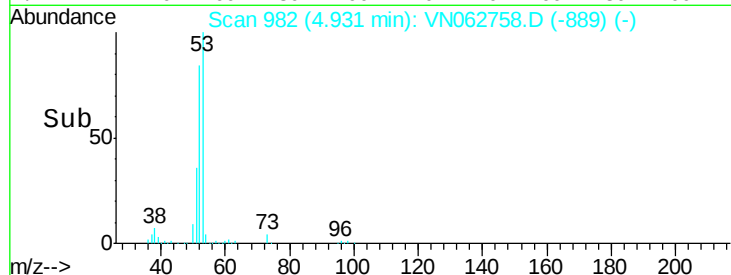
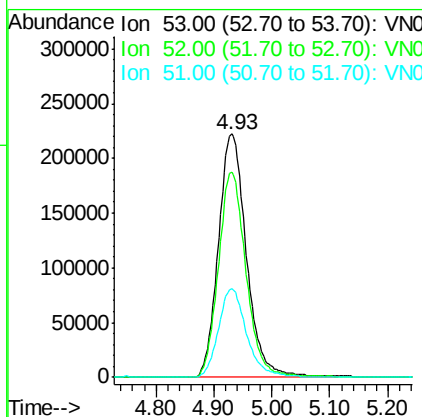
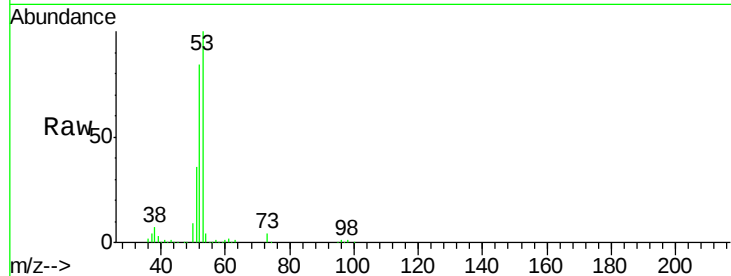
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	747854
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	36.6	29.5	44.3

Manual Integrations
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MMDadoda
8/6/2020 1:51:50 PM



#16

Acetone

Concen: 693.701 ug/l

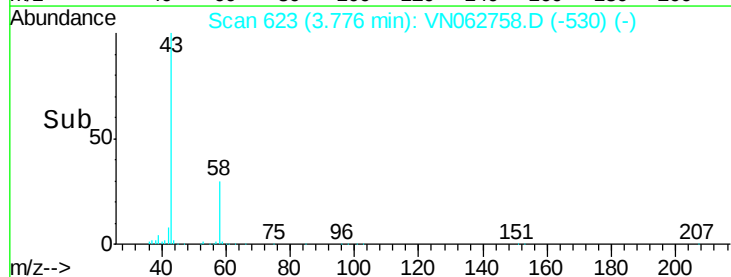
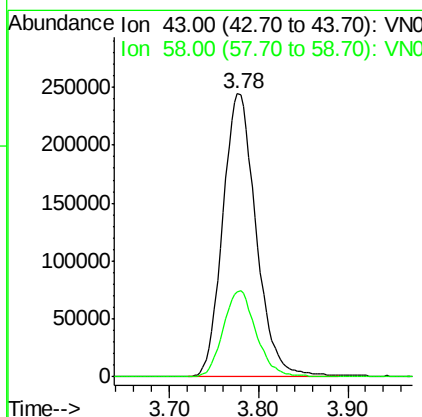
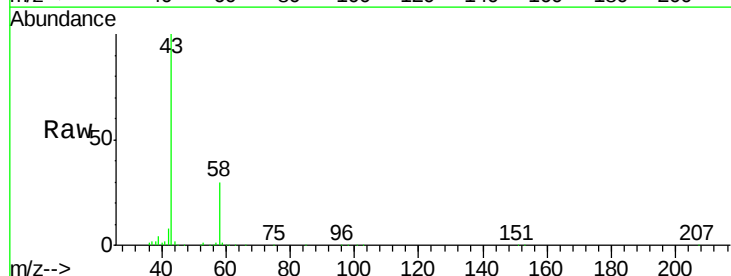
RT: 3.78 min Scan# 623

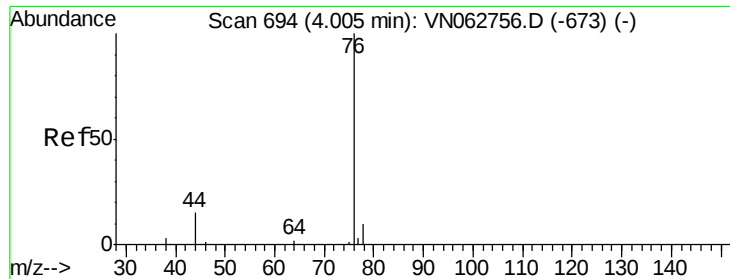
Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion:	43	Resp:	628039
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.1	36.1





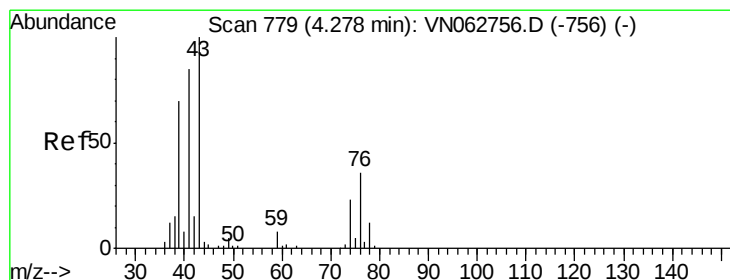
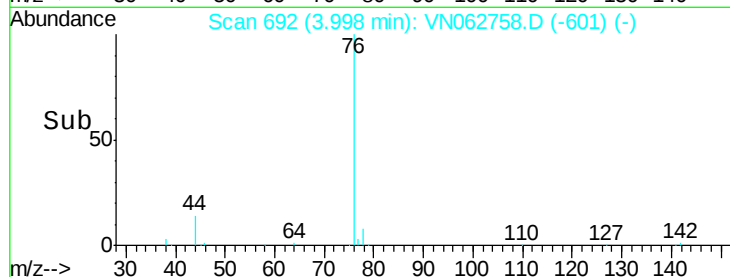
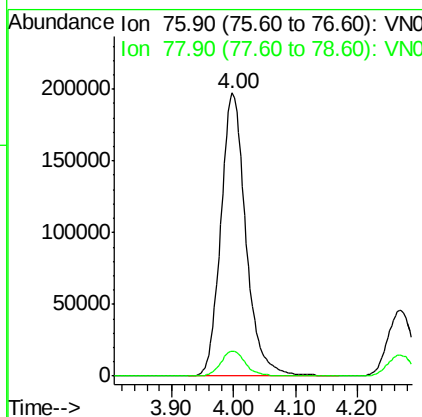
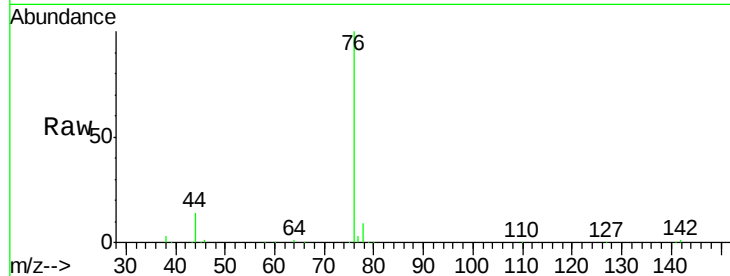
#17
Carbon Disulfide
Concen: 106.407 ug/l
RT: 4.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.7	11.5

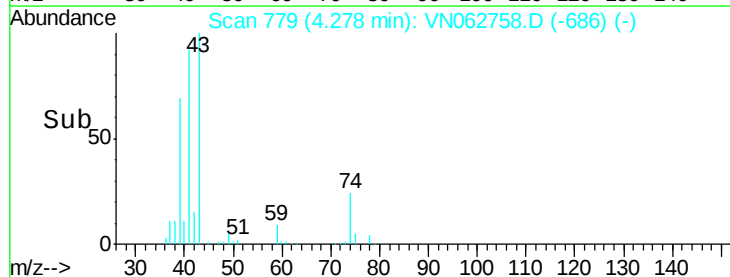
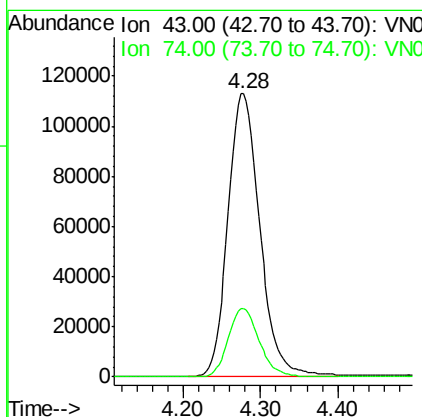
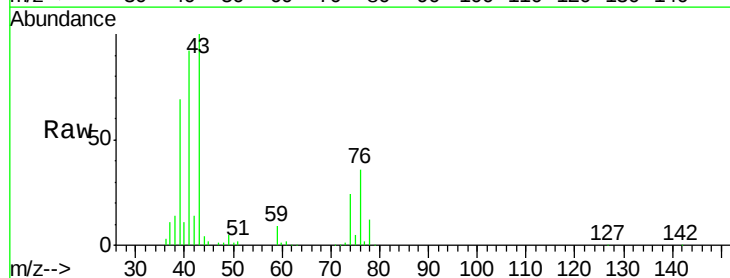
Manual Integrations
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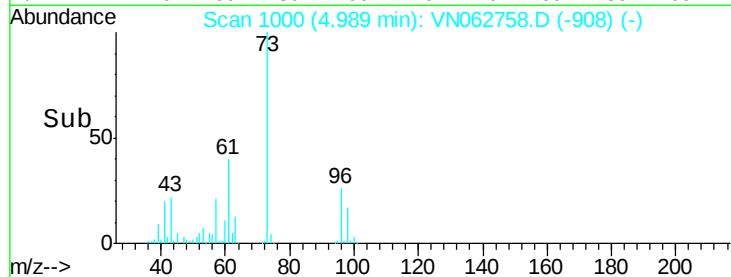
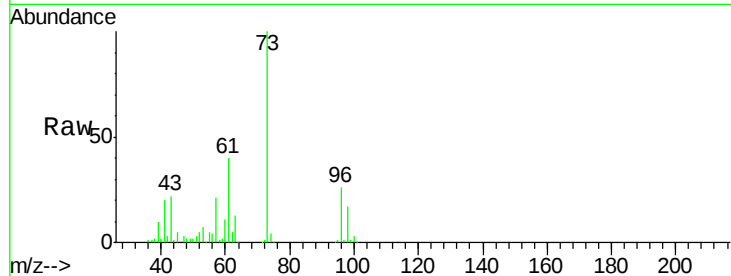
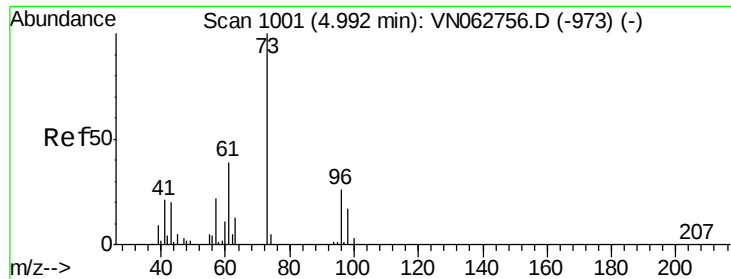
MMDadoda
8/6/2020 1:51:50 PM



#18
Methyl Acetate
Concen: 140.032 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.6	28.0





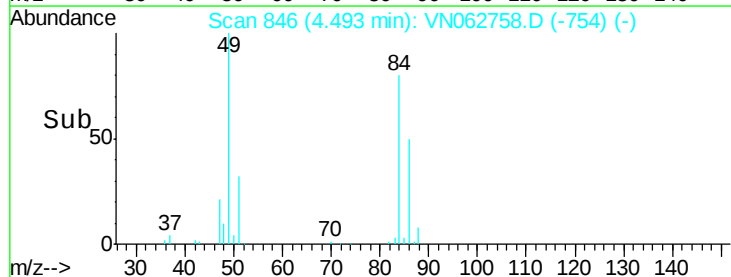
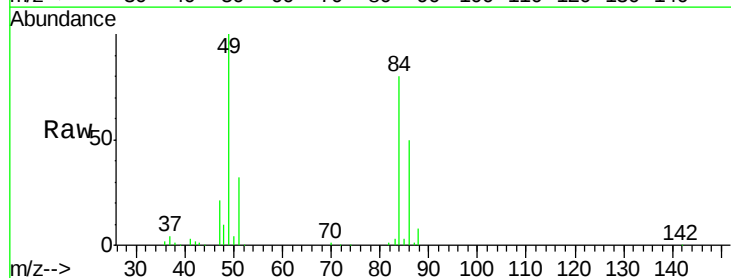
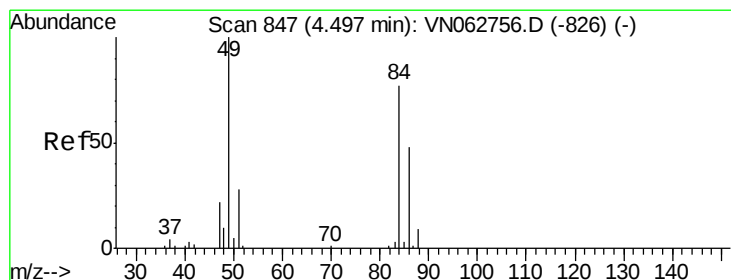
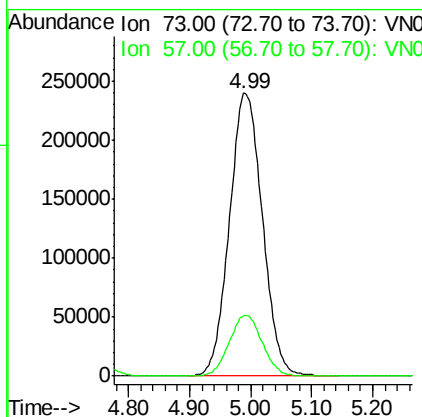
#19
Methvl tert-butvl Ether
Concen: 148.226 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tot Ion	73	57	Ratio	100	21.2	Resp	903512	Lower	17.5	Upper	26.3
Ion	73	57	Ratio	100	21.2	Resp	903512	Lower	17.5	Upper	26.3

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

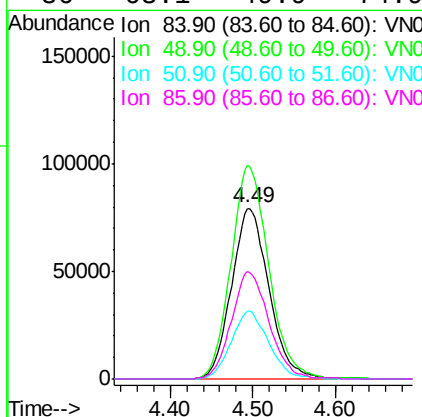
Manual Integrations
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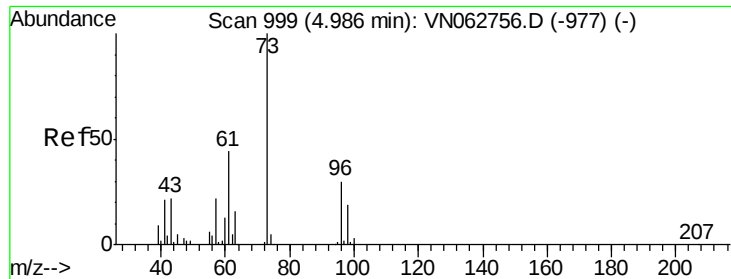
MMDadoda
8/6/2020 1:51:50 PM



#20
Methylene Chloride
Concen: 118.131 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	84	49	51	86	Ratio	100	125.1	39.5	63.1	Resp	249550	Lower	103.4	43.9	74.9
Ion	84	49	51	86	Ratio	100	125.1	39.5	63.1	Resp	249550	Lower	103.4	43.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 121.305 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

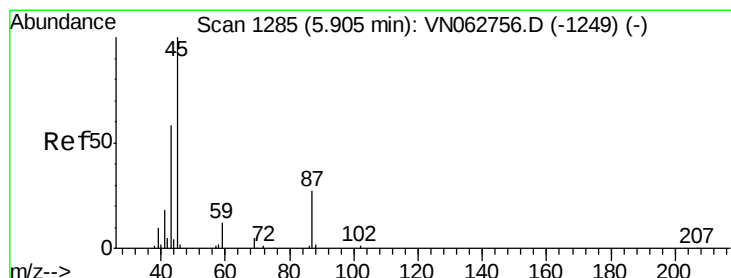
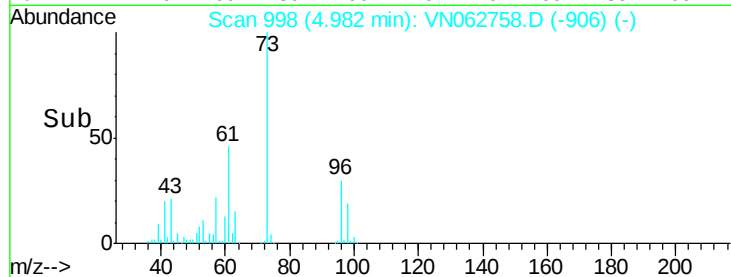
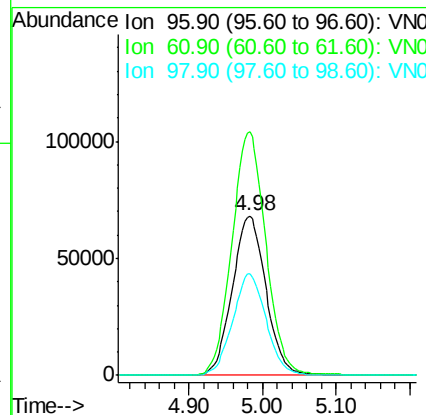
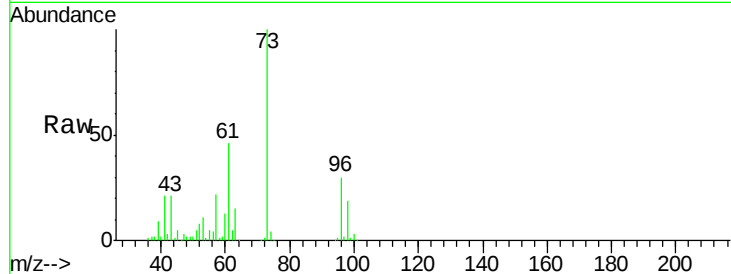
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	216480
Ion	Ratio	Lower	Upper
96	100		
61	152.4	118.8	178.2
98	63.2	51.0	76.4

Manual Integrations
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8/6/2020 1:51:50 PM



#22

Diisopropyl ether

Concen: 123.950 ug/l

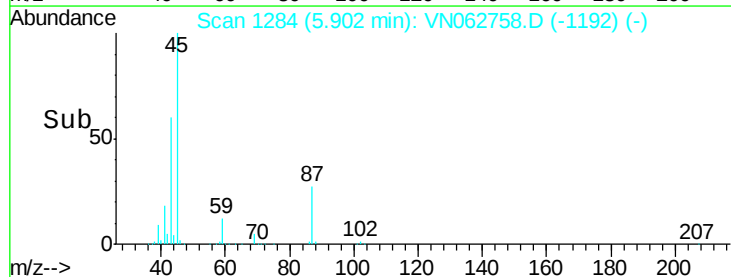
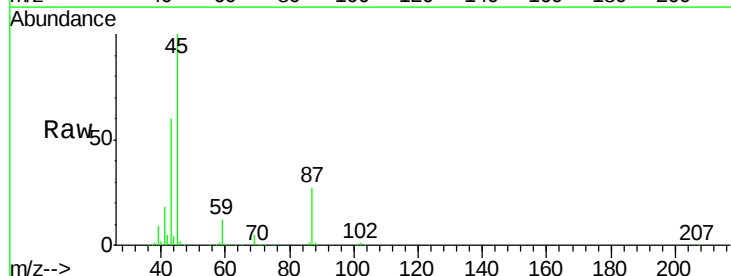
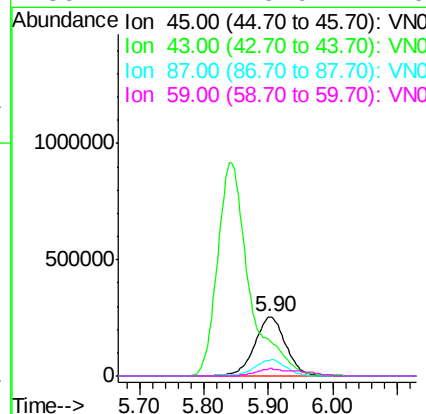
RT: 5.90 min Scan# 1284

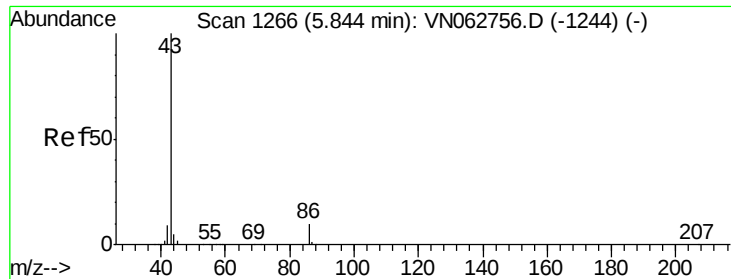
Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion:	45	Resp:	856301
Ion	Ratio	Lower	Upper
45	100		
43	58.4	47.4	71.2
87	26.9	22.8	34.2
59	11.7	9.9	14.9





#23

Vinyl Acetate

Concen: 570.698 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 3154990

Ion Ratio Lower Upper

43 100

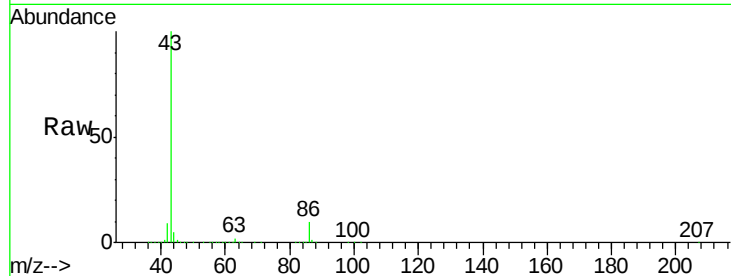
86 9.9 7.7 11.5

Manual Integrations

APPROVED

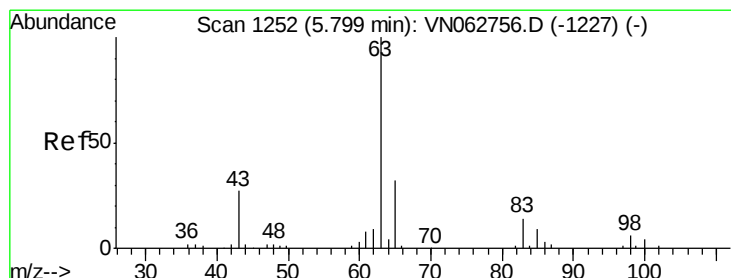
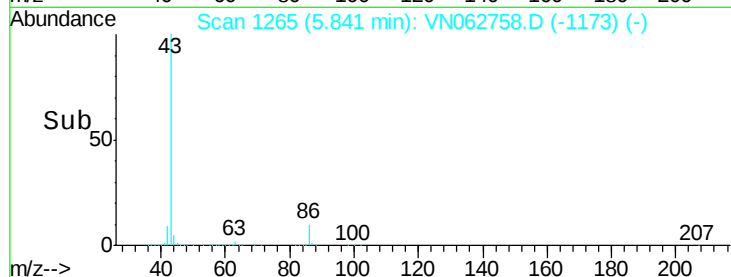
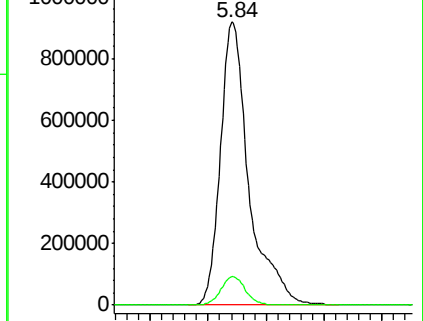
MMDadoda

8/6/2020 1:51:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 123.581 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

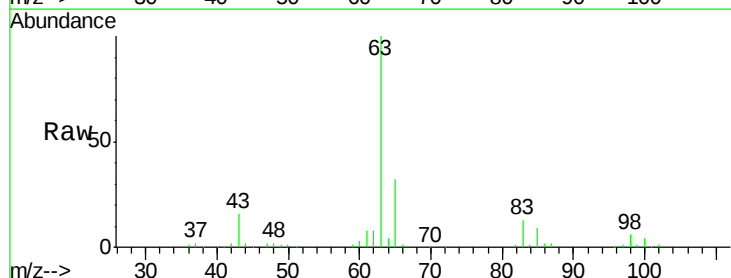
Tgt Ion: 63 Resp: 462687

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

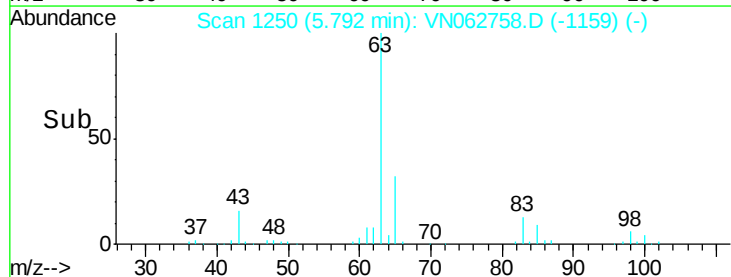
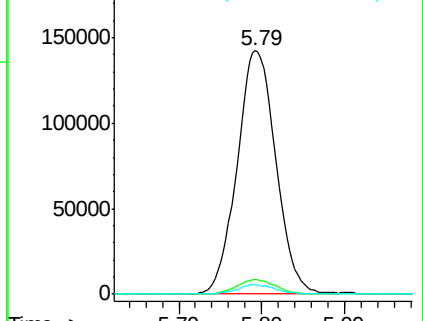
100 3.6 1.9 5.7

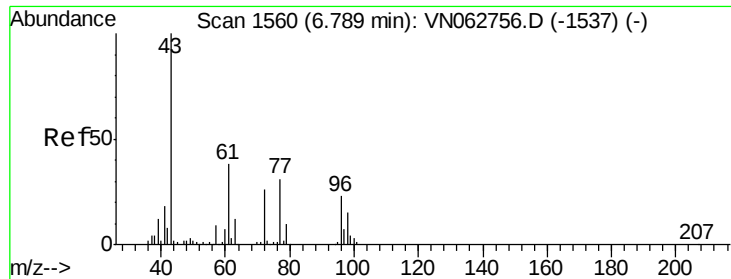


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 716.338 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 979253

Ion Ratio Lower Upper

43 100

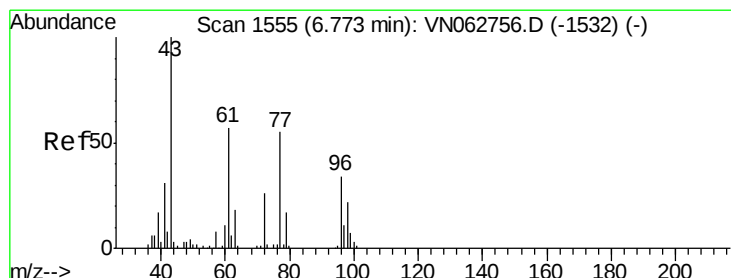
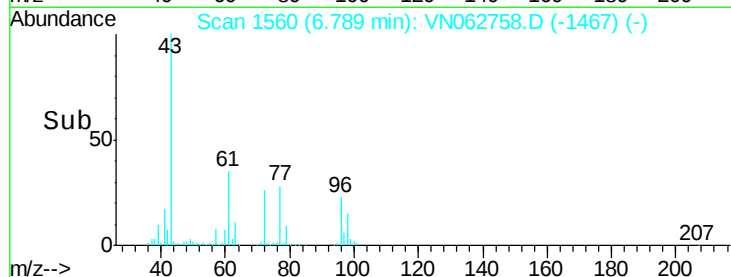
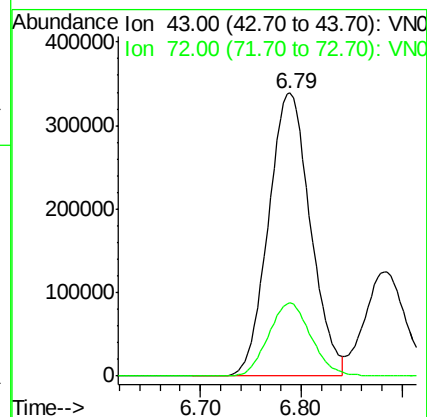
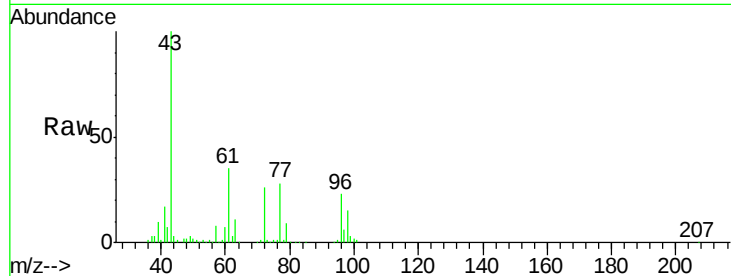
72 25.8 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 131.709 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062758.D

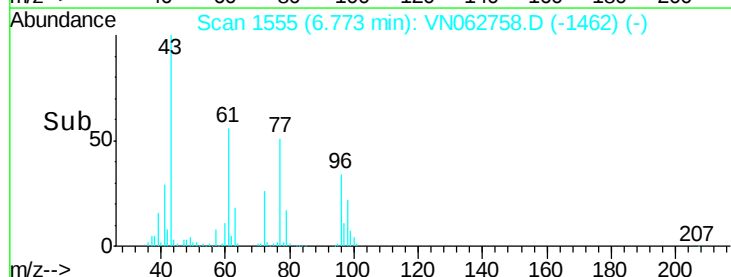
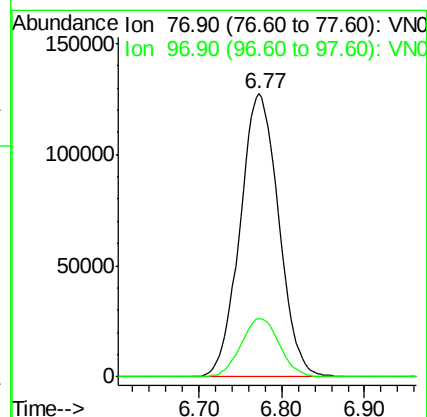
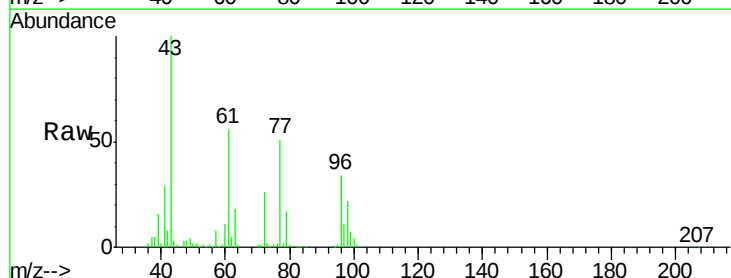
Acq: 5 Aug 2020 13:04

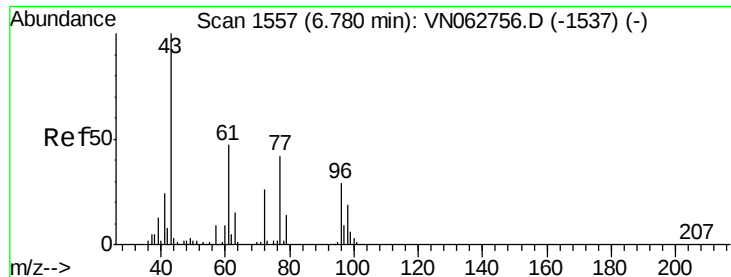
Tgt Ion: 77 Resp: 412753

Ion Ratio Lower Upper

77 100

97 20.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 128.441 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

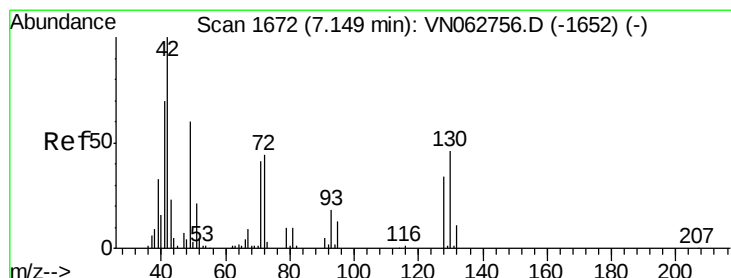
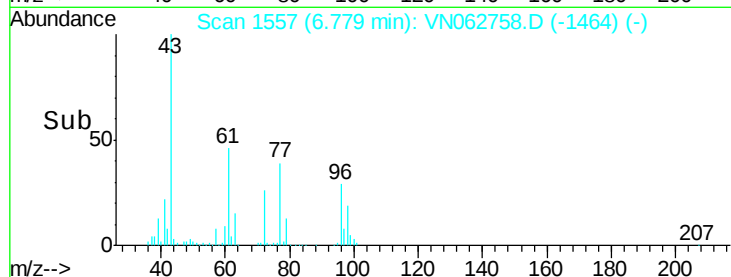
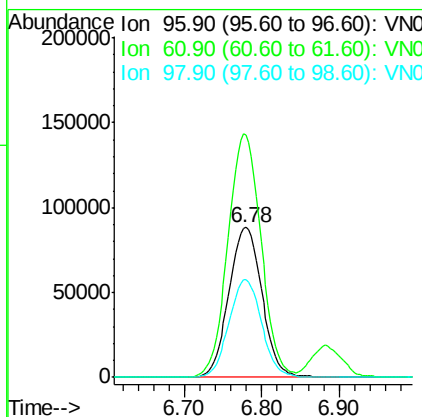
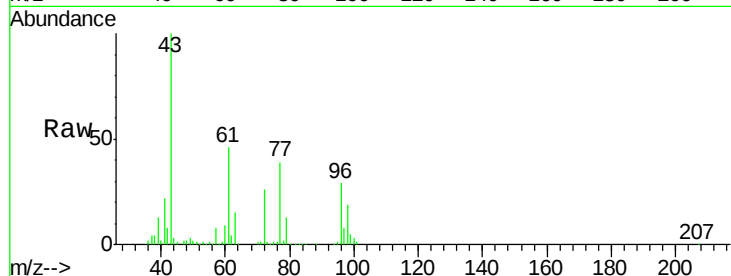
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	263082
Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	332.2
98	64.1	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 136.661 ug/l

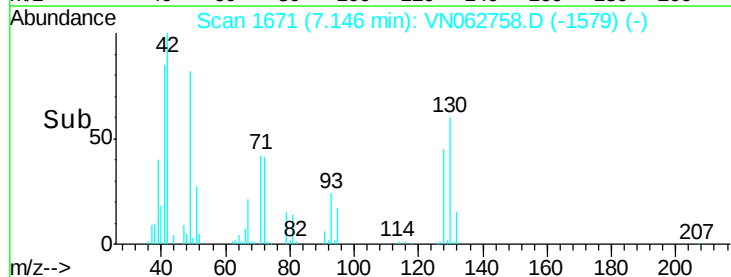
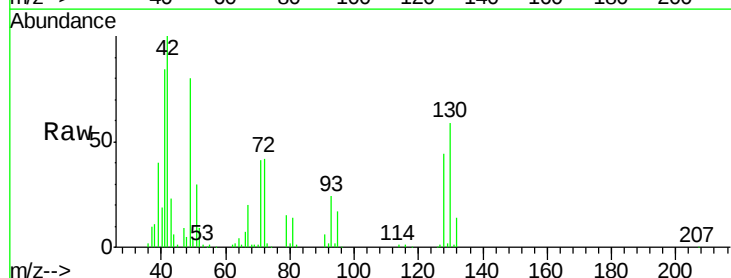
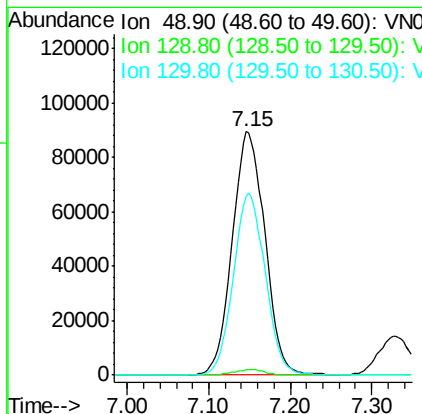
RT: 7.15 min Scan# 1671

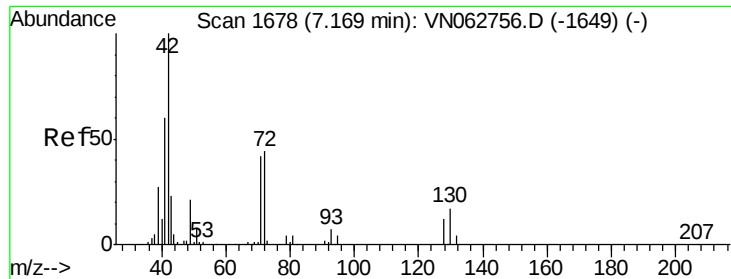
Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion:	49	Resp:	249704
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.2
130	72.6	59.0	88.6





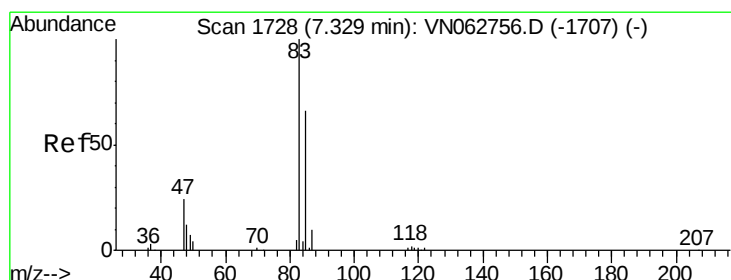
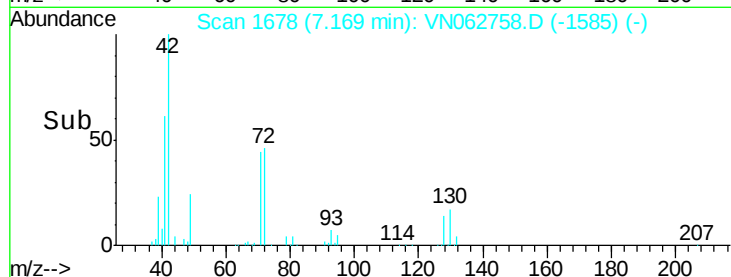
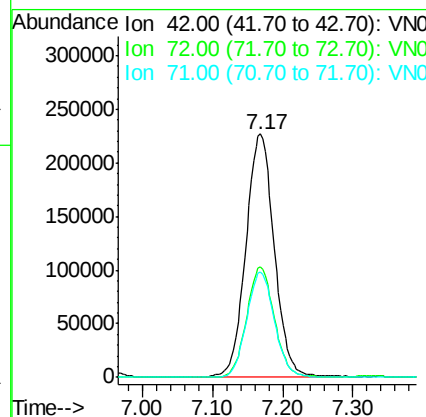
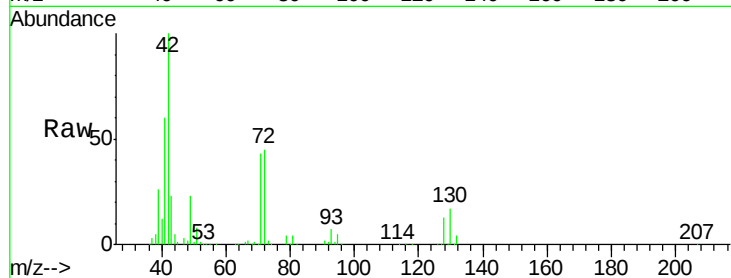
#29
Tetrahydrofuran
Concen: 688.824 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.0	52.4
71	42.3	33.2	49.8

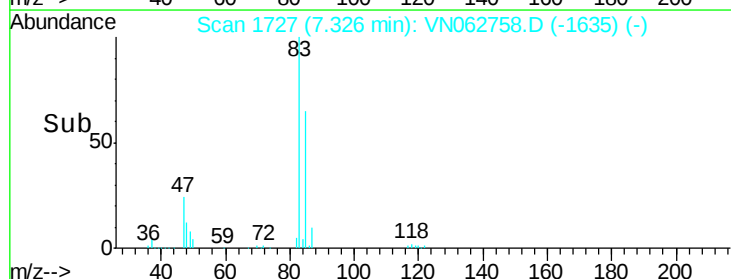
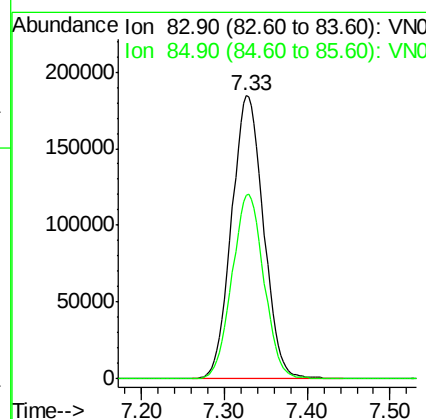
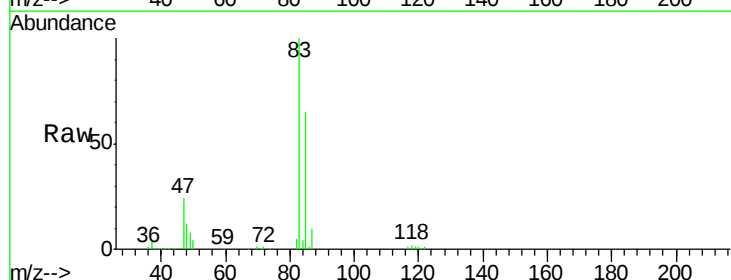
Manual Integrations
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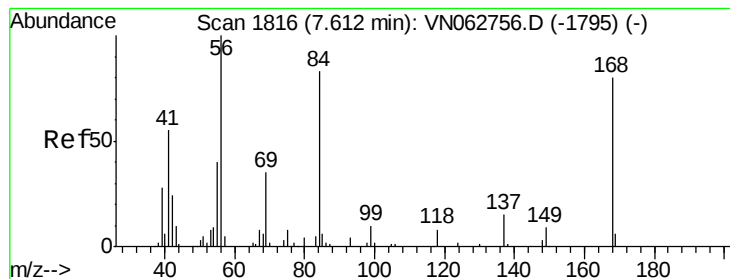
MMDadoda
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#30
Chloroform
Concen: 136.380 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.7	79.1





#31

Cyclohexane

Concen: 128.120 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 444132

Ion Ratio Lower Upper

56 100

69 32.9 28.1 42.1

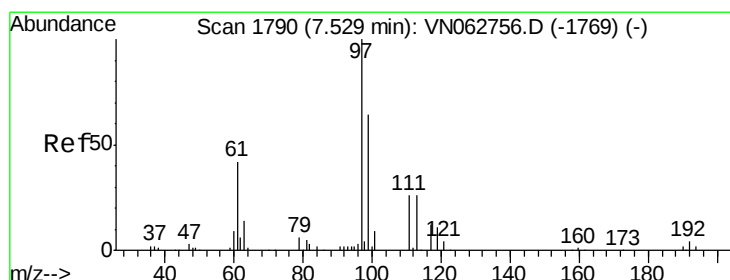
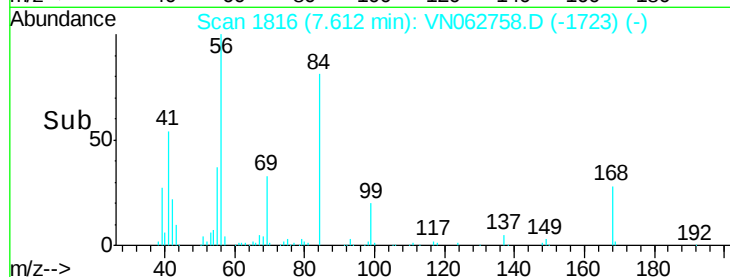
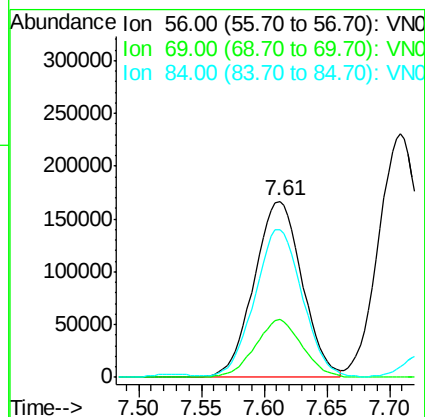
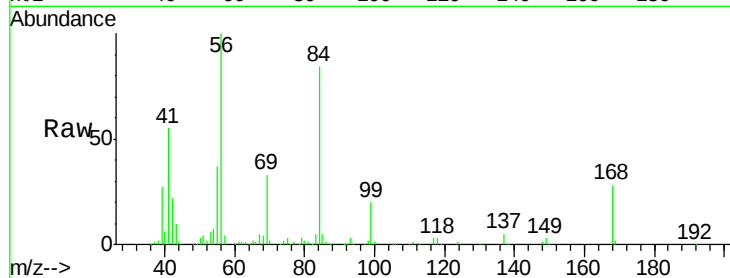
84 82.8 66.8 100.2

Manual Integrations

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8/6/2020 1:51:50 PM



#32

1,1,1-Trichloroethane

Concen: 144.747 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

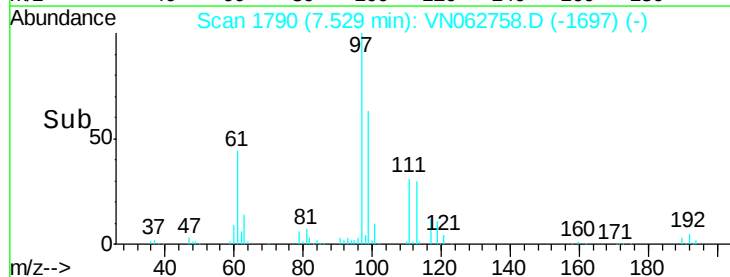
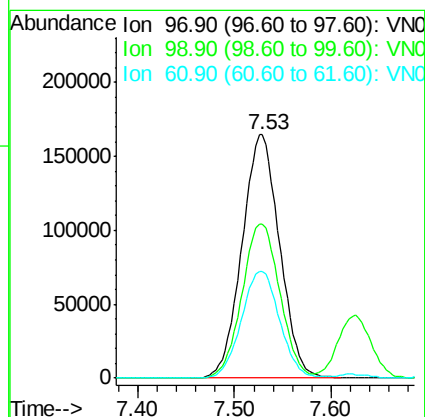
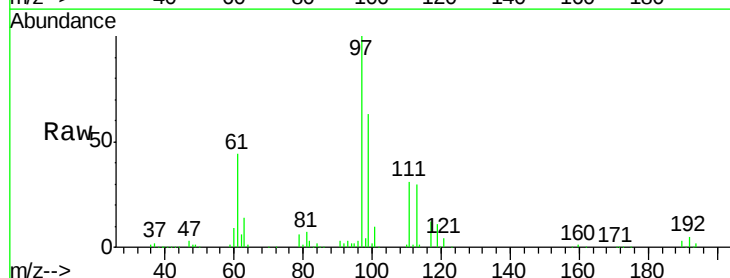
Tgt Ion: 97 Resp: 444648

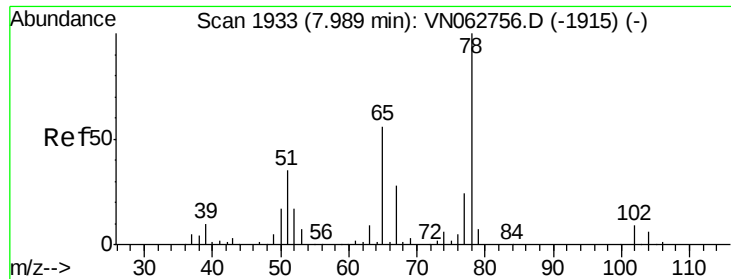
Ion Ratio Lower Upper

97 100

99 64.1 50.0 75.0

61 44.6 34.8 52.2





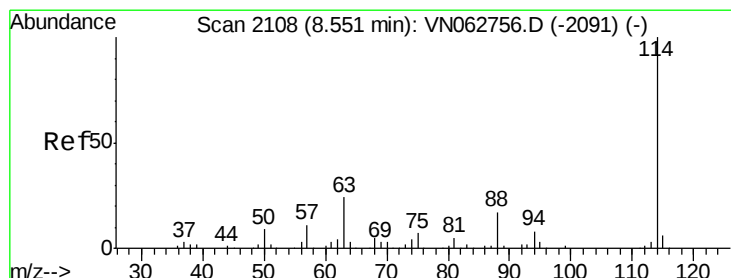
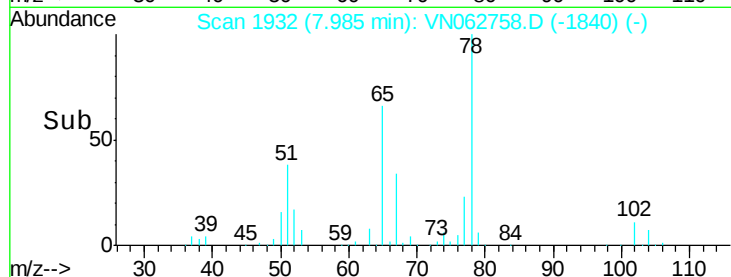
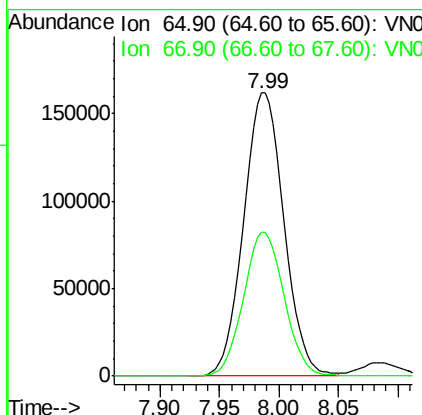
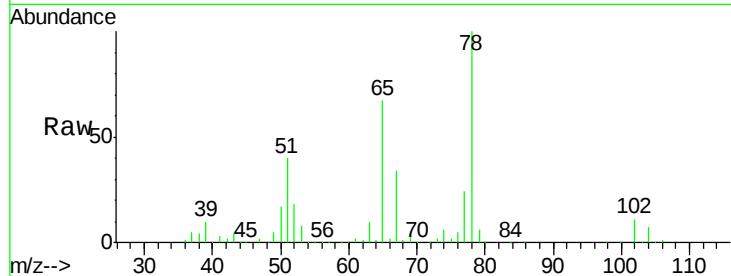
#33
 1,2-Dichloroethane-d4
 Concen: 156.871 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.4	0.0	101.4	

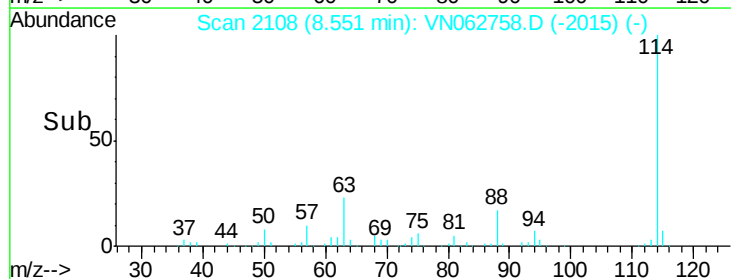
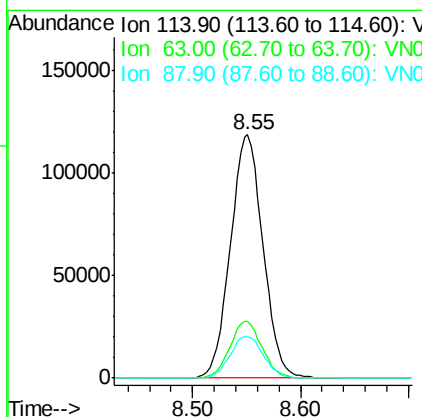
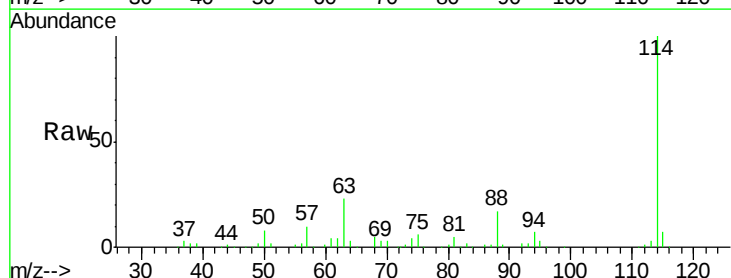
Manual Integrations
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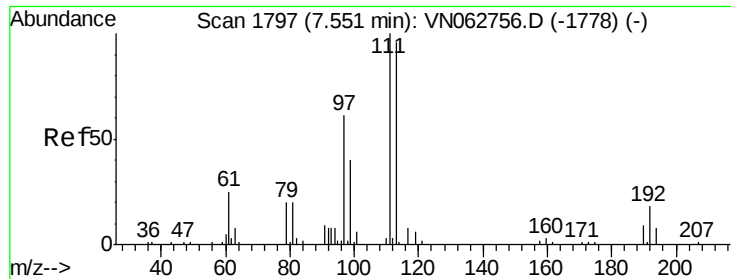
MMDadoda
 8/6/2020 1:51:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.4	0.0	47.6	
88	17.0	0.0	34.4	





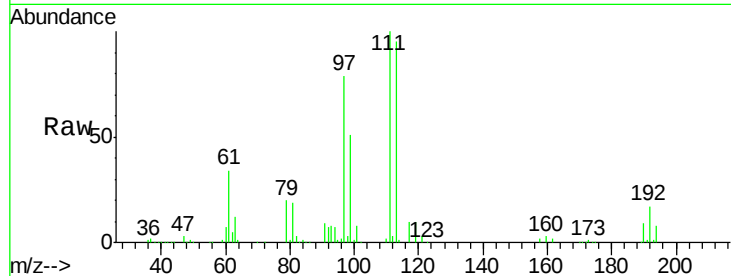
#35
Dibromofluoromethane
Concen: 156.013 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

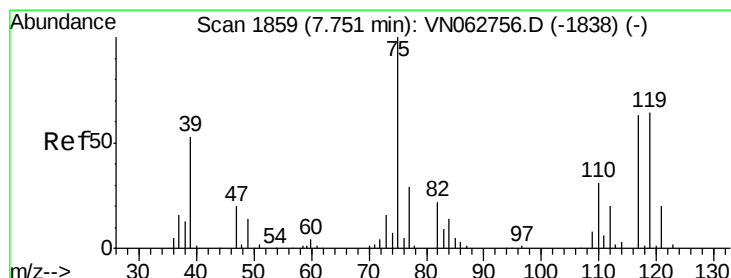
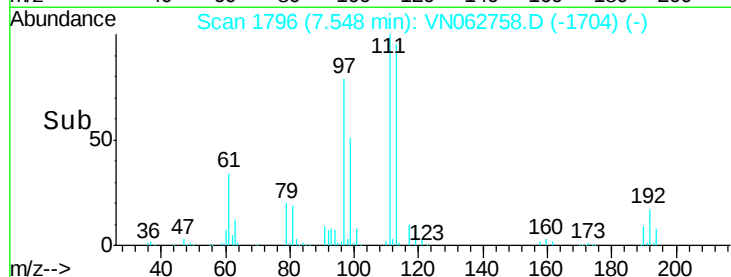
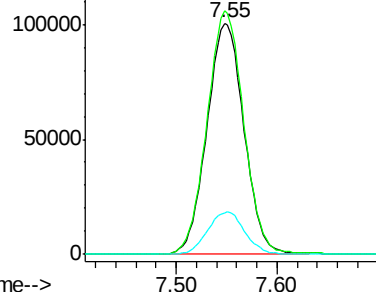
Tot Ion	Ratio	Resp	Lower	Upper
113	100	255890		
111	104.6	81.8	122.6	
192	18.5	15.0	22.4	

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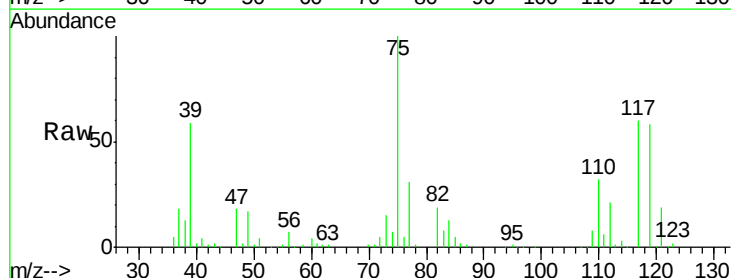


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

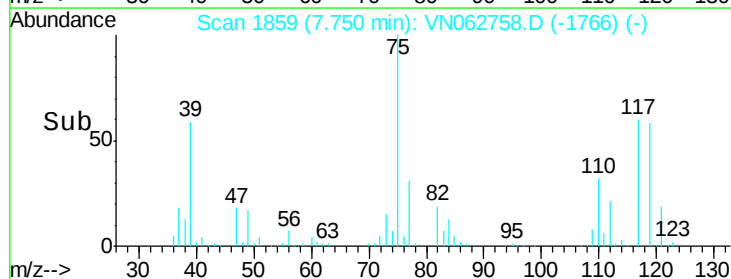
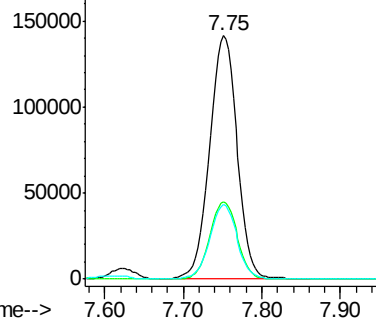


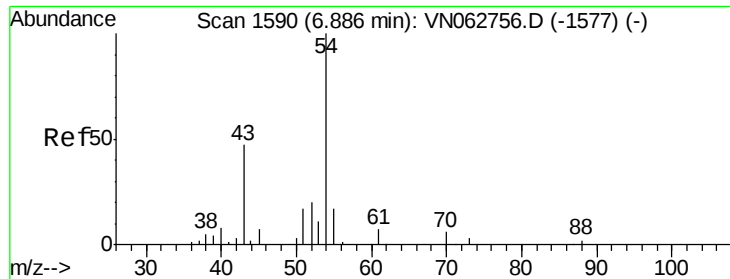
#36
1,1-Dichloropropene
Concen: 132.304 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	345900		
110	32.0	15.6	46.7	
77	30.6	24.1	36.1	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





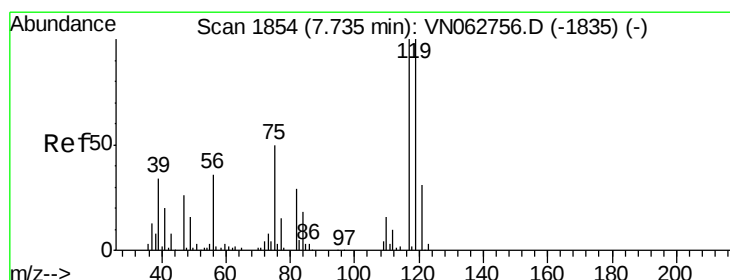
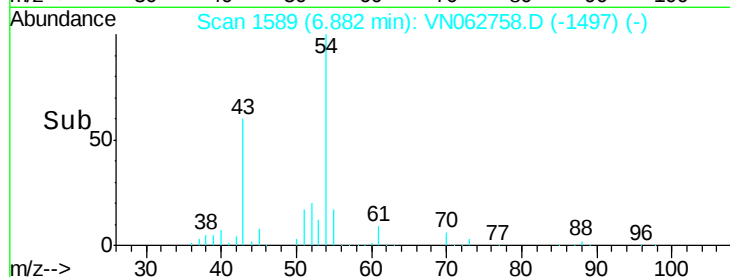
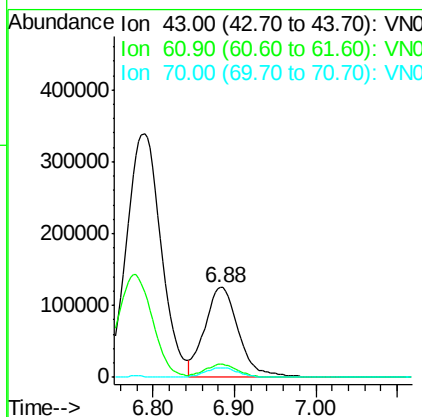
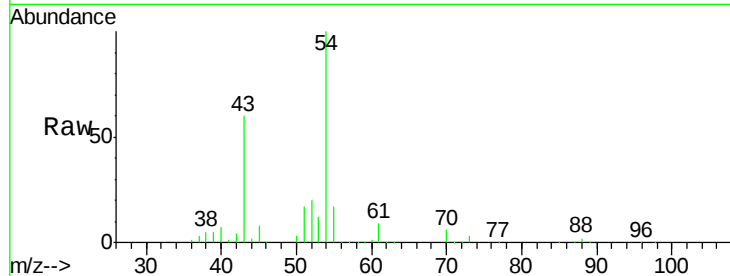
#37
Ethyl Acetate
Concen: 129.035 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	10.5	8.3	12.5

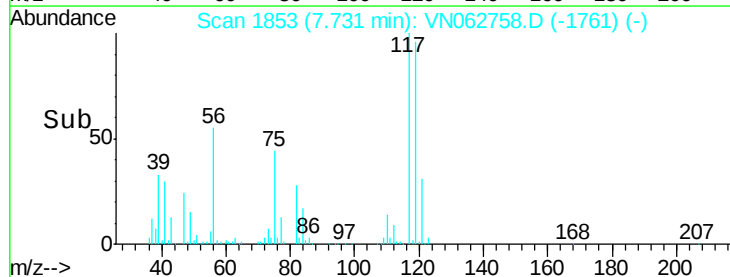
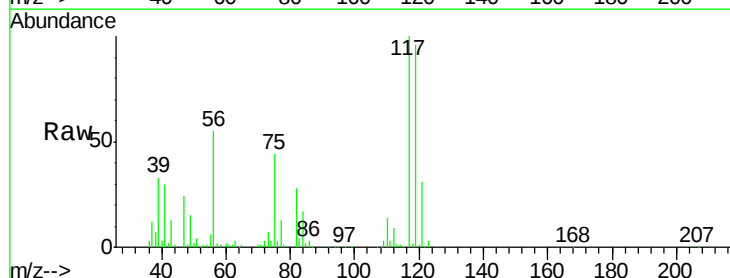
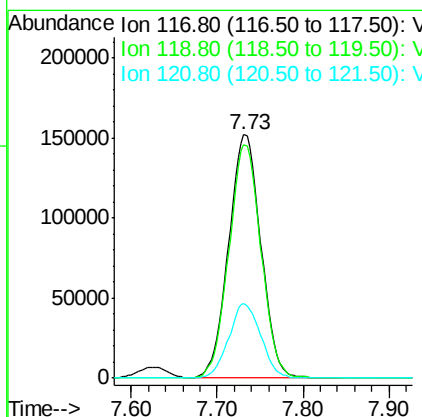
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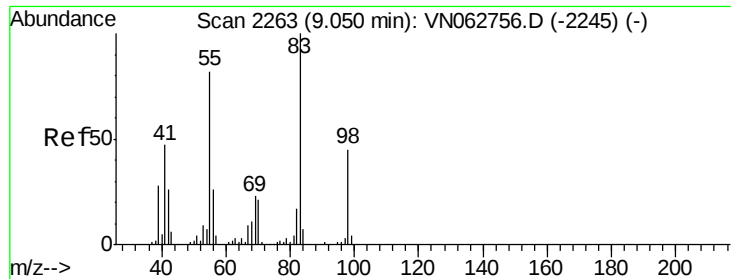
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8/6/2020 1:51:50 PM



#38
Carbon Tetrachloride
Concen: 153.239 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.4	119.2
121	30.6	24.9	37.3





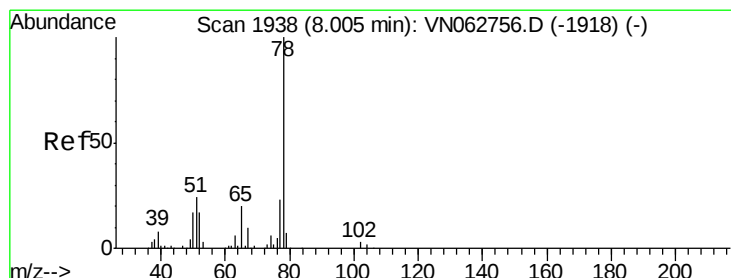
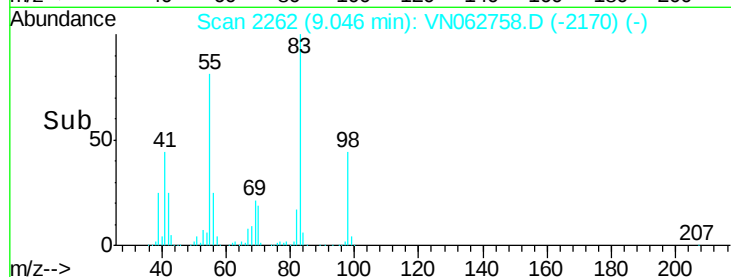
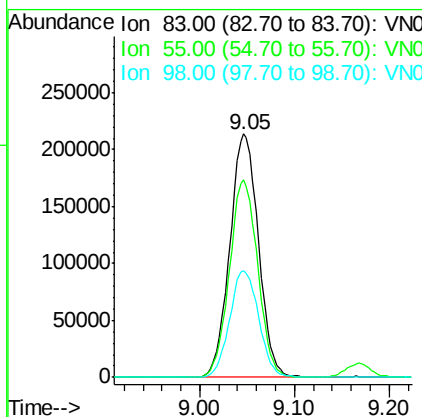
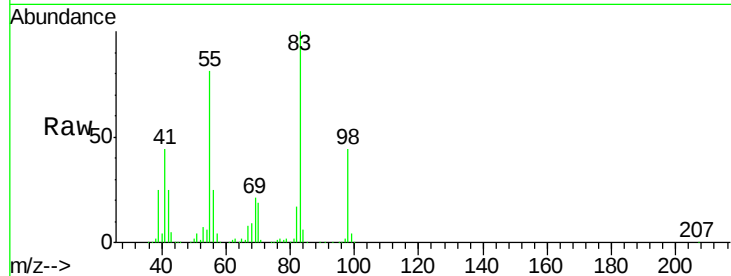
#39
Methvlcvclohexane
Concen: 157.477 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	65.7	98.5
98	43.8	35.6	53.4

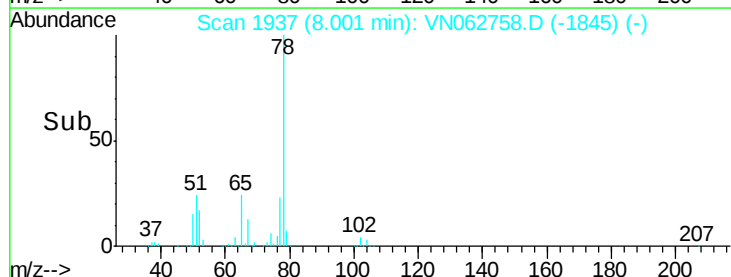
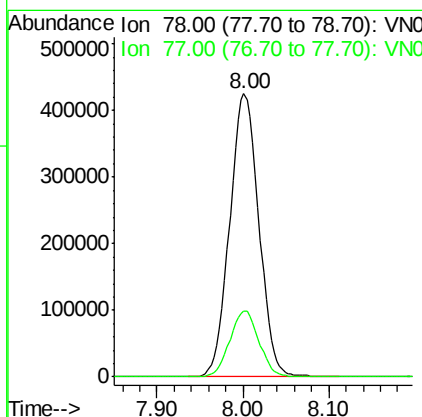
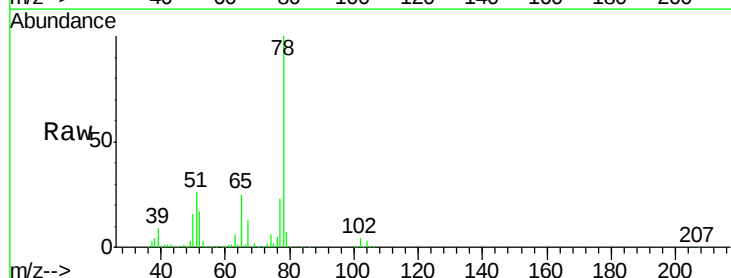
Manual Integrations
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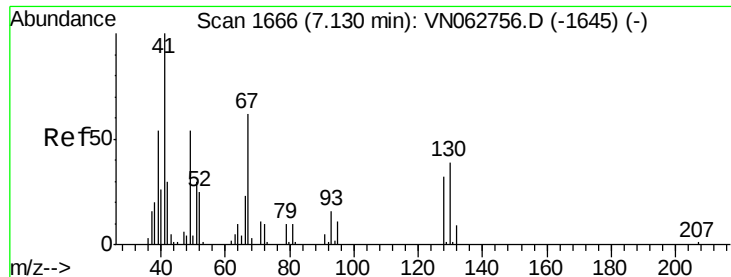
MMDadoda
8/6/2020 1:51:50 PM



#40
Benzene
Concen: 127.602 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.1	27.1





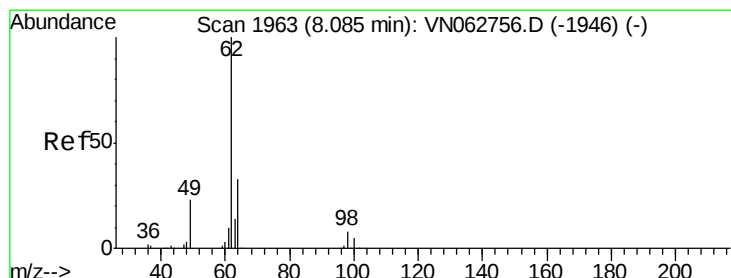
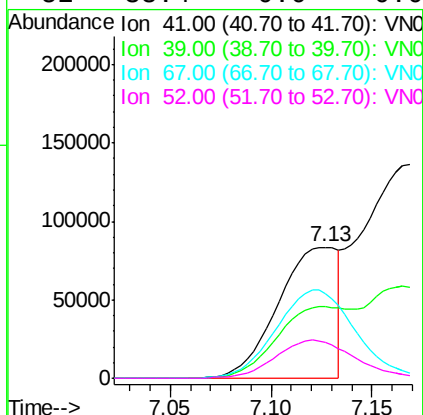
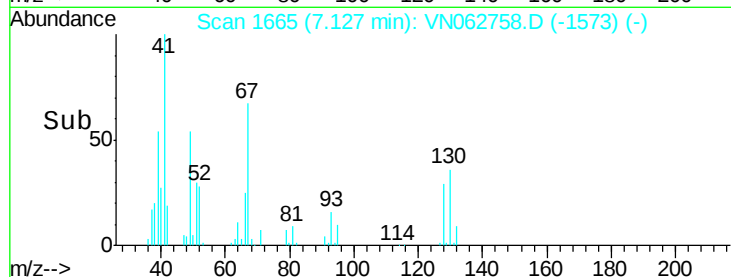
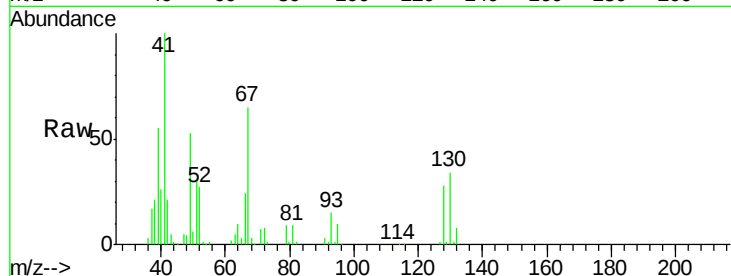
#41
Methacrylonitrile
Concen: 137.691 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	170814
Ion Ratio	Lower	Upper	
41	100		
39	65.6	69.4	104.2#
67	90.4	0.0	0.0#
52	38.4	0.0	0.0#

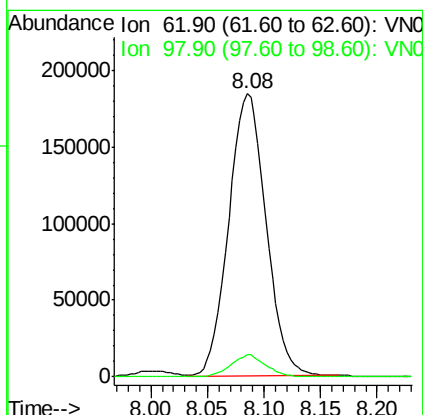
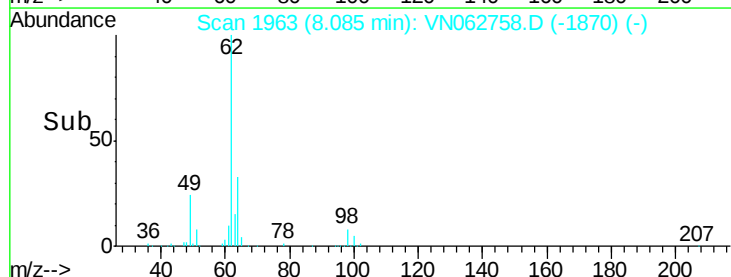
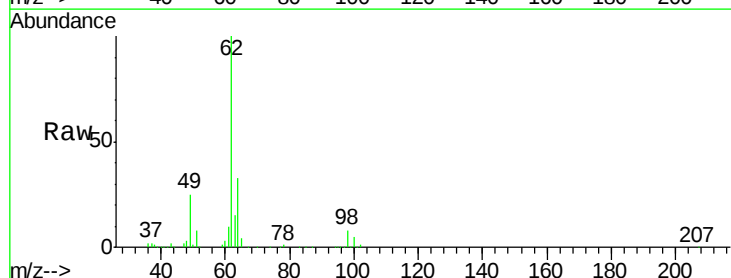
Manual Integrations
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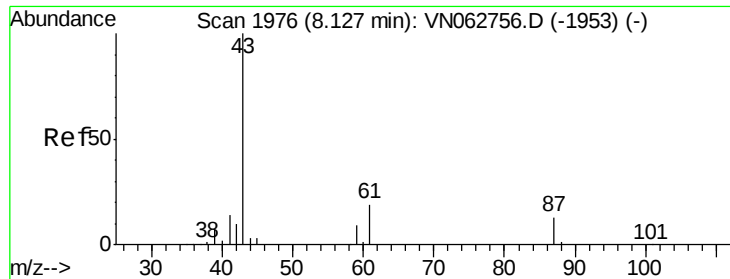
MMDadoda
8/6/2020 1:51:50 PM



#42
1,2-Dichloroethane
Concen: 143.960 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	62	Resp	424746
Ion Ratio	Lower	Upper	
62	100		
98	7.4	0.0	15.8





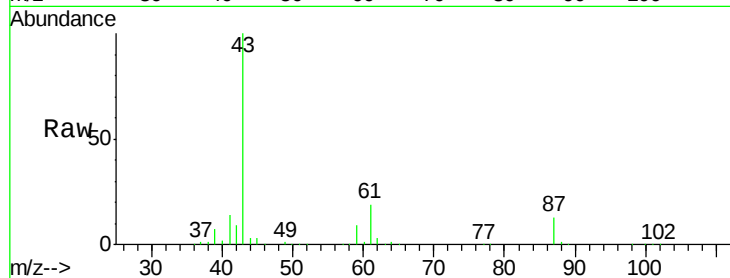
#43
Isopropyl Acetate
Concen: 138.473 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

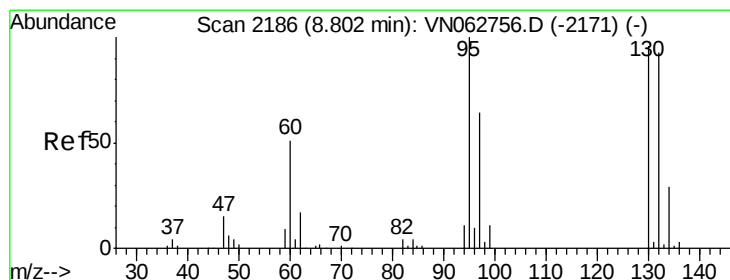
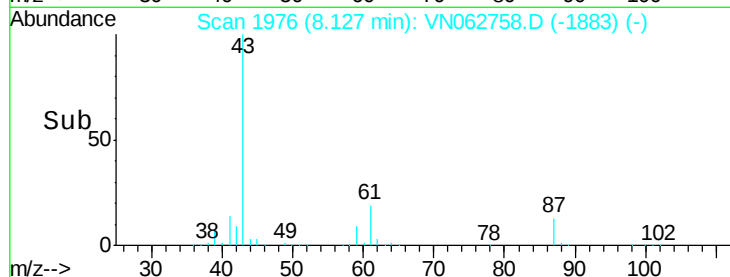
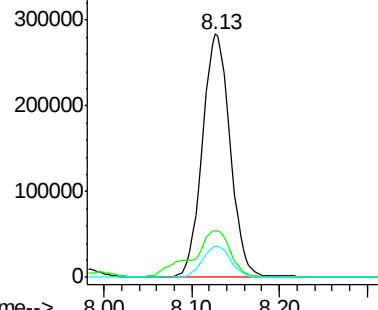
Tot Ion:	43	Resp:	624719
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.8	23.6
87	12.9	9.9	14.9

Manual Integrations
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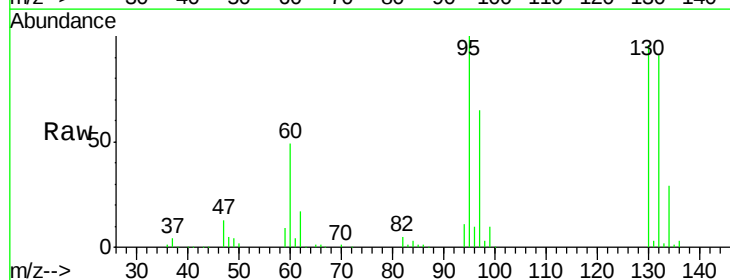


Abundance Ion 43.00 (42.70 to 43.70): VN062758.D (-1953) (-)
Ion 61.00 (60.70 to 61.70): VN062758.D (-1953) (-)
Ion 87.00 (86.70 to 87.70): VN062758.D (-1953) (-)

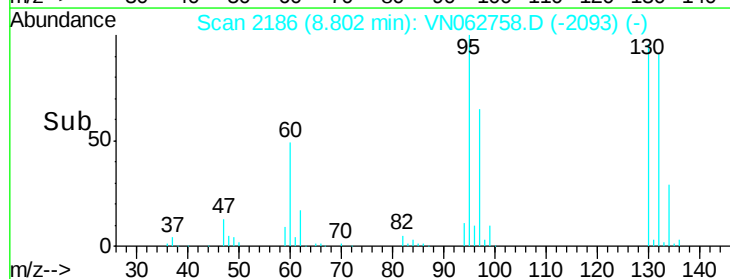
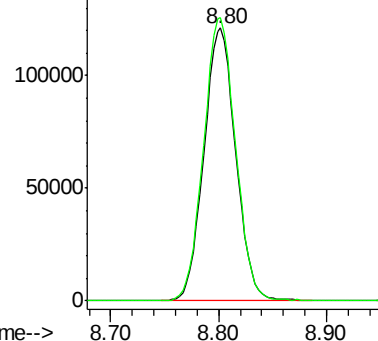


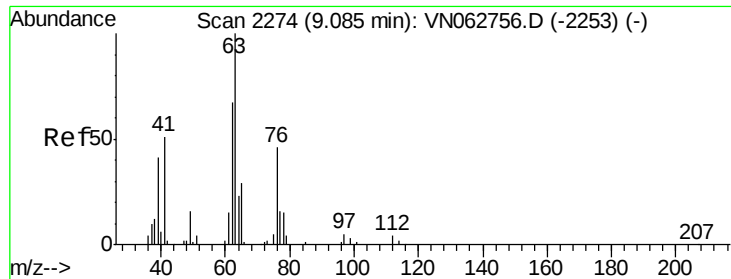
#44
Trichloroethene
Concen: 138.991 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:	130	Resp:	248920
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062758.D (-2171) (-)
Ion 94.90 (94.60 to 95.60): VN062758.D (-2171) (-)





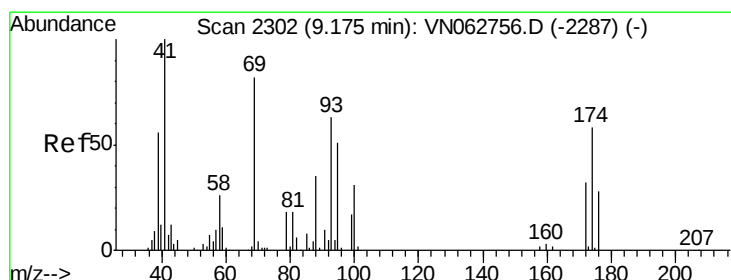
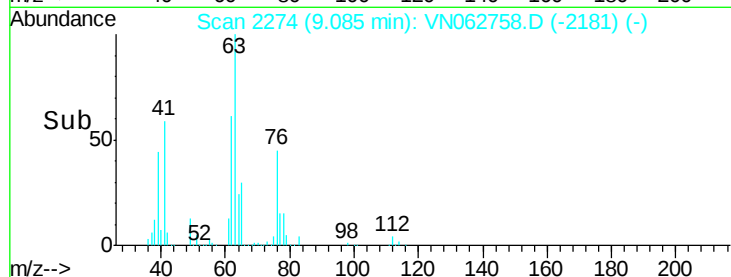
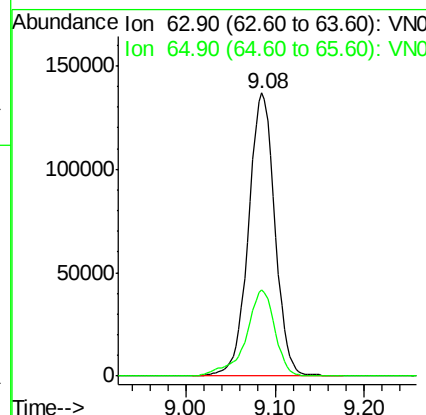
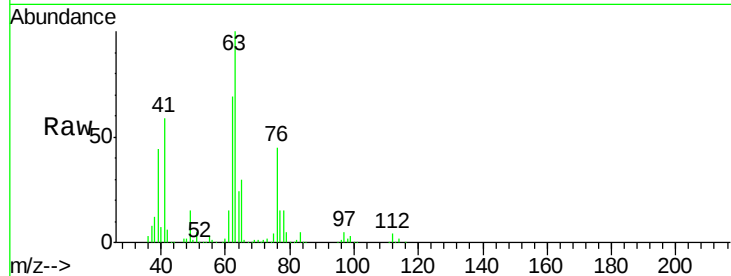
#45
 1,2-Dichloropropane
 Concen: 128.034 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.5	35.3

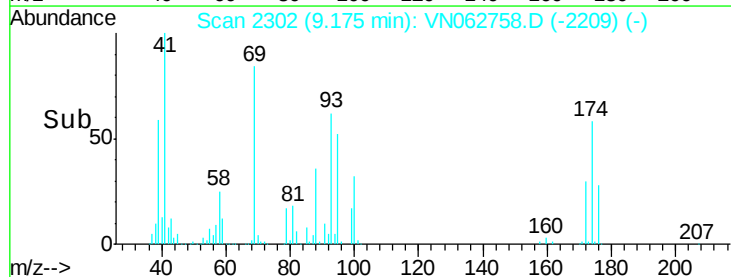
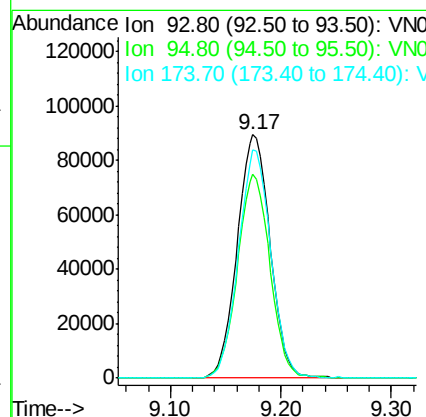
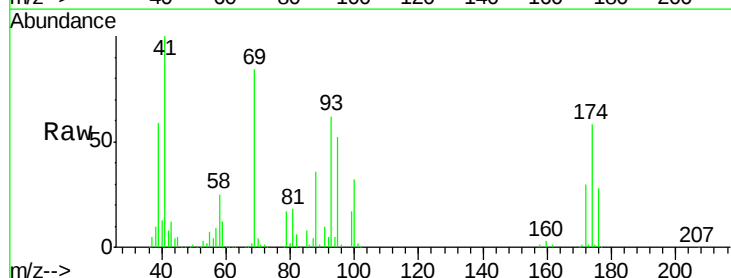
Manual Integrations
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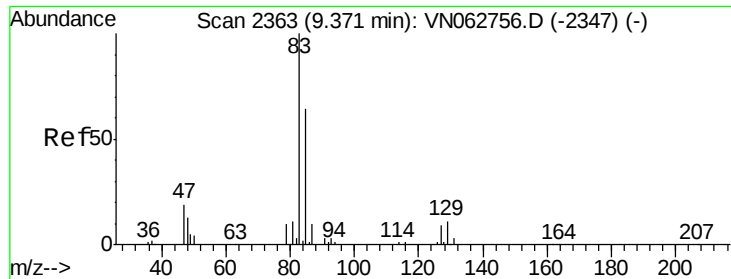
MMDadoda
 8/6/2020 1:51:50 PM



#46
 Dibromomethane
 Concen: 142.979 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.1	97.7
174	92.3	73.9	110.9





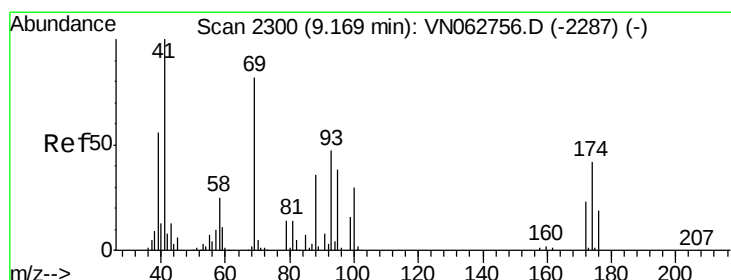
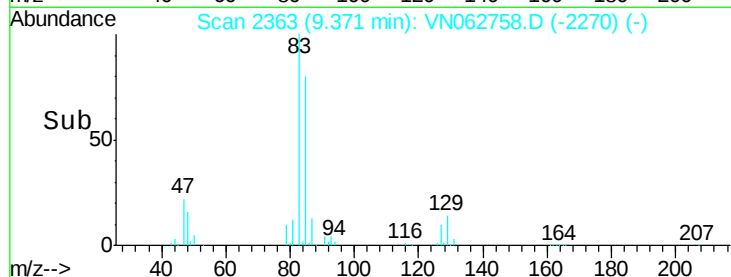
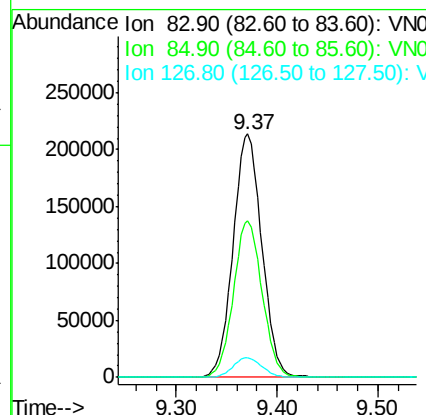
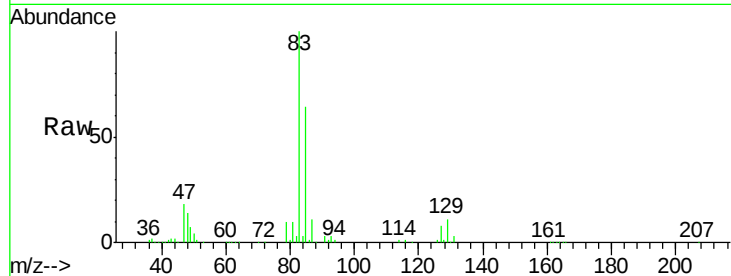
#47
Bromodichloromethane
Concen: 149.297 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	424319		
85	64.3		51.4	77.0
127	8.2		6.9	10.3

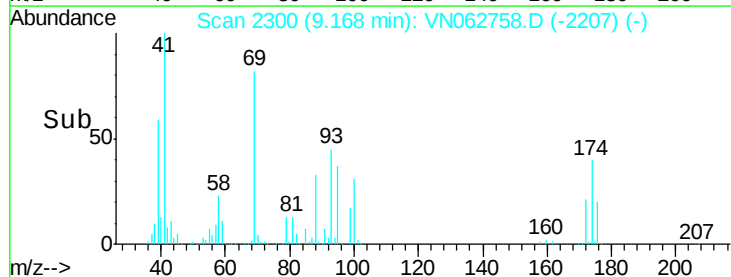
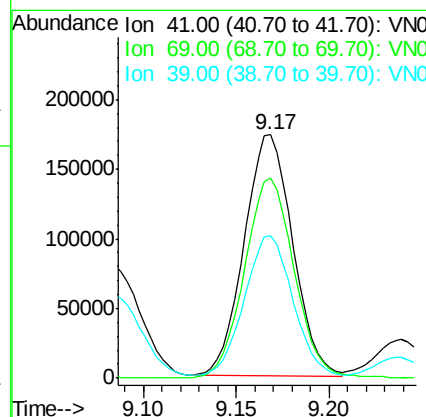
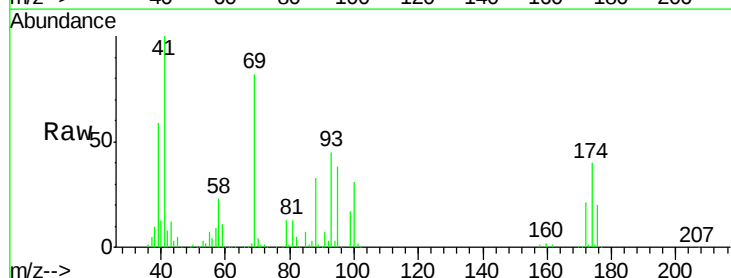
Manual Integrations
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8/6/2020 1:51:50 PM



#48
Methyl methacrylate
Concen: 145.666 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	315253		
69	85.4		67.4	101.2
39	60.0		47.6	71.4





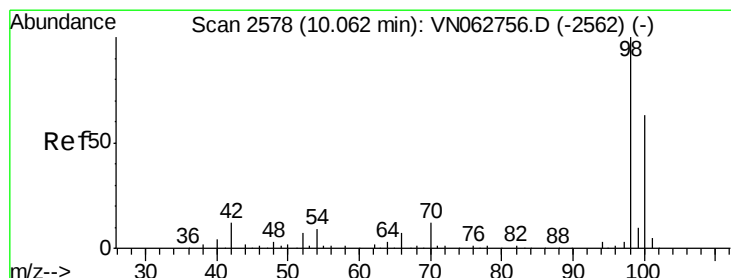
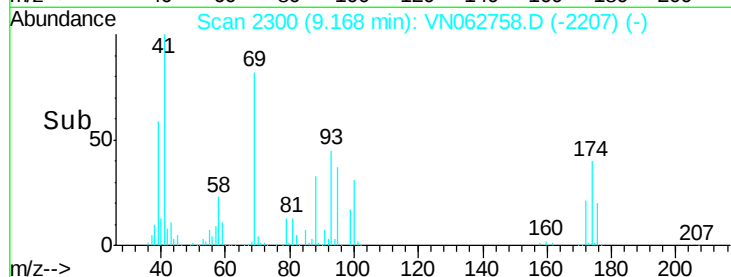
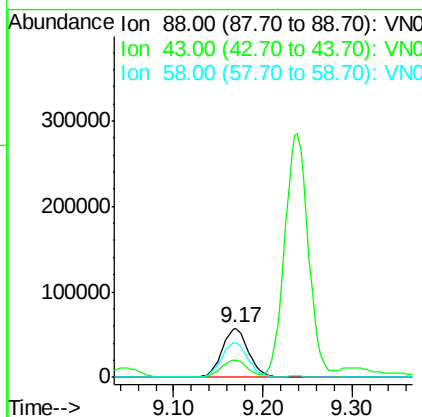
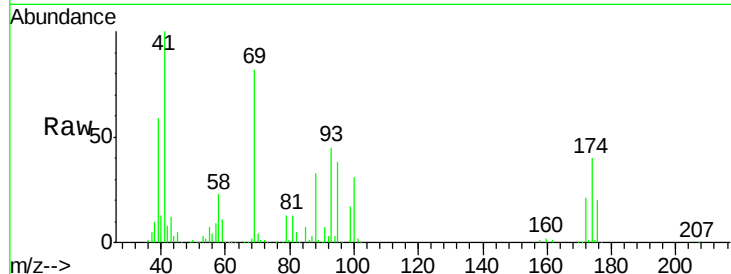
#49
1,4-Dioxane
Concen: 3412.008 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.0	29.5	44.3	
58	70.8	59.8	89.8	

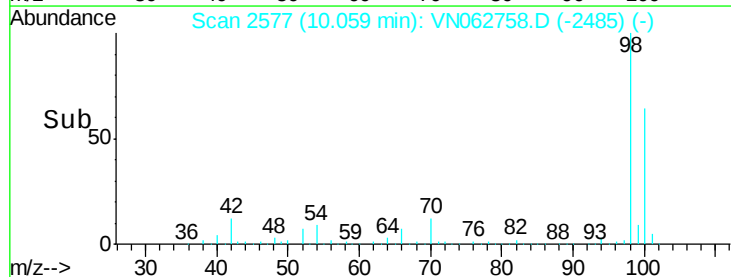
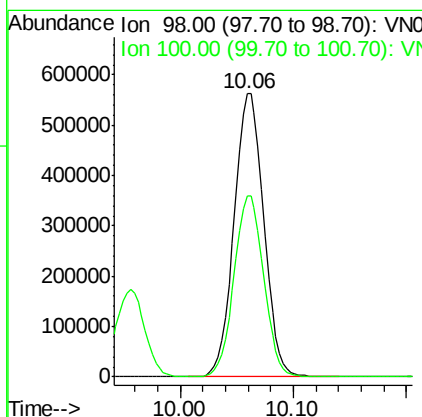
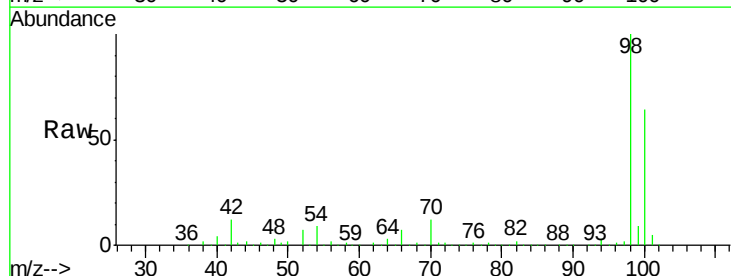
Manual Integrations
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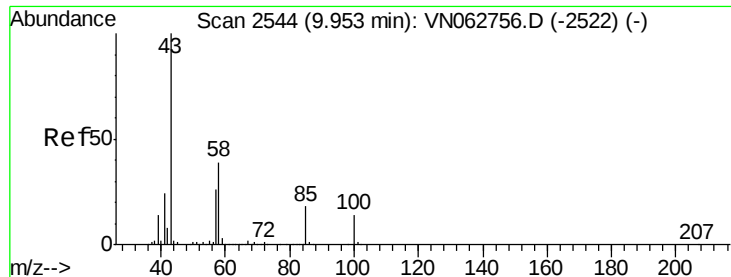
MMDadoda
8/6/2020 1:51:50 PM



#50
Toluene-d8
Concen: 157.449 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.7	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 772.875 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2123581

Ion Ratio Lower Upper

43 100

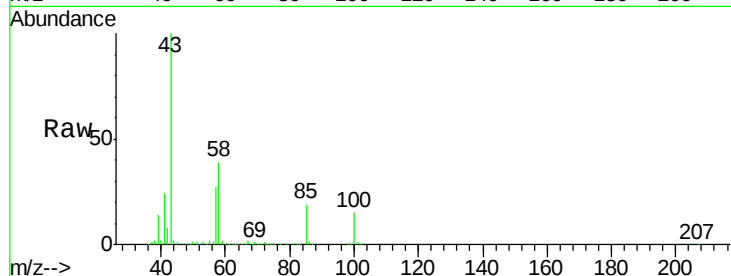
58 39.1 31.1 46.7

Manual Integrations

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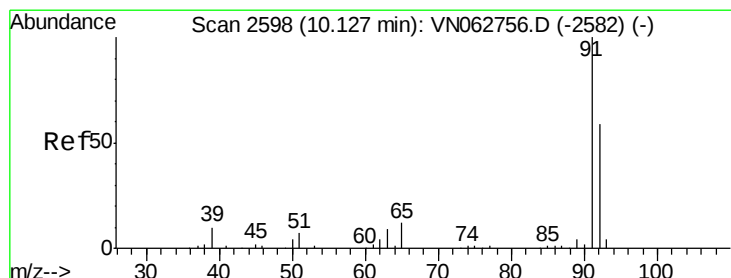
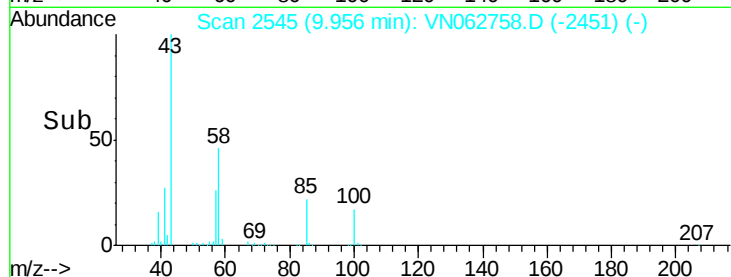
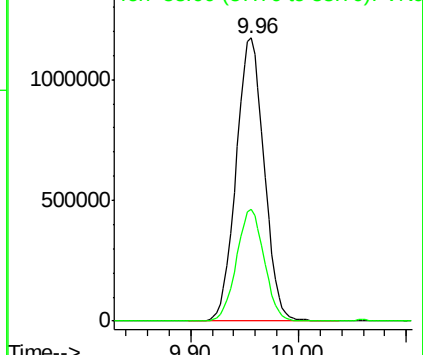
MMDadoda

8/6/2020 1:51:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)



#52

Toluene

Concen: 142.146 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062758.D

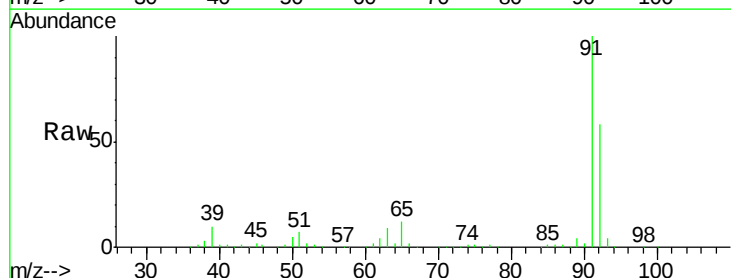
Acq: 5 Aug 2020 13:04

Tgt Ion: 92 Resp: 655787

Ion Ratio Lower Upper

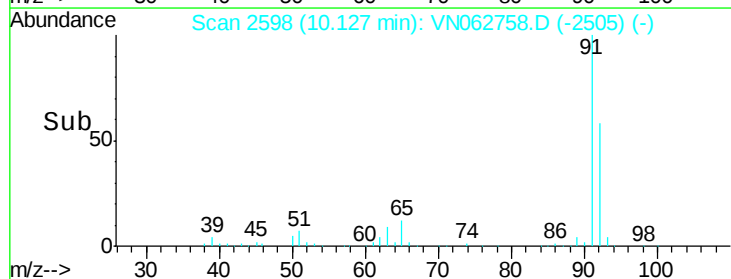
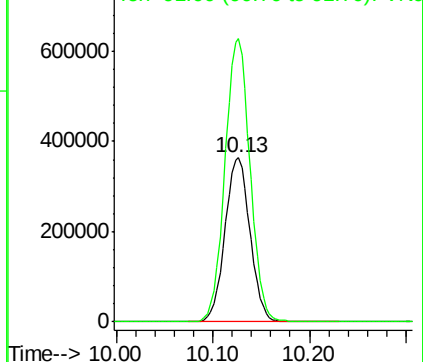
92 100

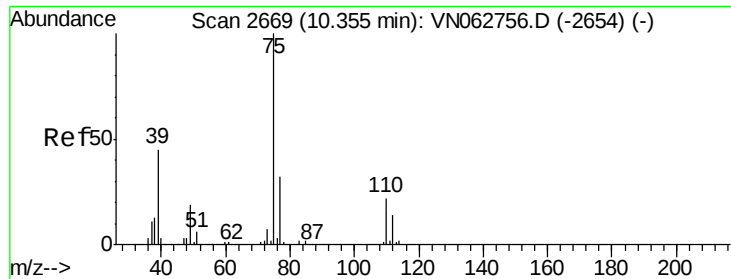
91 172.6 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062758.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN062758.D (-2505) (-)





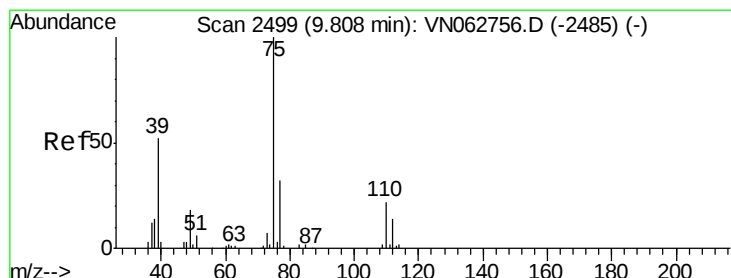
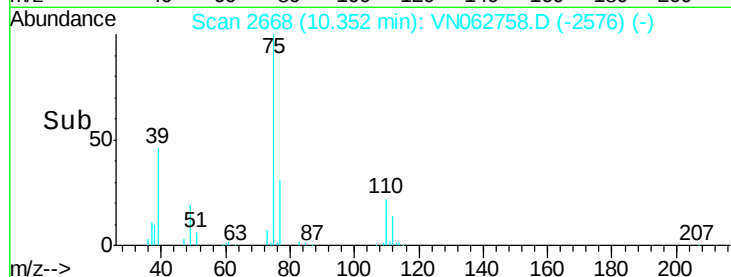
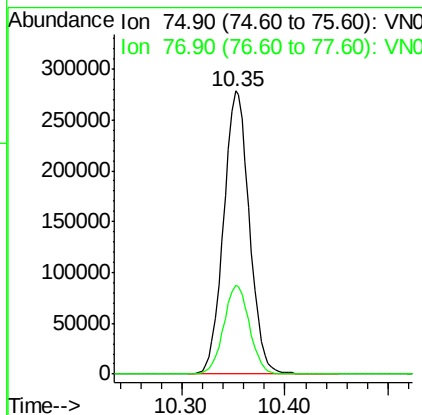
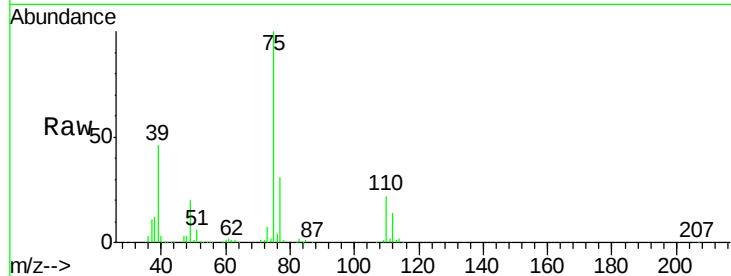
#53
t-1,3-Dichloropropene
Concen: 154.263 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

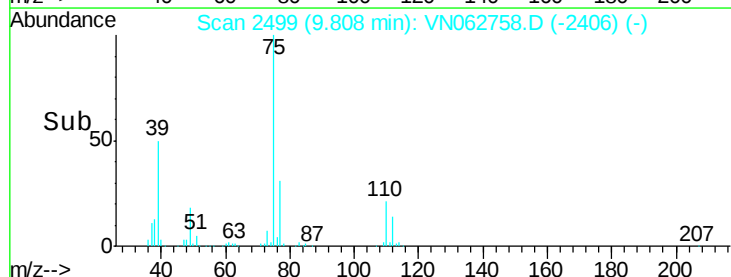
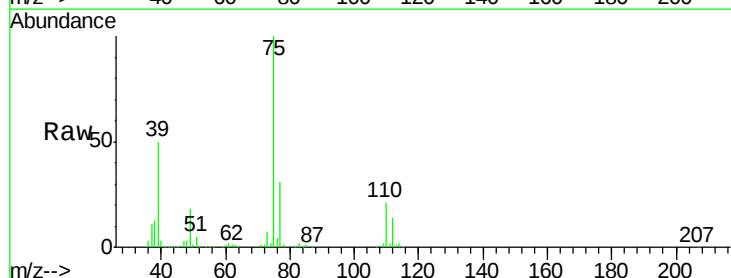
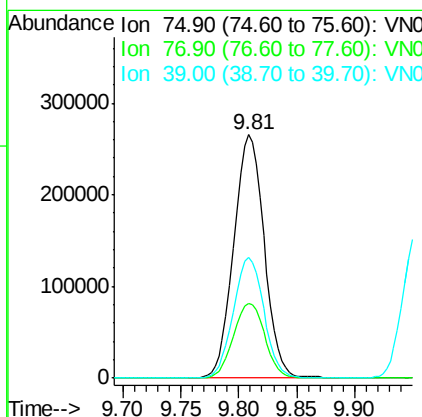
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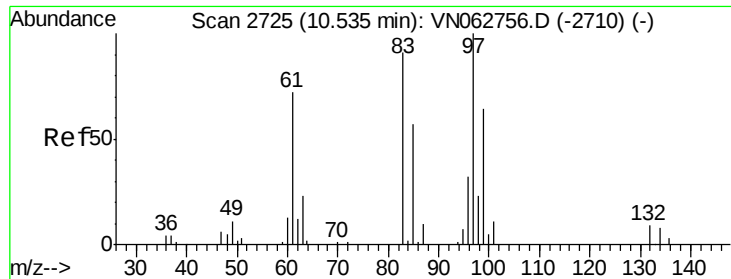
MMDadoda
8/6/2020 1:51:50 PM



#54
cis-1,3-Dichloropropene
Concen: 145.180 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.5	38.3
39	49.6	41.9	62.9





#55

1,1,2-Trichloroethane

Concen: 148.078 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 267763

Ion Ratio Lower Upper

97 100

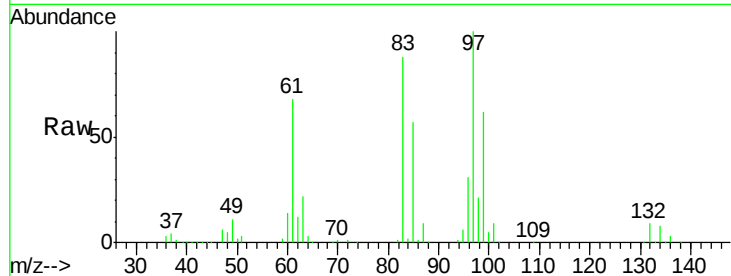
83 88.0 72.6 108.8

85 57.2 46.0 69.0

99 61.5 51.1 76.7

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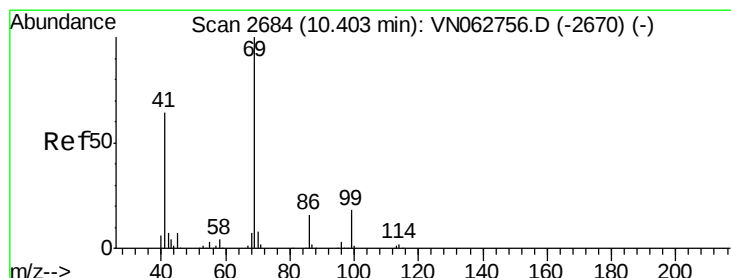
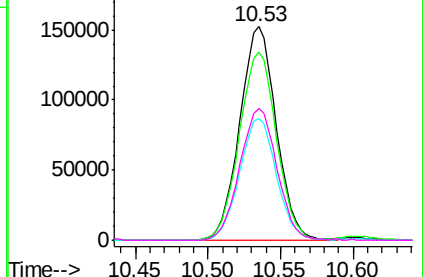
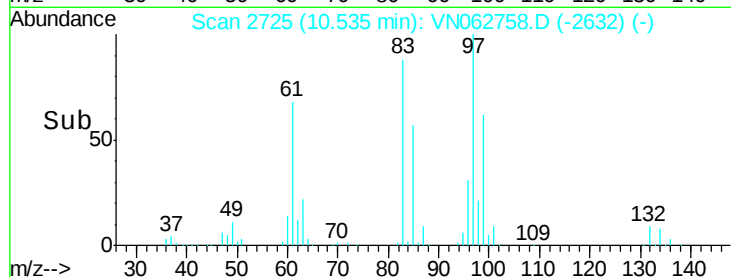
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 167.291 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

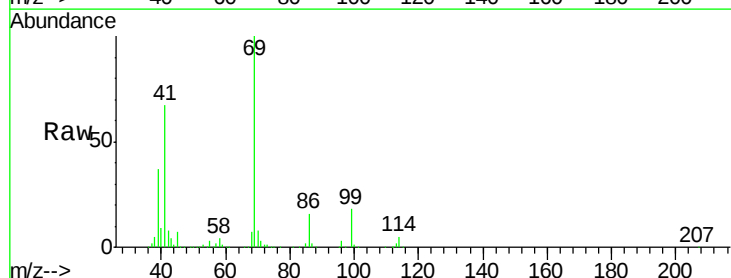
Tgt Ion: 69 Resp: 482548

Ion Ratio Lower Upper

69 100

41 65.8 52.2 78.2

39 36.6 30.9 46.3

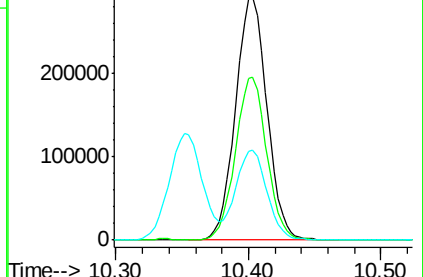
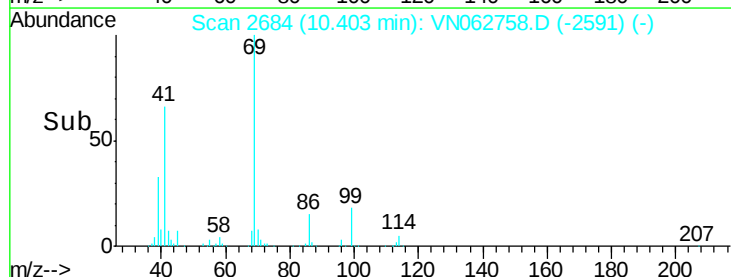


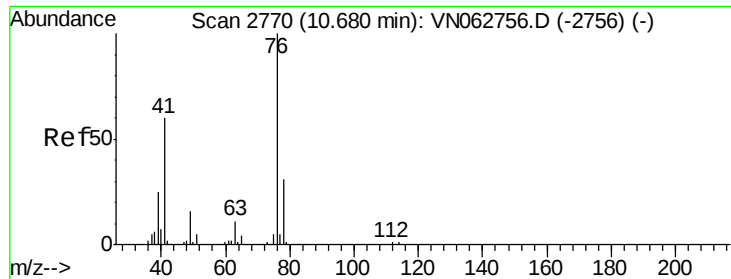
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->





#57

1,3-Dichloropropane

Concen: 144.149 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 475033

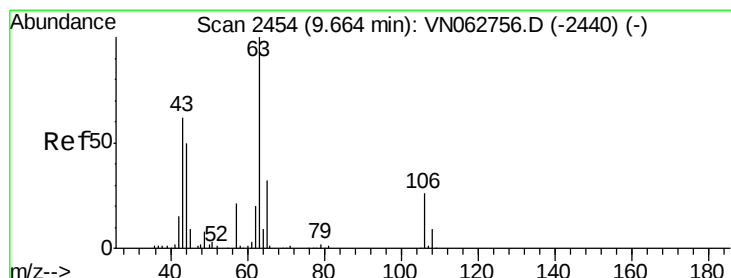
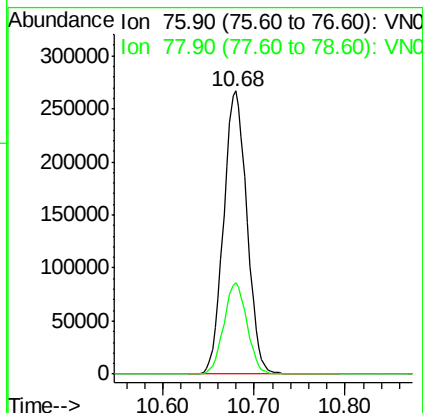
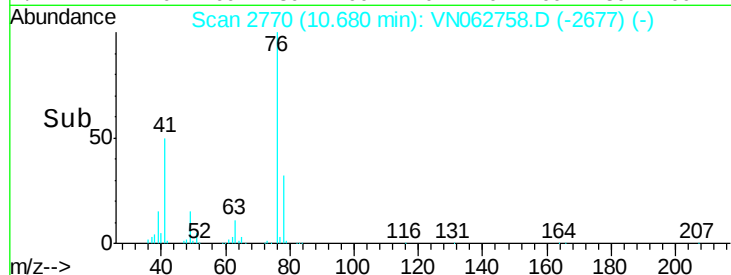
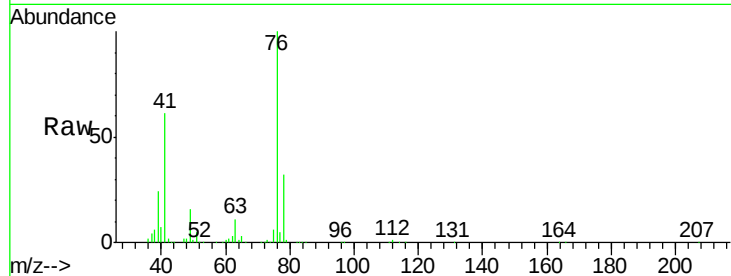
Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 822.974 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062758.D

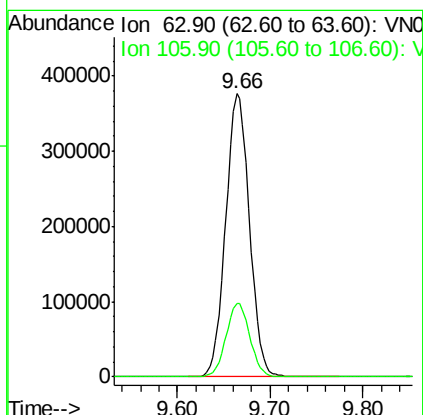
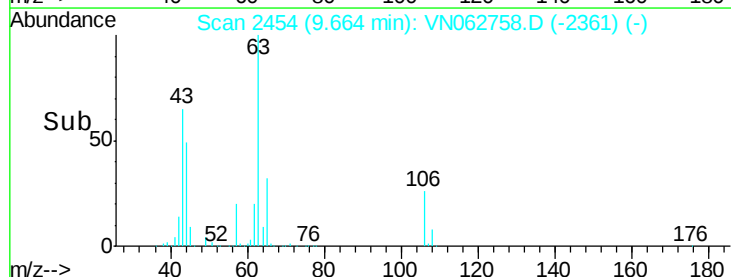
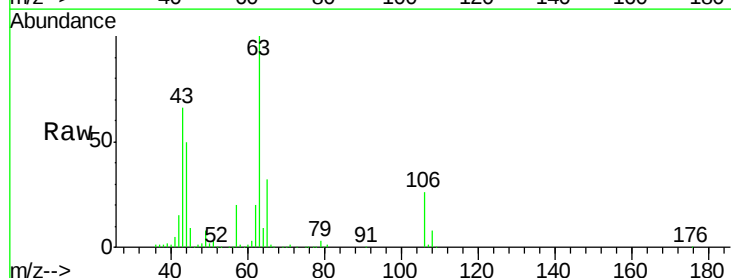
Acq: 5 Aug 2020 13:04

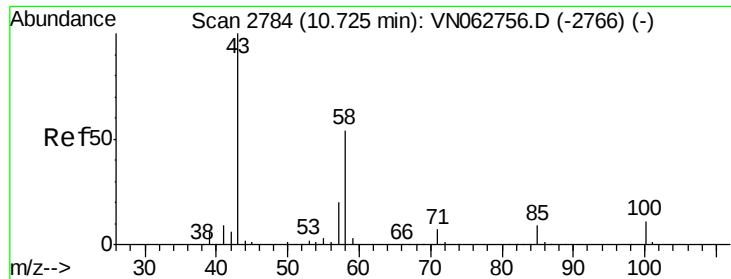
Tgt Ion: 63 Resp: 669177

Ion Ratio Lower Upper

63 100

106 26.0 20.9 31.3





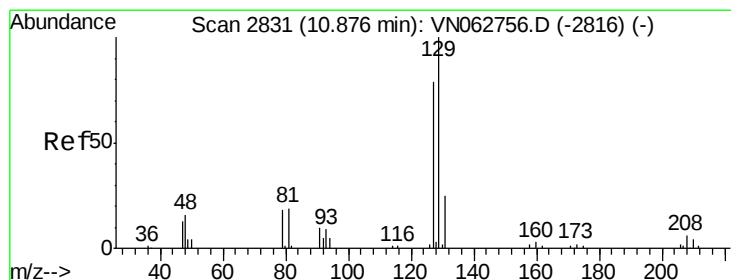
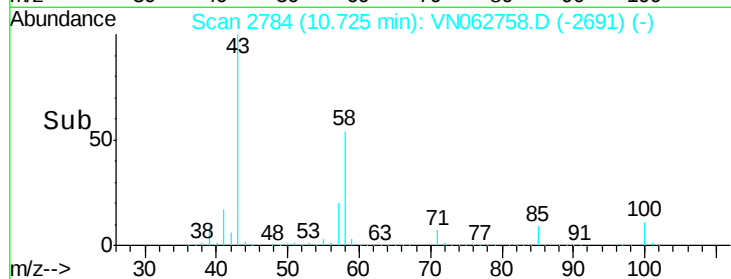
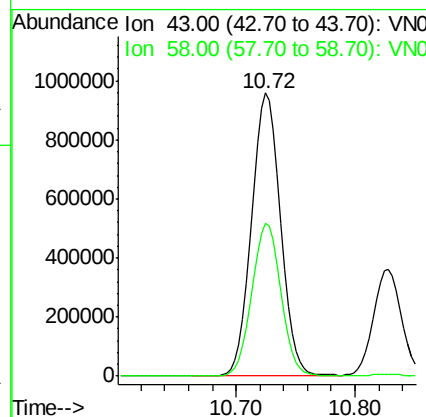
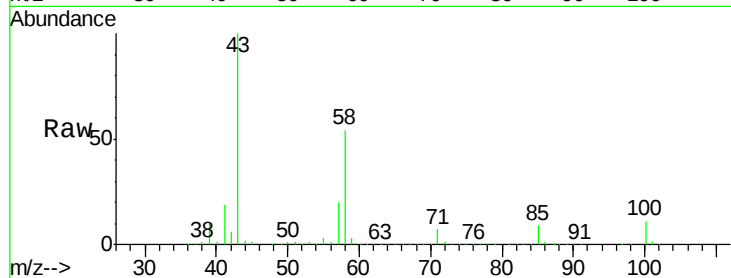
#59
2-Hexanone
Concen: 824.433 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 1619436
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1

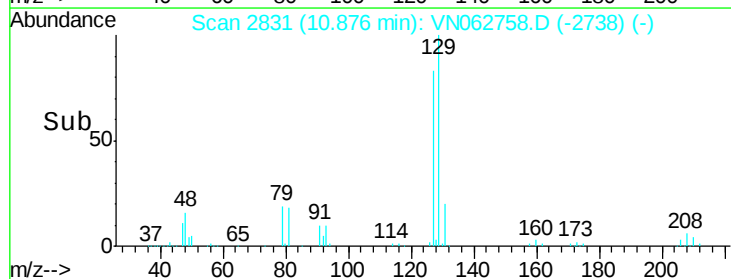
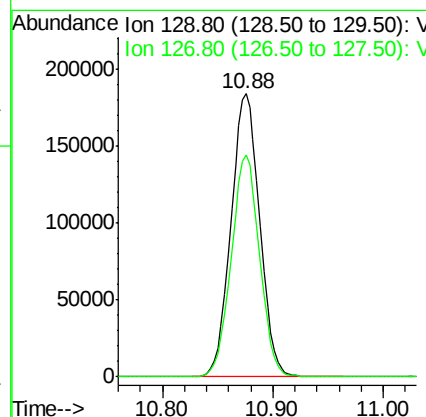
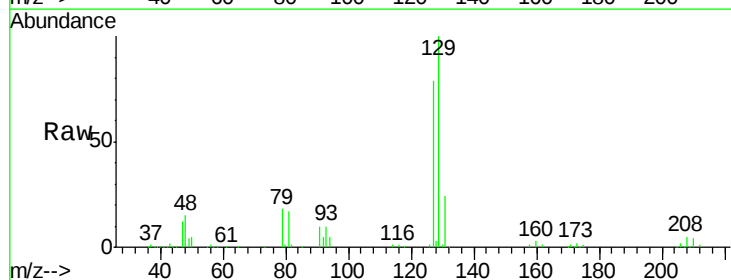
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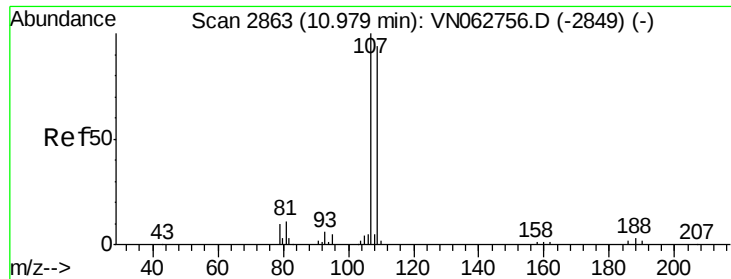
MMDadoda
8/6/2020 1:51:50 PM



#60
Dibromochloromethane
Concen: 162.614 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 129 Resp: 331040
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





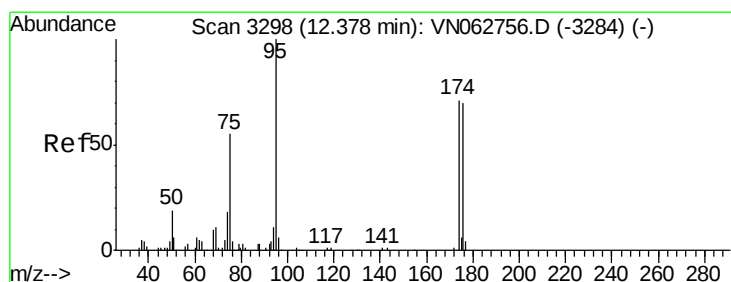
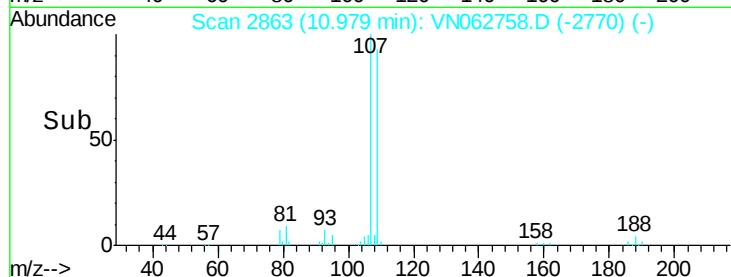
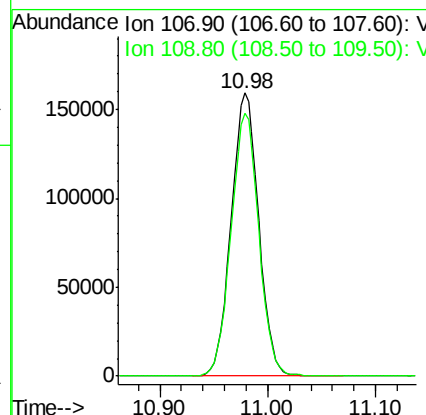
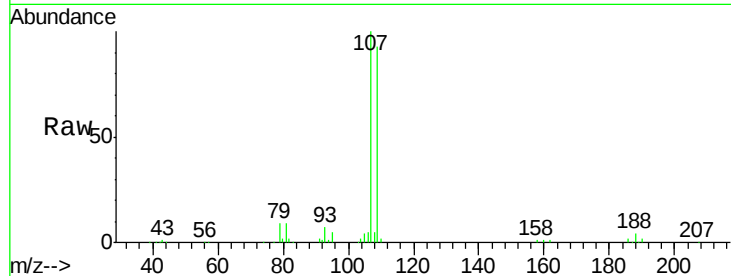
#61
 1,2-Dibromoethane
 Concen: 150.845 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	283151		
109	93.7	76.1	114.1	

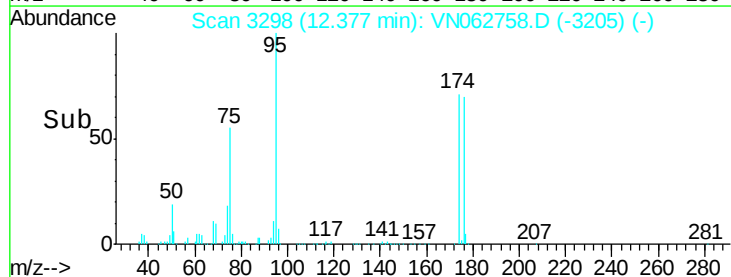
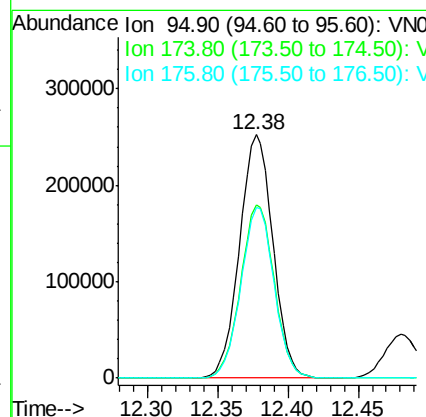
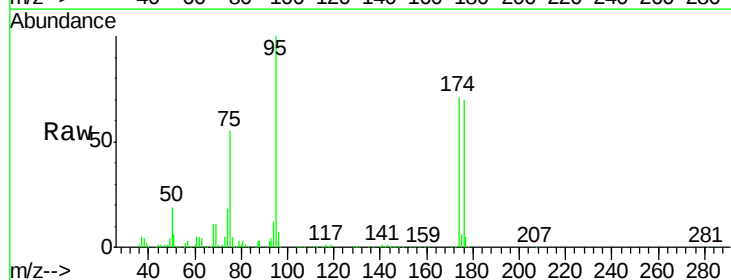
Manual Integrations
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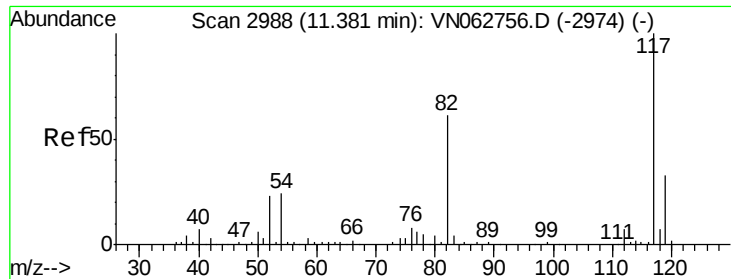
MMDadoda
 8/6/2020 1:51:50 PM



#62
 4-Bromofluorobenzene
 Concen: 174.428 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	419624		
174	71.8	0.0	144.8	
176	69.8	0.0	142.2	





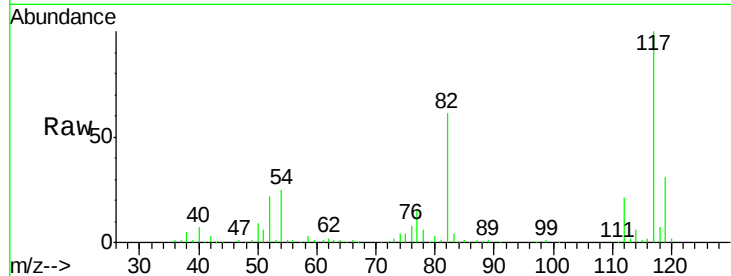
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

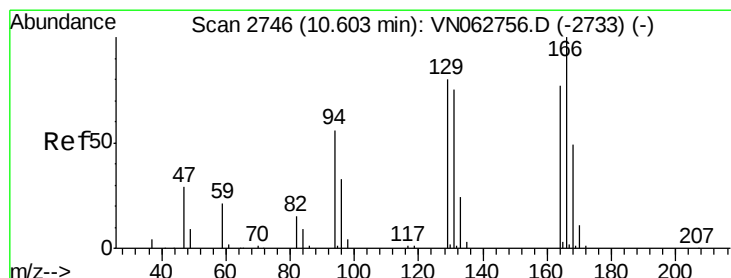
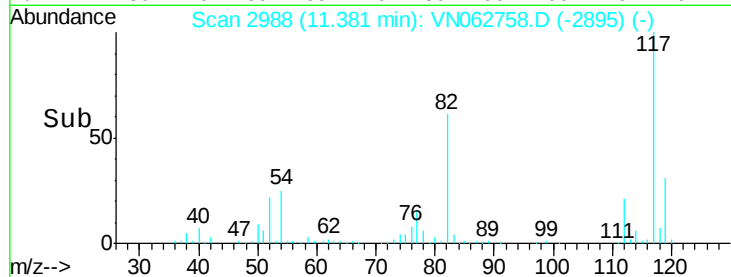
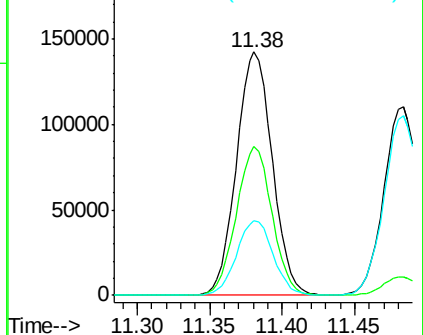
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.0	73.4
119	30.7	26.2	39.2

Manual Integrations
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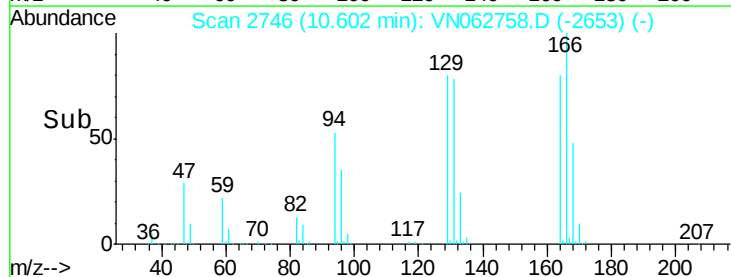
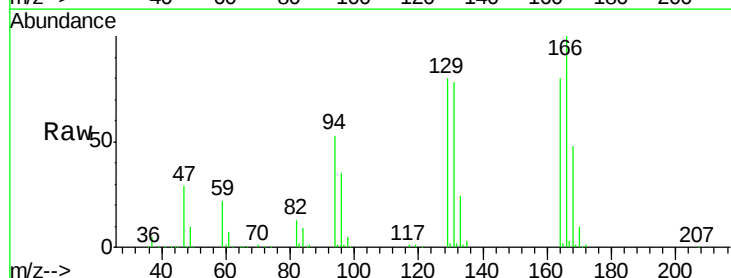
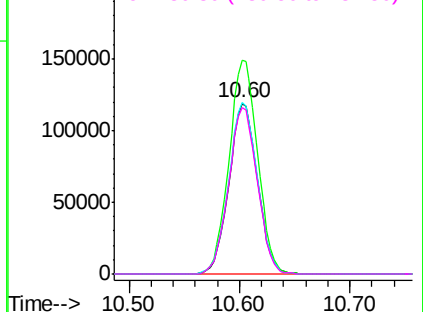
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

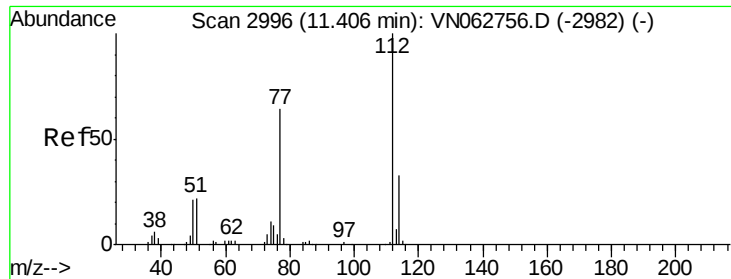


#64
Tetrachloroethene
Concen: 134.012 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.8	155.8
129	100.7	82.7	124.1
131	98.1	78.2	117.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





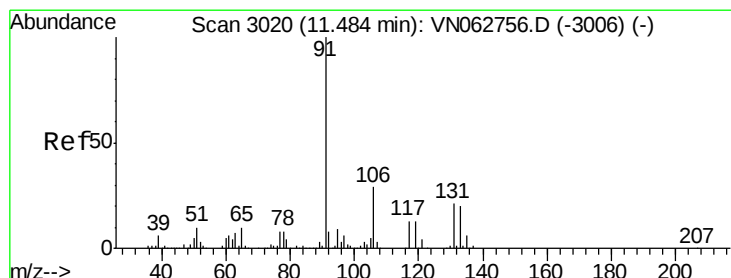
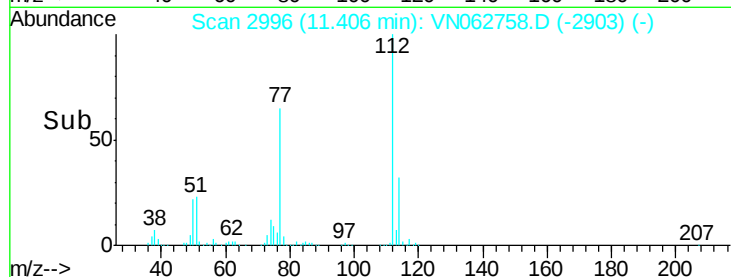
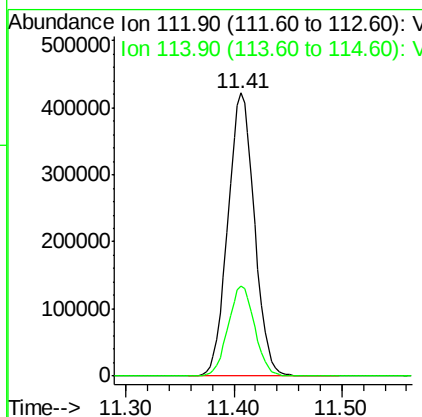
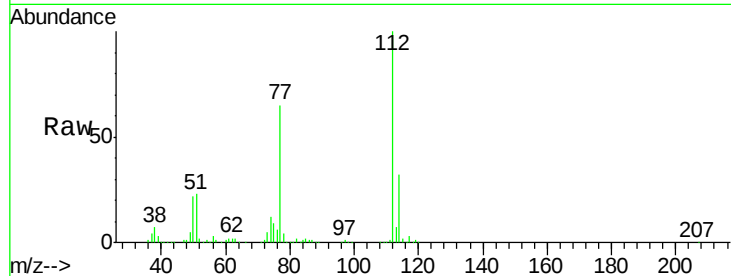
#65
Chlorobenzene
Concen: 141.601 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.4

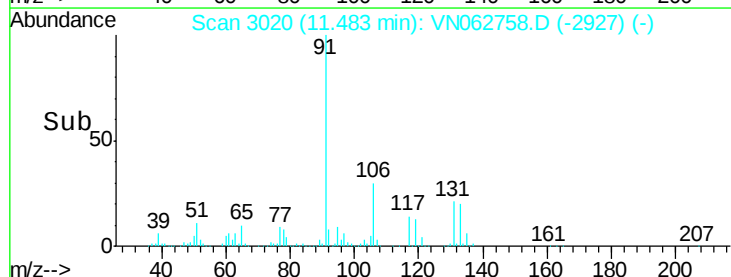
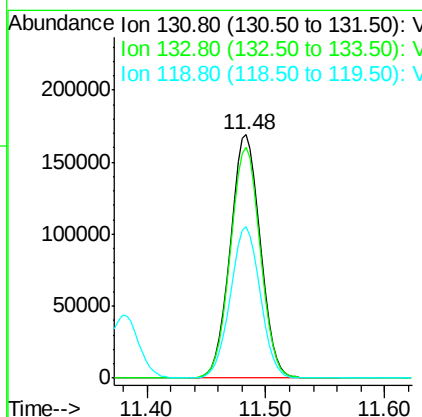
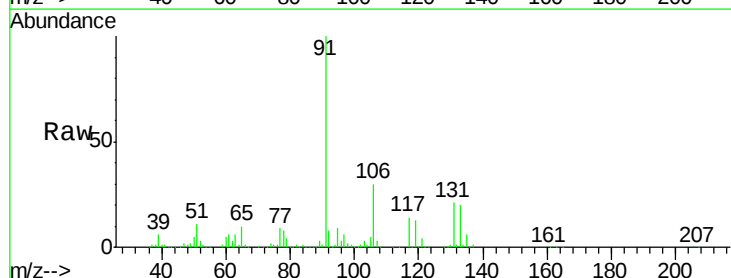
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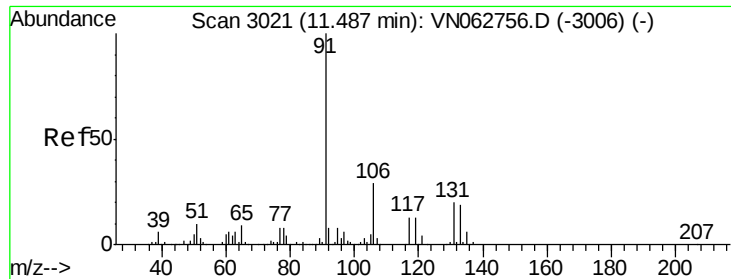
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#66
1,1,1,2-Tetrachloroethane
Concen: 150.906 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.6	145.8
119	62.3	32.2	96.6





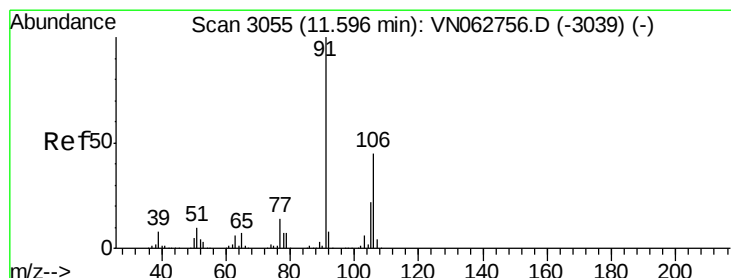
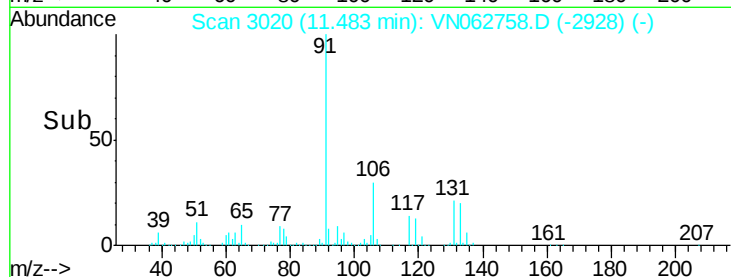
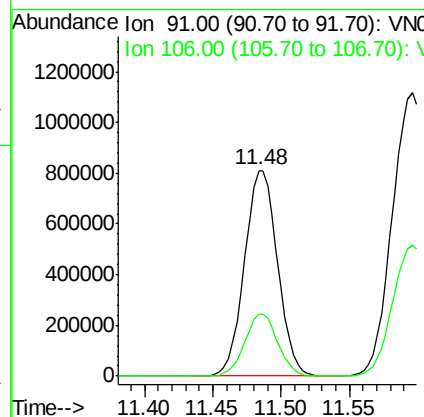
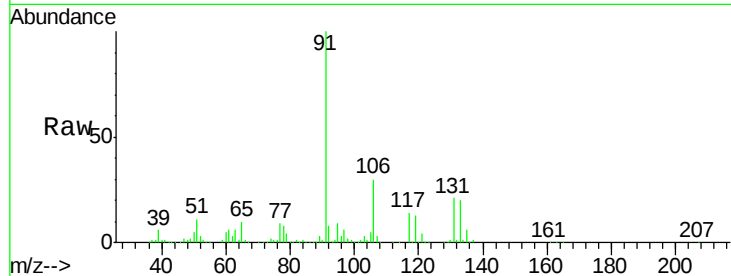
#67
Ethyl Benzene
Concen: 145.787 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1366060
Ion Ratio Lower Upper
91 100
106 30.1 23.2 34.8

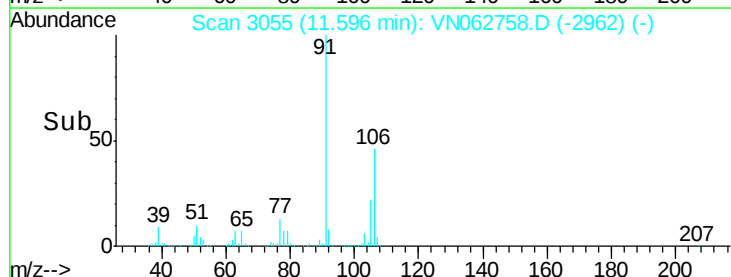
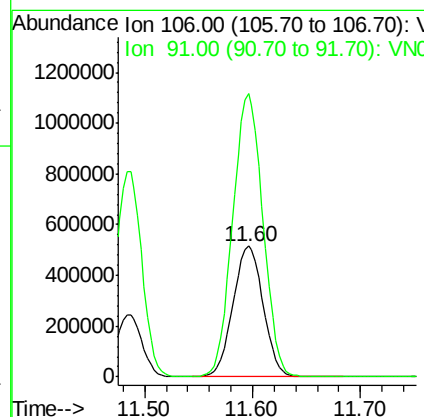
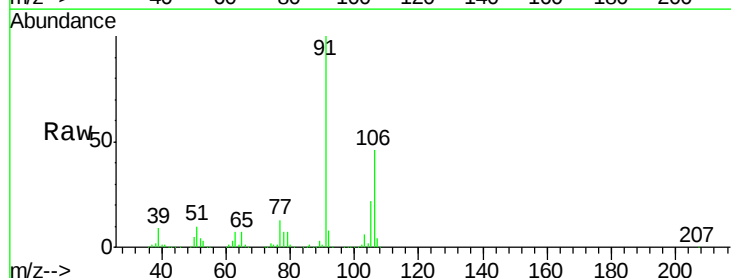
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#68
m/p-Xylenes
Concen: 297.000 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 106 Resp: 1002799
Ion Ratio Lower Upper
106 100
91 216.9 175.9 263.9





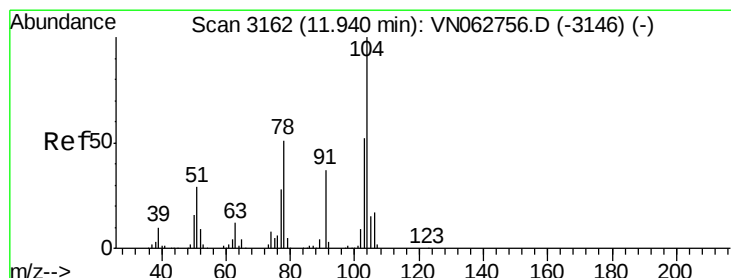
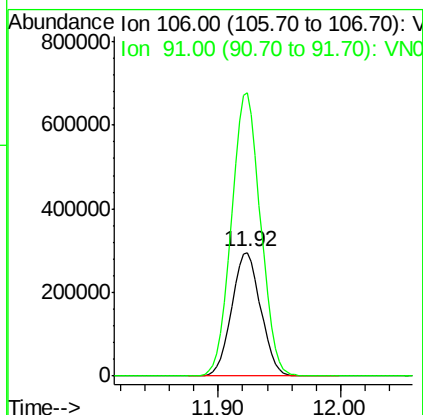
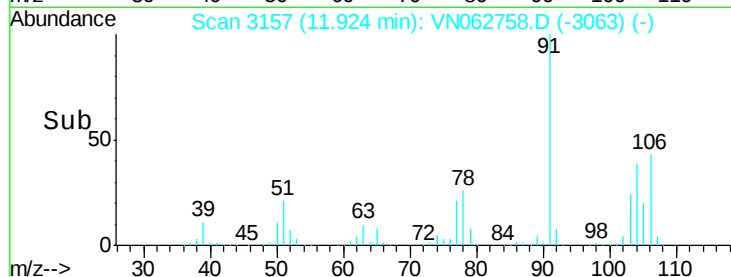
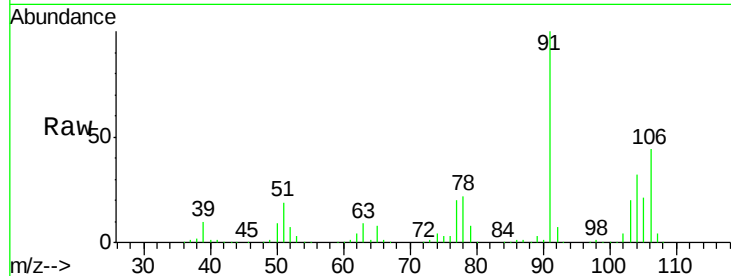
#69
o-Xylene
Concen: 152.534 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		489974		
91	229.4	115.8	347.4		

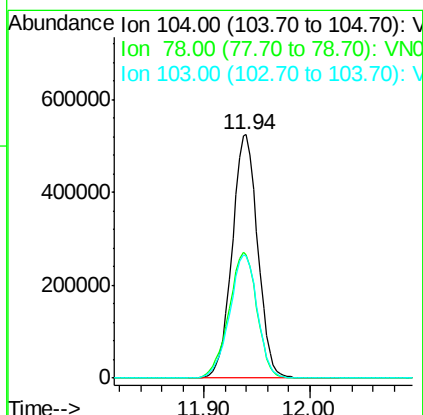
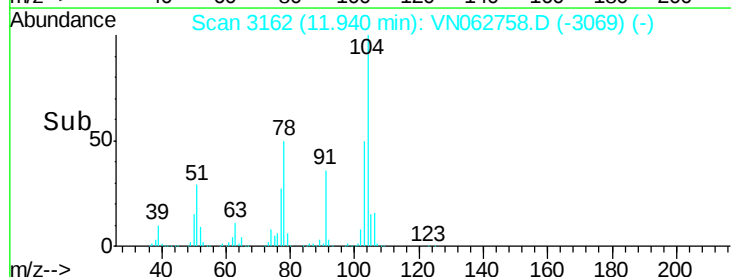
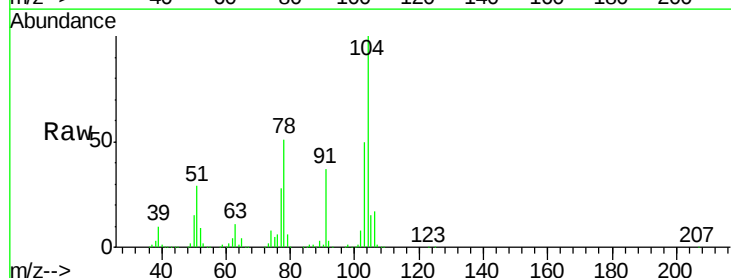
Manual Integrations
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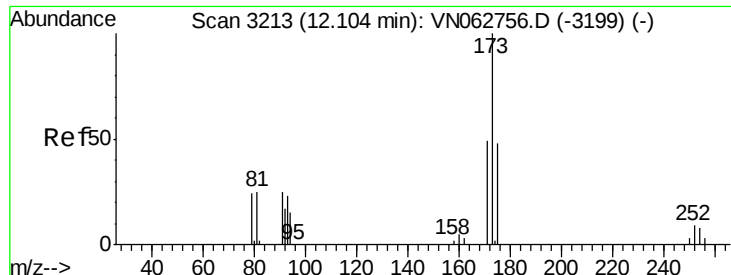
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#70
Styrene
Concen: 161.533 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		879990		
78	56.8	45.9	68.9		
103	55.0	45.1	67.7		





#71

Bromoform

Concen: 167.224 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 248206

Ion Ratio Lower Upper

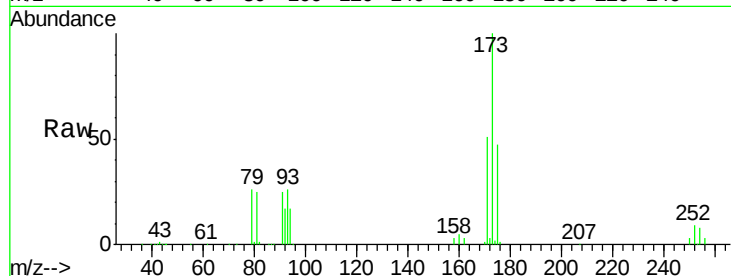
173 100

175 47.3 24.0 72.0

254 0.0 0.0 0.0#

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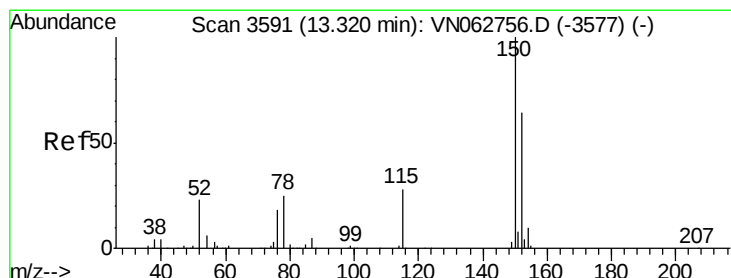
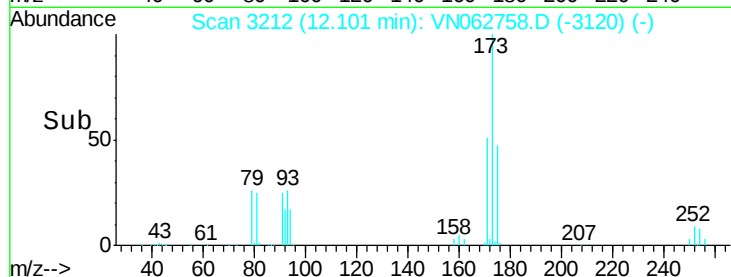
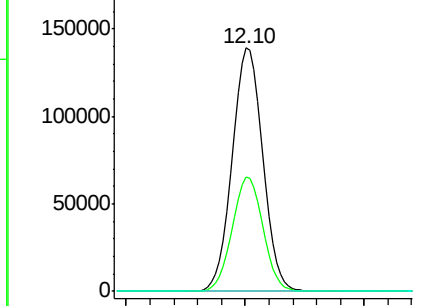
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

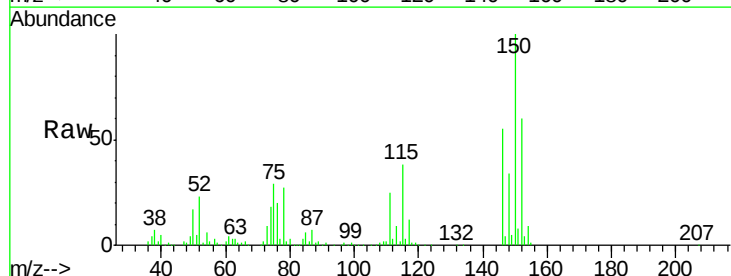
Tgt Ion:152 Resp: 130281

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

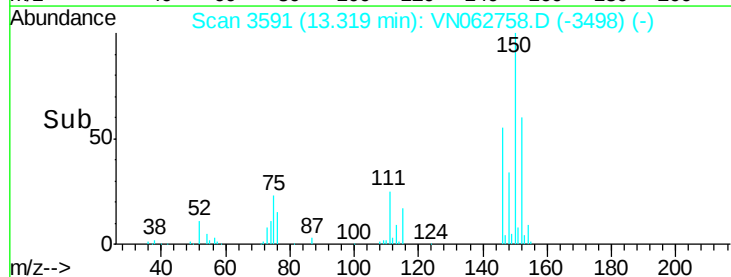
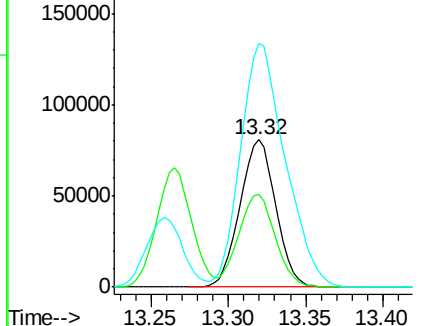
150 205.7 0.0 349.2

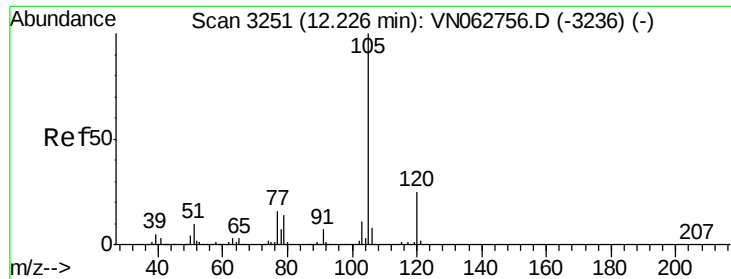


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 133.387 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1368215

Ion Ratio Lower Upper

105 100

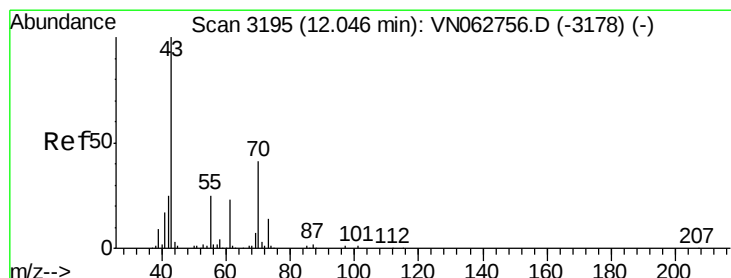
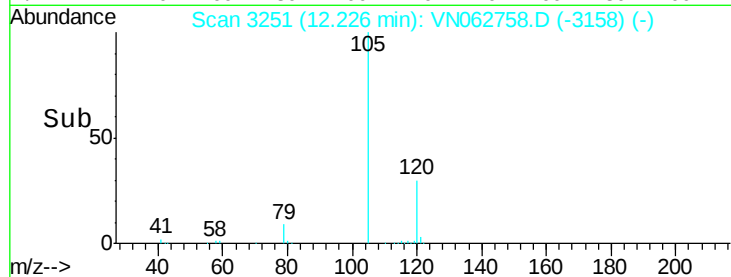
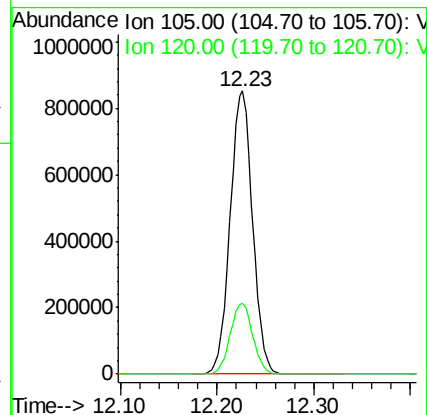
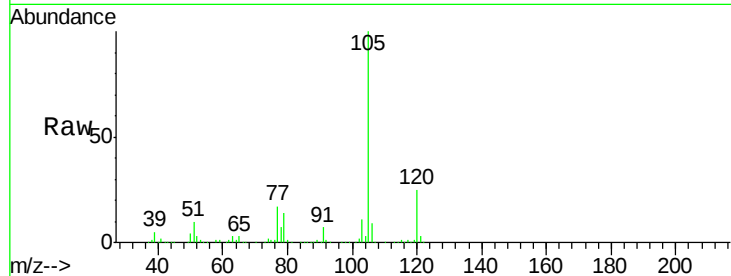
120 25.4 12.6 37.8

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#74

N-ethyl acetate

Concen: 138.041 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion: 43 Resp: 618267

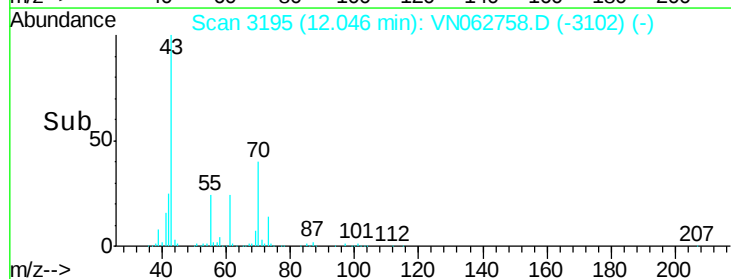
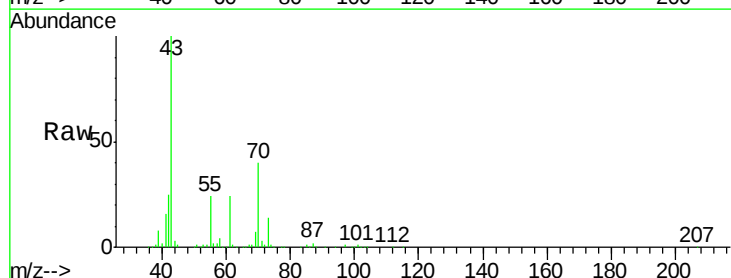
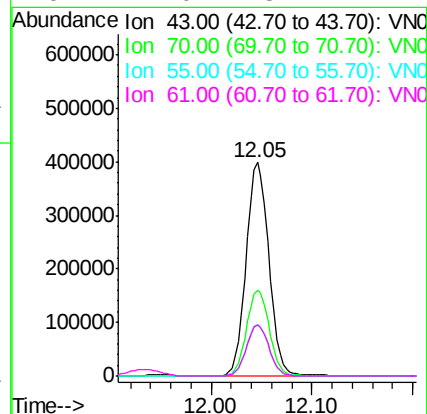
Ion Ratio Lower Upper

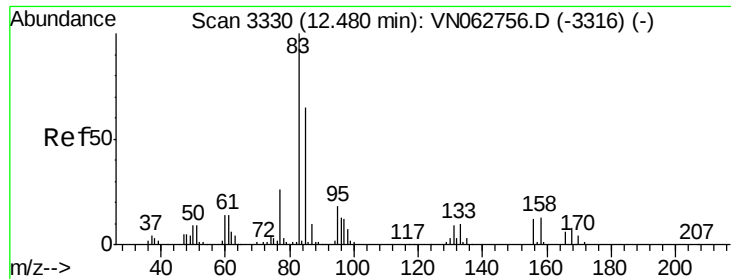
43 100

70 40.3 32.3 48.5

55 24.2 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 122.902 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 436558
Ion Ratio Lower Upper

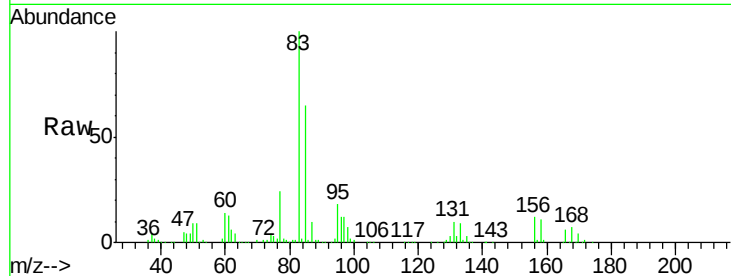
83 100

131 10.4 5.1 15.4

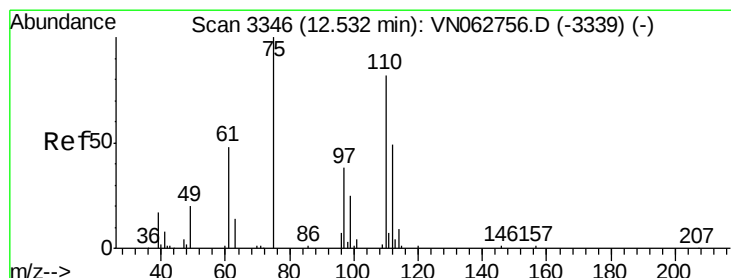
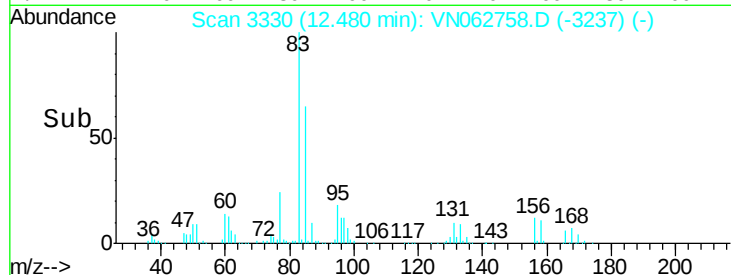
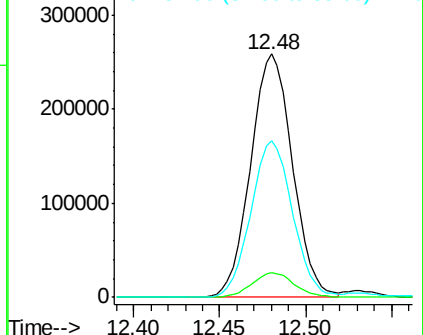
85 64.2 31.9 95.9

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN0
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 137.479 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

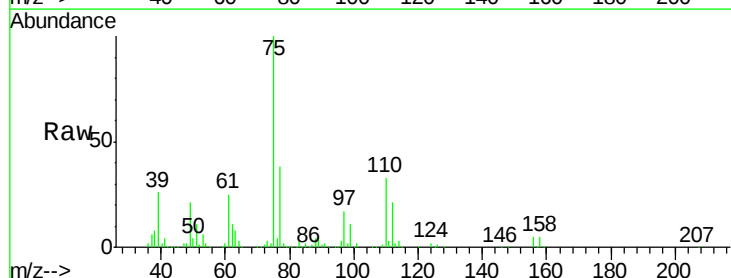
Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

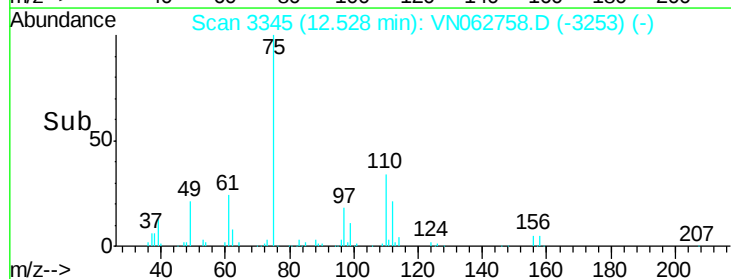
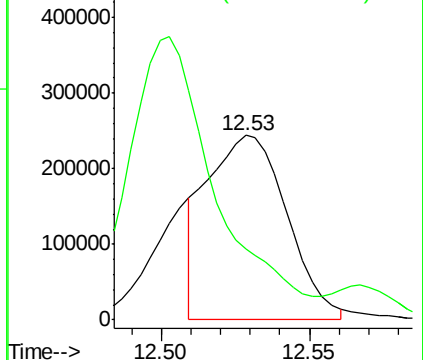
Tgt Ion: 75 Resp: 458016
Ion Ratio Lower Upper

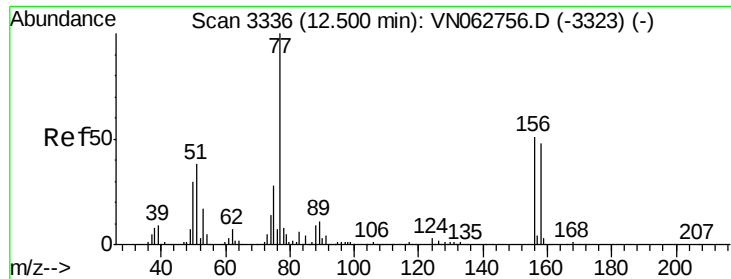
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 133.431 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

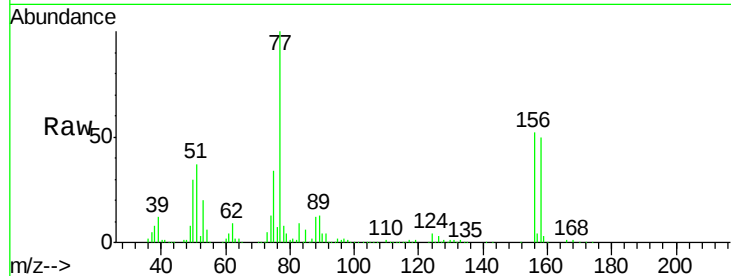
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	232.1	119.7	359.1
158	96.7	48.1	144.3

Manual Integrations
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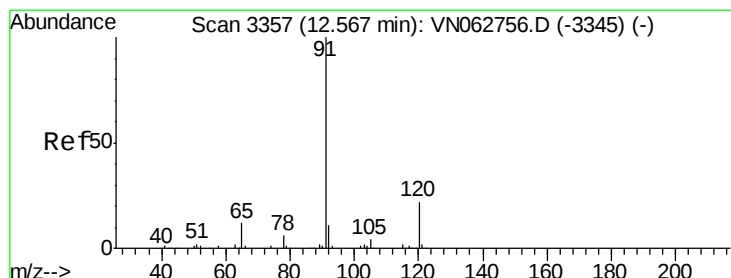
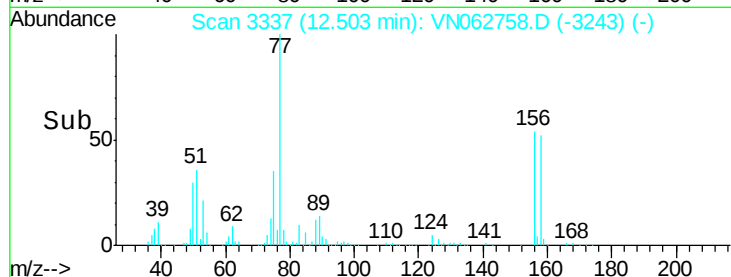
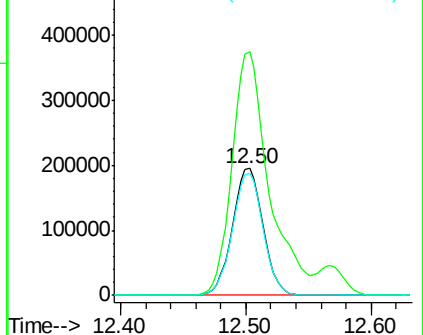


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.043 ug/l

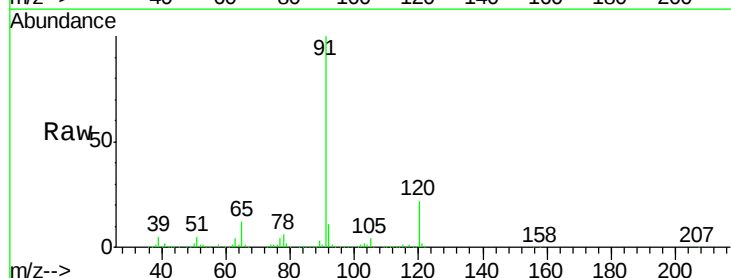
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

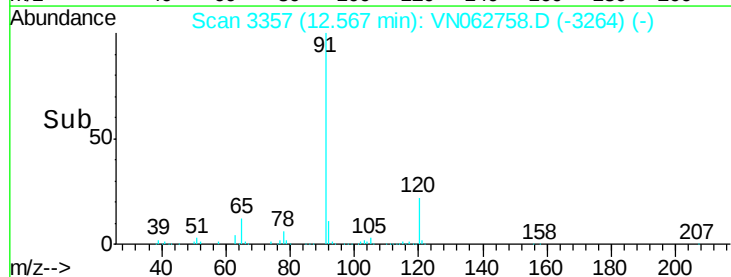
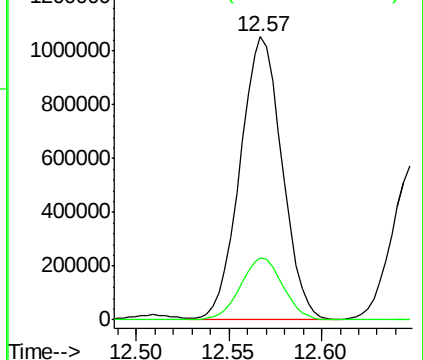
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9

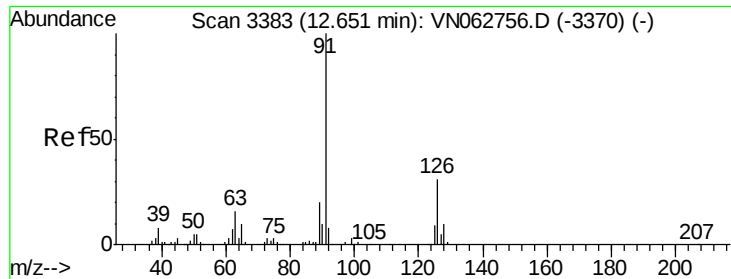


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





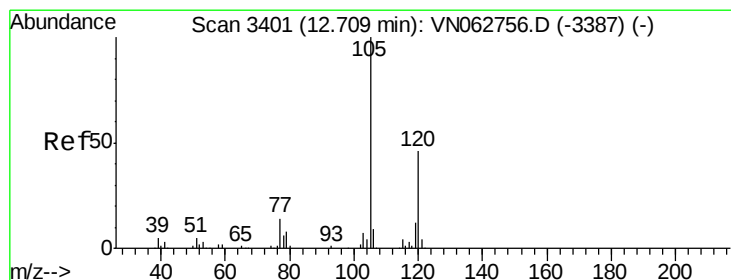
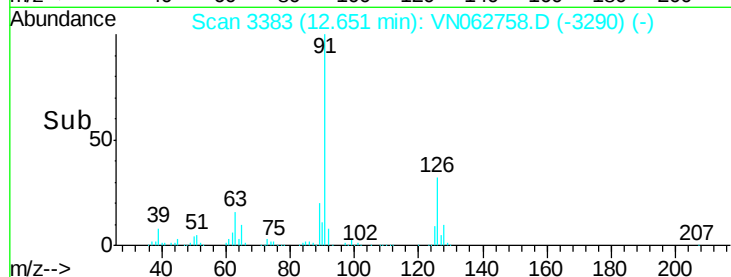
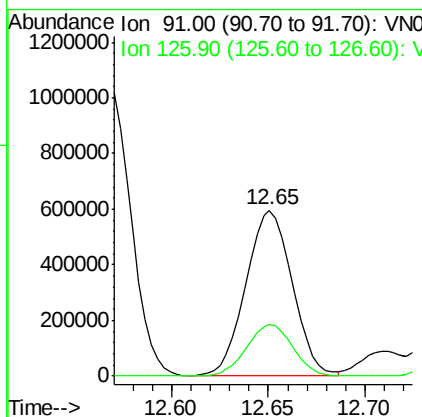
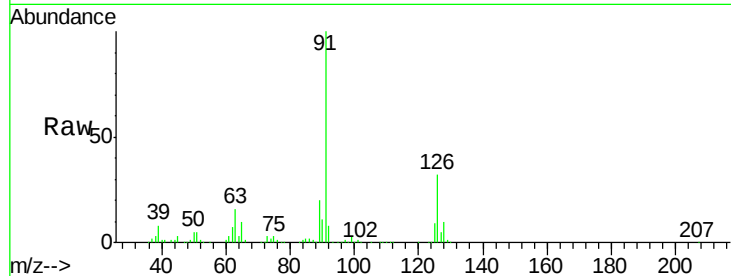
#79
 2-Chlorotoluene
 Concen: 134.419 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 995850
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.6 46.7

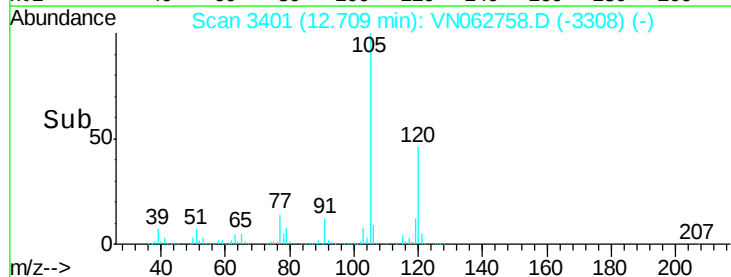
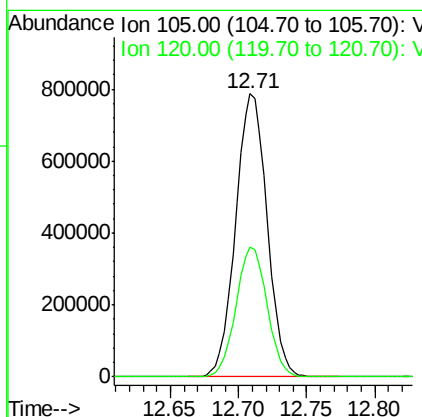
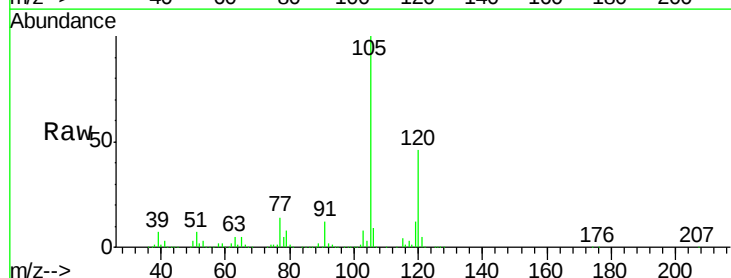
Manual Integrations
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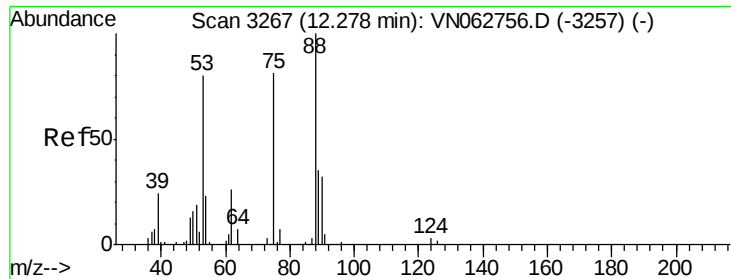
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 146.483 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 105 Resp: 1252057
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 141.138 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

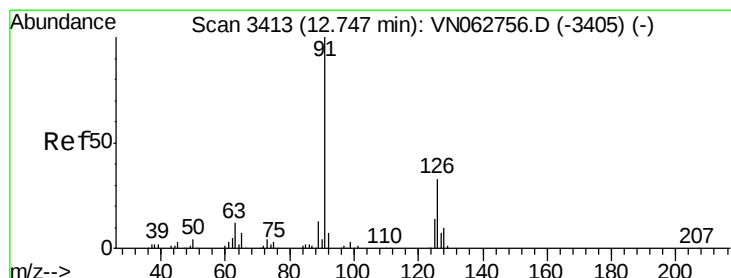
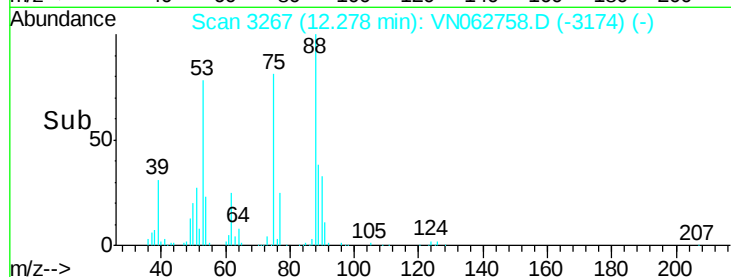
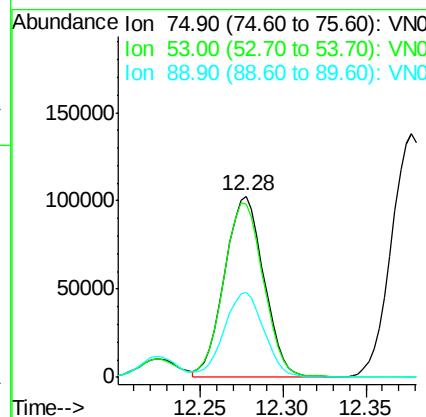
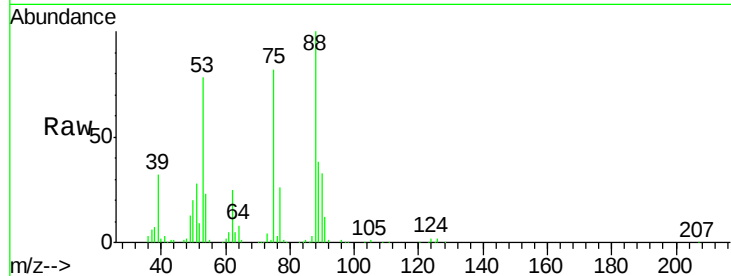
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	168163
Ion Ratio	Lower	Upper	
75	100		
53	98.5	79.1	118.7
89	47.8	36.2	54.2

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#82

4-Chlorotoluene

Concen: 137.491 ug/l

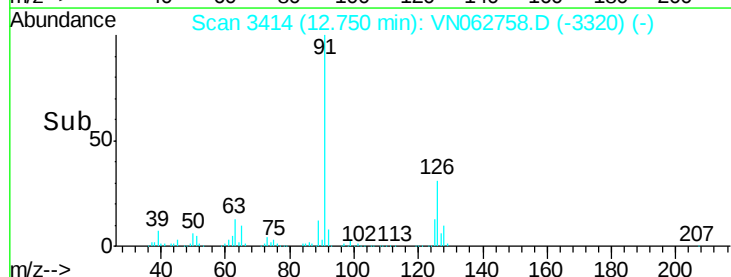
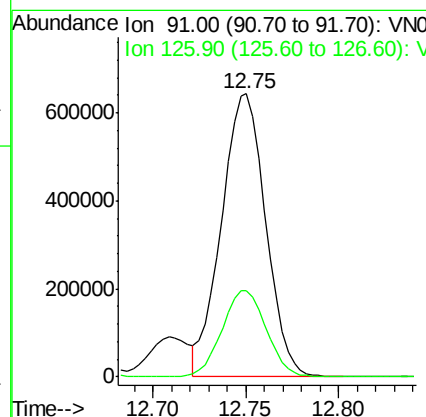
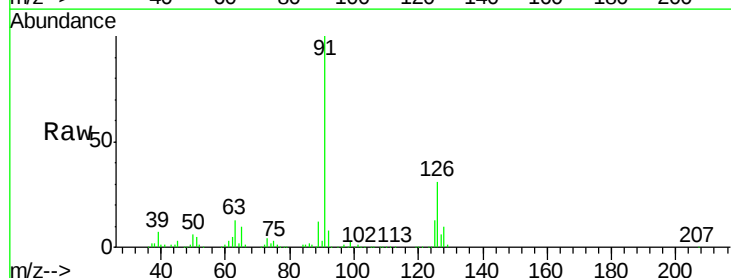
RT: 12.75 min Scan# 3414

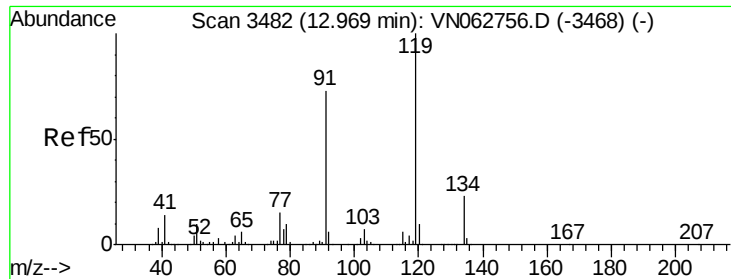
Delta R.T. 0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion:	91	Resp:	1060991
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.3	45.9





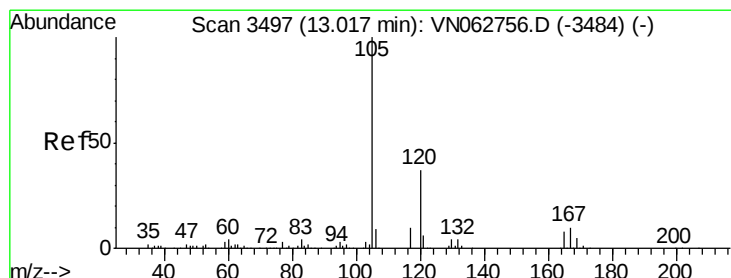
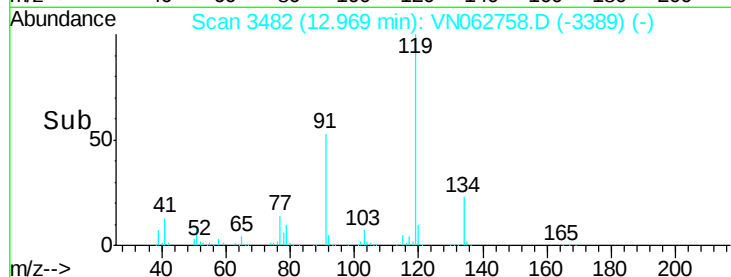
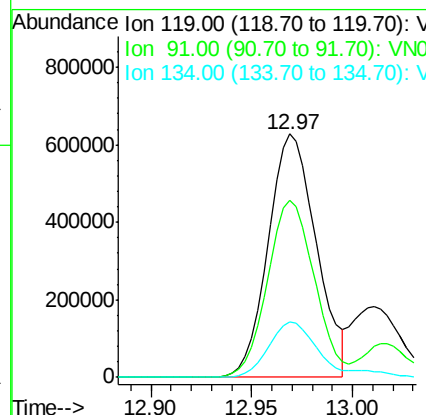
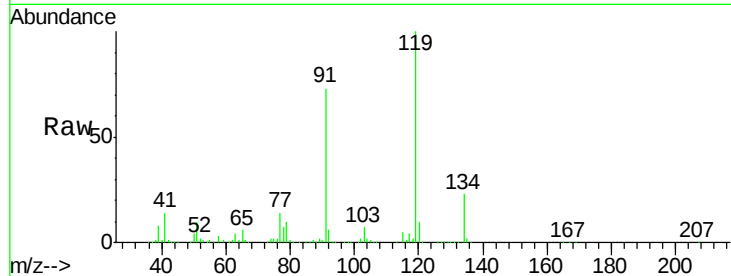
#83
tert-Butylbenzene
Concen: 146.328 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	36.5	109.5
134	22.8	11.3	33.8

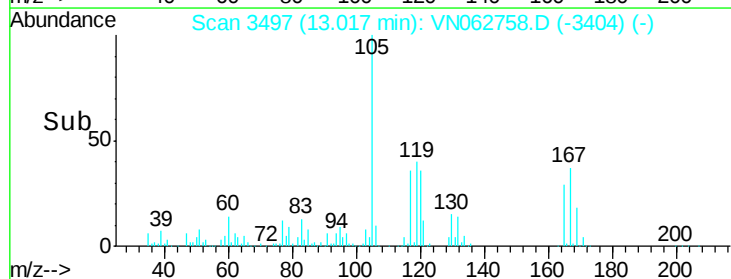
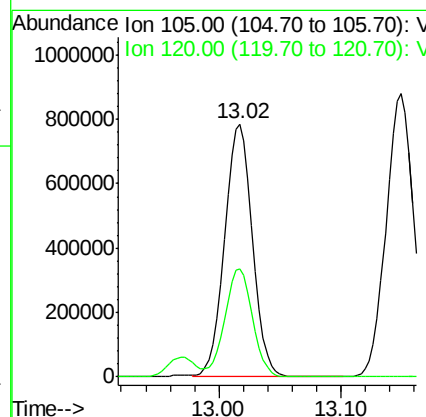
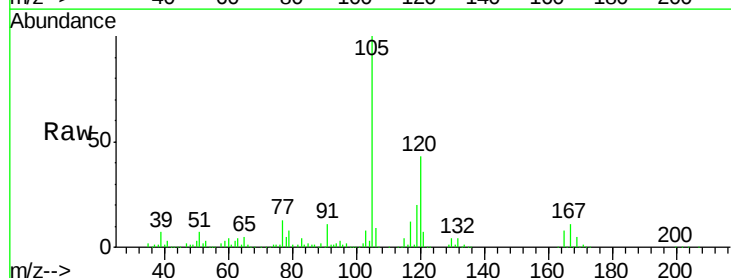
Manual Integrations
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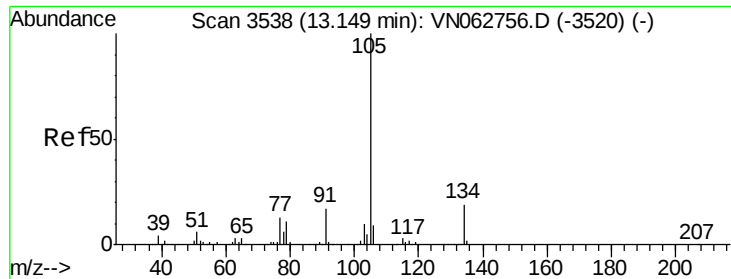
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#84
1,2,4-Trimethylbenzene
Concen: 149.588 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.4	64.2





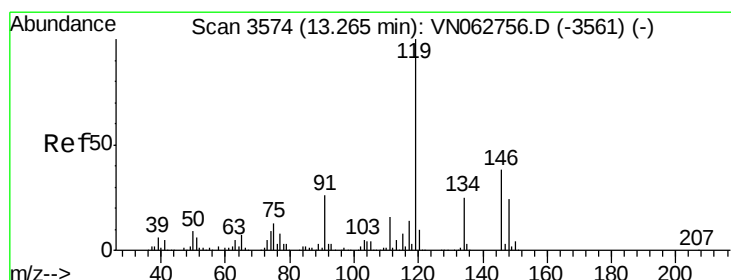
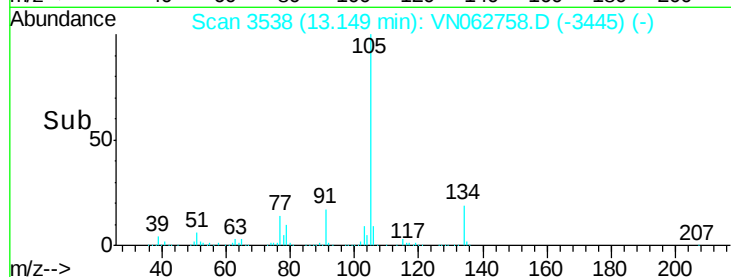
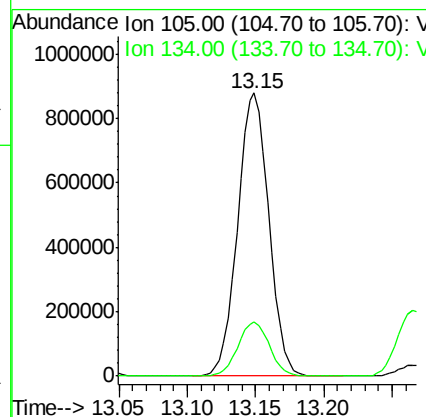
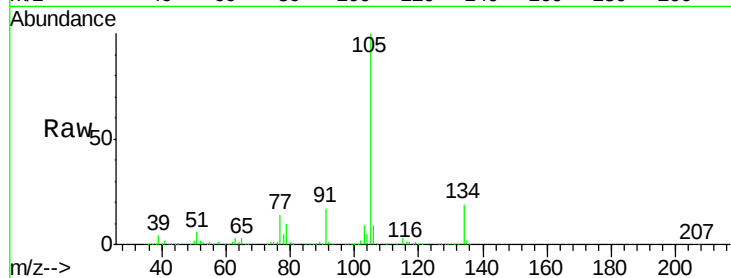
#85
 sec-Butylbenzene
 Concen: 146.064 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1389575
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

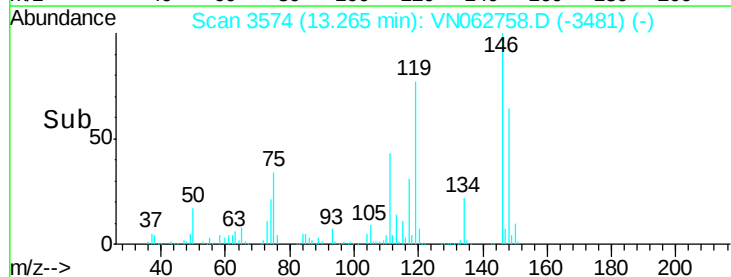
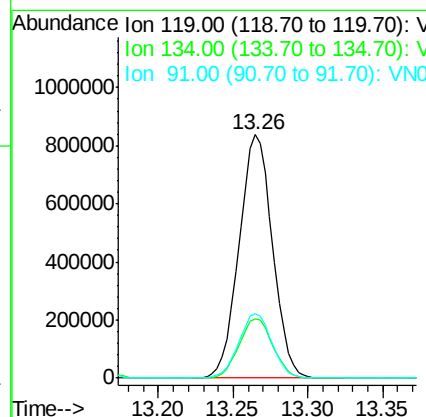
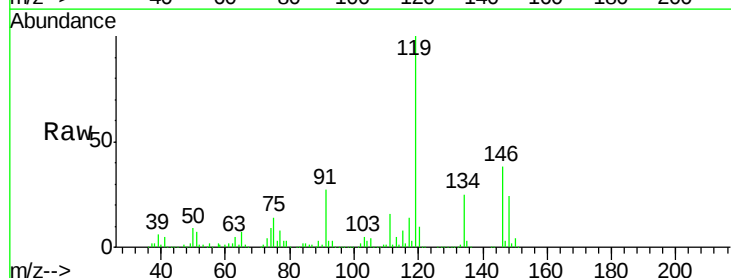
Manual Integrations
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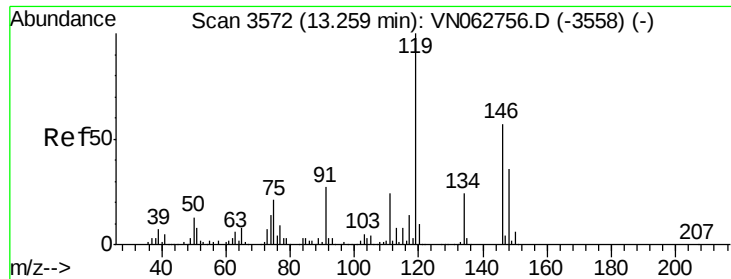
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#86
 p-Isopropyltoluene
 Concen: 157.496 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion:119 Resp: 1296220
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.3 13.4 40.2





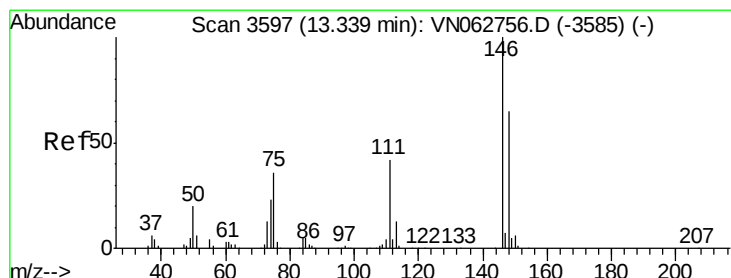
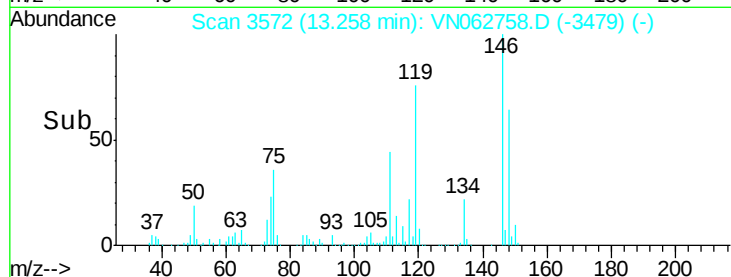
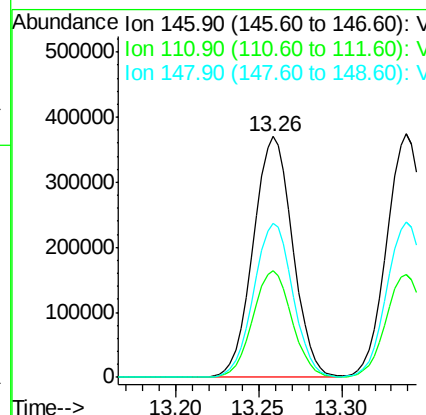
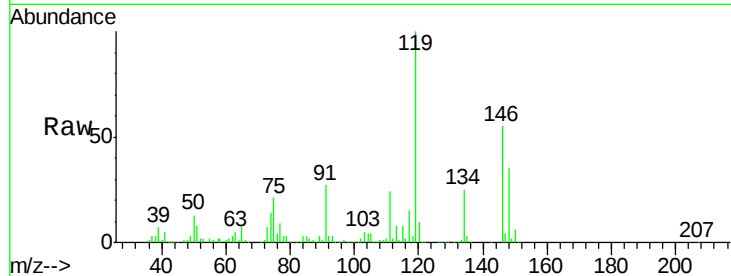
#87
 1,3-Dichlorobenzene
 Concen: 140.489 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	63.7	31.4	94.2

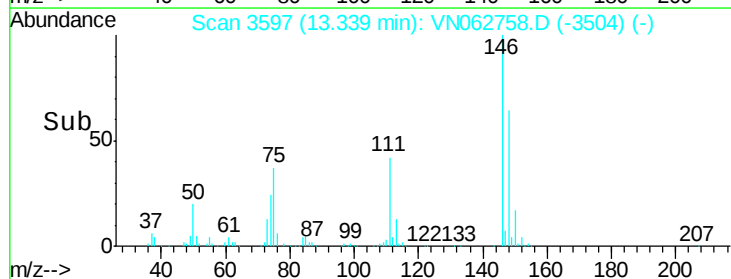
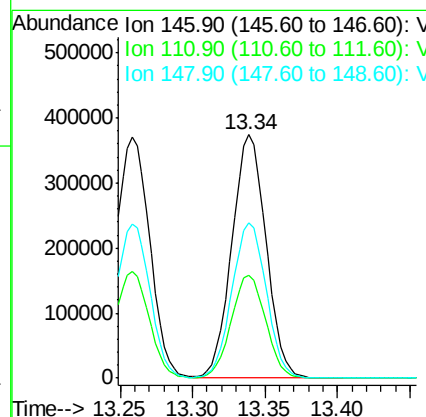
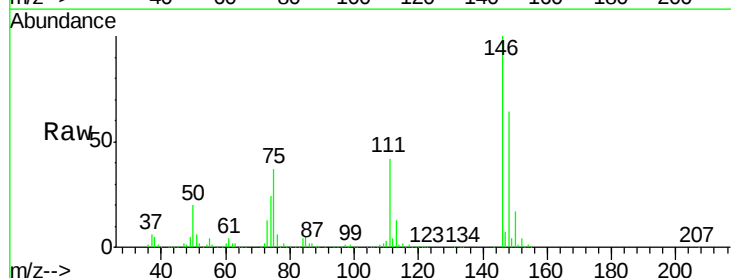
Manual Integrations
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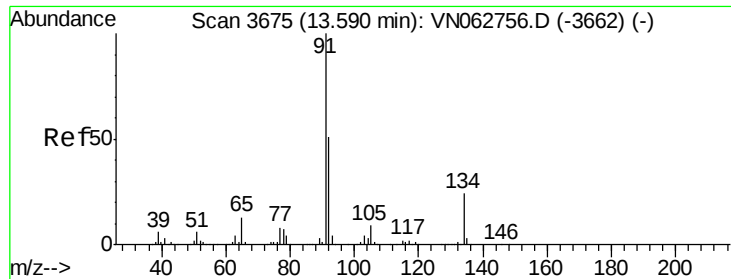
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#88
 1,4-Dichlorobenzene
 Concen: 142.419 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	64.6
148	64.2	32.6	97.8





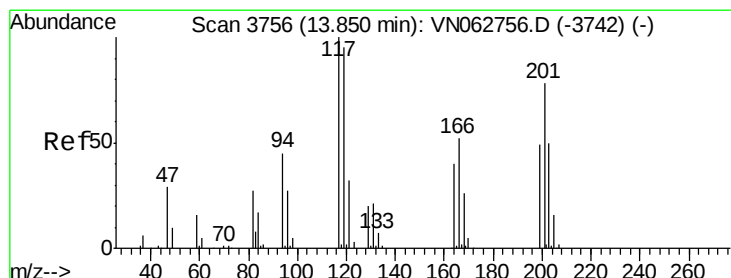
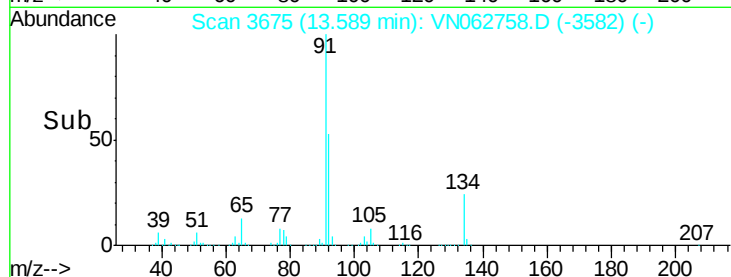
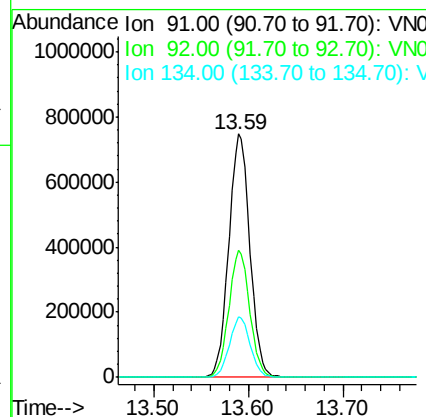
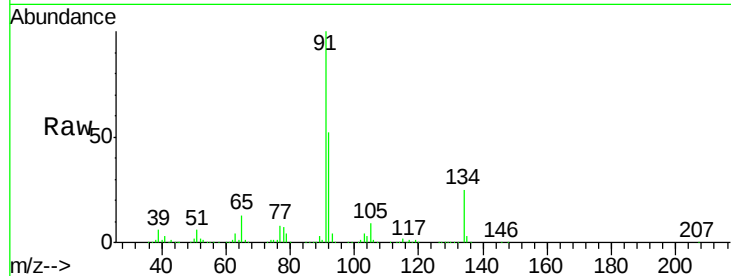
#89
n-Butylbenzene
Concen: 164.083 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1155783
Ion Ratio Lower Upper
91 100
92 51.6 25.7 77.0
134 24.5 12.2 36.6

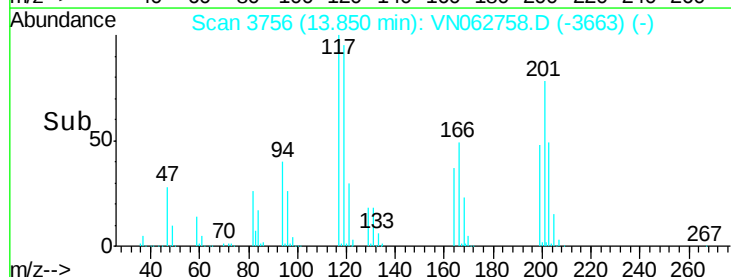
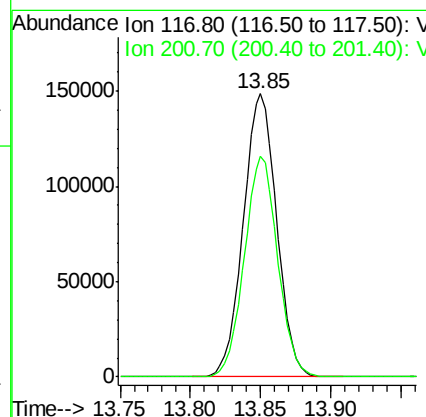
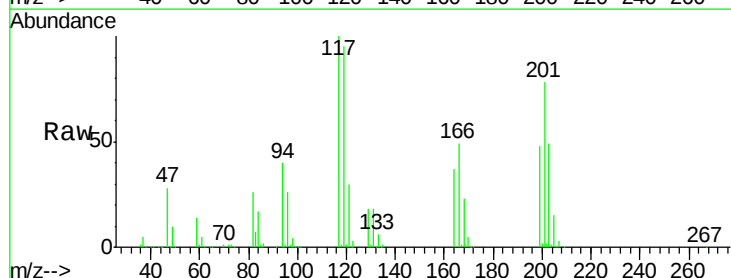
Manual Integrations
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#90
Hexachloroethane
Concen: 140.686 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 117 Resp: 246612
Ion Ratio Lower Upper
117 100
201 77.7 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 140.630 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

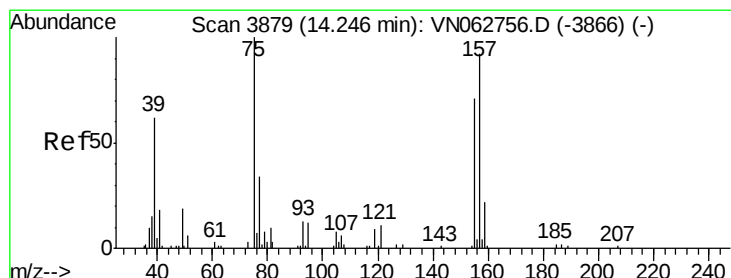
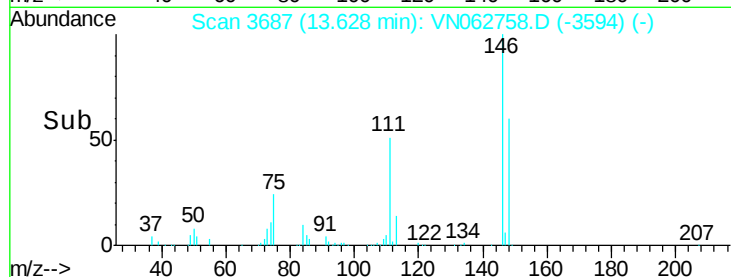
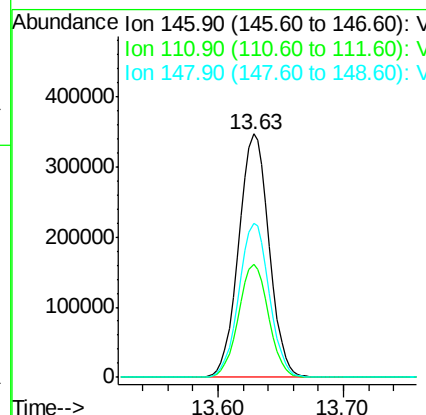
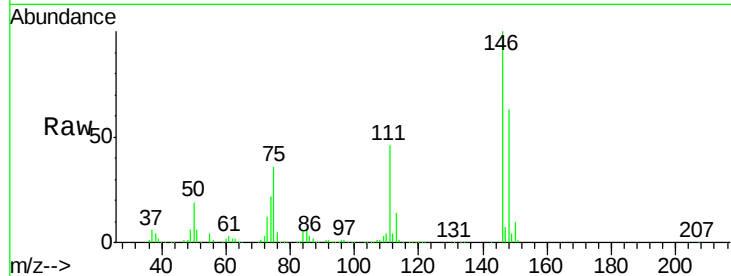
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	583796
Ion Ratio		Lower	Upper
146	100		
111	45.9	22.8	68.4
148	63.4	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 163.510 ug/l

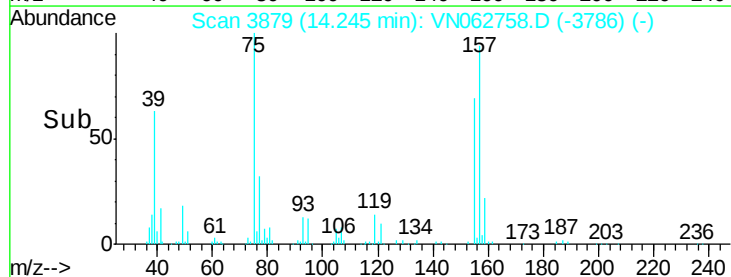
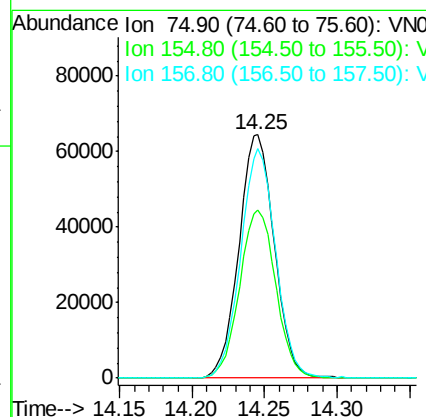
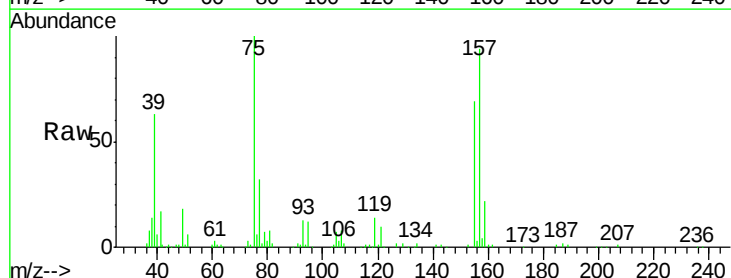
RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion:	75	Resp:	109428
Ion Ratio		Lower	Upper
75	100		
155	70.7	35.0	105.1
157	93.0	43.2	129.6





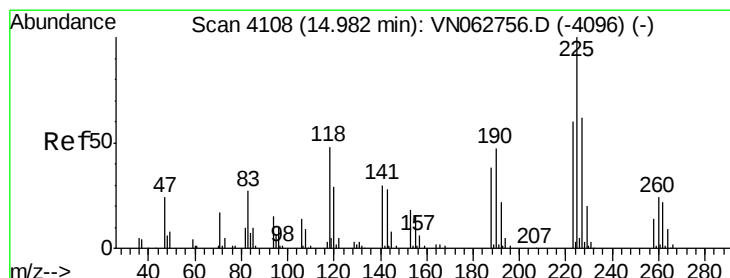
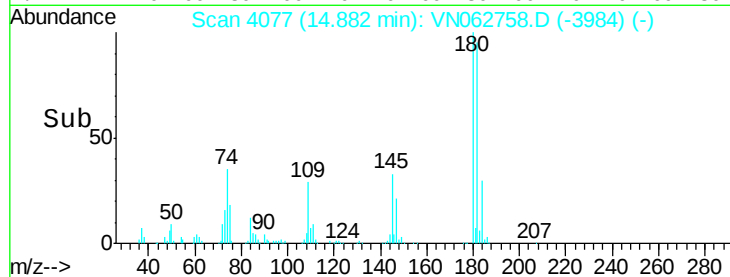
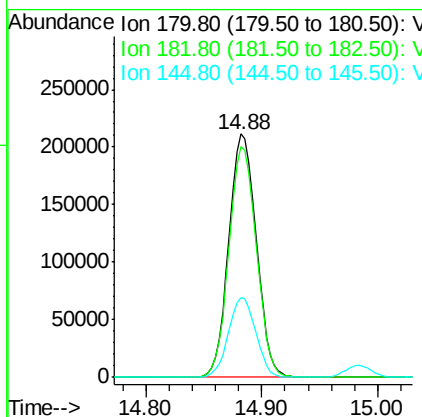
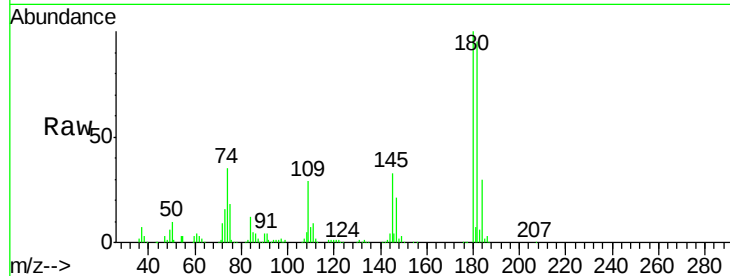
#93
 1,2,4-Trichlorobenzene
 Concen: 180.820 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	347982		
182	94.5	49.1	147.4	
145	32.5	16.3	48.8	

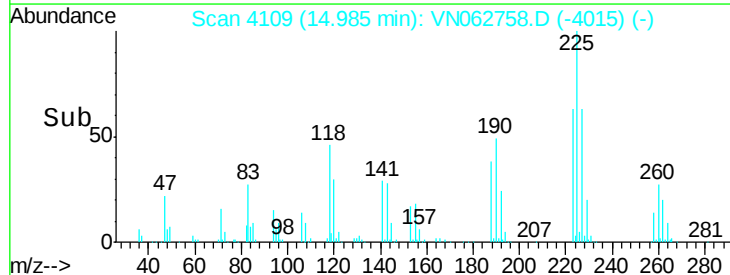
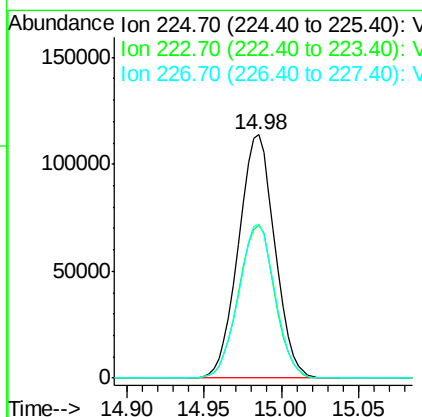
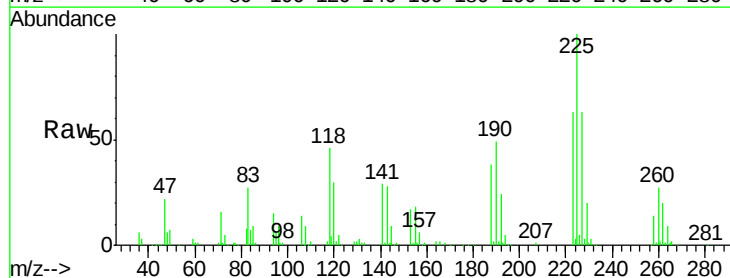
Manual Integrations
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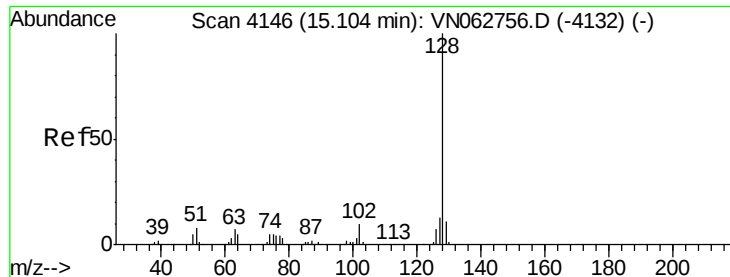
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 146.530 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185766		
223	62.9	30.6	92.0	
227	63.4	31.6	95.0	





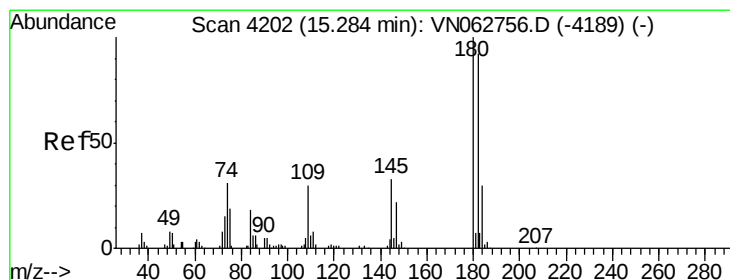
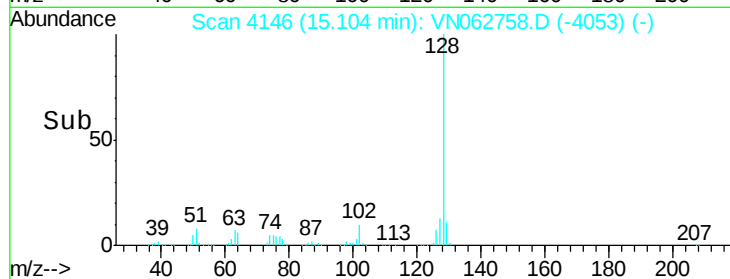
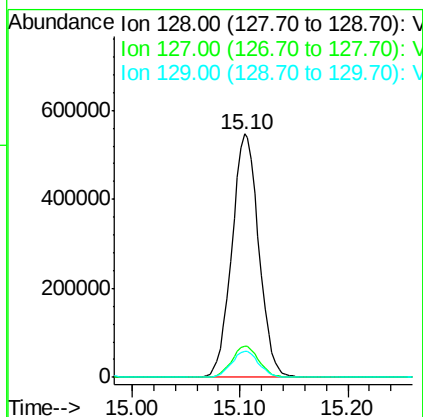
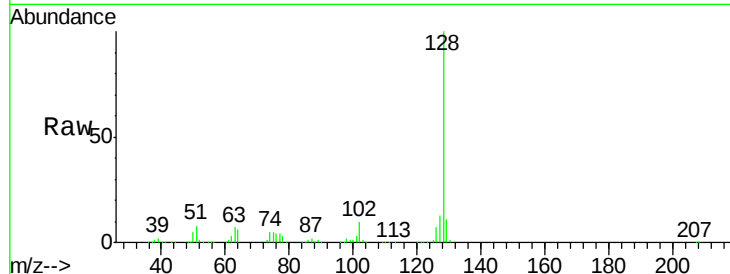
#95
Naphthalene
Concen: 179.192 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 172.042 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	34.7	17.3	51.7

