

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062753.D
 Acq On : 5 Aug 2020 11:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda

8/6/2020 1:51:40 PM

Quant Time: Aug 05 12:49:12 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	7.62	168	182090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	2423	1.058	ug/l	96
3) Chloromethane	2.03	50	2666	0.924	ug/l #	84
4) Vinyl Chloride	2.16	62	2280	0.901	ug/l	92
6) Chloroethane	2.66	64	1623	1.337	ug/l #	85
7) Trichlorofluoromethane	2.97	101	4508	1.423	ug/l	95
8) Diethyl Ether	3.37	74	1214	0.891	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2206	1.166	ug/l	99
12) 1,1-Dichloroethene	3.68	96	2192	1.156	ug/l #	77
14) Allyl chloride	4.27	41	3650	0.910	ug/l #	88
15) Acrylonitrile	4.94	53	5174	4.328	ug/l	93
16) Acetone	3.78	43	6475	6.077	ug/l	93
17) Carbon Disulfide	4.00	76	6963	1.136	ug/l	99
18) Methyl Acetate	4.28	43	4035	1.495	ug/l #	68
19) Methyl tert-butyl Ether	4.99	73	7003m	0.976	ug/l	
20) Methylene Chloride	4.49	84	2928	1.178	ug/l #	84
21) trans-1,2-Dichloroethene	4.98	96	1904	0.907	ug/l #	73
22) Diisopropyl ether	5.90	45	6572	0.808	ug/l #	75
23) Vinyl Acetate	5.84	43	27359	4.205	ug/l	96
24) 1,1-Dichloroethane	5.80	63	4410m	1.001	ug/l	
25) 2-Butanone	6.80	43	7438	4.623	ug/l	100
26) 2,2-Dichloropropane	6.77	77	4587	1.244	ug/l #	60
27) cis-1,2-Dichloroethene	6.78	96	2518	1.045	ug/l	88
28) Bromochloromethane	7.15	49	1907	0.887	ug/l #	97
29) Tetrahydrofuran	7.17	42	4788	4.418	ug/l #	82
30) Chloroform	7.32	83	4765	1.117	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	3990	1.104	ug/l #	52
36) 1,1-Dichloropropene	7.76	75	3198	1.017	ug/l	93
37) Ethyl Acetate	6.90	43	3092	0.919	ug/l #	75
38) Carbon Tetrachloride	7.74	117	3998m	1.291	ug/l	
39) Methylcyclohexane	9.05	83	3618	1.051	ug/l #	79
40) Benzene	8.00	78	9807	1.037	ug/l	94
41) Methacrylonitrile	7.12	41	1378	0.923	ug/l #	48
42) 1,2-Dichloroethane	8.09	62	3947	1.112	ug/l #	78
43) Isopropyl Acetate	8.13	43	5205	0.959	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2366	1.098	ug/l	95
45) 1,2-Dichloropropane	9.08	63	2452	0.924	ug/l #	82
46) Dibromomethane	9.17	93	1533	0.983	ug/l	92
47) Bromodichloromethane	9.37	83	3453	1.010	ug/l #	93
48) Methyl methacrylate	9.17	41	2409	0.925	ug/l	94
49) 1,4-Dioxane	9.17	88	806	19.342	ug/l #	72
51) 4-Methyl-2-Pentanone	9.95	43	14424	4.363	ug/l	91
52) Toluene	10.13	92	5405	0.974	ug/l	96
53) t-1,3-Dichloropropene	10.36	75	3704	0.980	ug/l	94
54) cis-1,3-Dichloropropene	9.80	75	3682	0.921	ug/l	91
55) 1,1,2-Trichloroethane	10.54	97	2730	1.255	ug/l #	83
56) Ethyl methacrylate	10.40	69	2777	0.800	ug/l	95
57) 1,3-Dichloropropane	10.68	76	3931	0.991	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	4004	4.092	ug/l	99
59) 2-Hexanone	10.73	43	10373	4.389	ug/l	90
60) Dibromochloromethane	10.88	129	2509	1.024	ug/l #	53
61) 1,2-Dibromoethane	10.98	107	2231	0.988	ug/l	91
64) Tetrachloroethene	10.60	164	1992	1.103	ug/l	94
65) Chlorobenzene	11.41	112	6273	1.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2318	1.043	ug/l #	63
67) Ethyl Benzene	11.48	91	10087	0.946	ug/l #	87
68) m/p-Xylenes	11.60	106	7180	1.869	ug/l	96
69) o-Xylene	11.92	106	2899	0.793	ug/l	73
70) Styrene	11.94	104	5105	0.824	ug/l	95
71) Bromoform	12.10	173	2025	1.199	ug/l #	77
73) Isopropylbenzene	12.23	105	8344	0.956	ug/l	98
74) N-amyl acetate	12.05	43	2870	0.753	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.48	83	3578	1.184	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	3441m	1.214	ug/l	
77) Bromobenzene	12.50	156	2369	1.128	ug/l	97
78) n-propylbenzene	12.57	91	9753	0.956	ug/l	94
79) 2-Chlorotoluene	12.65	91	6528	1.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6811	0.937	ug/l	94
82) 4-Chlorotoluene	12.75	91	6554	0.998	ug/l	98
83) tert-Butylbenzene	12.97	119	5930	0.980	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	5788	0.811	ug/l	94
85) sec-Butylbenzene	13.15	105	7595	0.938	ug/l	98
86) p-Isopropyltoluene	13.26	119	6364	0.909	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	4106	1.105	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	4344m	1.192	ug/l	
89) n-Butylbenzene	13.59	91	5512	0.920	ug/l	93
90) Hexachloroethane	13.85	117	1743	1.169	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	3609	1.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	585	1.027	ug/l	85
93) 1,2,4-Trichlorobenzene	14.89	180	1435	0.876	ug/l	79
94) Hexachlorobutadiene	14.98	225	1536	1.424	ug/l #	75
95) Naphthalene	15.11	128	3583	0.793	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.29	180	1175	0.704	ug/l	79

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ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

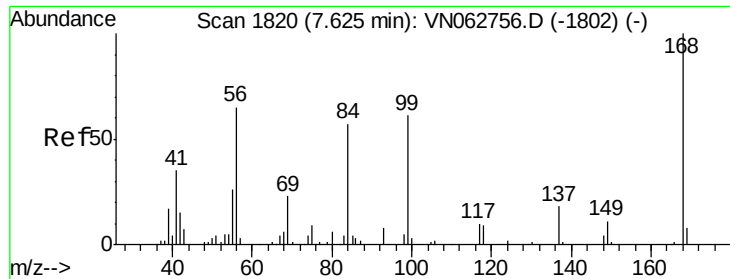
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 182090

Ion Ratio Lower Upper

168 100

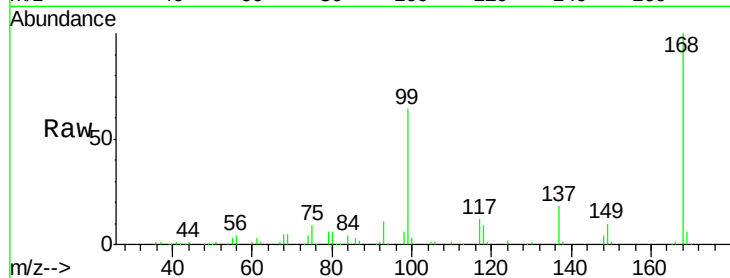
99 64.1 52.9 79.3

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

7.62

80000

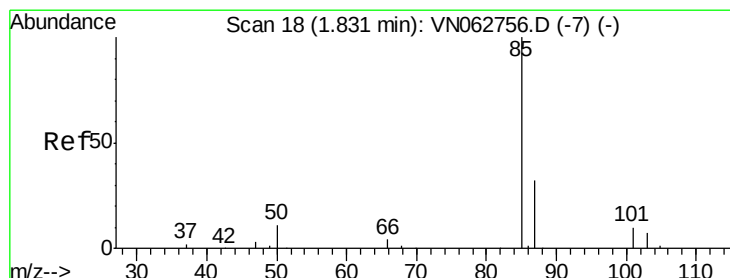
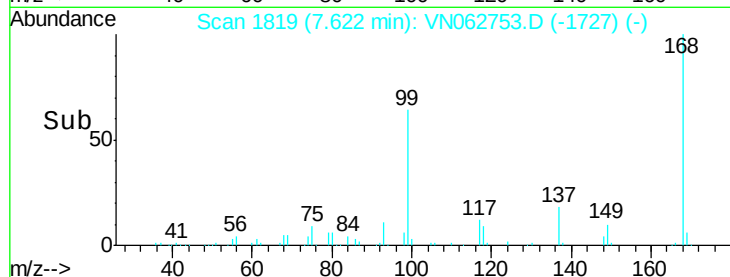
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.058 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062753.D

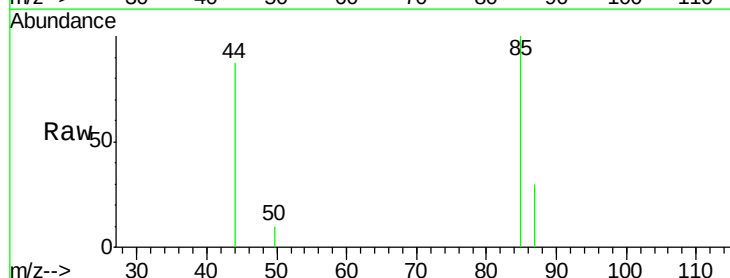
Acq: 5 Aug 2020 11:02

Tgt Ion: 85 Resp: 2423

Ion Ratio Lower Upper

85 100

87 30.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2000

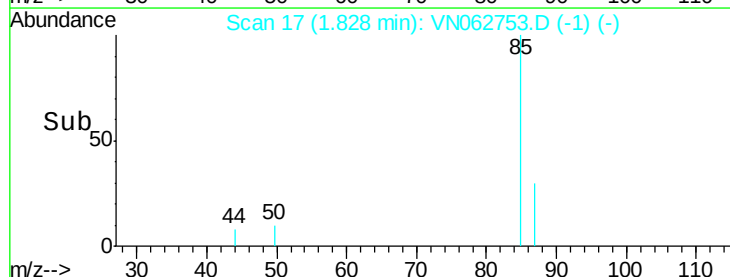
1500

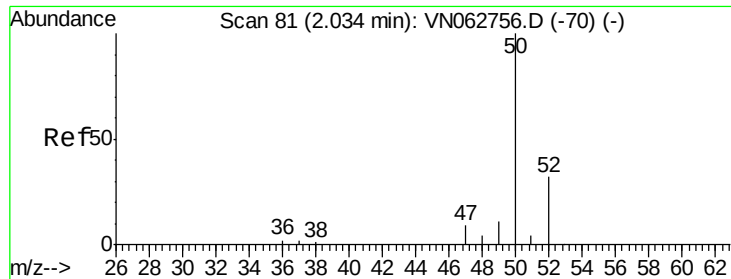
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.924 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2666

Ion Ratio Lower Upper

50 100

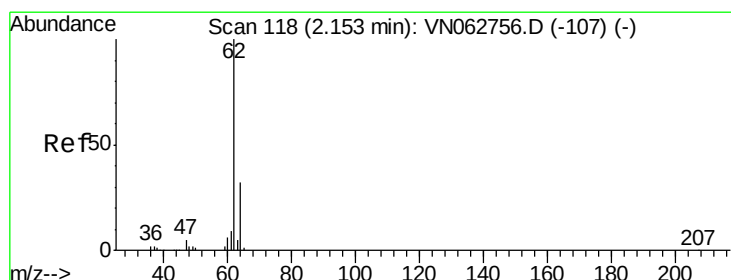
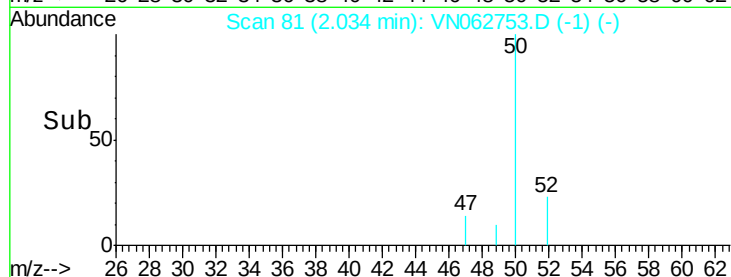
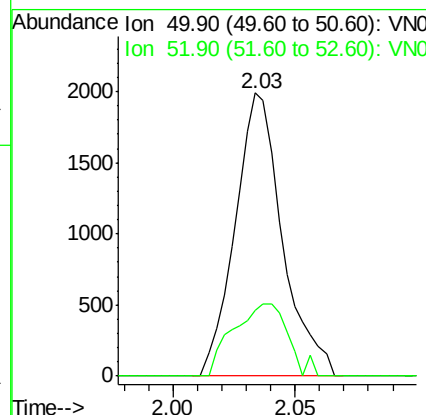
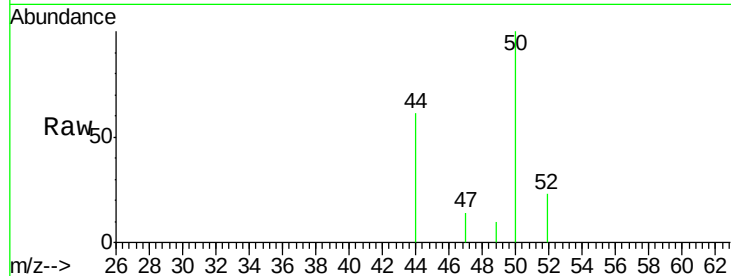
52 23.3 25.6 38.4#

Manual Integrations

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8/6/2020 1:51:40 PM



#4

Vinyl Chloride

Concen: 0.901 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062753.D

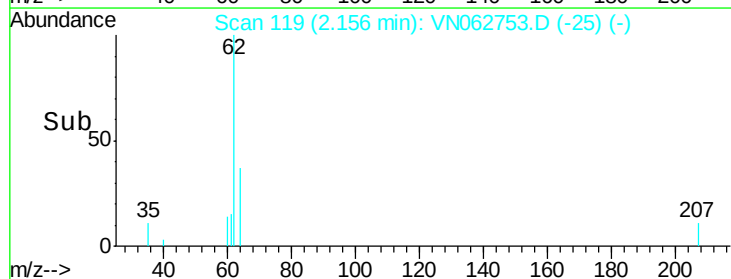
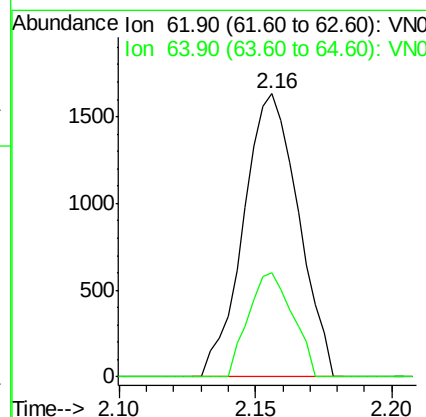
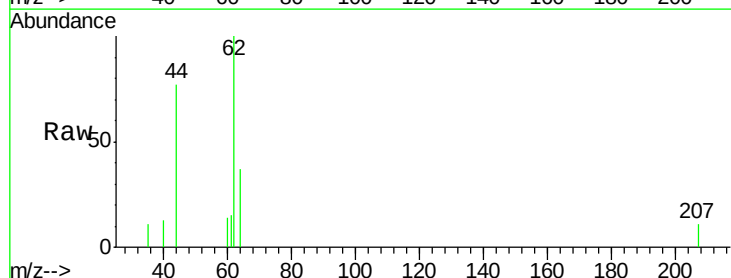
Acq: 5 Aug 2020 11:02

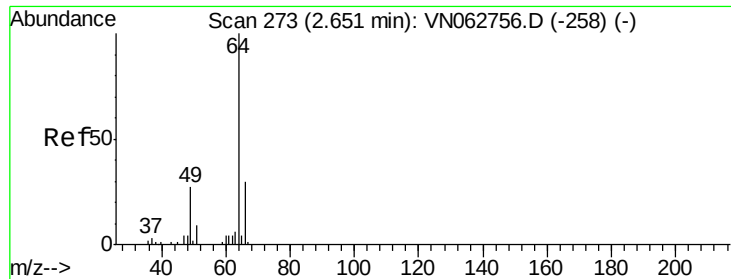
Tgt Ion: 62 Resp: 2280

Ion Ratio Lower Upper

62 100

64 36.6 25.8 38.8





#6

Chloroethane

Concen: 1.337 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1623

Ion Ratio Lower Upper

64 100

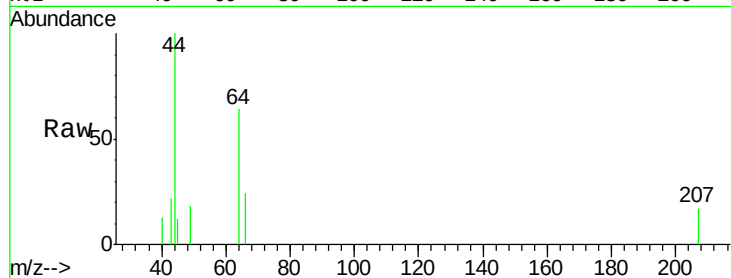
66 38.1 24.0 36.0#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN062756.D (-258) (-)

Ion 65.90 (65.60 to 66.60): VN062756.D (-258) (-)

2.66

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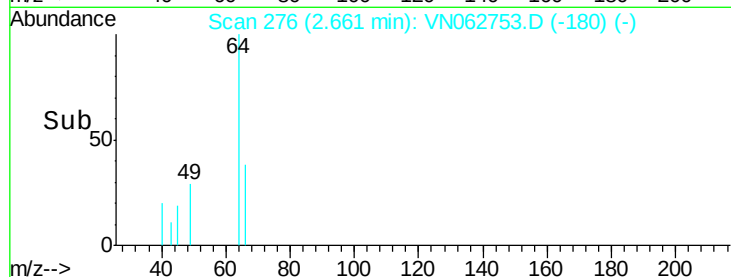
2.66

2.66

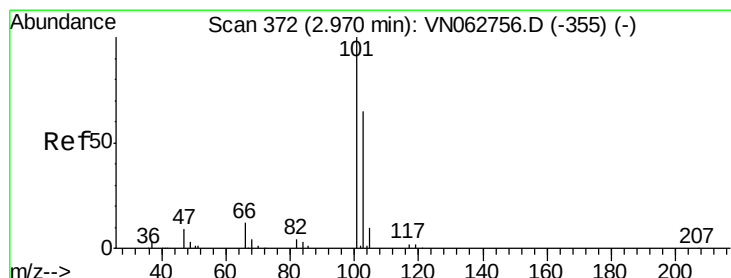
2.66

2.66

2.66



Time-->



#7

Trichlorofluoromethane

Concen: 1.423 ug/l

RT: 2.97 min Scan# 373

Delta R.T. 0.00 min

Lab File: VN062753.D

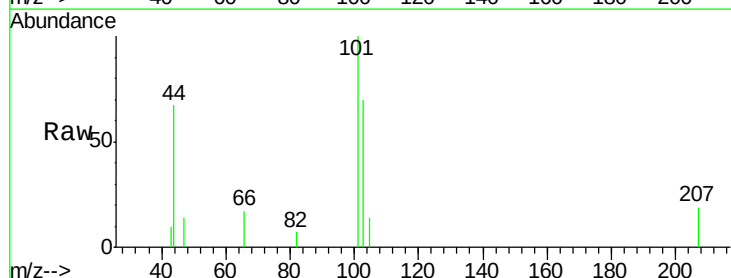
Acq: 5 Aug 2020 11:02

Tgt Ion:101 Resp: 4508

Ion Ratio Lower Upper

101 100

103 69.6 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): VN062756.D (-355) (-)

Ion 102.80 (102.50 to 103.50): VN062756.D (-355) (-)

2.97

2.97

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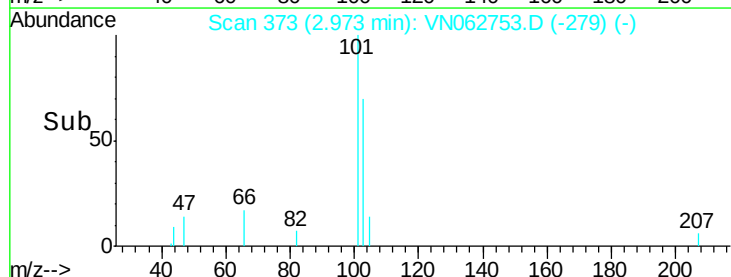
2.97

2.97

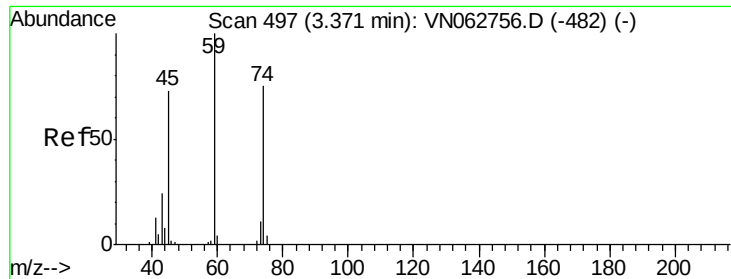
2.97

2.97

2.97



Time-->



#8

Diethyl Ether

Concen: 0.891 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

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ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1214

Ion Ratio Lower Upper

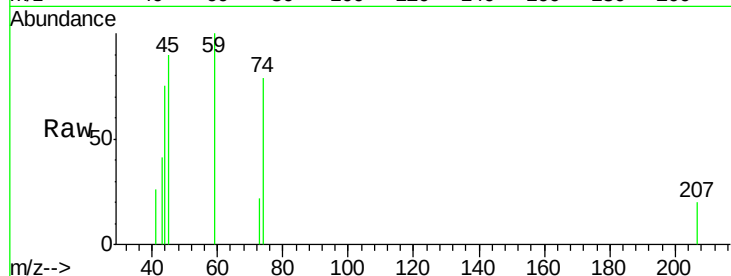
74 100

45 111.4 48.7 146.1

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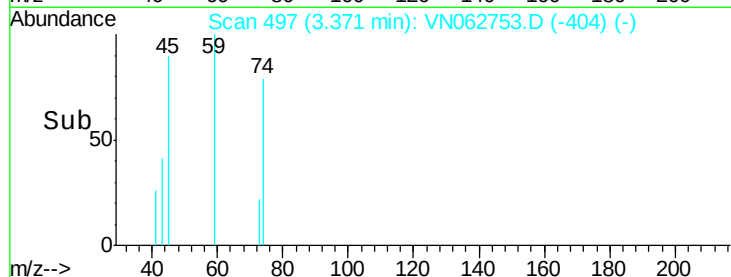


Abundance Ion 74.00 (73.70 to 74.70): VN062756.D (-482) (-)

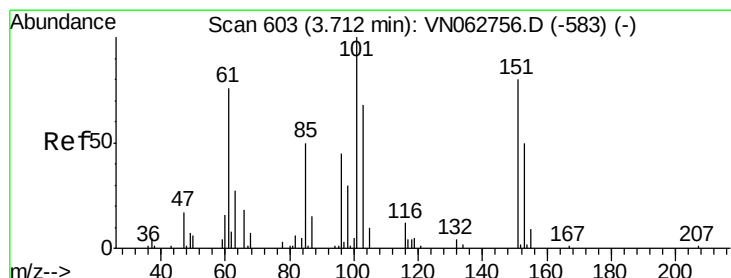
Ion 45.00 (44.70 to 45.70): VN062756.D (-482) (-)

3.37

3.35 3.40



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.166 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

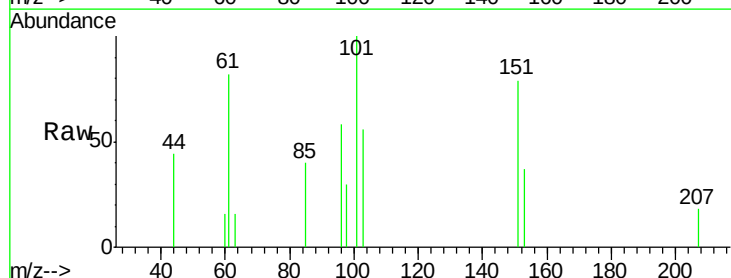
Tgt Ion: 101 Resp: 2206

Ion Ratio Lower Upper

101 100

85 47.6 38.5 57.7

151 80.1 63.0 94.6



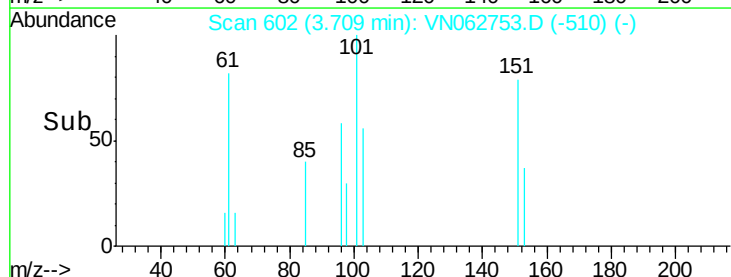
Abundance Ion 100.90 (100.60 to 101.60): VN062756.D (-583) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-583) (-)

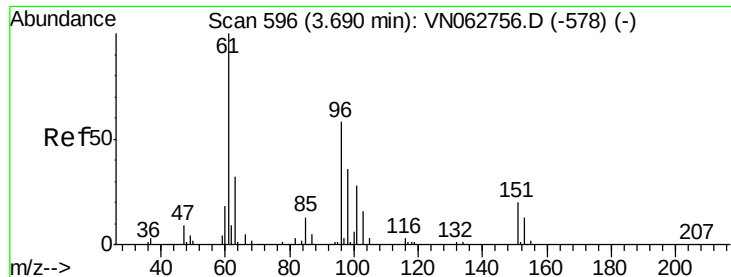
Ion 150.80 (150.50 to 151.50): VN062756.D (-583) (-)

3.71

3.65 3.75



Time-->



#12

1,1-Dichloroethene

Concen: 1.156 ug/l

RT: 3.68 min Scan# 594

Delta R.T. -0.01 min

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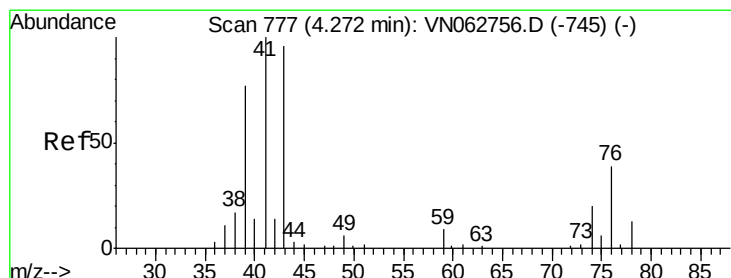
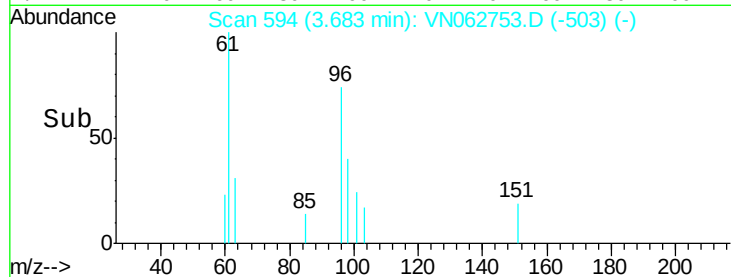
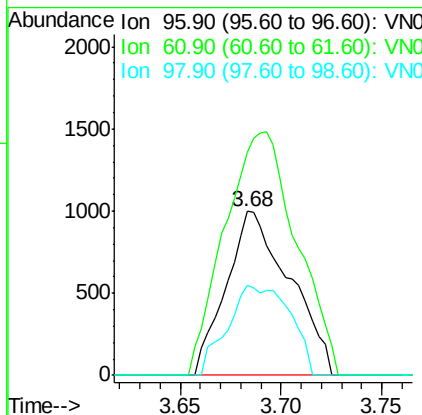
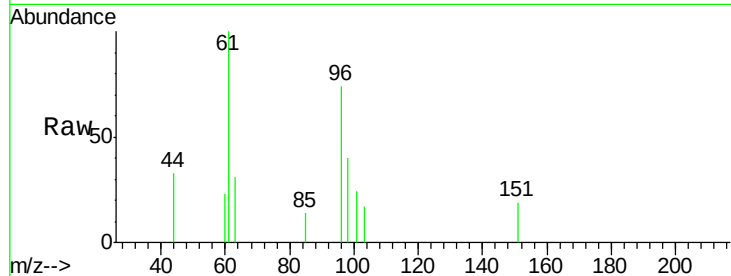
VSTDIC001

Tot Ion:	96	Resp:	2192
Ion	Ratio	Lower	Upper
96	100		
61	135.9	139.0	208.6#
98	54.7	50.2	75.4

Manual Integrations
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#14

Allyl chloride

Concen: 0.910 ug/l

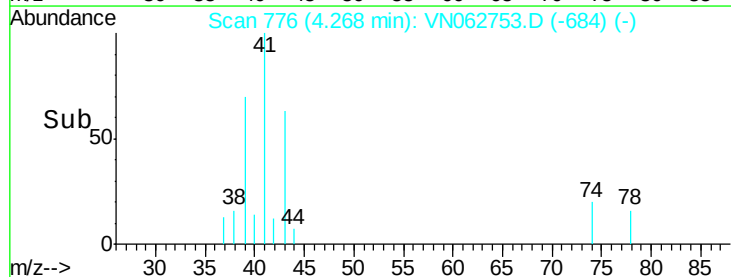
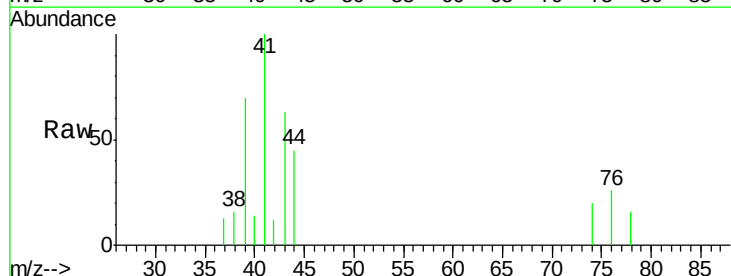
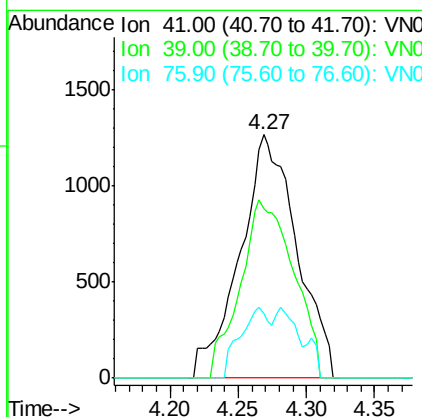
RT: 4.27 min Scan# 776

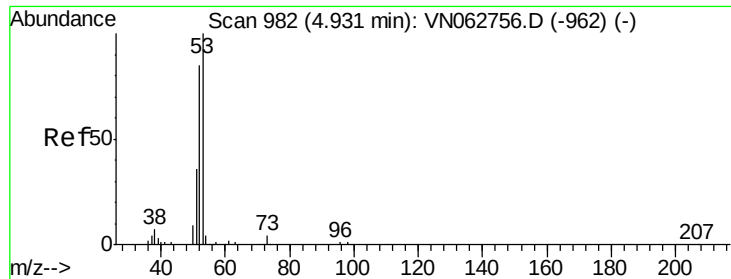
Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	41	Resp:	3650
Ion	Ratio	Lower	Upper
41	100		
39	68.7	55.7	83.5
76	15.5	27.5	41.3#





#15

Acrylonitrile

Concen: 4.328 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

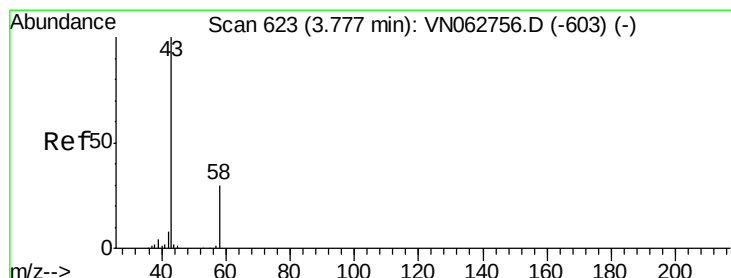
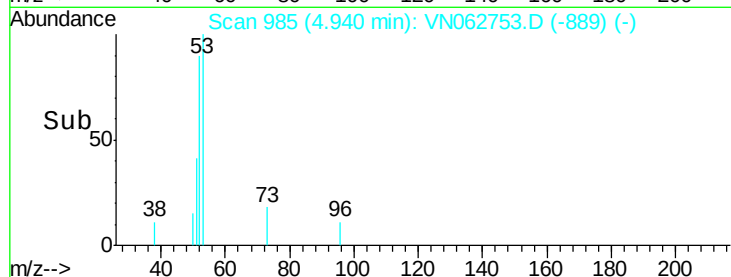
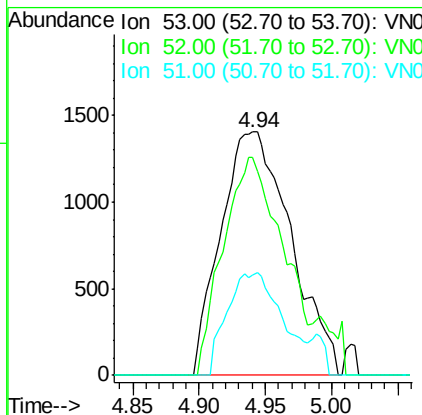
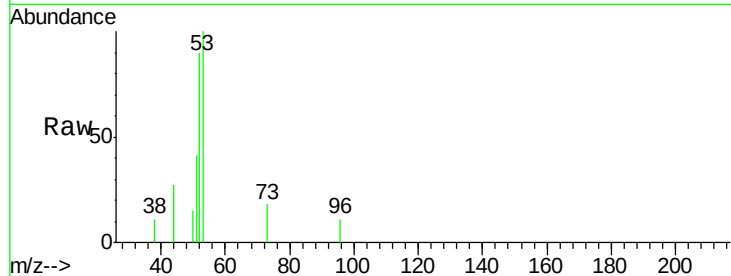
VSTDIC001

Tot Ion:	53	Resp:	5174
Ion	Ratio	Lower	Upper
53	100		
52	76.9	66.8	100.2
51	33.3	29.5	44.3

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#16

Acetone

Concen: 6.077 ug/l

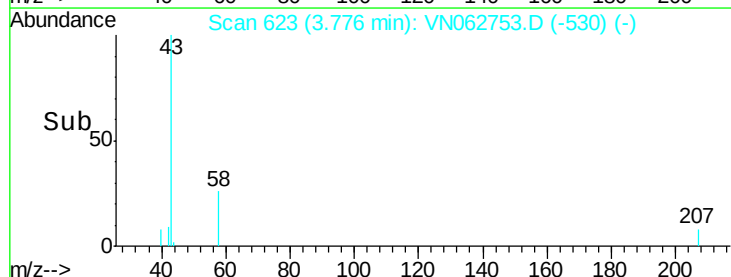
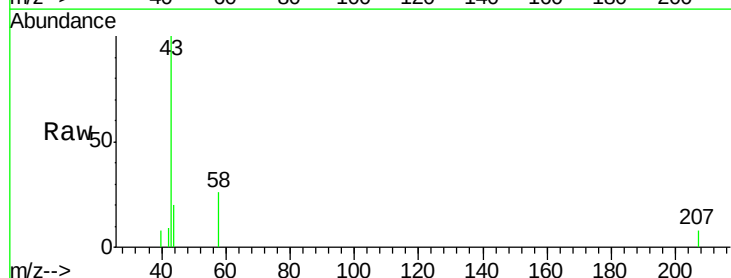
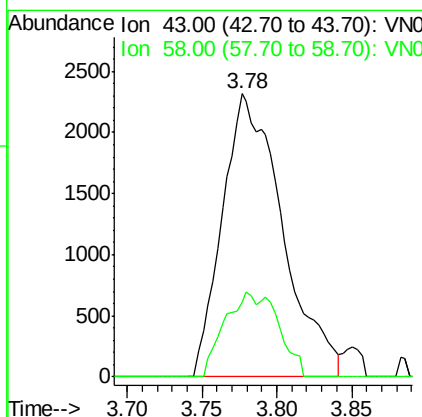
RT: 3.78 min Scan# 623

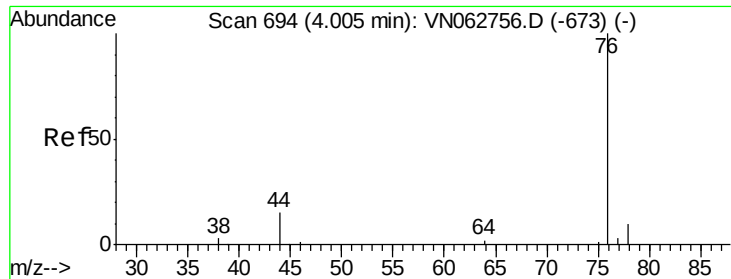
Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	43	Resp:	6475
Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.1	36.1





#17
Carbon Disulfide
Concen: 1.136 ug/l
RT: 4.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

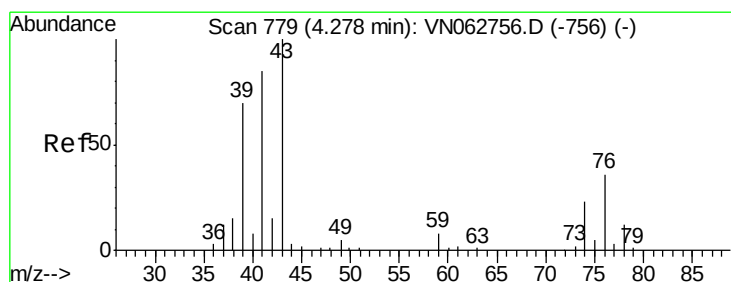
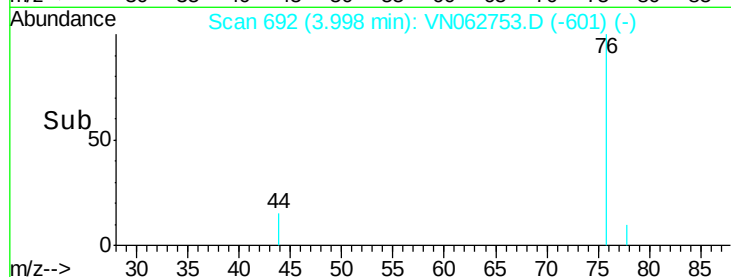
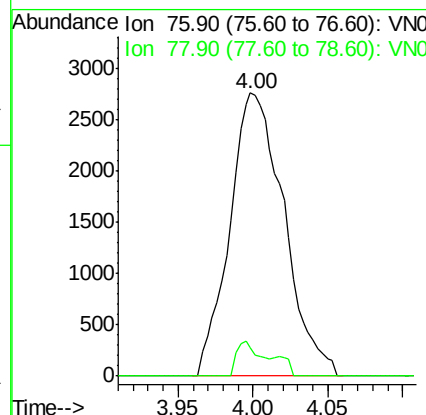
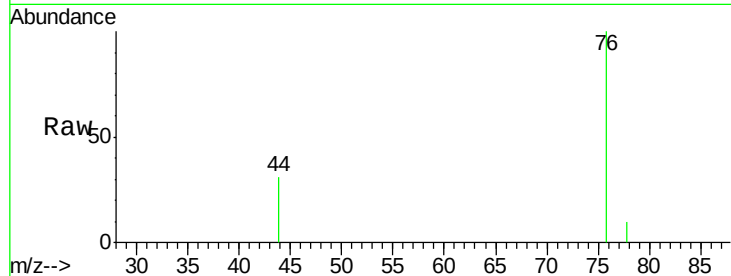
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 6963
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5

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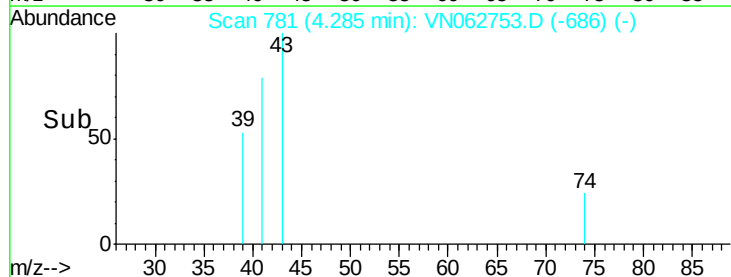
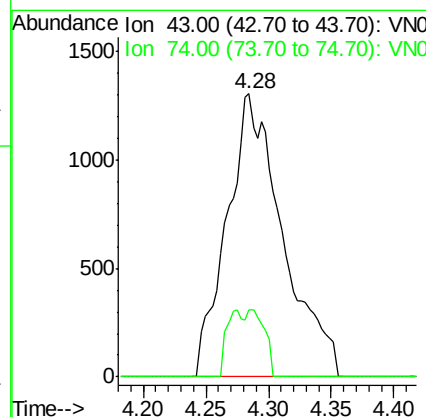
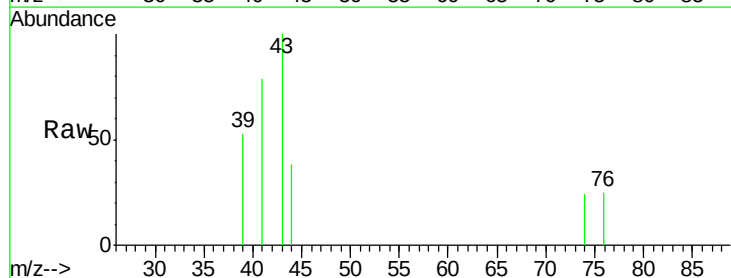
MMDadoda

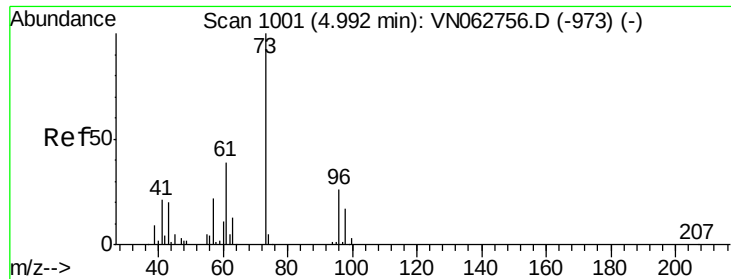
8/6/2020 1:51:40 PM



#18
Methyl Acetate
Concen: 1.495 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 43 Resp: 4035
Ion Ratio Lower Upper
43 100
74 7.7 18.6 28.0#





#19
Methyl tert-butyl Ether
Concen: 0.976 ug/l m
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

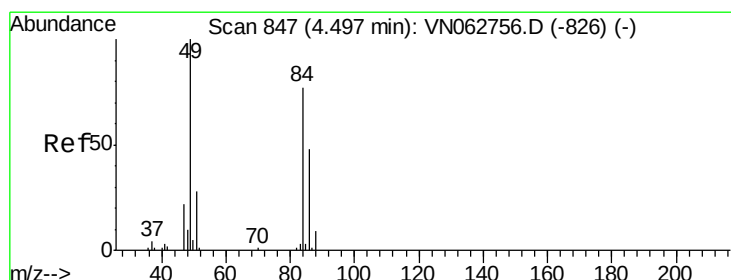
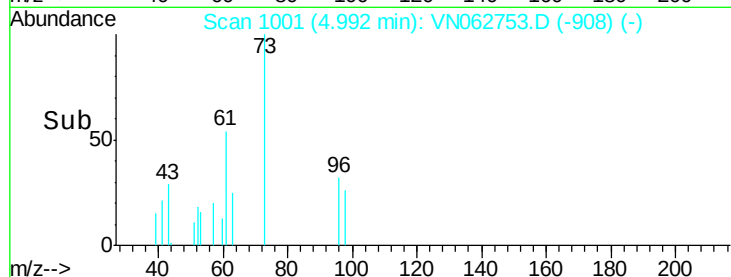
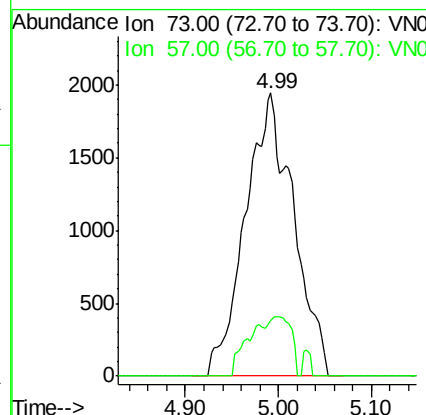
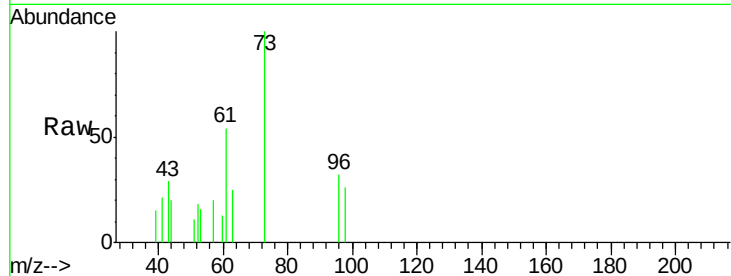
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 7003
Ion Ratio Lower Upper
73 100
57 19.5 17.5 26.3

Manual Integrations
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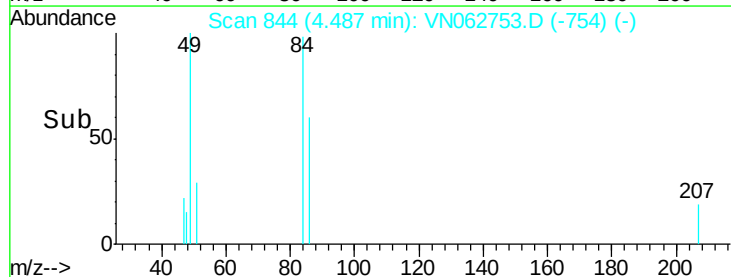
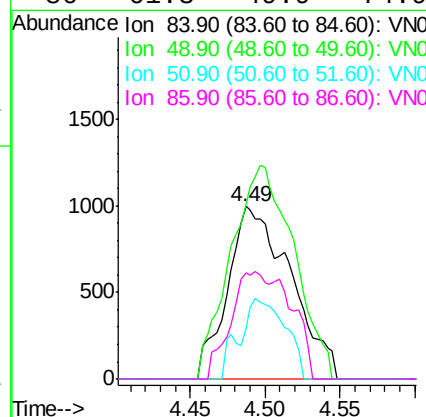
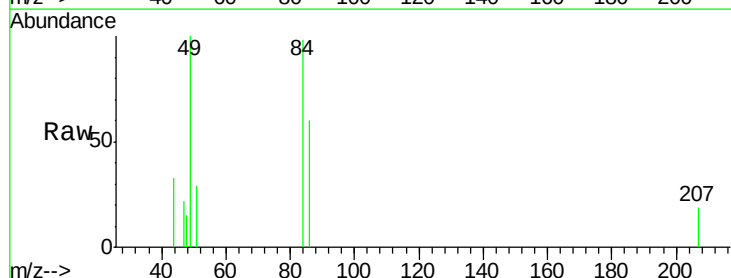
MMDadoda

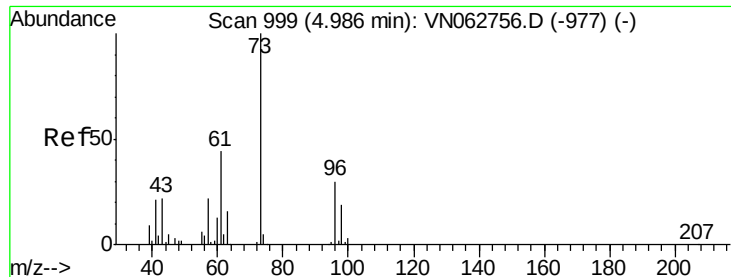
8/6/2020 1:51:40 PM



#20
Methylene Chloride
Concen: 1.178 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 84 Resp: 2928
Ion Ratio Lower Upper
84 100
49 101.8 103.4 155.2#
51 29.6 29.3 43.9
86 61.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 0.907 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

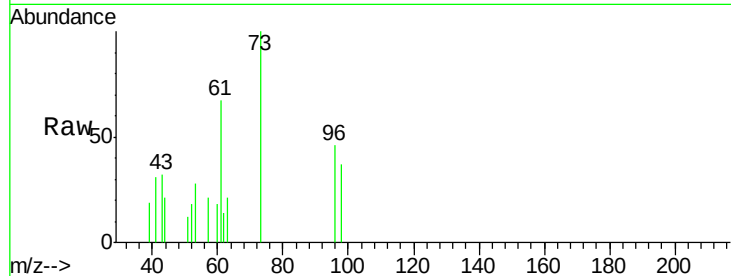
VSTDIC001

Tot Ion:	96	Resp:	1904
Ion	Ratio	Lower	Upper
96	100		
61	111.2	118.8	178.2#
98	80.8	51.0	76.4#

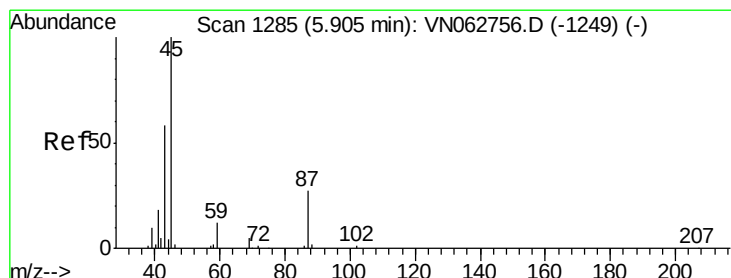
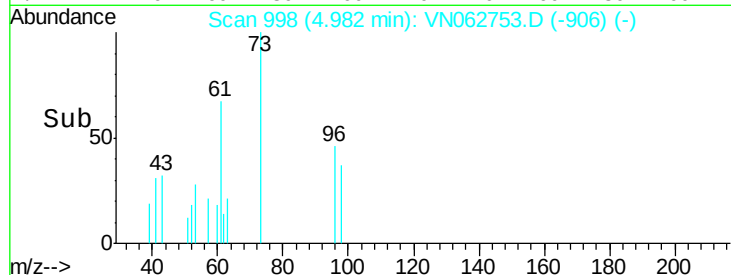
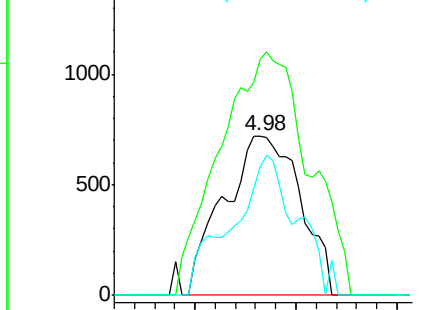
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Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 0.808 ug/l

RT: 5.90 min Scan# 1282

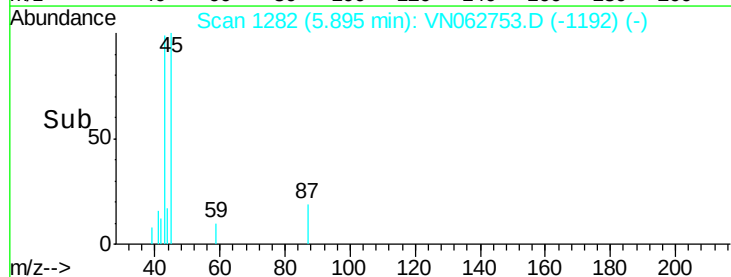
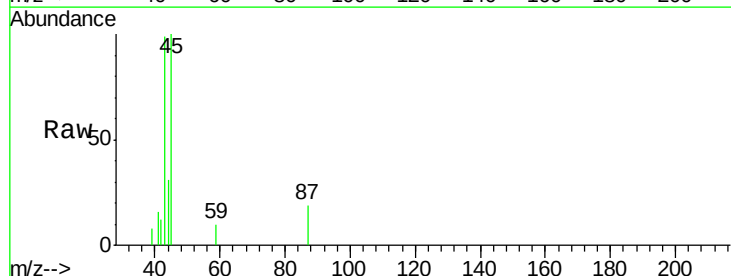
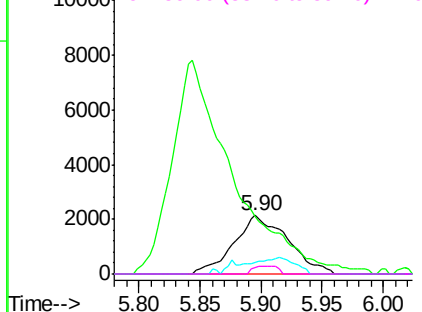
Delta R.T. -0.01 min

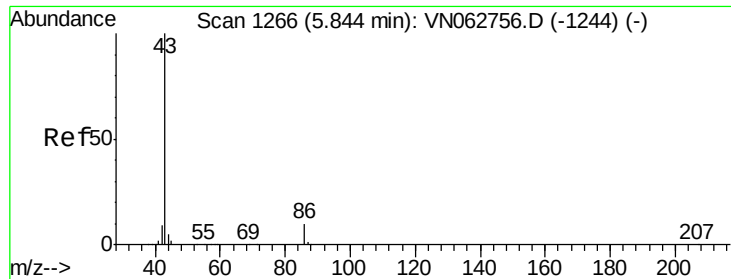
Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	45	Resp:	6572
Ion	Ratio	Lower	Upper
45	100		
43	83.7	47.4	71.2#
87	19.4	22.8	34.2#
59	10.2	9.9	14.9

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23
Vinyl Acetate
Concen: 4.205 ug/l
RT: 5.84 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

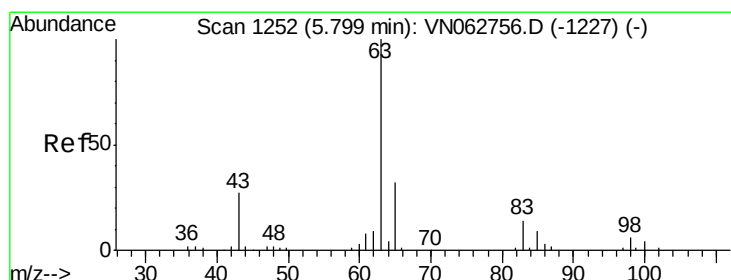
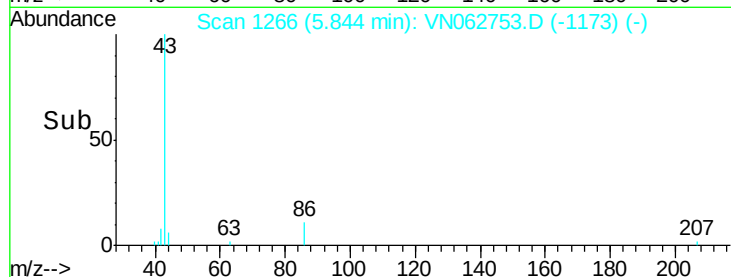
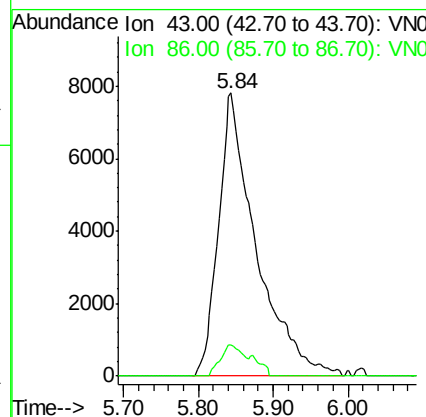
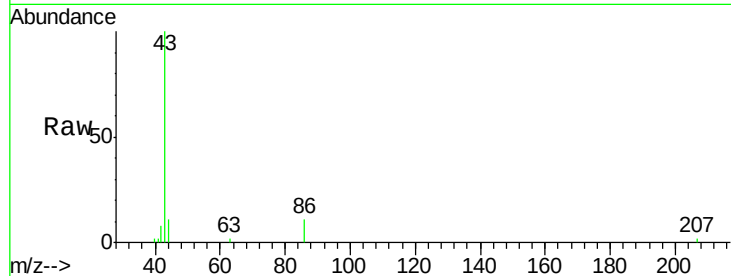
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	7.7	11.5

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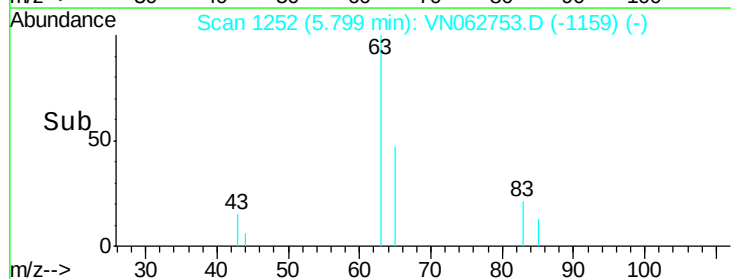
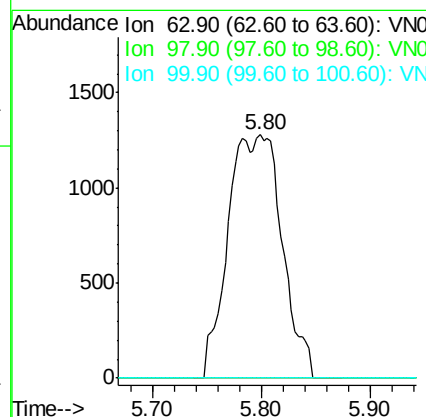
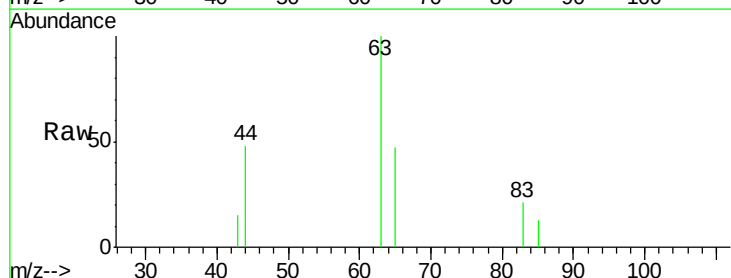
MMDadoda

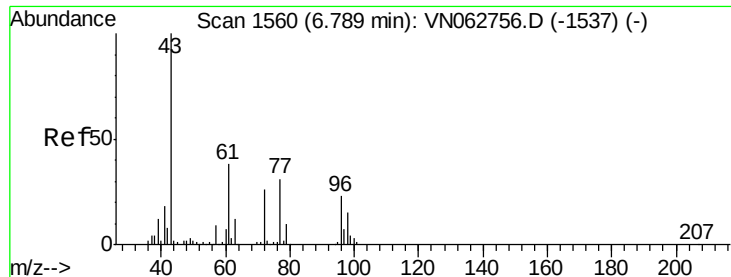
8/6/2020 1:51:40 PM



#24
1,1-Dichloroethane
Concen: 1.001 ug/l m
RT: 5.80 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.2#
100	0.0	1.9	5.7#





#25

2-Butanone

Concen: 4.623 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 7438

Ion Ratio Lower Upper

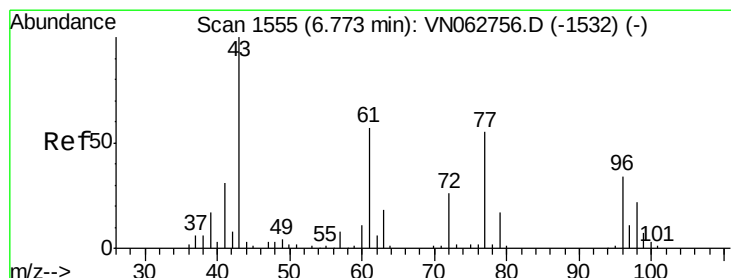
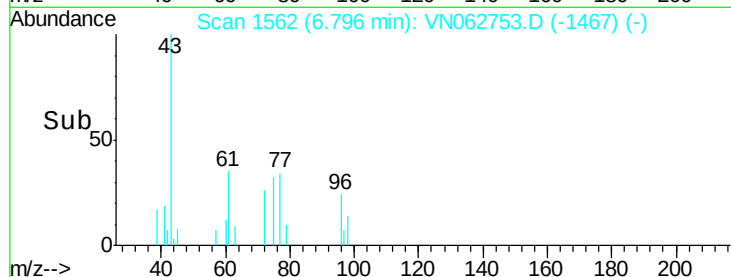
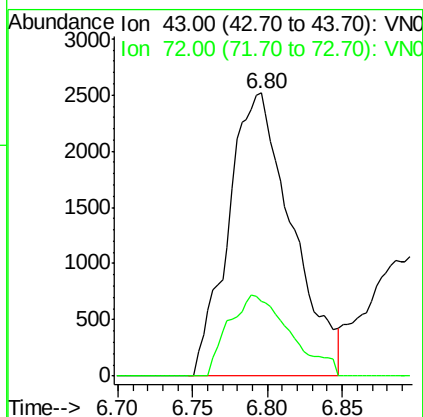
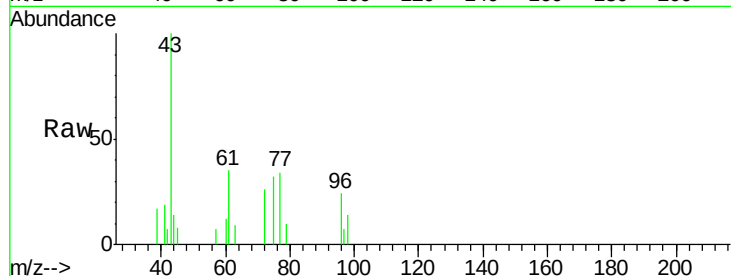
43 100

72 26.5 21.1 31.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 1.244 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062753.D

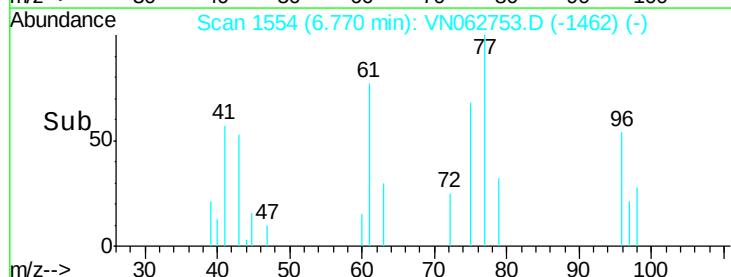
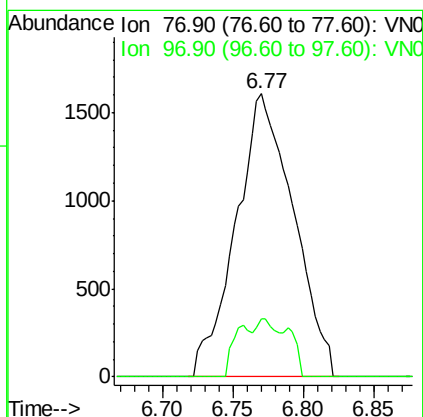
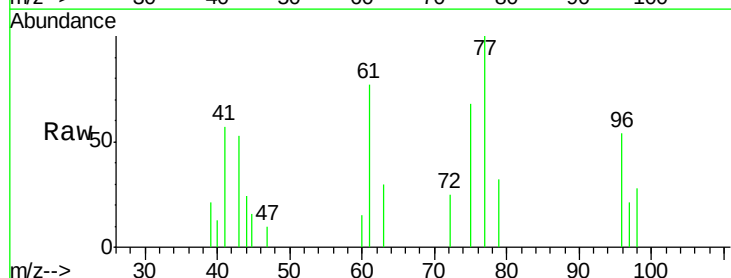
Acq: 5 Aug 2020 11:02

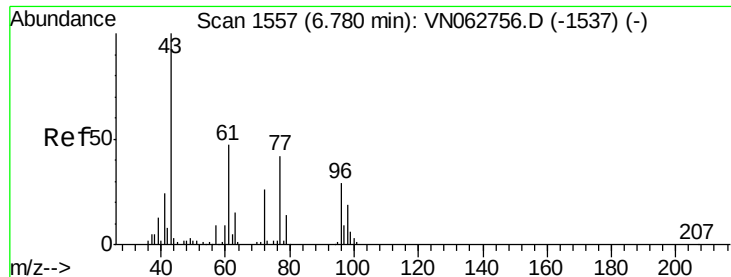
Tgt Ion: 77 Resp: 4587

Ion Ratio Lower Upper

77 100

97 2.6 10.5 31.6#





#27

cis-1,2-Dichloroethene

Concen: 1.045 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

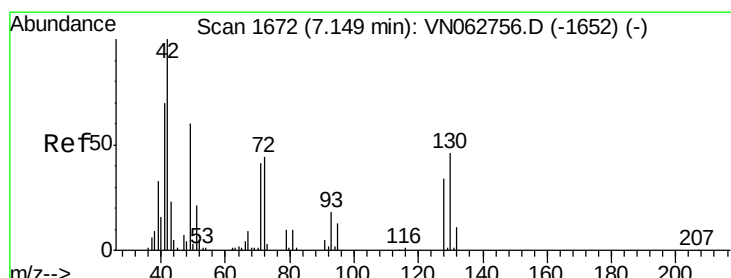
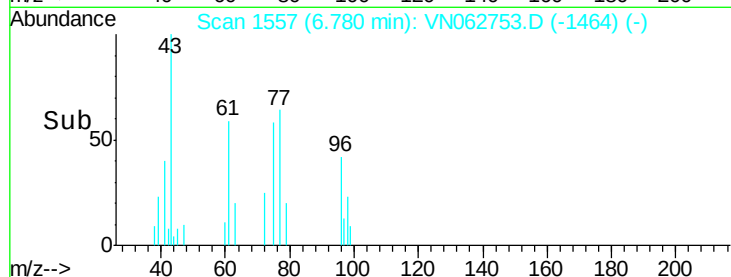
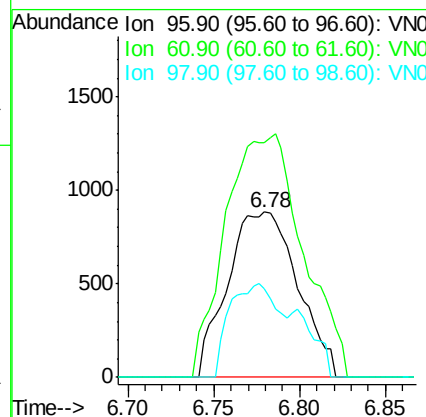
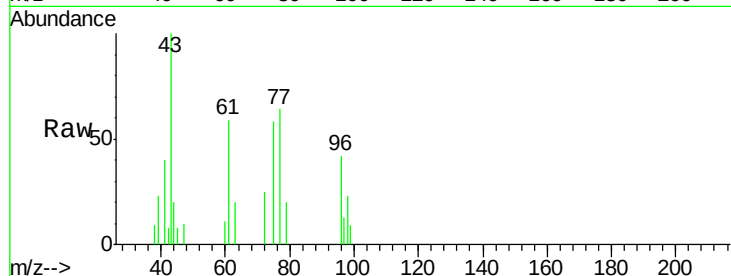
VSTDIC001

Tot Ion:	96	Resp:	2518
Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	332.2
98	39.8	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 0.887 ug/l

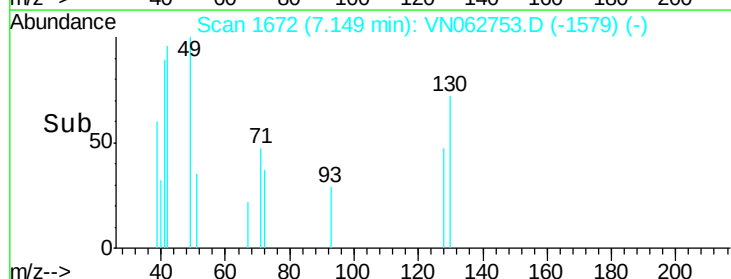
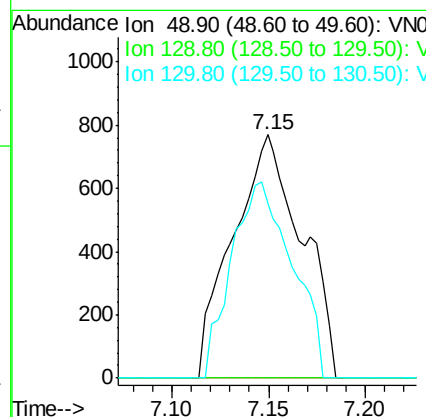
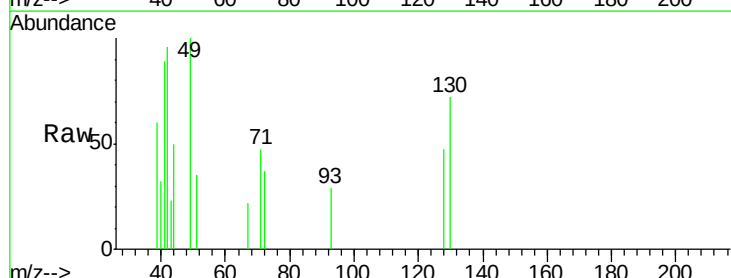
RT: 7.15 min Scan# 1672

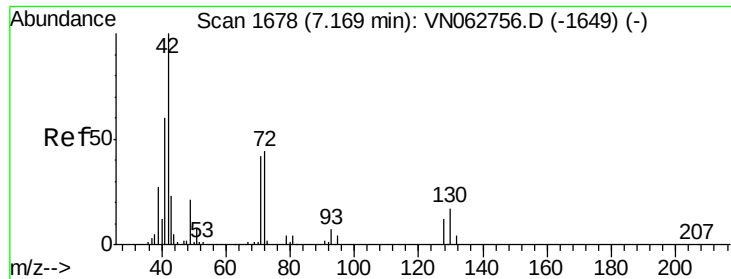
Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	49	Resp:	1907
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	71.1	59.0	88.6





#29
Tetrahydrofuran
Concen: 4.418 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

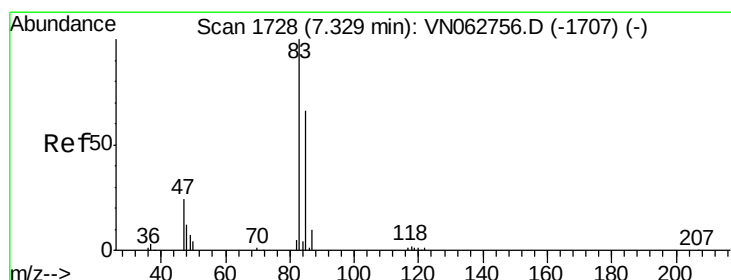
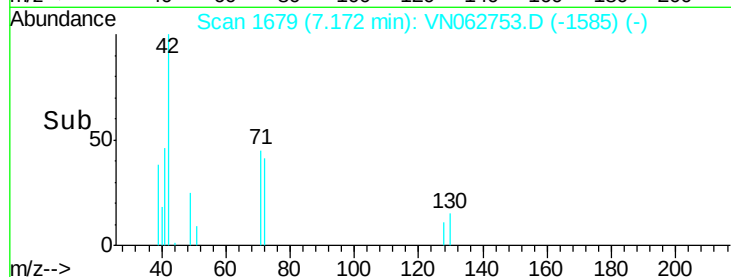
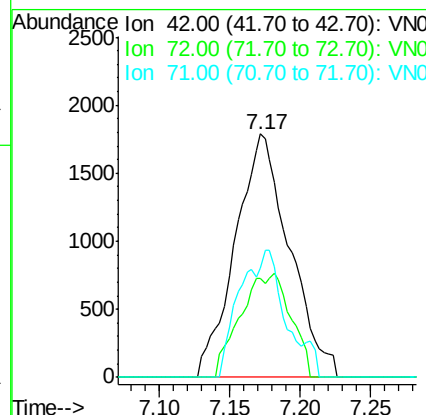
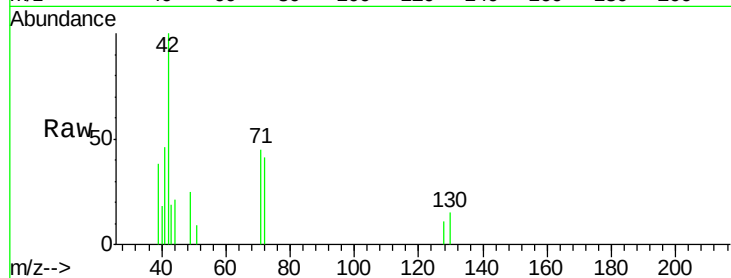
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	21.2	35.0	52.4#
71	42.1	33.2	49.8

Manual Integrations
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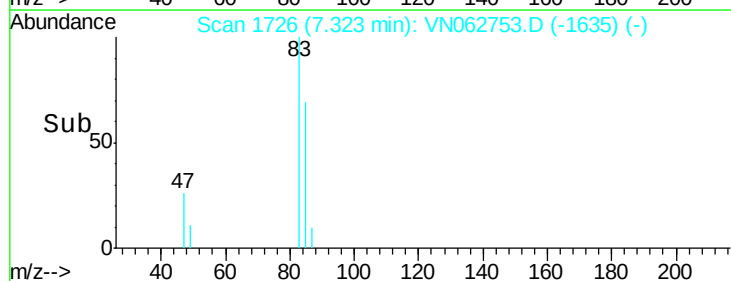
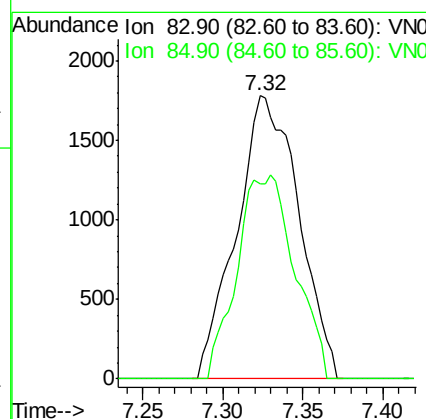
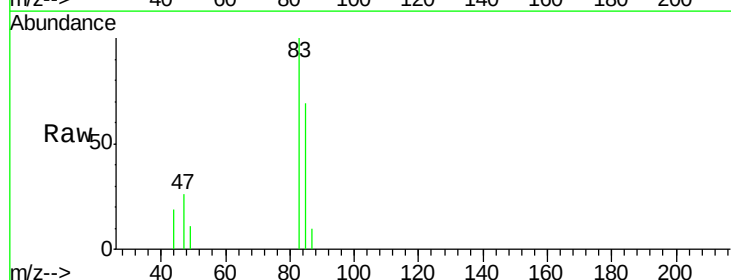
MMDadoda

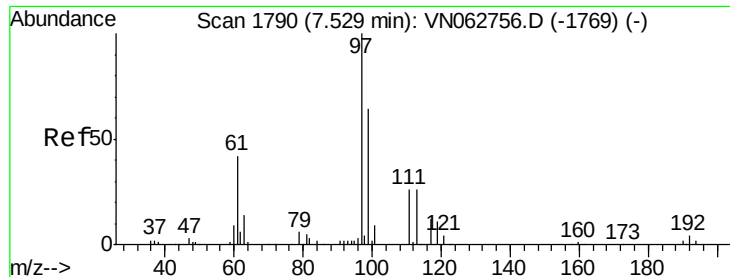
8/6/2020 1:51:40 PM



#30
Chloroform
Concen: 1.117 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.7	79.1





#32
 1,1,1-Trichloroethane
 Concen: 1.104 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

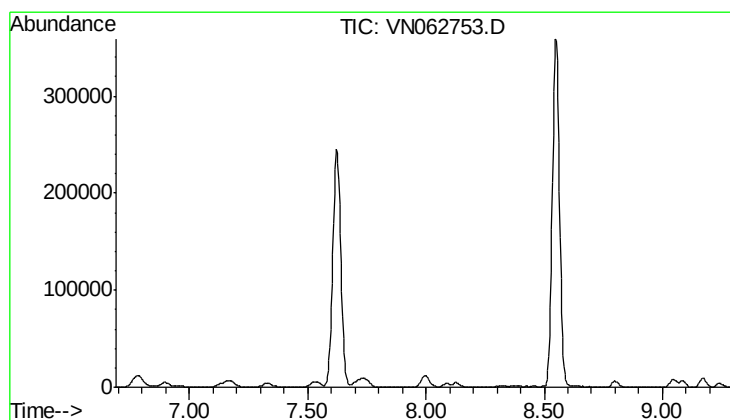
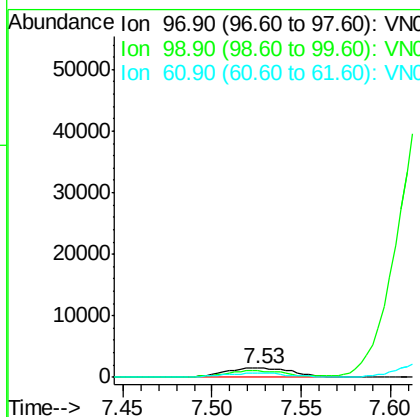
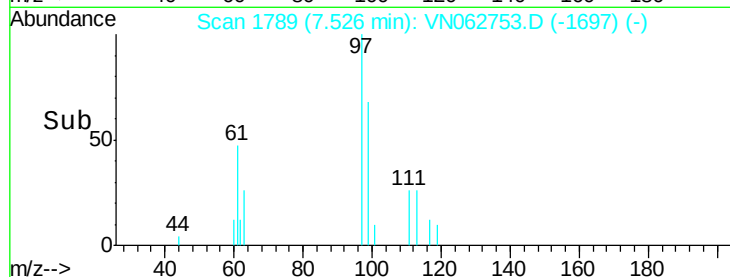
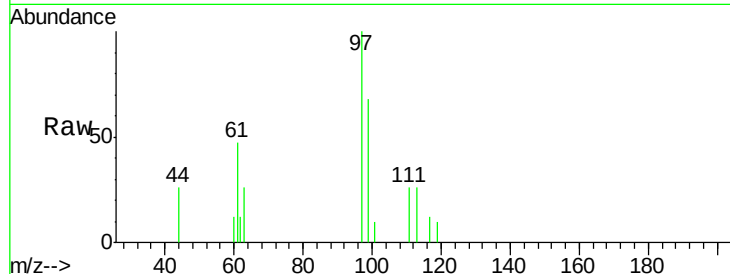
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	50.0	75.0#	
61	43.9	34.8	52.2	

Manual Integrations
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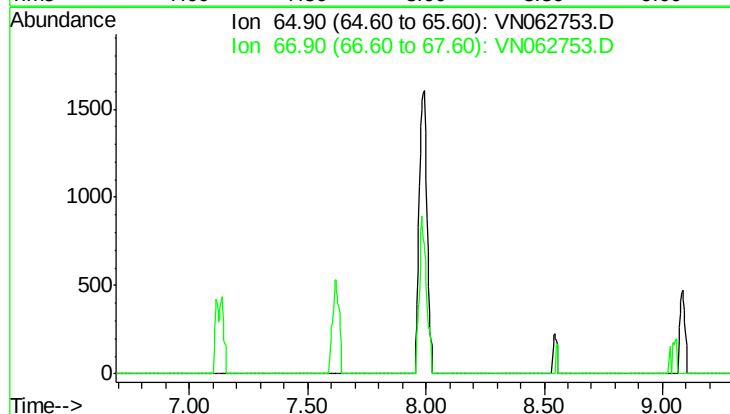
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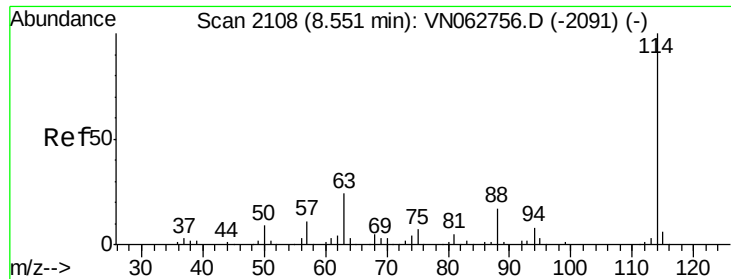


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.99 min

Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Sig	Exp Ratio
65	100	
67	50.7	





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

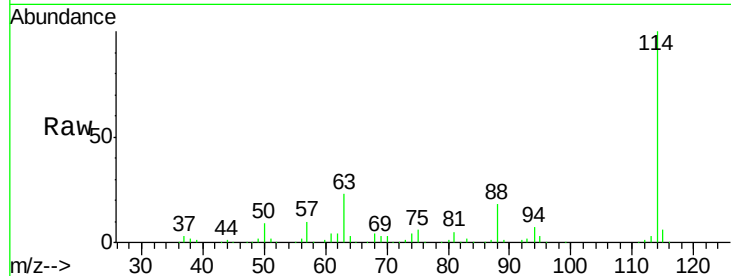
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.2	0.0	47.6
88	17.9	0.0	34.4

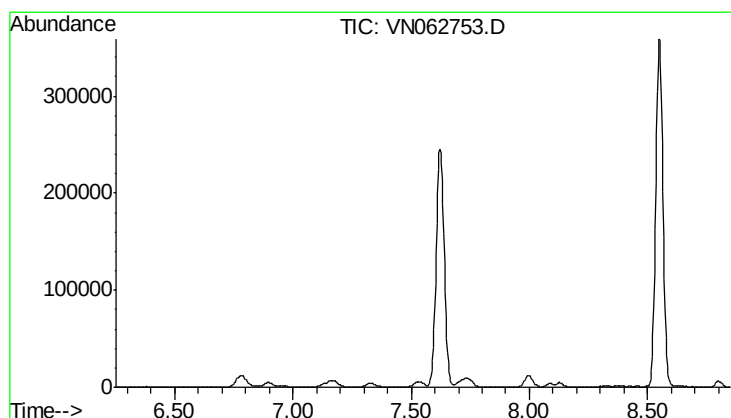
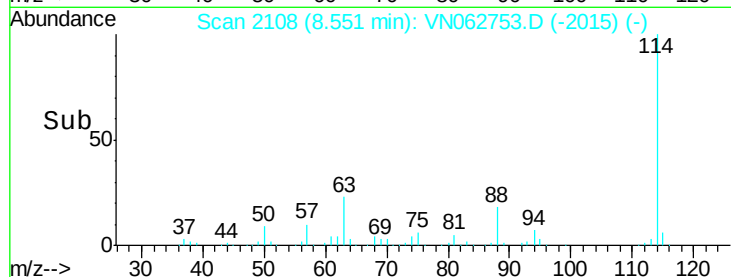
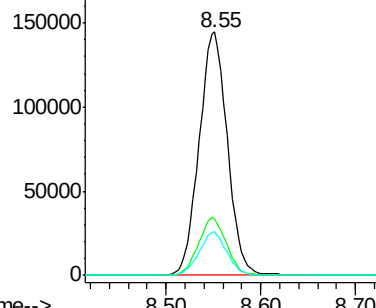
Manual Integrations
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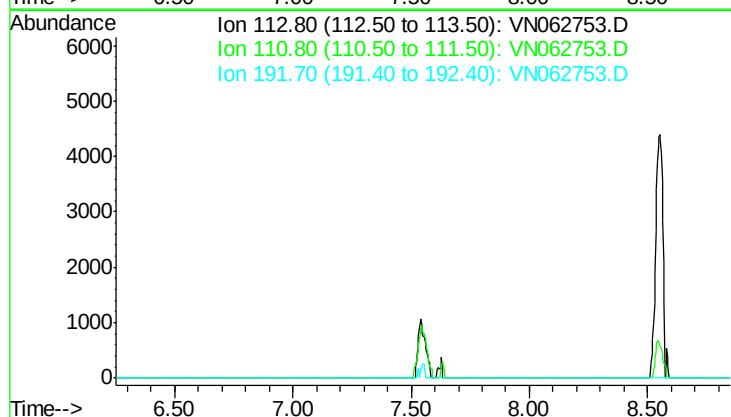
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

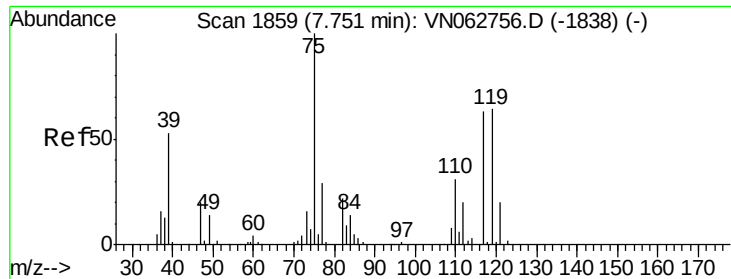


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.55 min

Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion	Exp Ratio
113	100
111	102.2
192	18.7





#36
 1,1-Dichloropropene
 Concen: 1.017 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

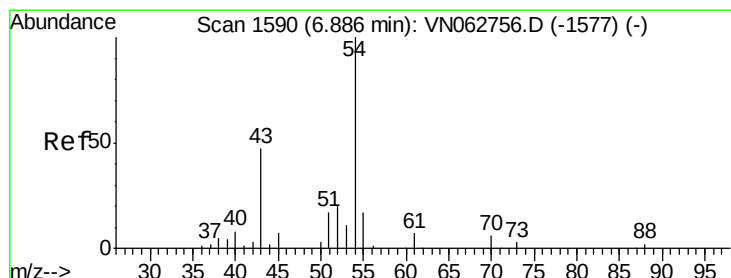
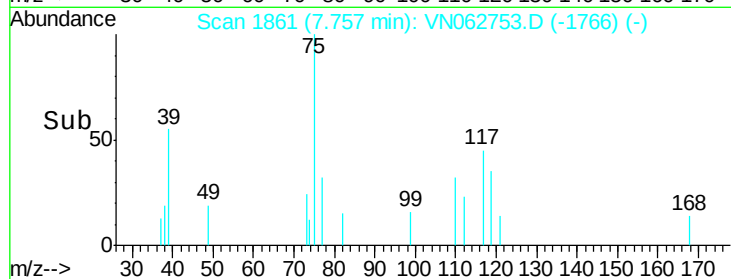
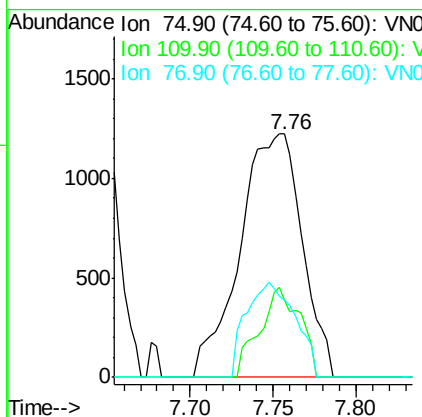
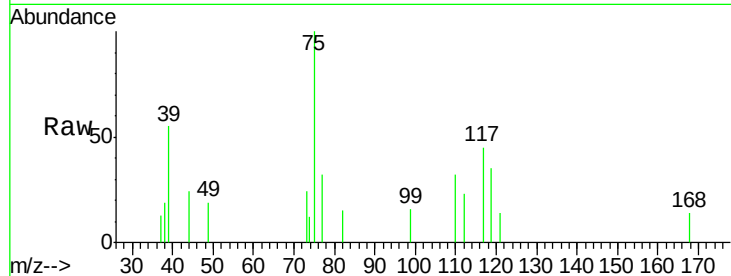
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	24.0	15.6	46.7
77	30.7	24.1	36.1

Manual Integrations
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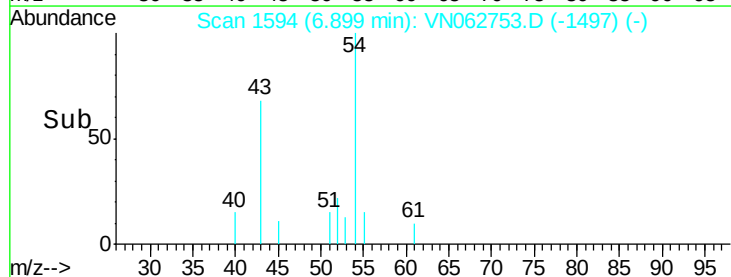
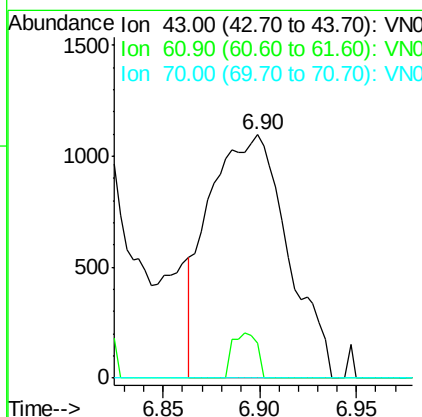
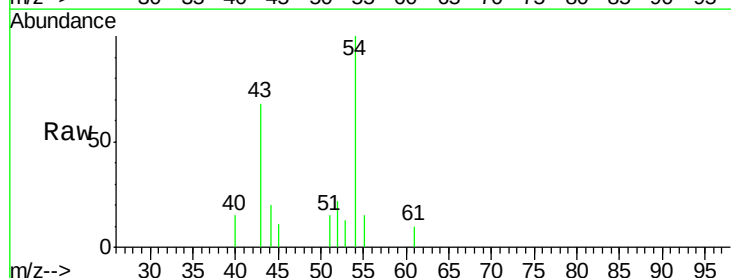
MMDadoda

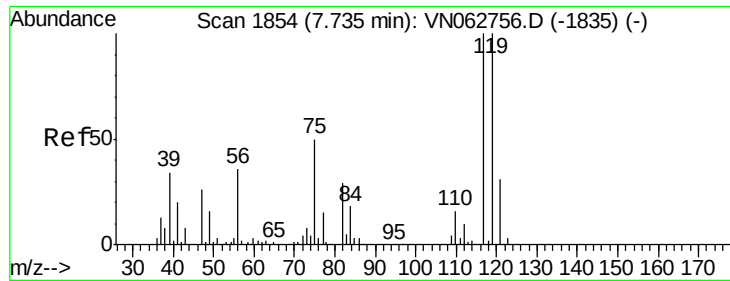
8/6/2020 1:51:40 PM



#37
 Ethyl Acetate
 Concen: 0.919 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.6	12.1	18.1#
70	0.0	8.3	12.5#





#38
Carbon Tetrachloride
Concen: 1.291 ug/l m
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

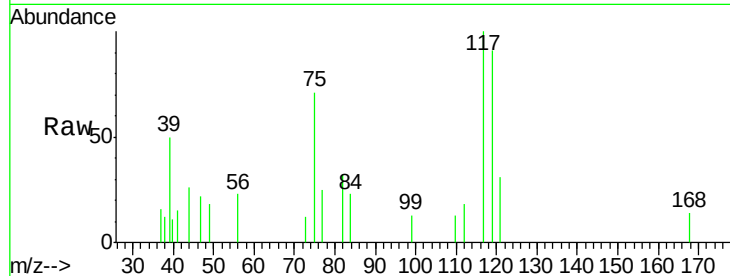
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.4	119.2
121	31.1	24.9	37.3

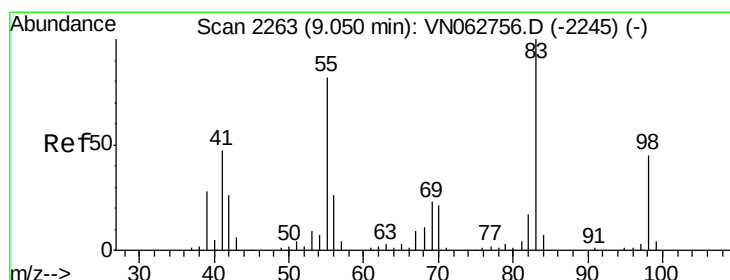
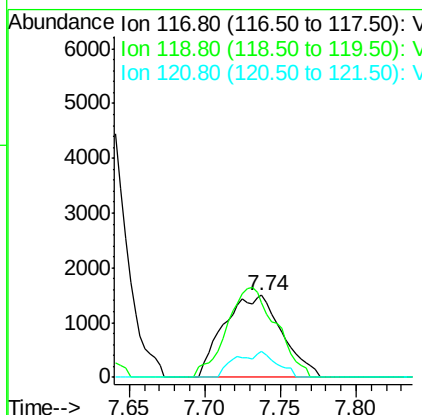
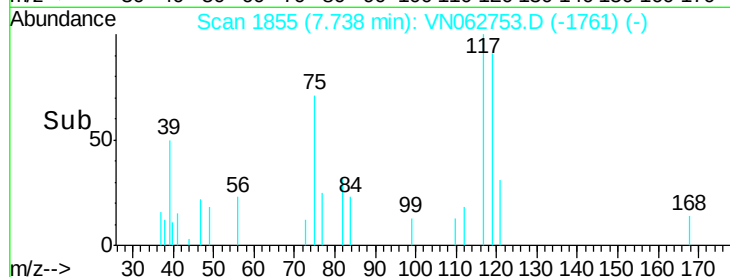
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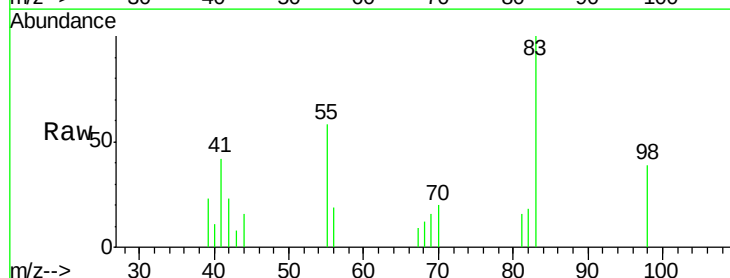


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

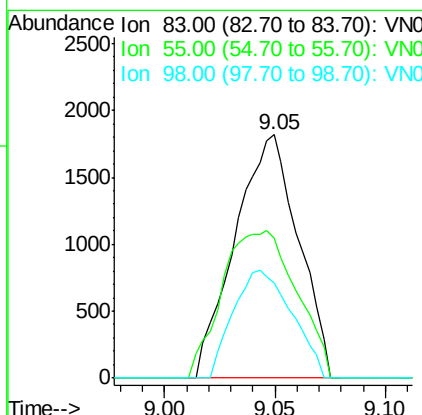
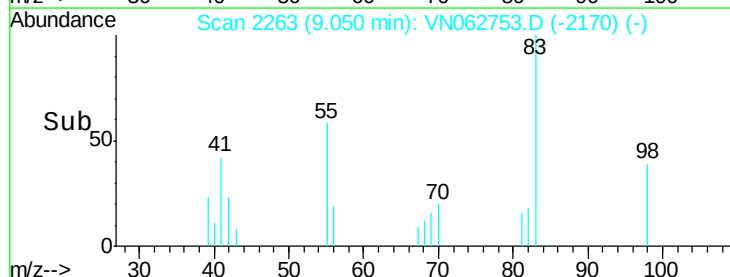


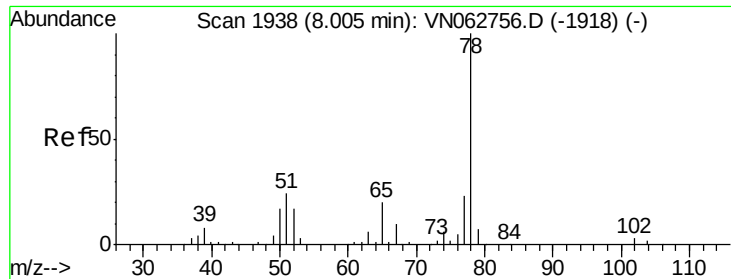
#39
Methylcyclohexane
Concen: 1.051 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	57.6	65.7	98.5#
98	39.1	35.6	53.4



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#40
Benzene
Concen: 1.037 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

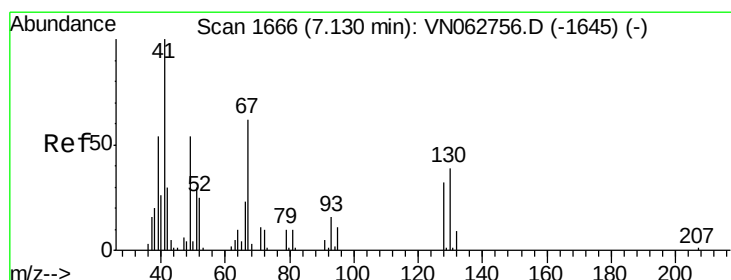
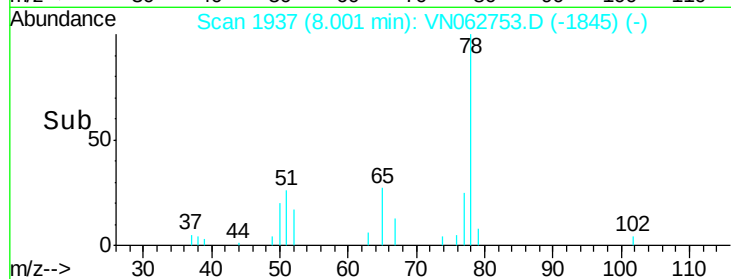
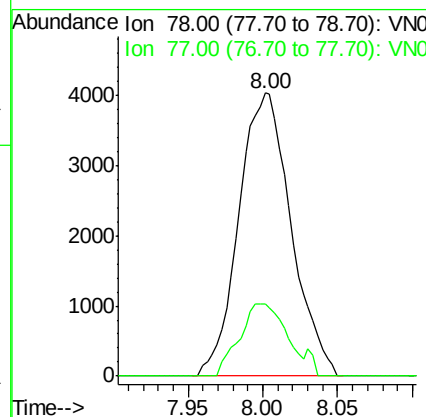
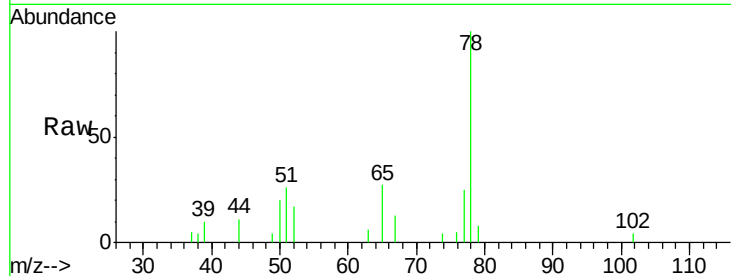
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 9807
Ion Ratio Lower Upper
78 100
77 25.3 18.1 27.1

Manual Integrations
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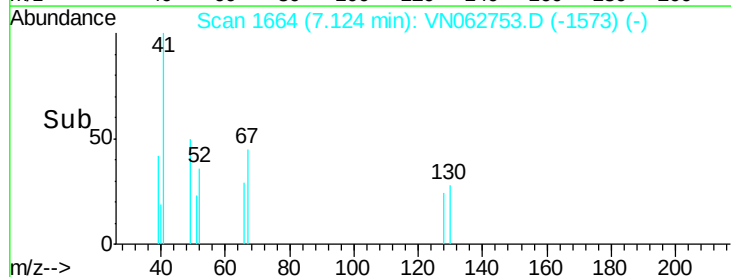
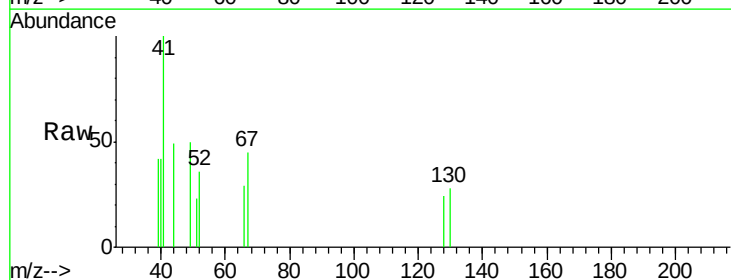
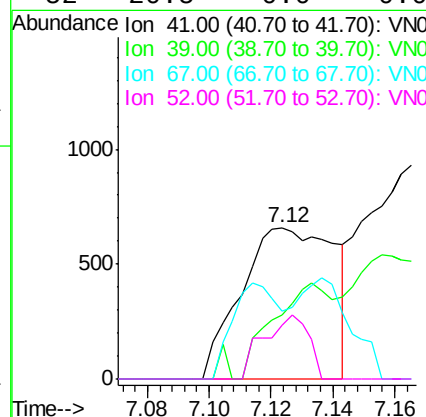
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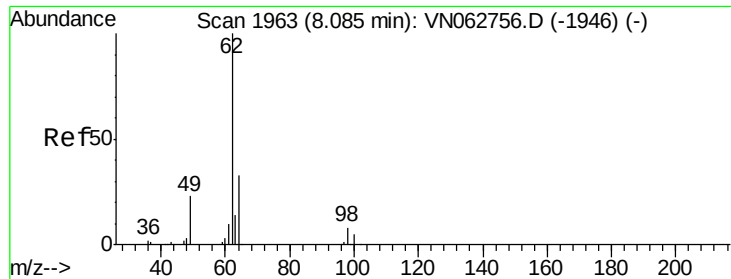
8/6/2020 1:51:40 PM



#41
Methacrylonitrile
Concen: 0.923 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 41 Resp: 1378
Ion Ratio Lower Upper
41 100
39 39.2 69.4 104.2#
67 34.2 0.0 0.0#
52 20.5 0.0 0.0#





#42
 1,2-Dichloroethane
 Concen: 1.112 ug/l
 RT: 8.09 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

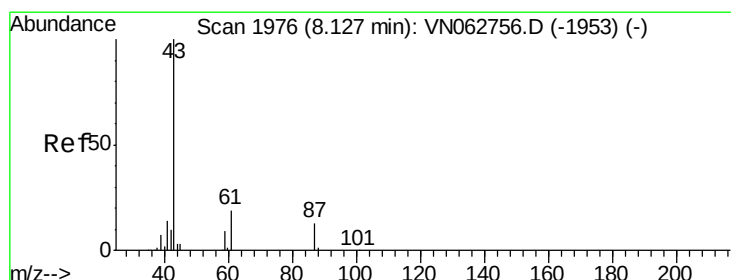
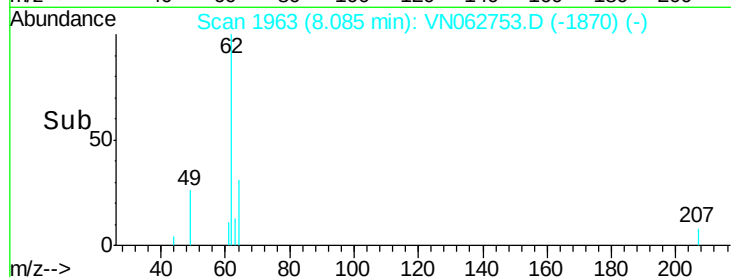
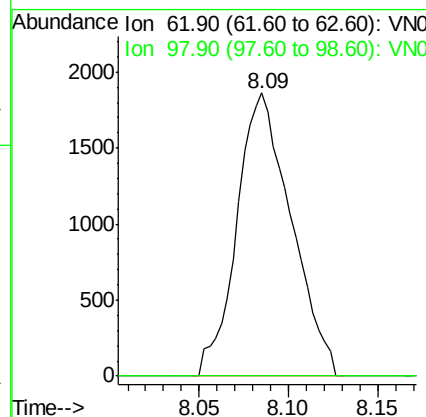
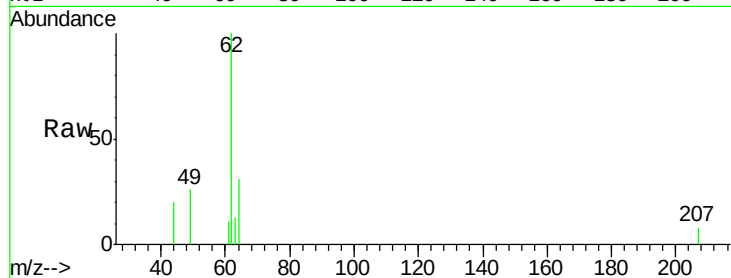
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

Manual Integrations
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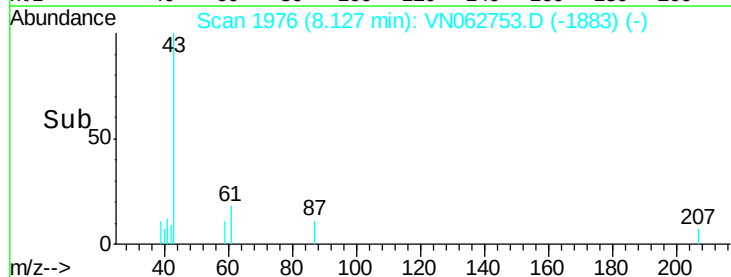
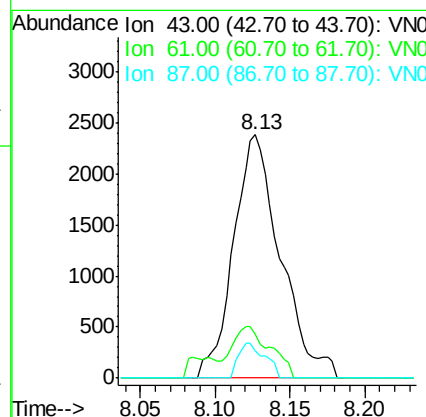
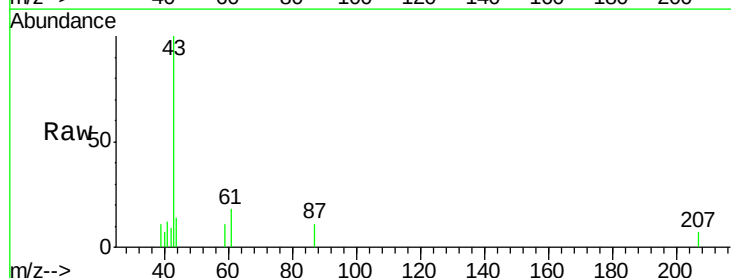
MMDadoda

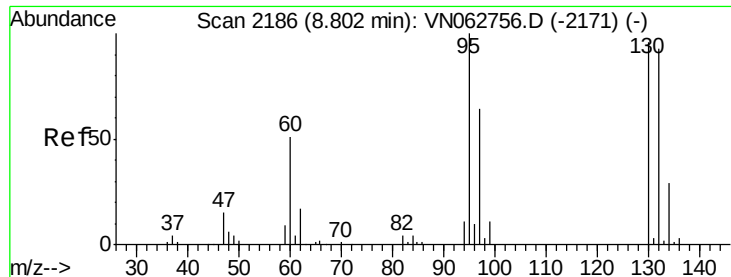
8/6/2020 1:51:40 PM



#43
 Isopropyl Acetate
 Concen: 0.959 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	15.8	23.6
87	8.1	9.9	14.9#





#44

Trichloroethene

Concen: 1.098 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 2366

Ion Ratio Lower Upper

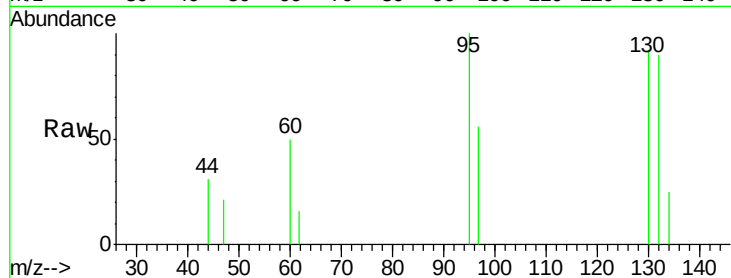
130 100

95 108.8 0.0 207.6

Manual Integrations
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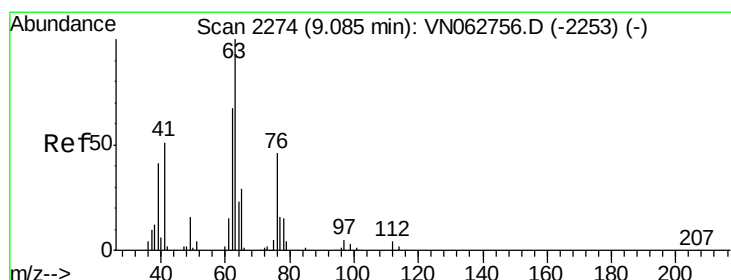
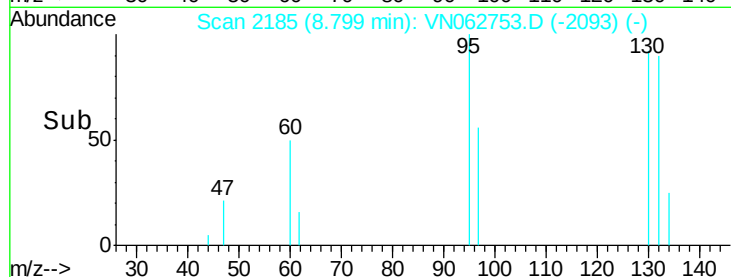
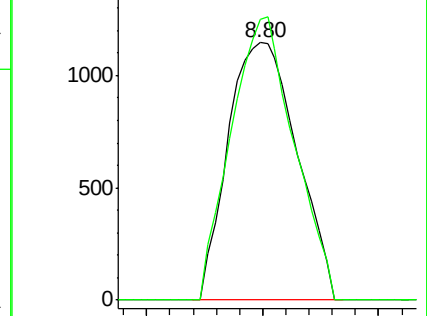
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 0.924 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062753.D

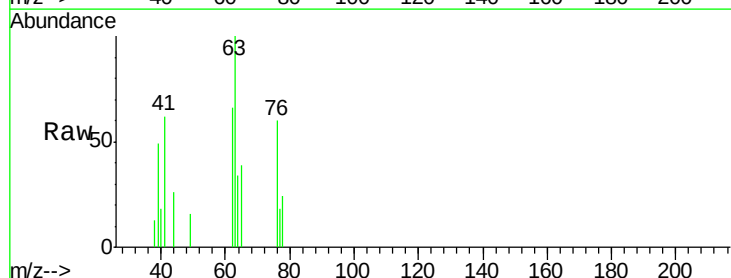
Acq: 5 Aug 2020 11:02

Tgt Ion: 63 Resp: 2452

Ion Ratio Lower Upper

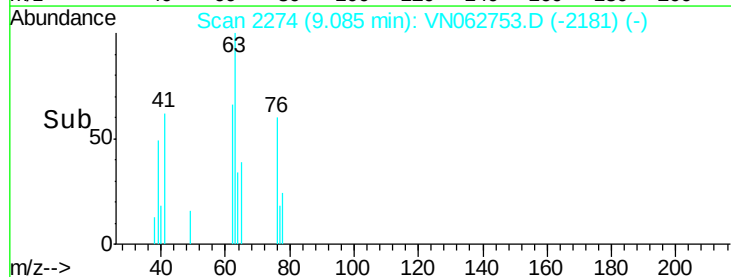
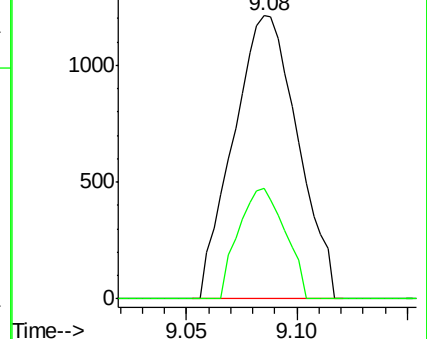
63 100

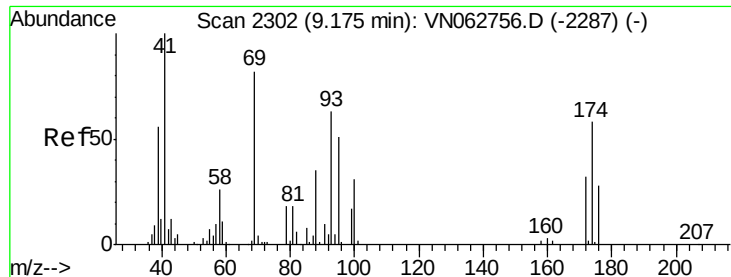
65 39.1 23.5 35.3#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





#46
Dibromomethane
Concen: 0.983 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

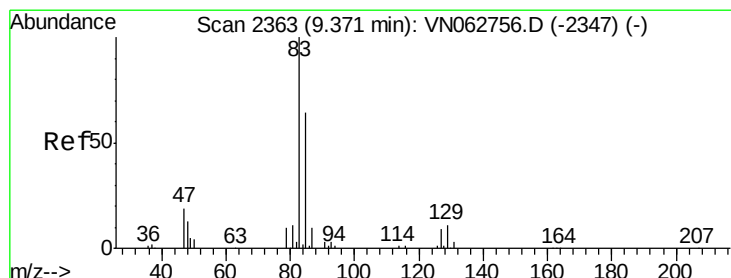
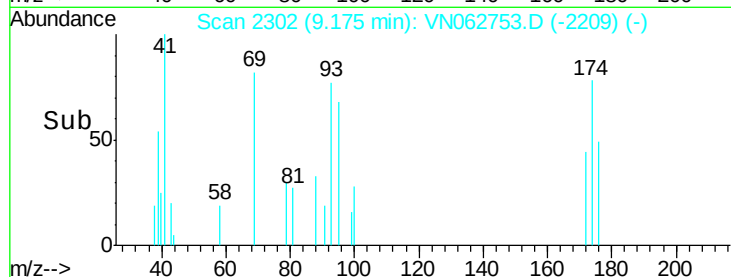
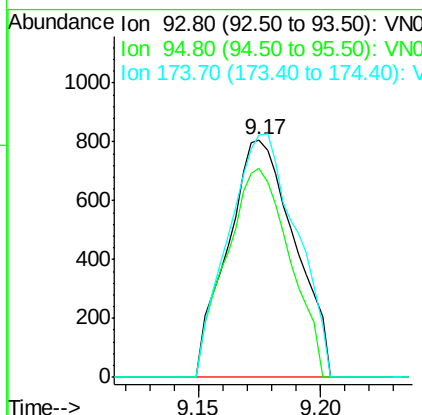
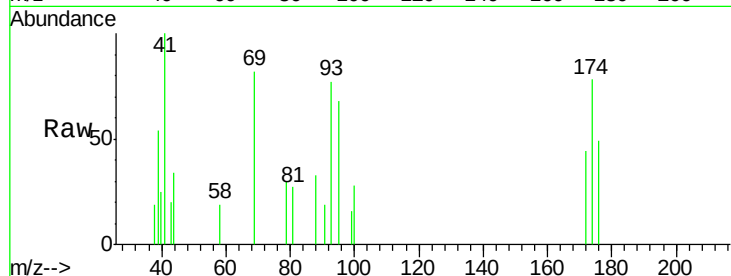
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 93 Resp: 1533
Ion Ratio Lower Upper
93 100
95 83.7 65.1 97.7
174 104.4 73.9 110.9

Manual Integrations
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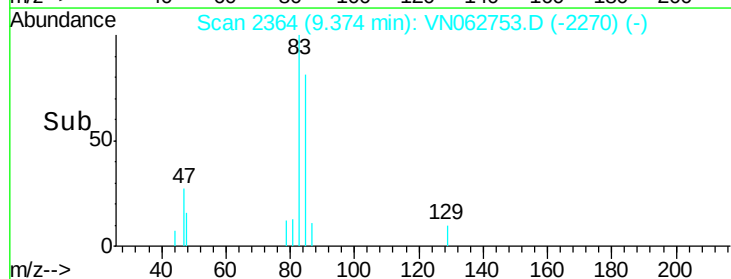
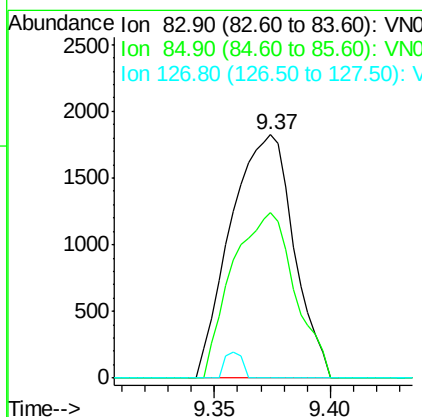
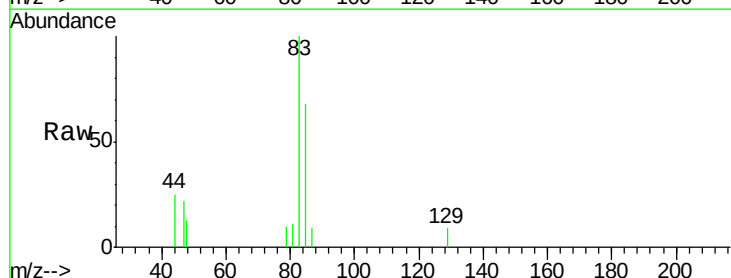
MMDadoda

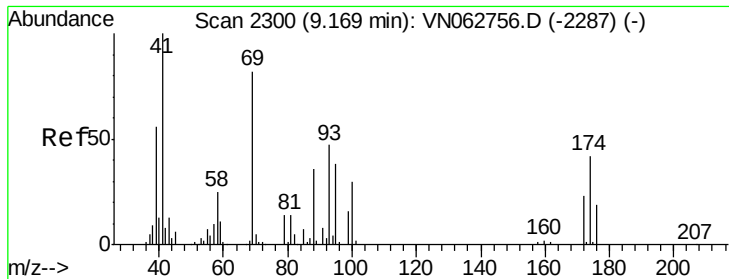
8/6/2020 1:51:40 PM



#47
Bromodichloromethane
Concen: 1.010 ug/l
RT: 9.37 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 83 Resp: 3453
Ion Ratio Lower Upper
83 100
85 67.8 51.4 77.0
127 0.0 6.9 10.3#





#48
Methvl methacrylate
Concen: 0.925 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

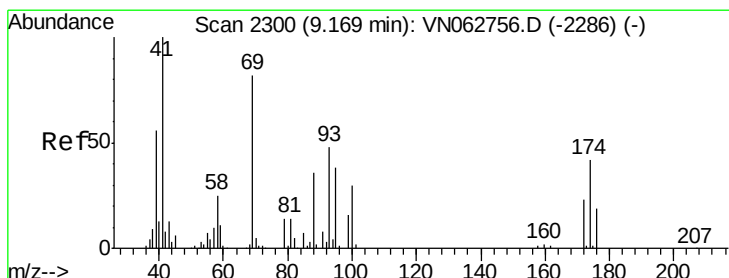
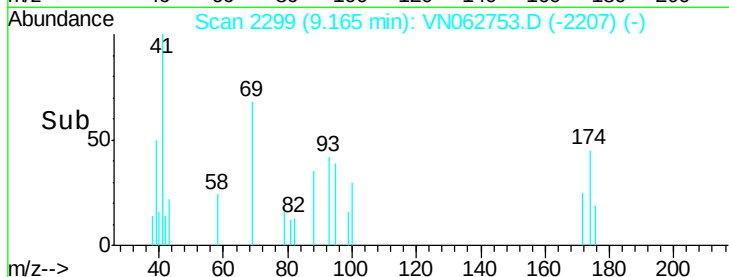
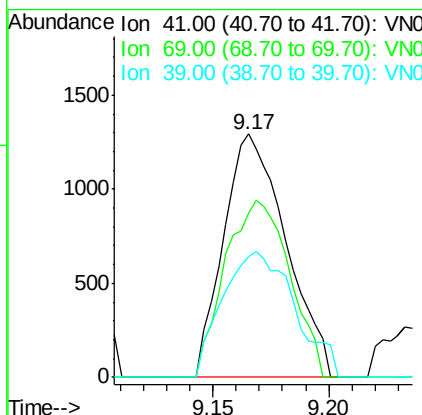
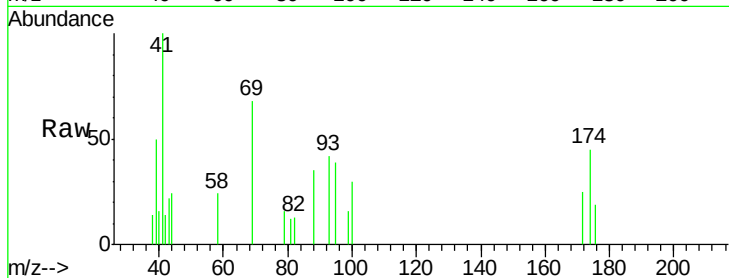
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 41 Resp: 2409
Ion Ratio Lower Upper
41 100
69 75.5 67.4 101.2
39 59.7 47.6 71.4

Manual Integrations
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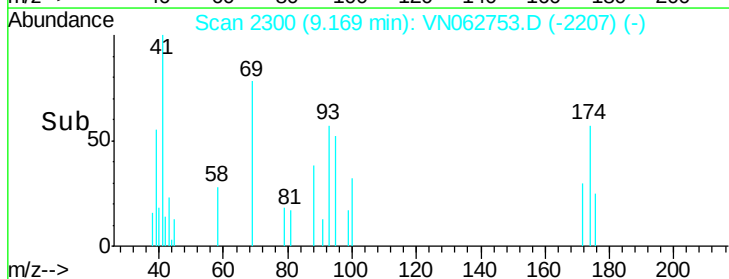
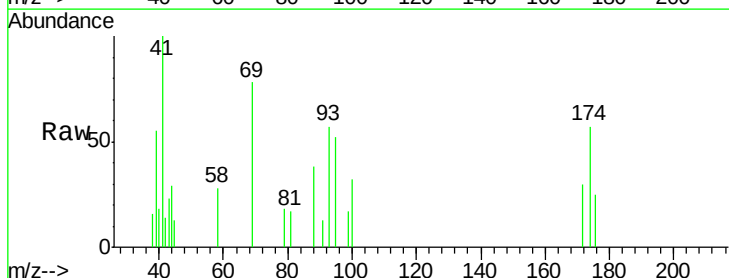
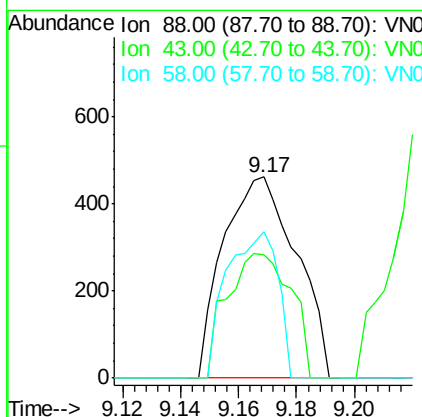
MMDadoda

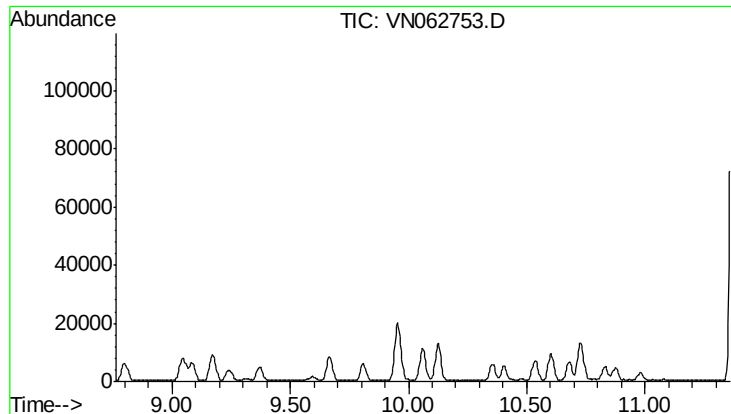
8/6/2020 1:51:40 PM



#49
1,4-Dioxane
Concen: 19.342 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 88 Resp: 806
Ion Ratio Lower Upper
88 100
43 53.8 29.5 44.3#
58 50.9 59.8 89.8#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

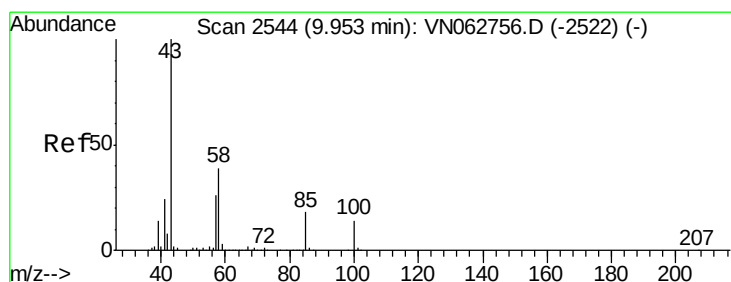
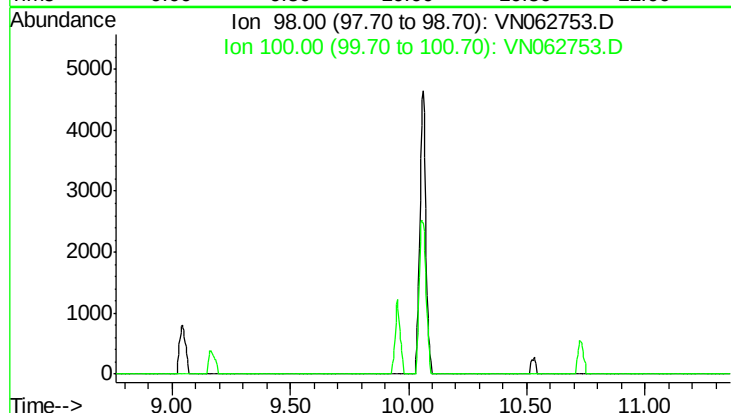
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

Manual Integrations
APPROVED

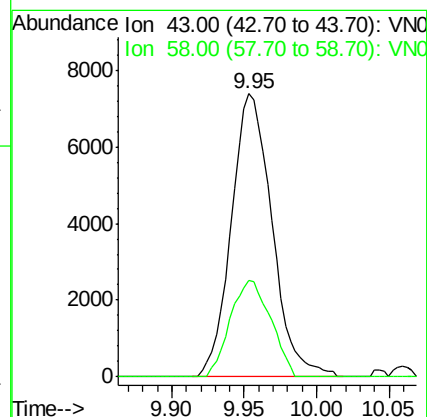
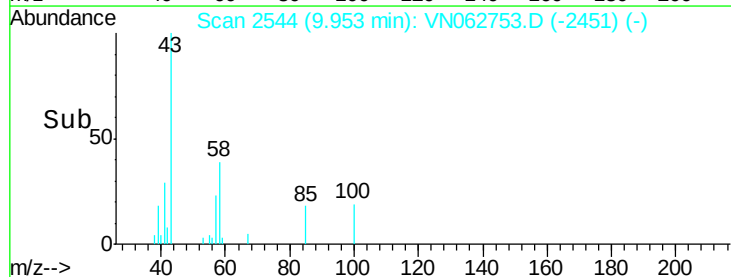
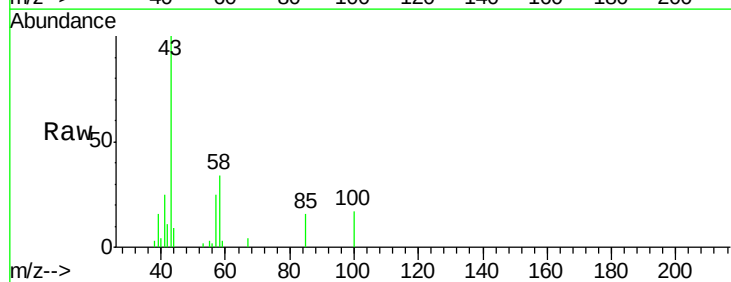
MMDadoda

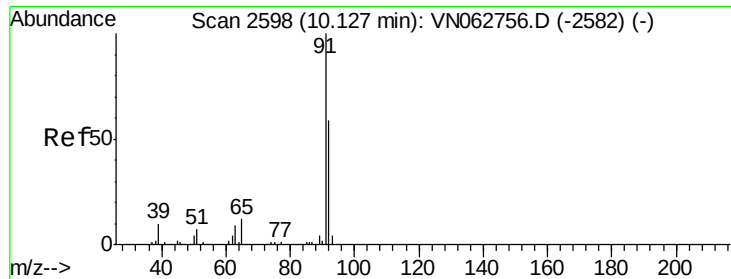
8/6/2020 1:51:40 PM



#51
4-Methyl-2-Pentanone
Concen: 4.363 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 43 Resp: 14424
Ion Ratio Lower Upper
43 100
58 33.6 31.1 46.7





#52

Toluene

Concen: 0.974 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5405

Ion Ratio Lower Upper

92 100

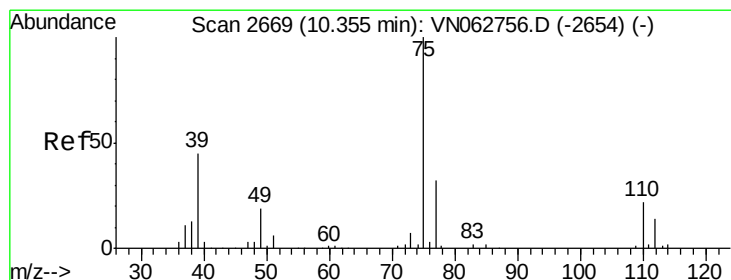
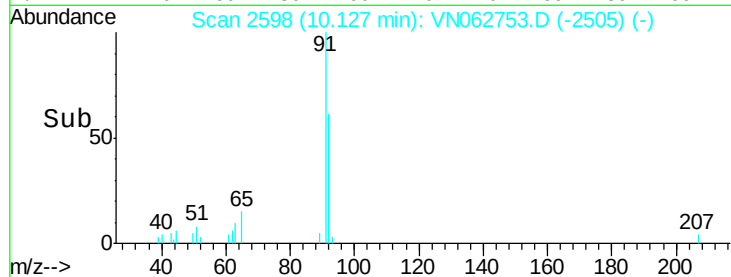
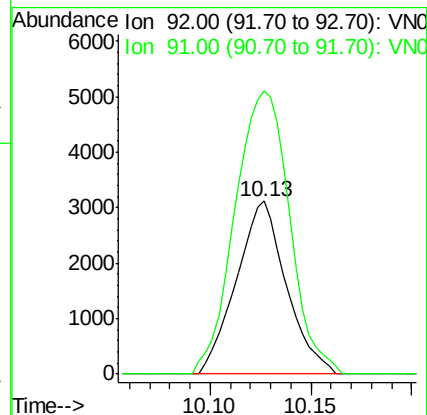
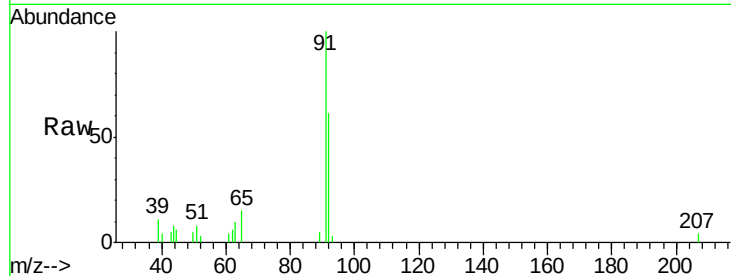
91 179.1 138.9 208.3

Manual Integrations

APPROVED

MMDadoda

8/6/2020 1:51:40 PM



#53

t-1,3-Dichloropropene

Concen: 0.980 ug/l

RT: 10.36 min Scan# 2670

Delta R.T. 0.00 min

Lab File: VN062753.D

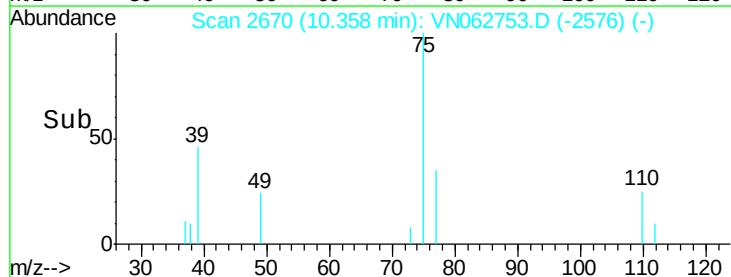
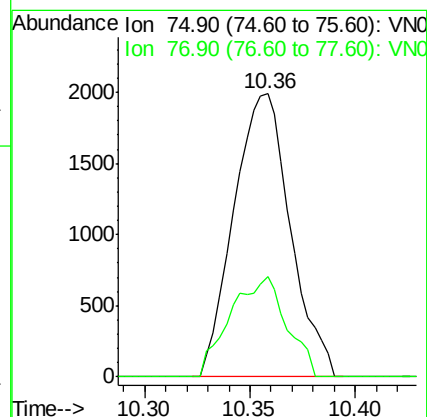
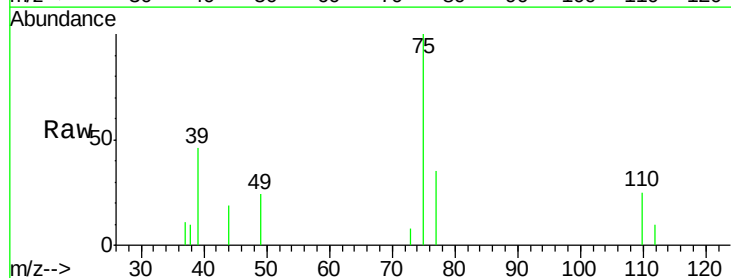
Acq: 5 Aug 2020 11:02

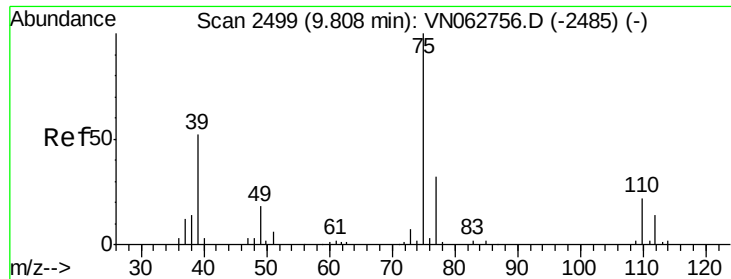
Tgt Ion: 75 Resp: 3704

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.2





#54
 cis-1,3-Dichloropropene
 Concen: 0.921 ug/l
 RT: 9.80 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

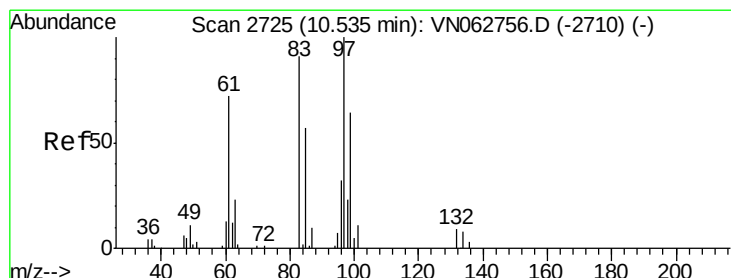
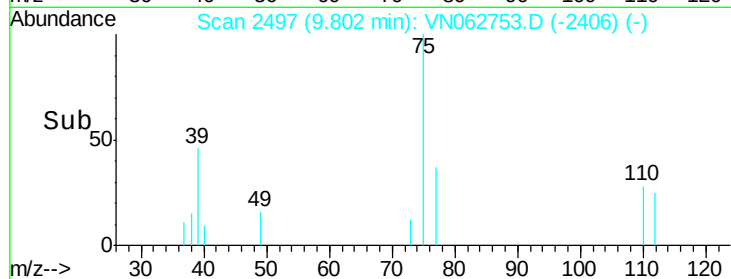
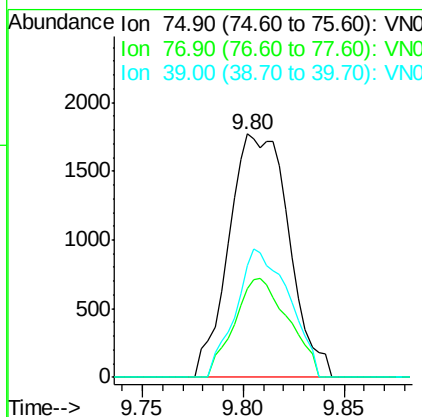
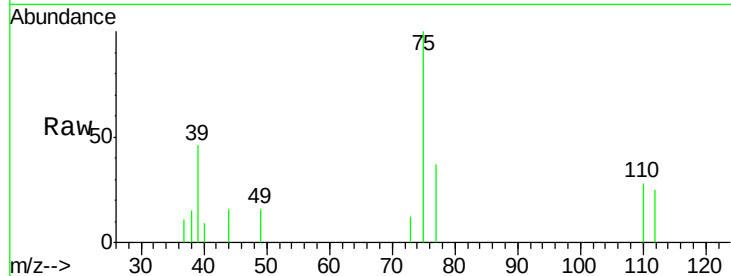
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	3682
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.5	38.3
39	46.0	41.9	62.9

Manual Integrations
 APPROVED

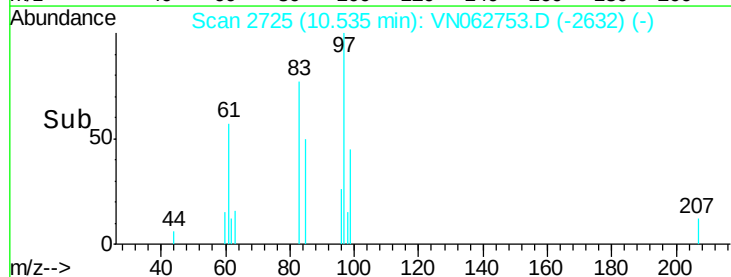
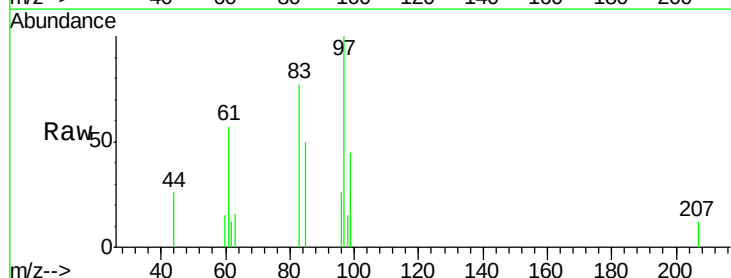
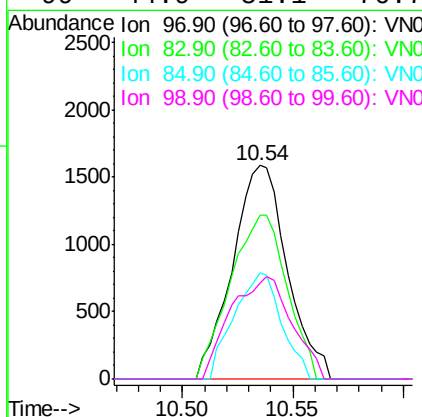
MMDadoda

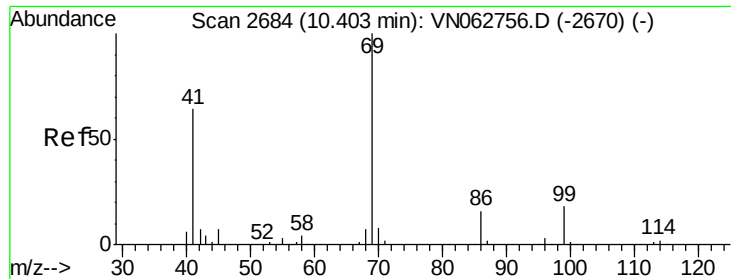
8/6/2020 1:51:40 PM



#55
 1,1,2-Trichloroethane
 Concen: 1.255 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion:	97	Resp:	2730
Ion	Ratio	Lower	Upper
97	100		
83	76.7	72.6	108.8
85	49.6	46.0	69.0
99	44.9	51.1	76.7#





#56

Ethyl methacrylate

Concen: 0.800 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

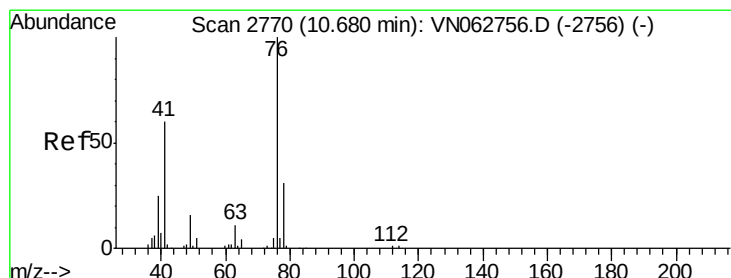
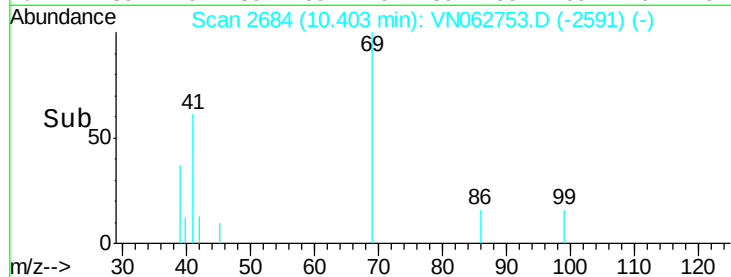
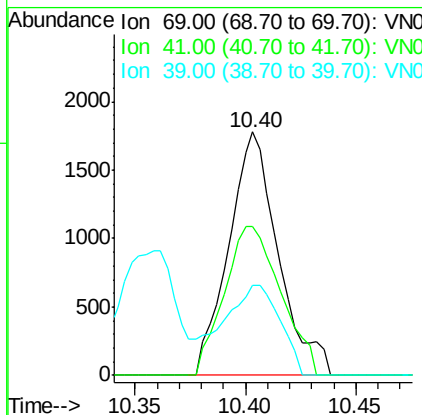
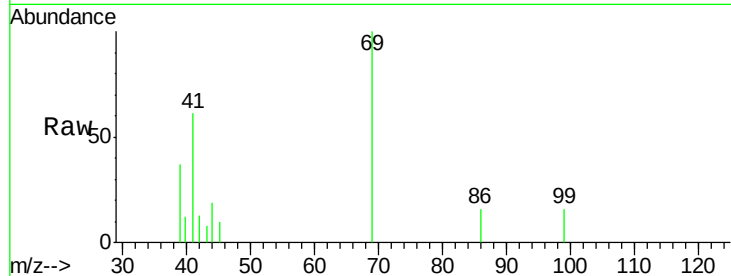
VSTDIC001

Tot Ion:	69	Resp:	2777
Ion	Ratio	Lower	Upper
69	100		
41	69.6	52.2	78.2
39	40.6	30.9	46.3

Manual Integrations
APPROVED

MMDadoda

8/6/2020 1:51:40 PM



#57

1,3-Dichloropropane

Concen: 0.991 ug/l

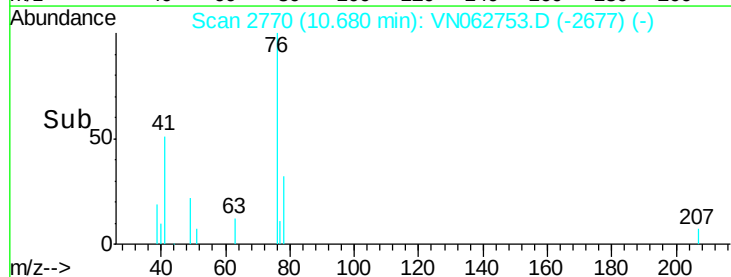
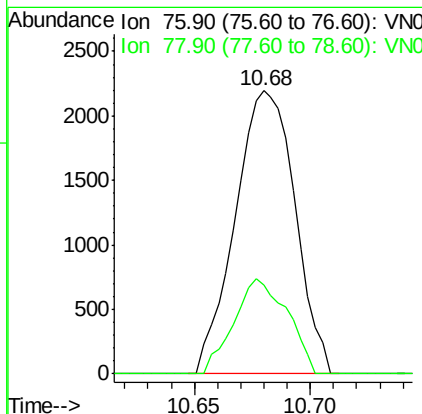
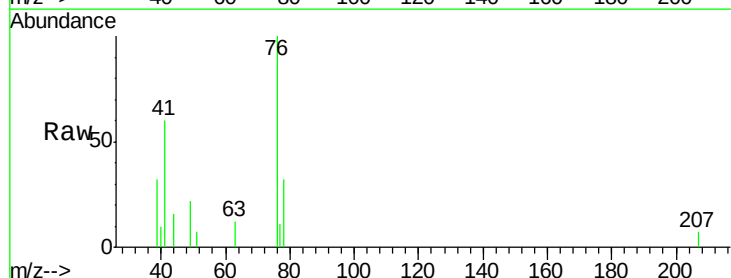
RT: 10.68 min Scan# 2770

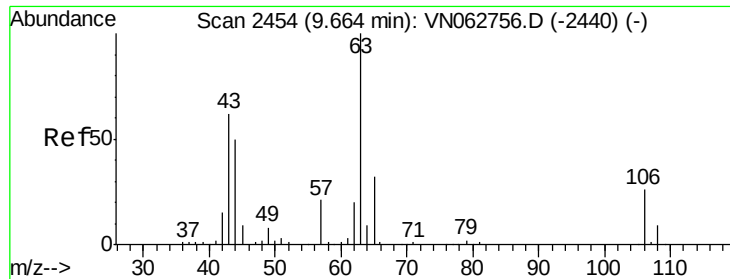
Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	76	Resp:	3931
Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.4	38.0





#58
2-Chloroethyl Vinyl ether
Concen: 4.092 ug/l
RT: 9.67 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

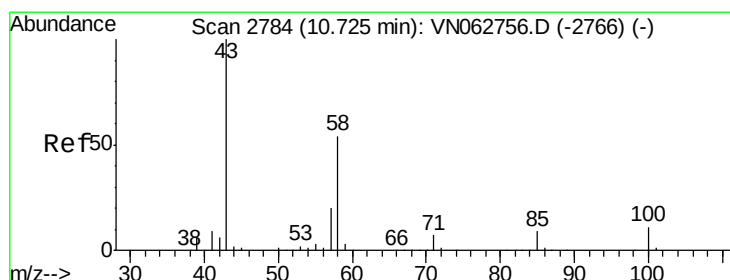
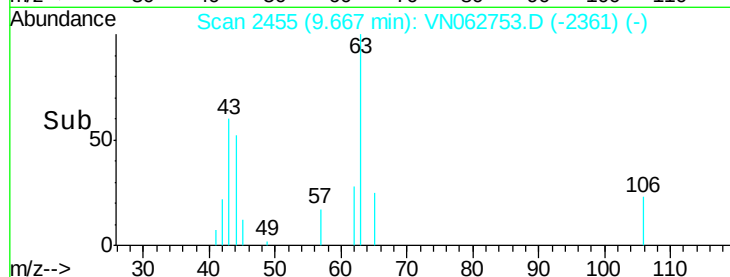
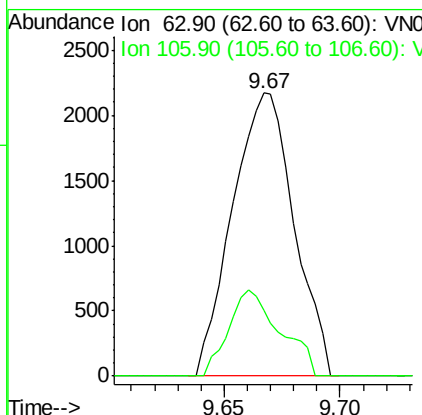
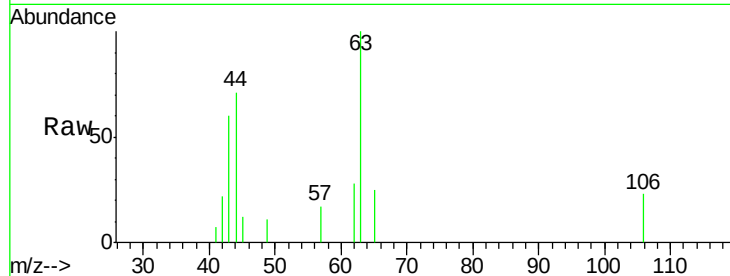
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 4004
Ion Ratio Lower Upper
63 100
106 25.5 20.9 31.3

Manual Integrations
APPROVED

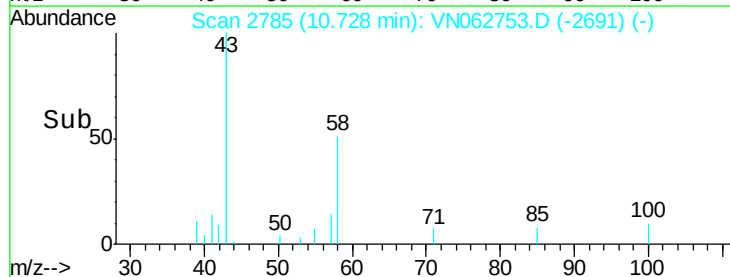
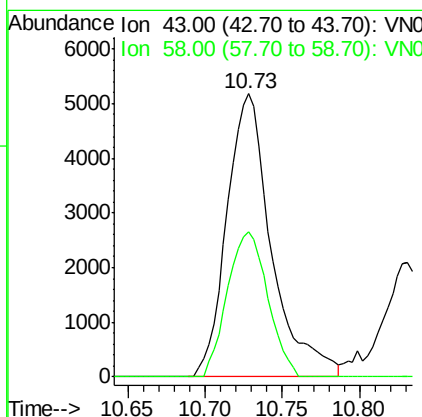
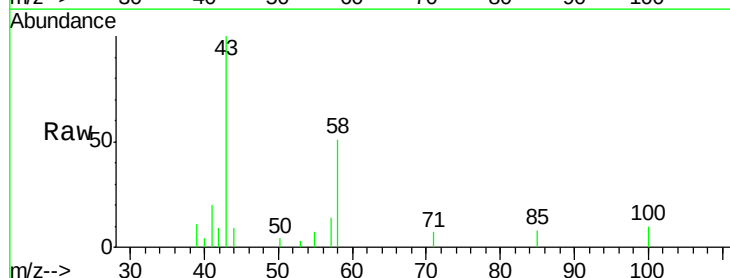
MMDadoda

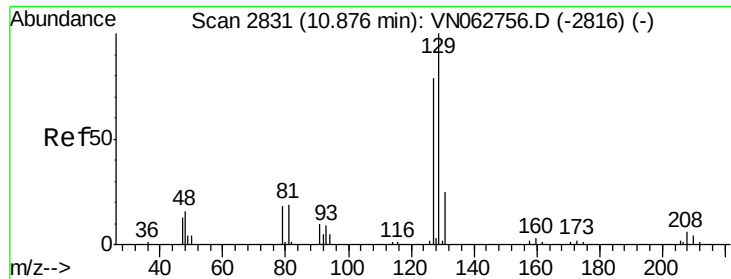
8/6/2020 1:51:40 PM



#59
2-Hexanone
Concen: 4.389 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion: 43 Resp: 10373
Ion Ratio Lower Upper
43 100
58 46.1 26.7 80.1





#60
Dibromochloromethane
Concen: 1.024 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

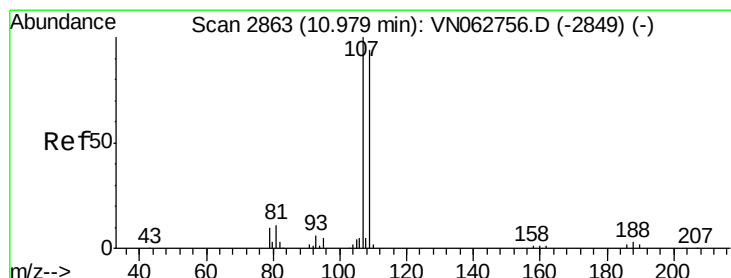
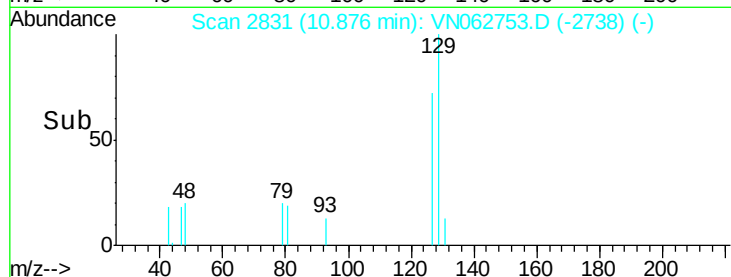
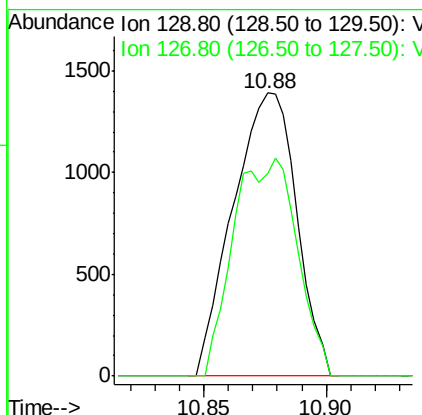
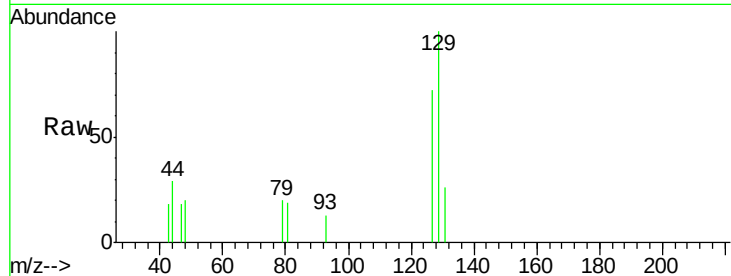
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 2509
Ion Ratio Lower Upper
129 100
127 37.0 39.1 117.2#

Manual Integrations
APPROVED

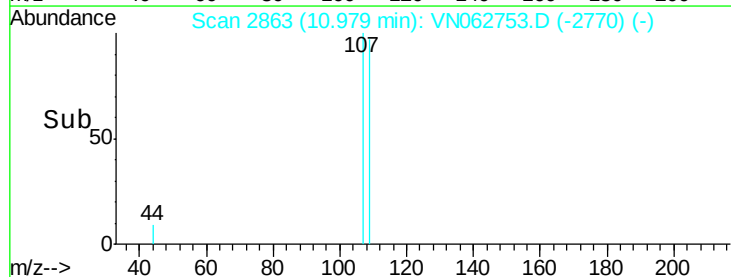
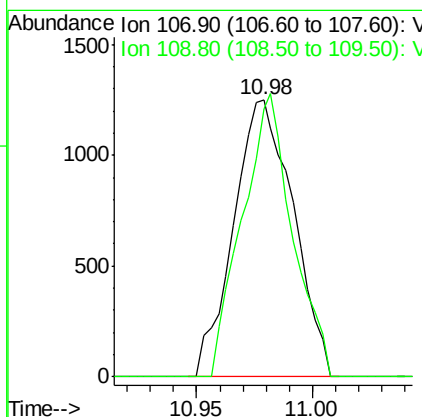
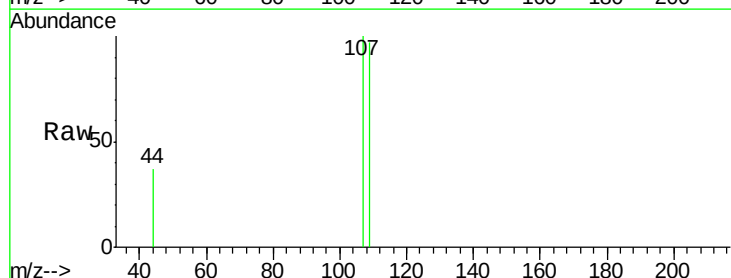
MMDadoda

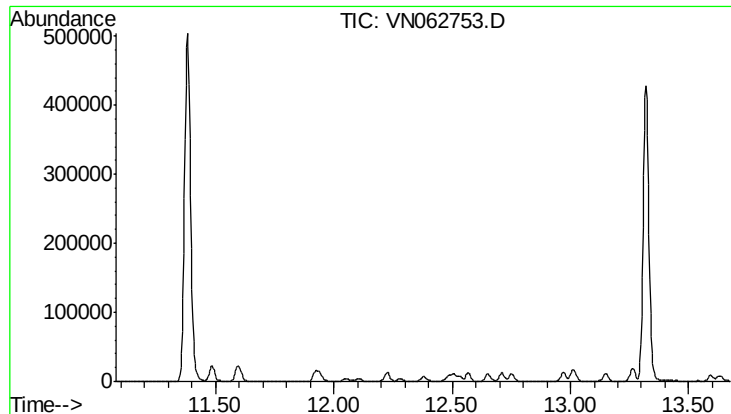
8/6/2020 1:51:40 PM



#61
1,2-Dibromoethane
Concen: 0.988 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion:107 Resp: 2231
Ion Ratio Lower Upper
107 100
109 86.2 76.1 114.1





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.38 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

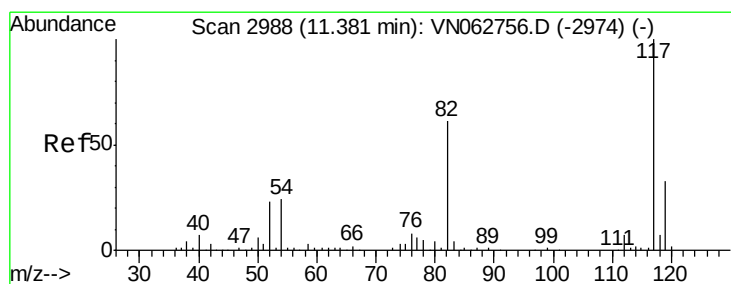
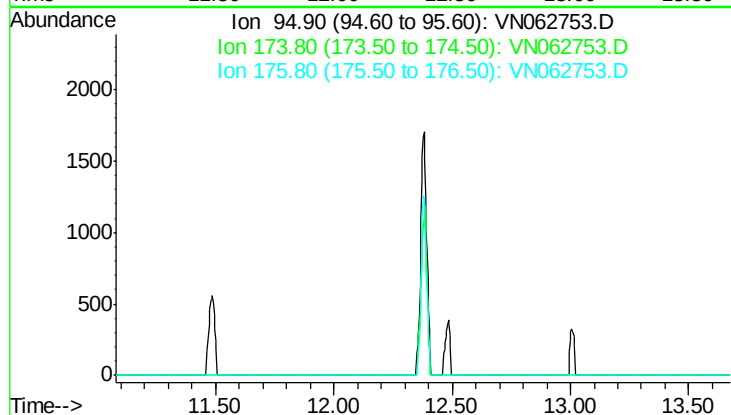
Tot Ion	95
Sig	Exp Ratio
95	100
174	72.4
176	71.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

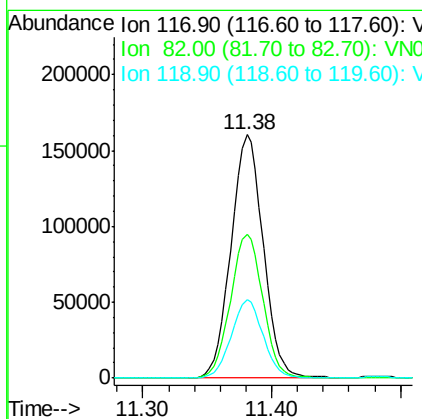
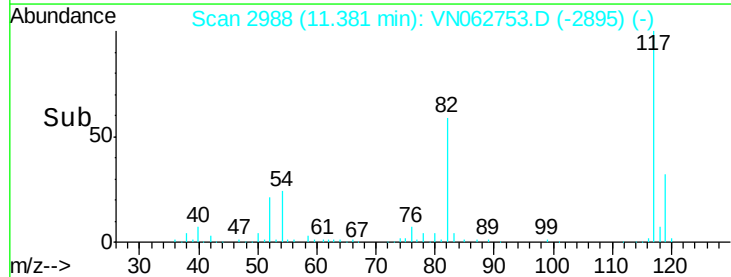
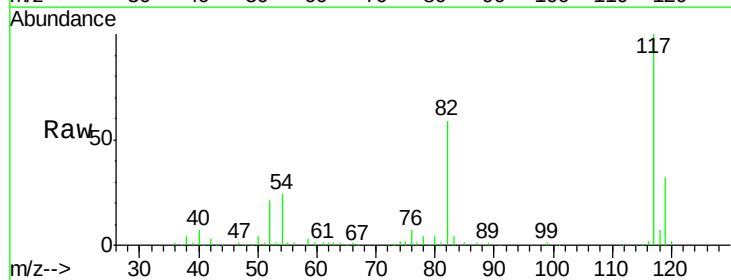
MMDadoda

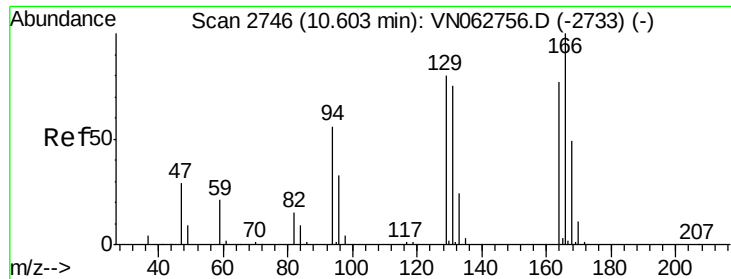
8/6/2020 1:51:40 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	117	Resp	278204
Ion	Ratio	Lower	Upper
117	100		
82	59.2	49.0	73.4
119	32.3	26.2	39.2





#64
Tetrachloroethene
Concen: 1.103 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

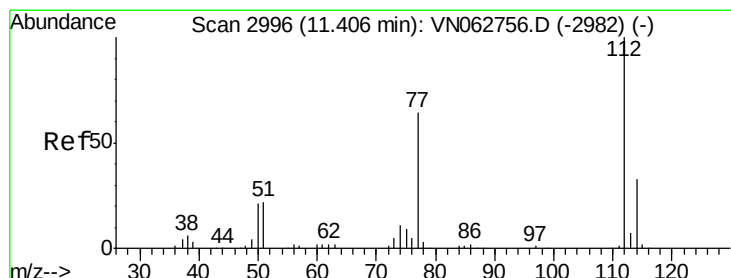
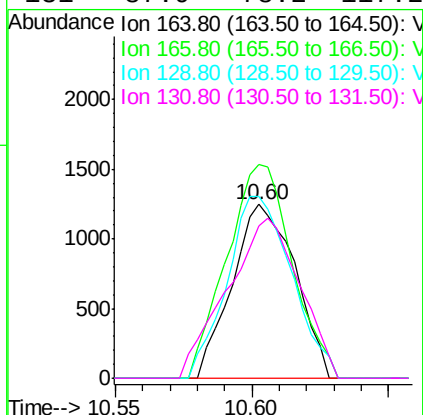
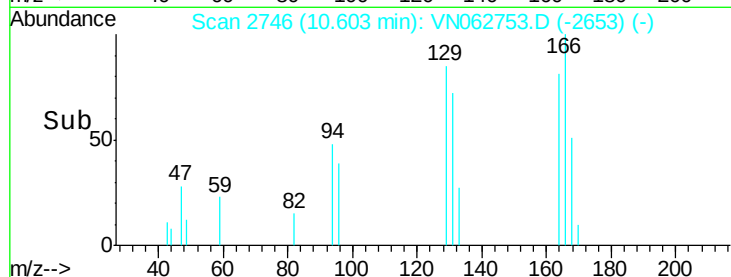
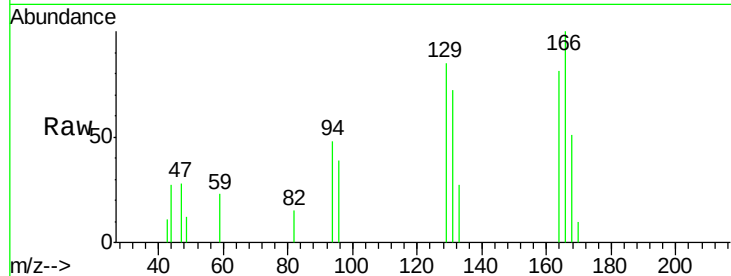
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.8	103.8	155.8
129	104.6	82.7	124.1
131	87.9	78.2	117.2

Manual Integrations
APPROVED

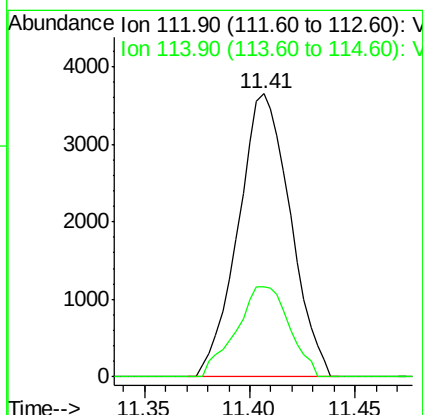
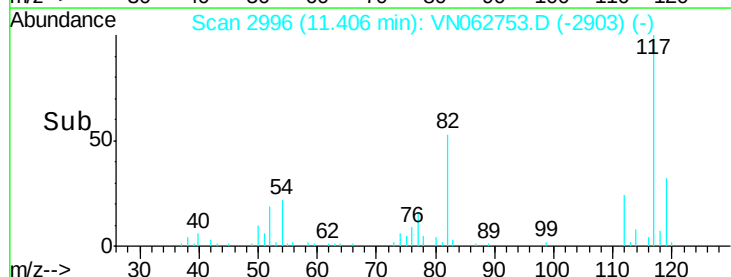
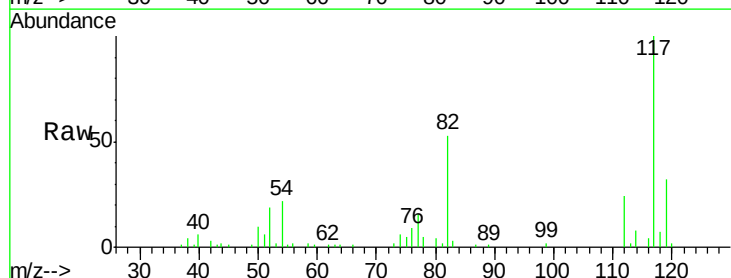
MMDadoda

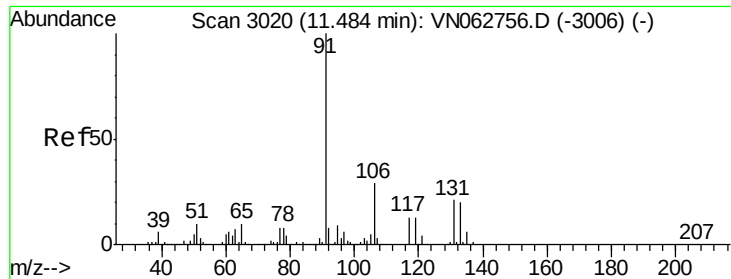
8/6/2020 1:51:40 PM



#65
Chlorobenzene
Concen: 1.078 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.4





#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.043 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

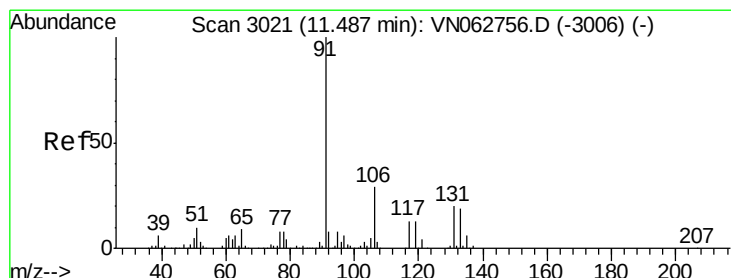
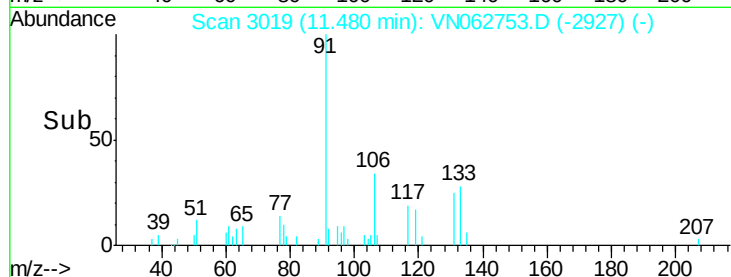
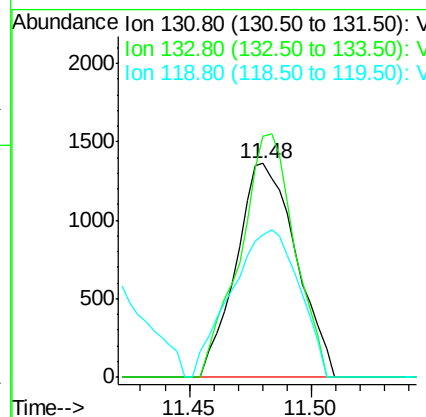
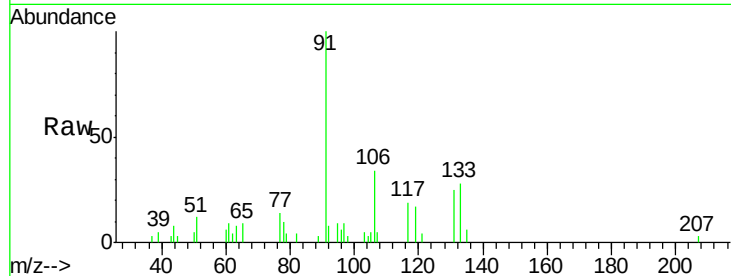
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	103.5	48.6	145.8
119	0.0	32.2	96.6#

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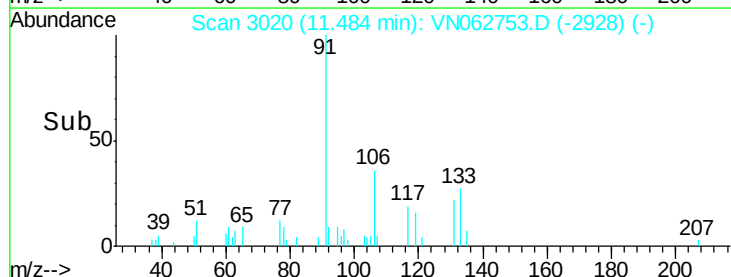
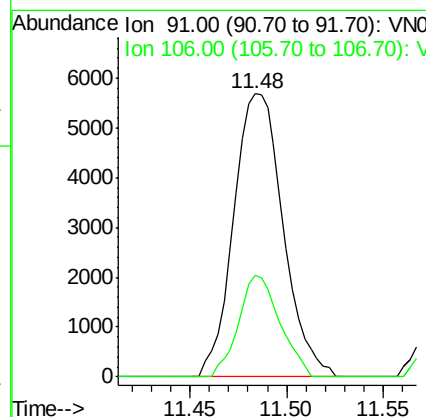
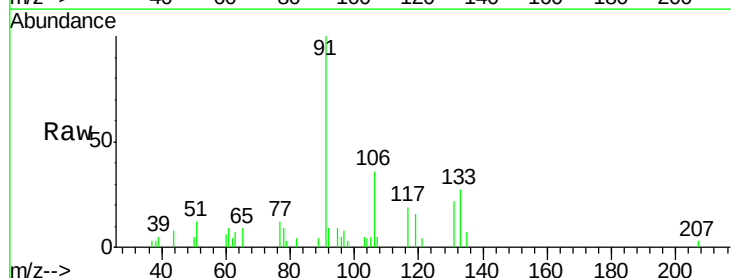
MMDadoda

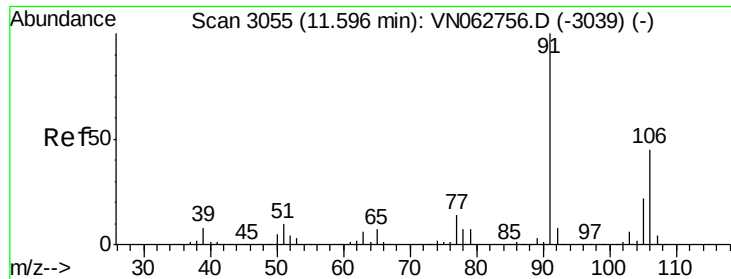
8/6/2020 1:51:40 PM



#67
 Ethyl Benzene
 Concen: 0.946 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	36.1	23.2	34.8#





#68
m/p-Xylenes
Concen: 1.869 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

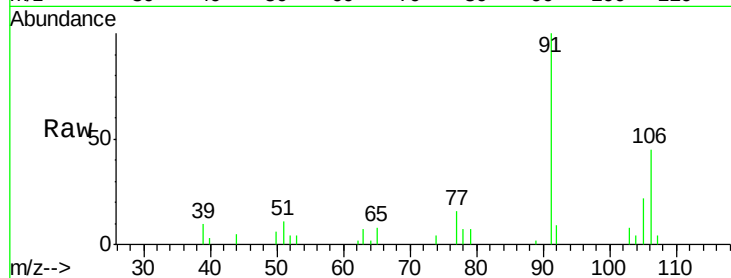
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 7180
Ion Ratio Lower Upper
106 100
91 213.6 175.9 263.9

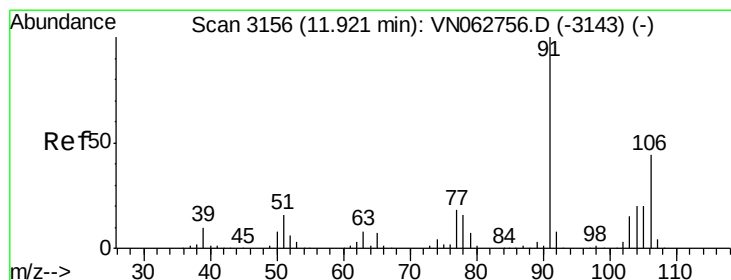
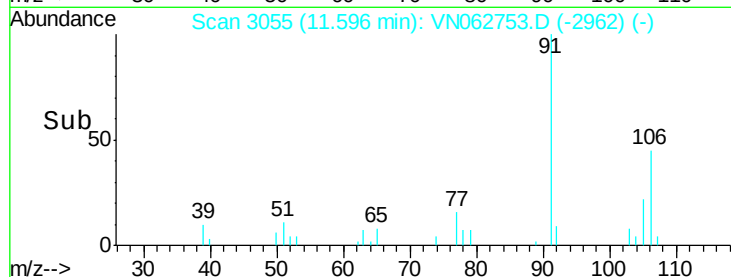
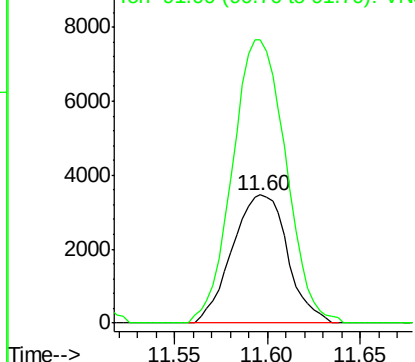
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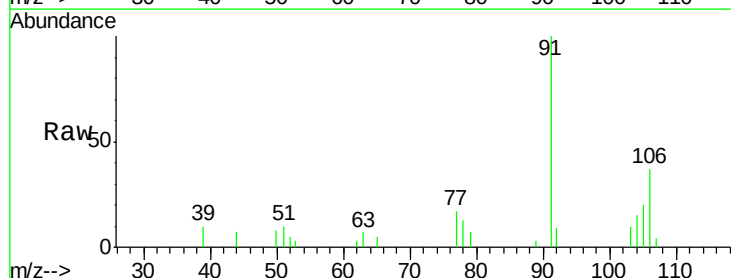


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

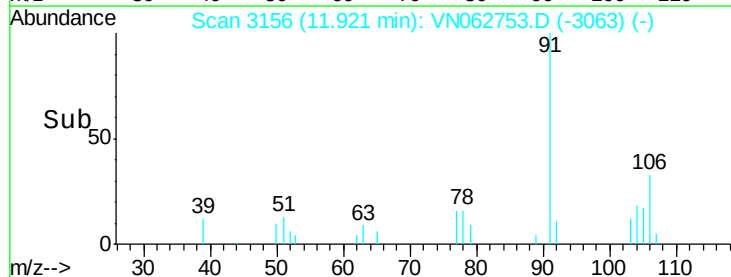
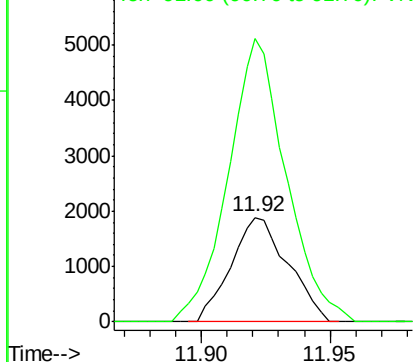


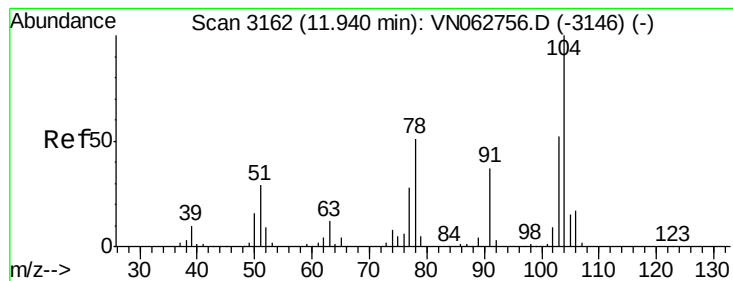
#69
o-Xylene
Concen: 0.793 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062753.D
Acq: 5 Aug 2020 11:02

Tgt Ion:106 Resp: 2899
Ion Ratio Lower Upper
106 100
91 276.1 115.8 347.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 0.824 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

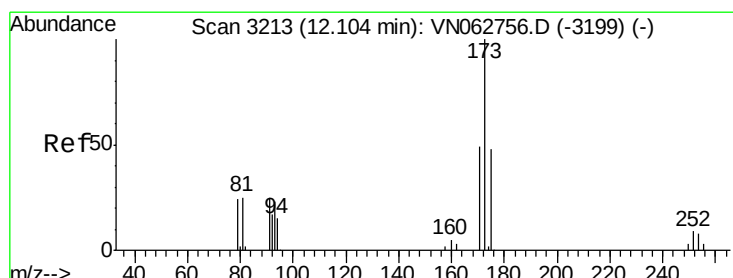
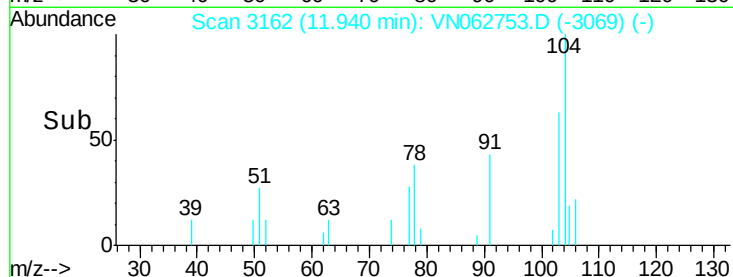
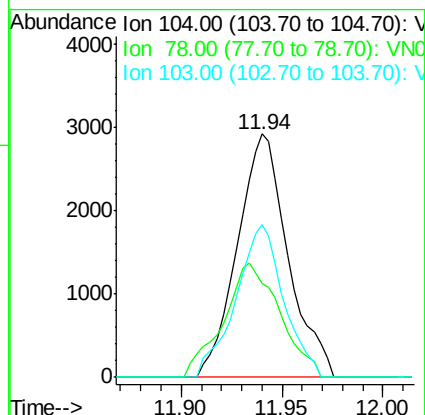
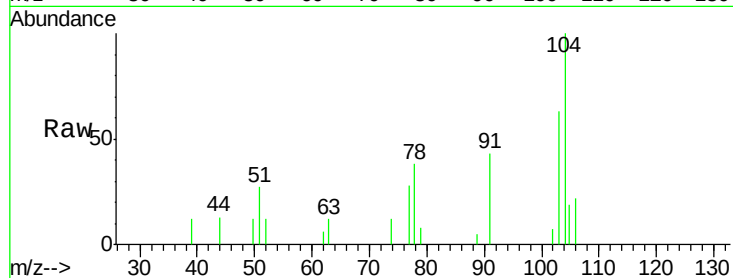
VSTDIC001

Tot Ion:	104	Resp:	5105
Ion Ratio	Lower	Upper	
104	100		
78	52.3	45.9	68.9
103	59.3	45.1	67.7

Manual Integrations
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#71

Bromoform

Concen: 1.199 ug/l

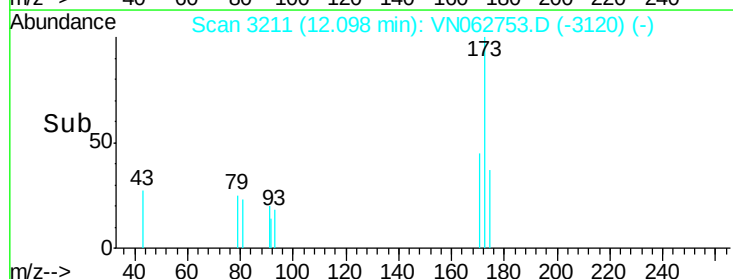
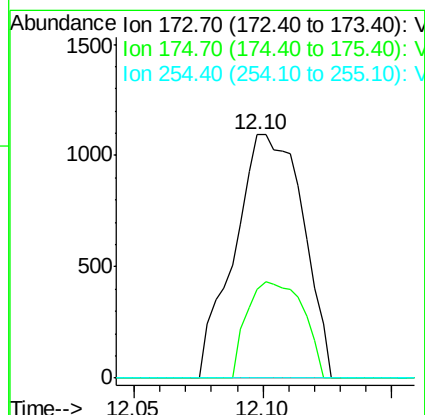
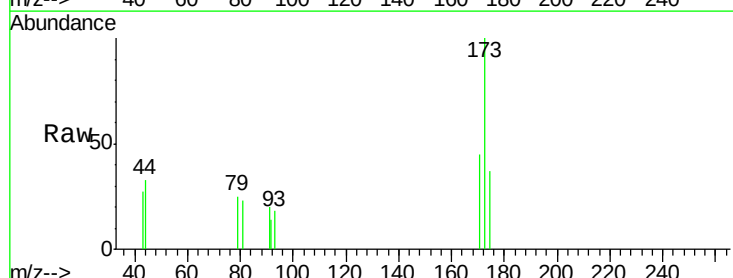
RT: 12.10 min Scan# 3211

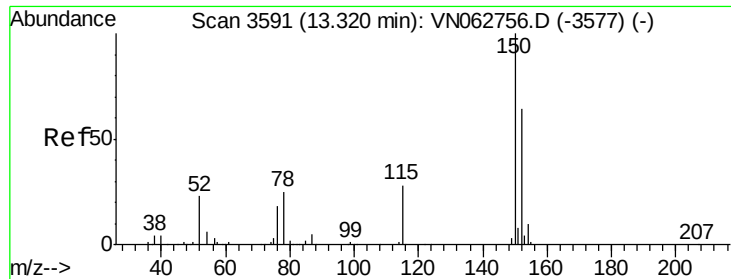
Delta R.T. -0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	173	Resp:	2025
Ion Ratio	Lower	Upper	
173	100		
175	32.5	24.0	72.0
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:152 Resp: 110835

Ion Ratio Lower Upper

152 100

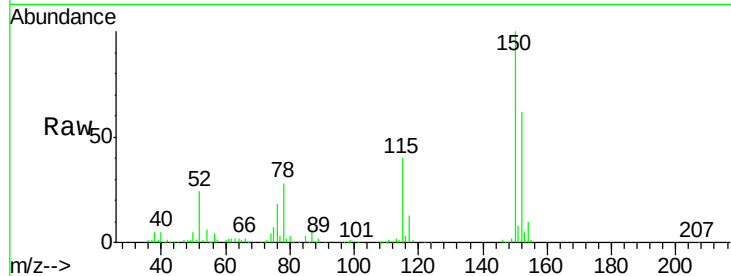
115 63.1 31.6 94.8

150 157.3 0.0 349.2

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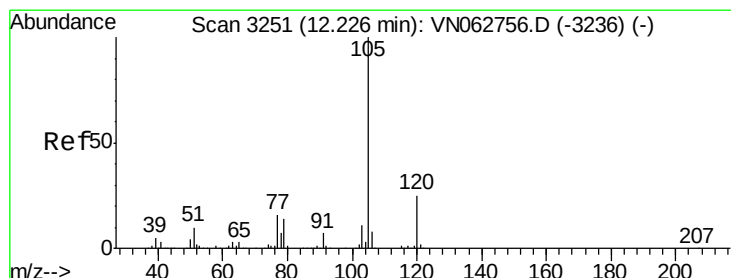
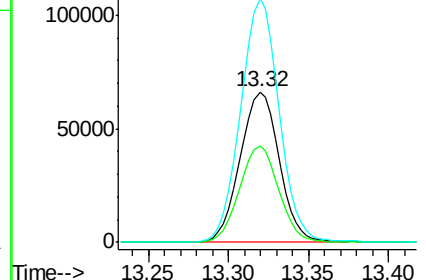
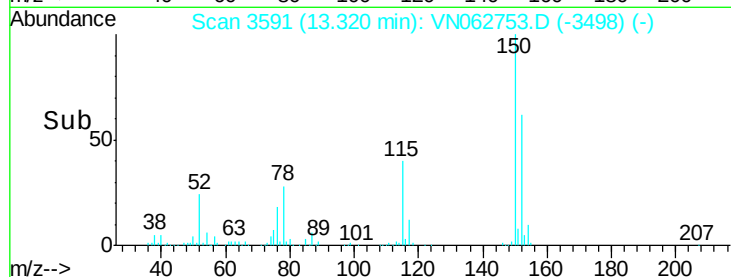
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.956 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062753.D

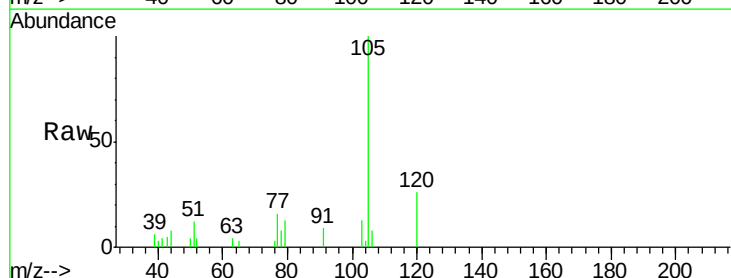
Acq: 5 Aug 2020 11:02

Tgt Ion:105 Resp: 8344

Ion Ratio Lower Upper

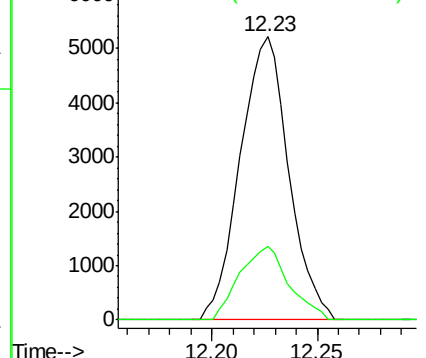
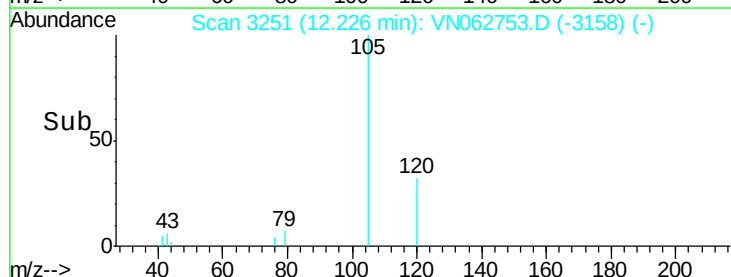
105 100

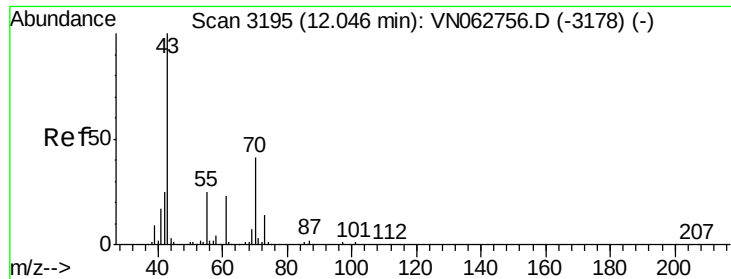
120 26.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.753 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

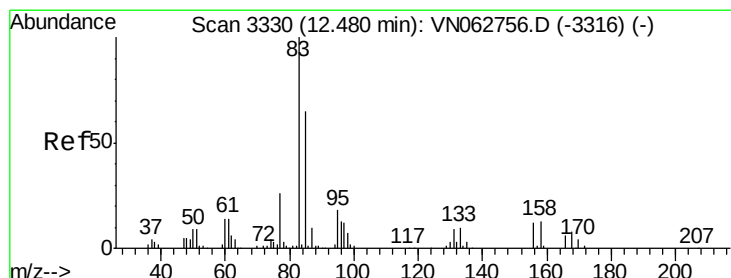
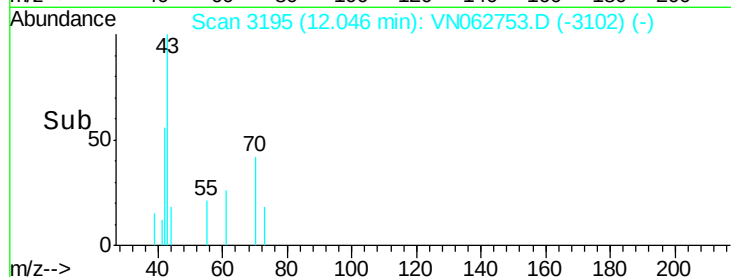
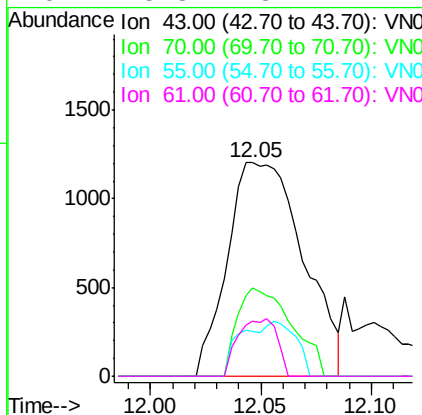
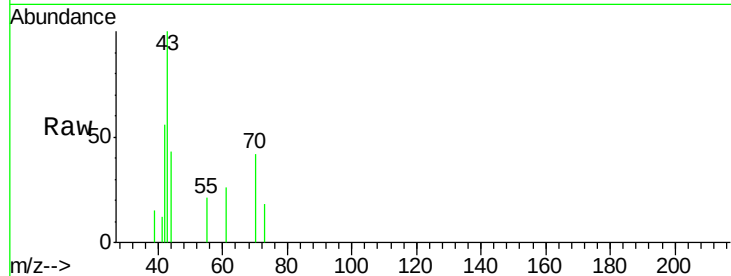
VSTDIC001

Tot Ion:	43	Resp:	2870
Ion	Ratio	Lower	Upper
43	100		
70	29.9	32.3	48.5#
55	18.4	20.2	30.2#
61	13.8	18.2	27.4#

Manual Integrations
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8/6/2020 1:51:40 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 1.184 ug/l

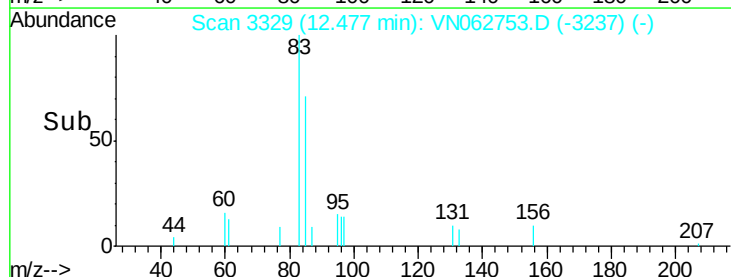
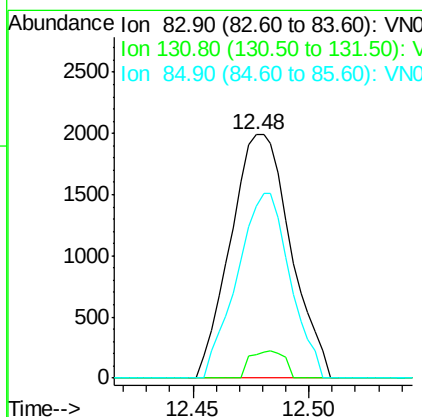
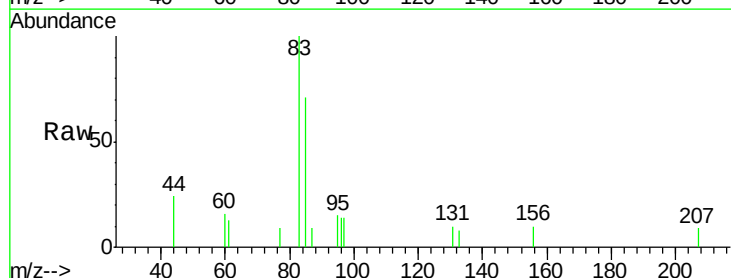
RT: 12.48 min Scan# 3329

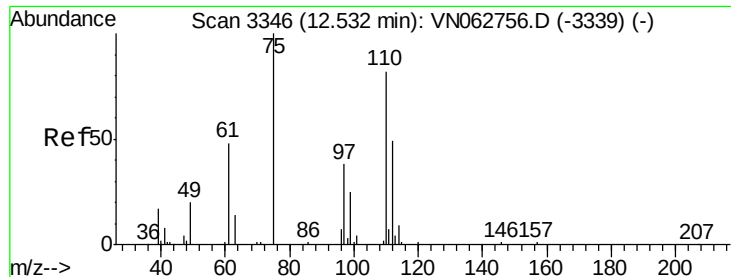
Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	83	Resp:	3578
Ion	Ratio	Lower	Upper
83	100		
131	6.3	5.1	15.4
85	67.0	31.9	95.9





#76
 1,2,3-Trichloropropane
 Concen: 1.214 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

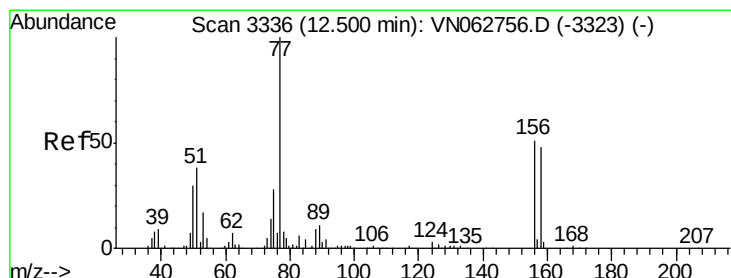
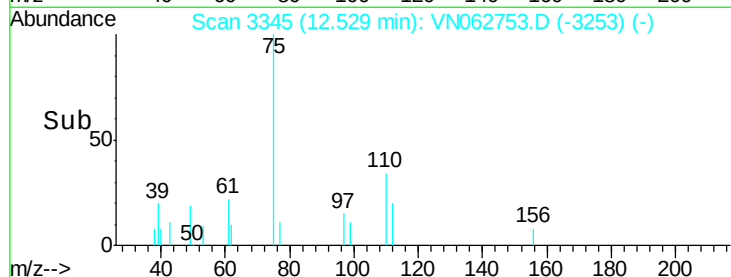
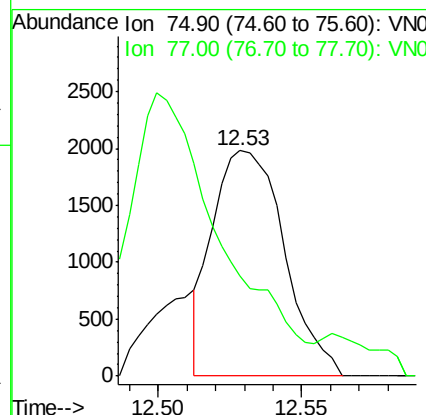
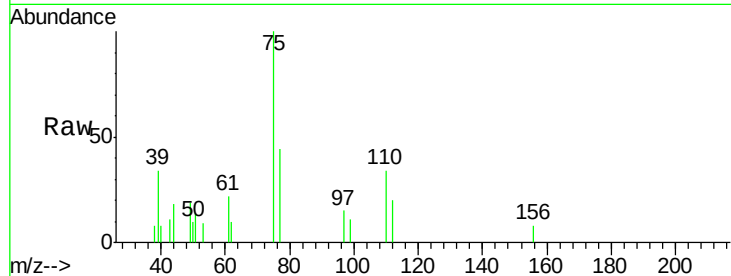
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

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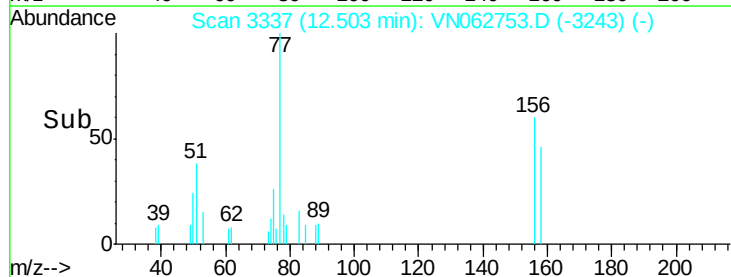
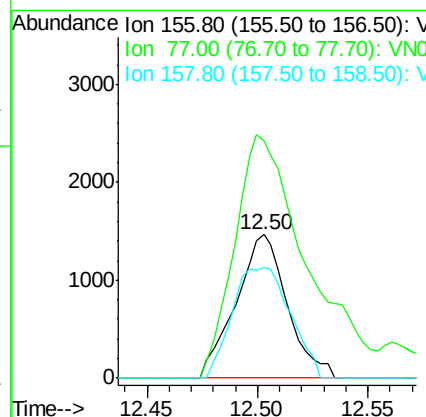
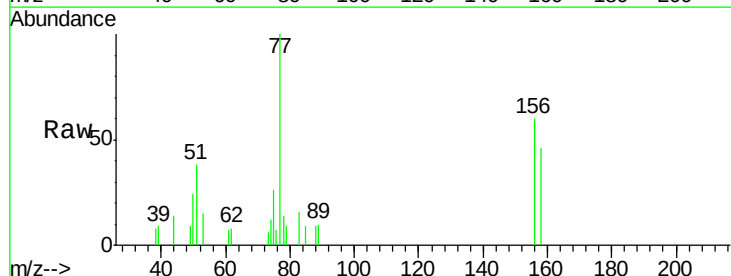
MMDadoda

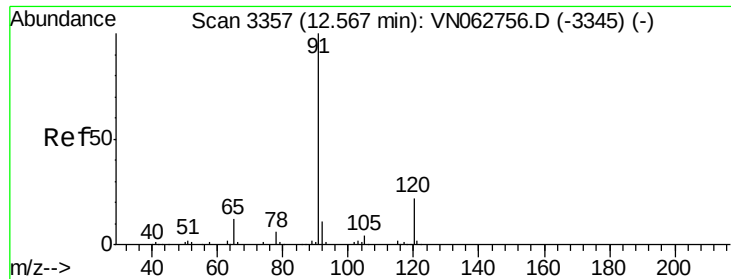
8/6/2020 1:51:40 PM



#77
 Bromobenzene
 Concen: 1.128 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	238.3	119.7	359.1
158	86.9	48.1	144.3





#78

n-propylbenzene

Concen: 0.956 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9753

Ion Ratio Lower Upper

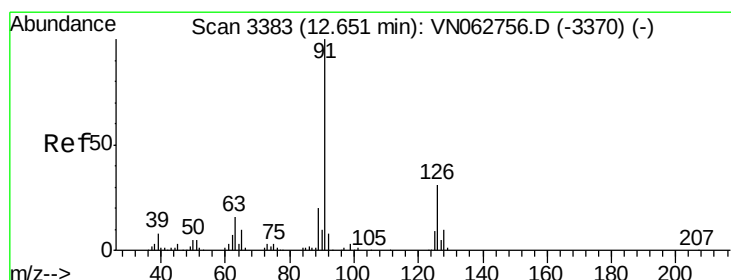
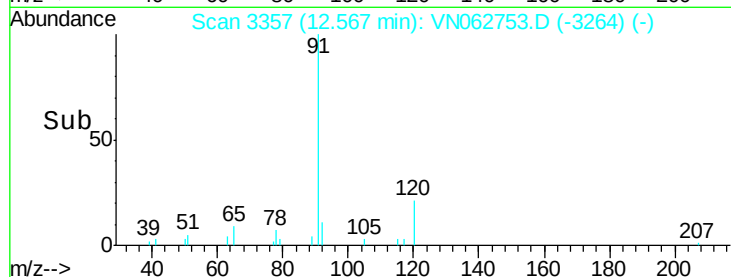
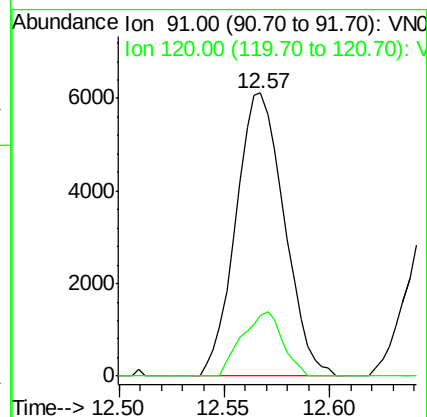
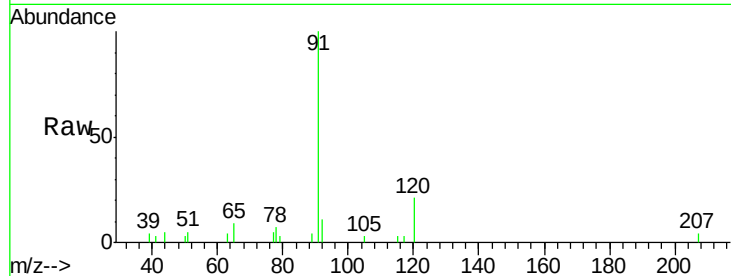
91 100

120 19.1 10.9 32.9

Manual Integrations
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8/6/2020 1:51:40 PM



#79

2-Chlorotoluene

Concen: 1.036 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062753.D

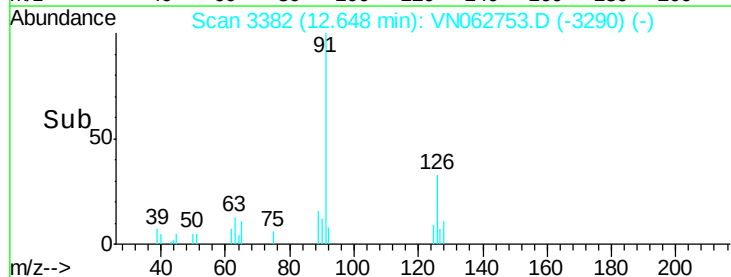
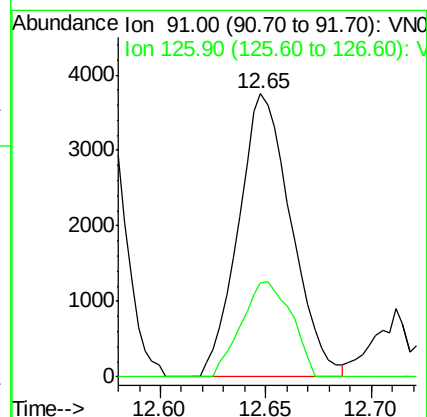
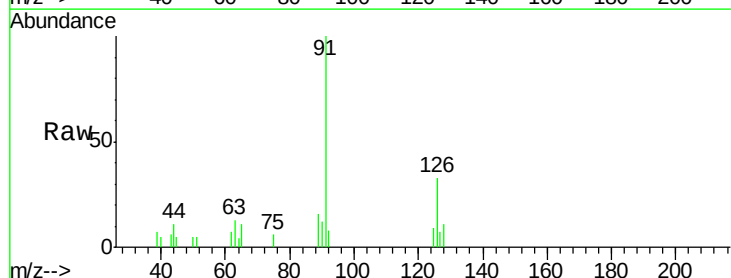
Acq: 5 Aug 2020 11:02

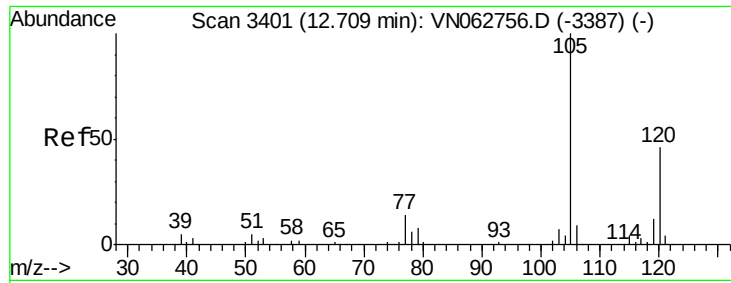
Tgt Ion: 91 Resp: 6528

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.7





#80
 1,3,5-Trimethylbenzene
 Concen: 0.937 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

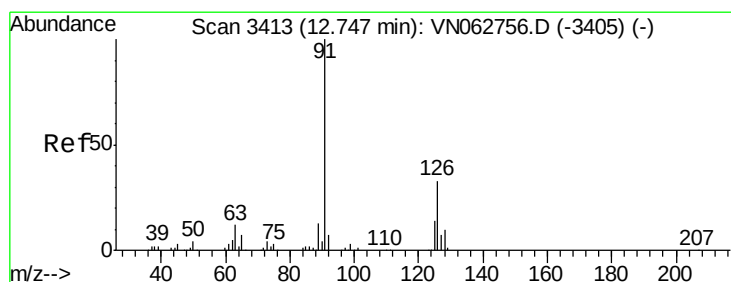
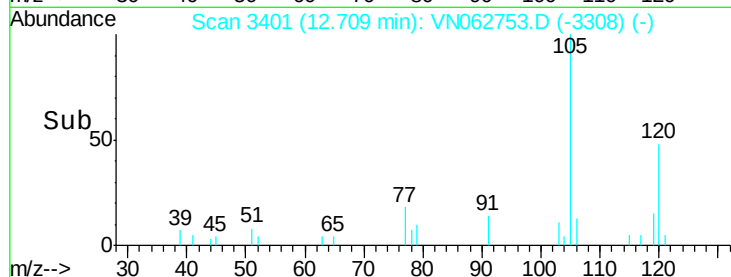
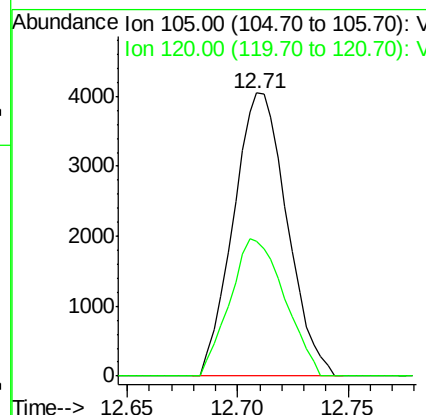
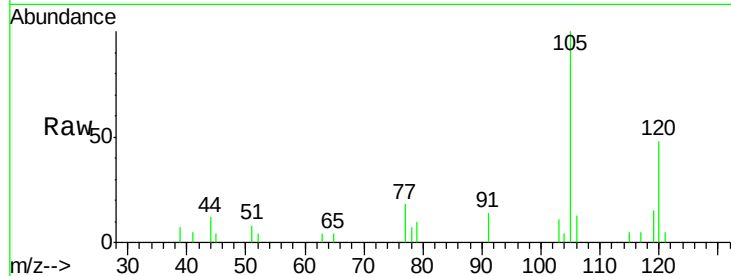
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 6811
 Ion Ratio Lower Upper
 105 100
 120 49.4 22.9 68.5

Manual Integrations
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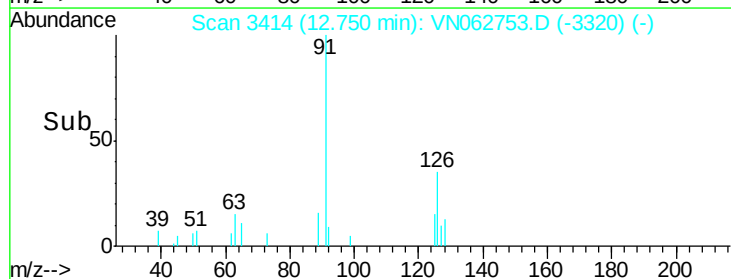
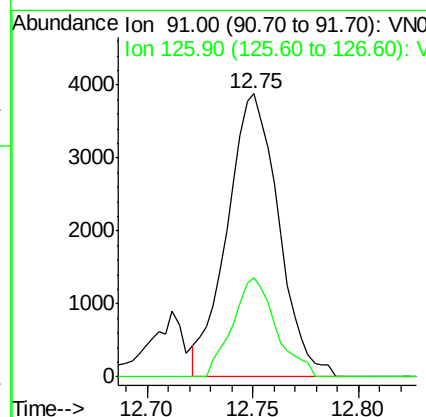
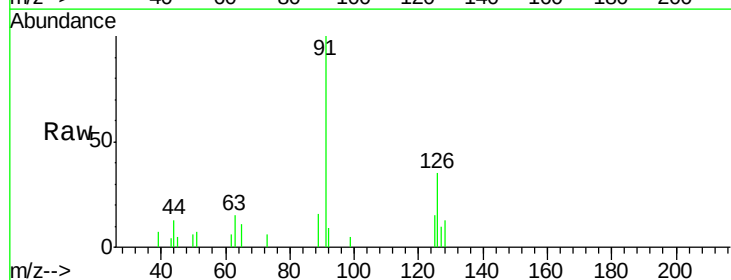
MMDadoda

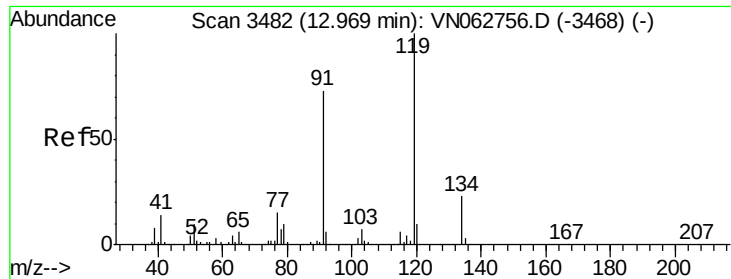
8/6/2020 1:51:40 PM



#82
 4-Chlorotoluene
 Concen: 0.998 ug/l
 RT: 12.75 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion: 91 Resp: 6554
 Ion Ratio Lower Upper
 91 100
 126 29.6 15.3 45.9





#83
 tert-Butylbenzene
 Concen: 0.980 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

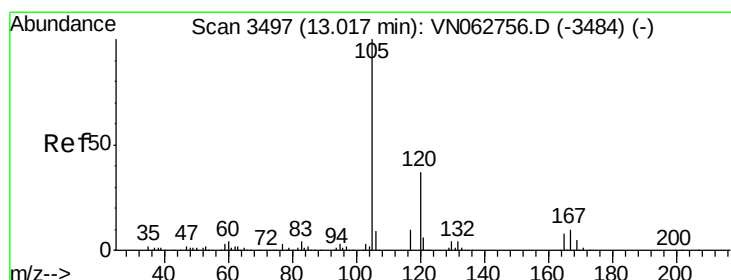
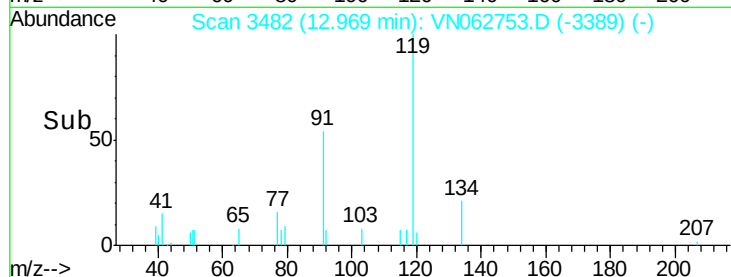
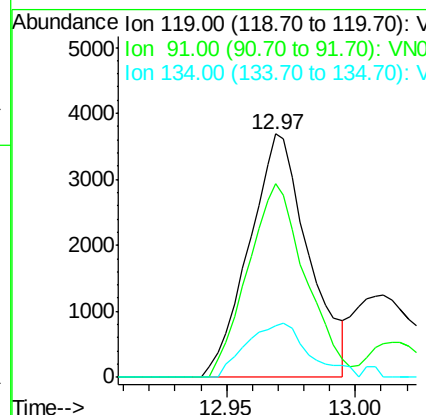
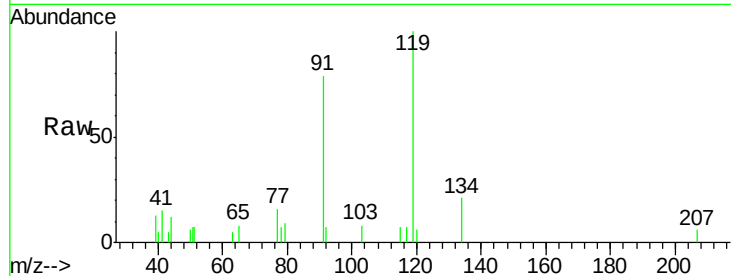
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	77.4	36.5	109.5
134	23.1	11.3	33.8

Manual Integrations
 APPROVED

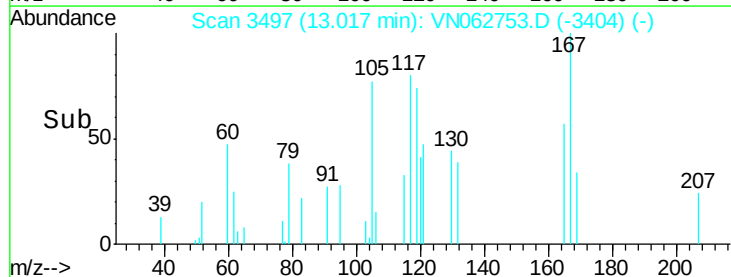
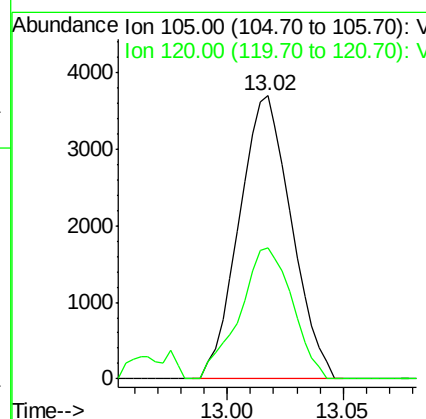
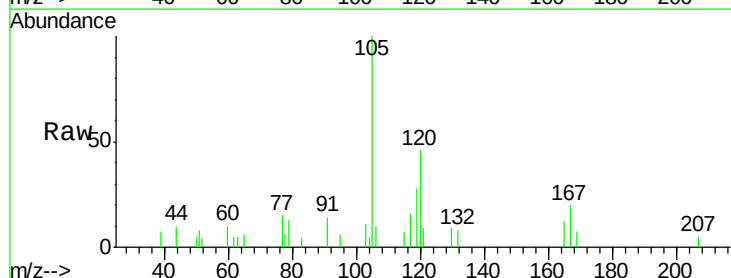
MMDadoda

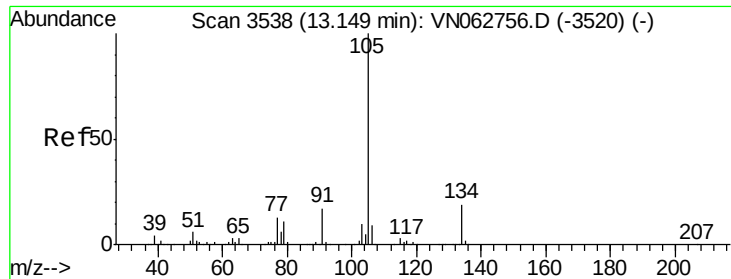
8/6/2020 1:51:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.811 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	21.4	64.2





#85

sec-Butylbenzene

Concen: 0.938 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 7595

Ion Ratio Lower Upper

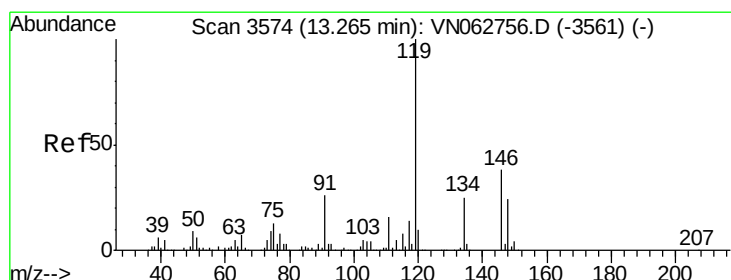
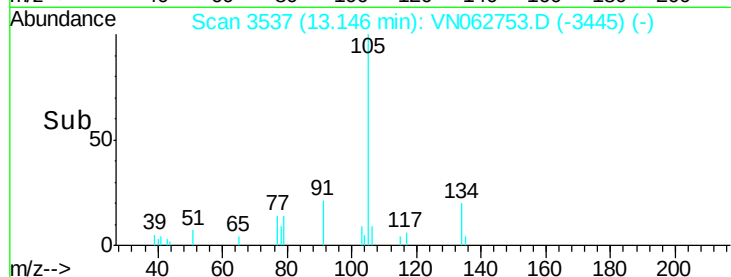
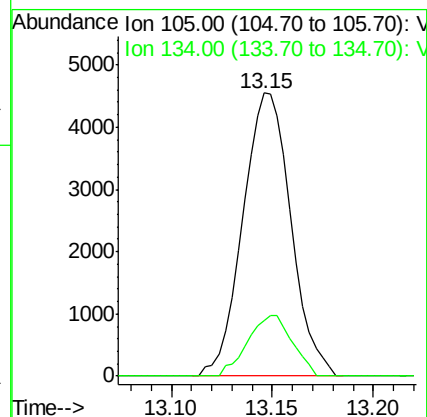
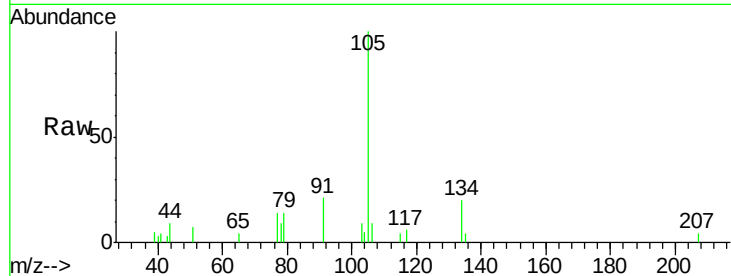
105 100

134 19.9 9.6 28.6

Manual Integrations
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8/6/2020 1:51:40 PM



#86

p-Isopropyltoluene

Concen: 0.909 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

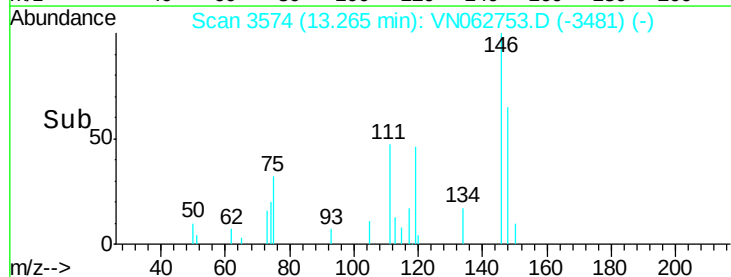
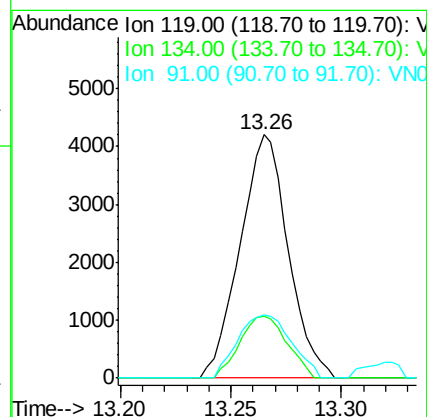
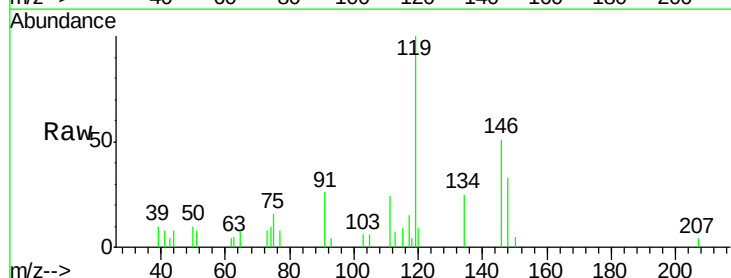
Tgt Ion:119 Resp: 6364

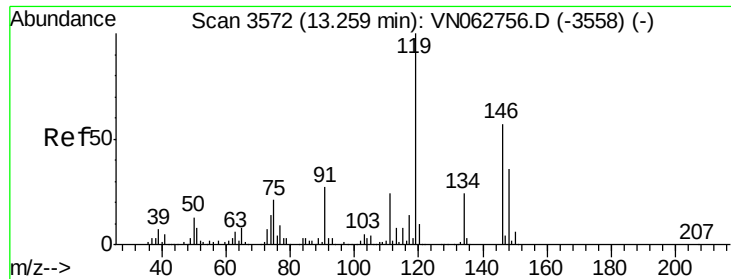
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 28.8 13.4 40.2





#87
 1,3-Dichlorobenzene
 Concen: 1.105 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

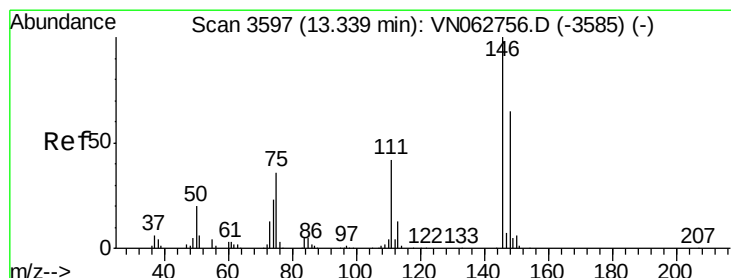
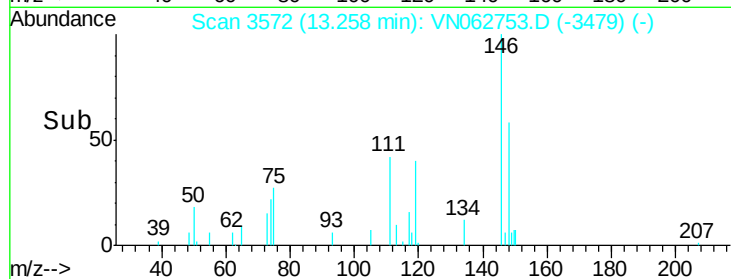
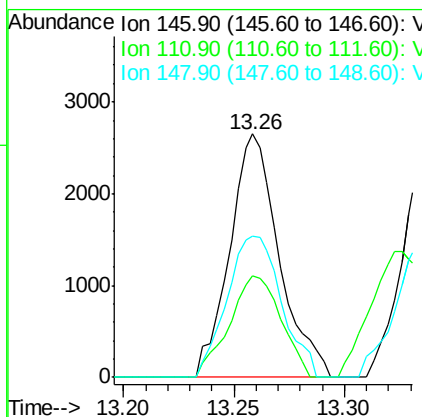
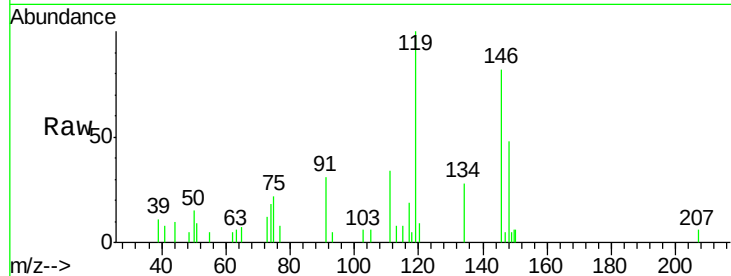
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	64.0	31.4	94.2

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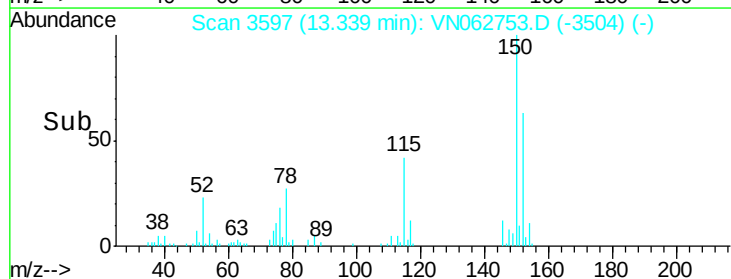
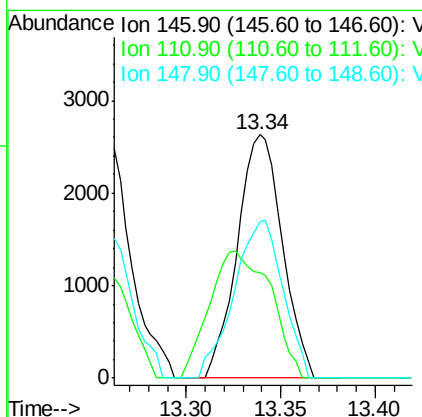
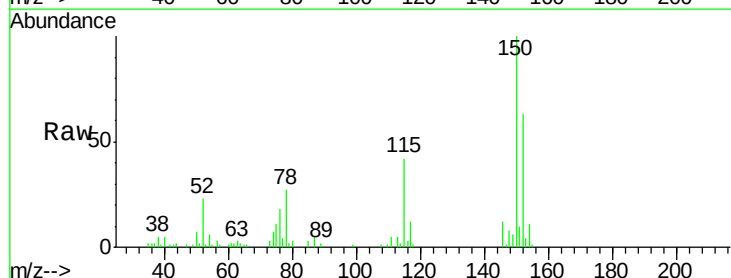
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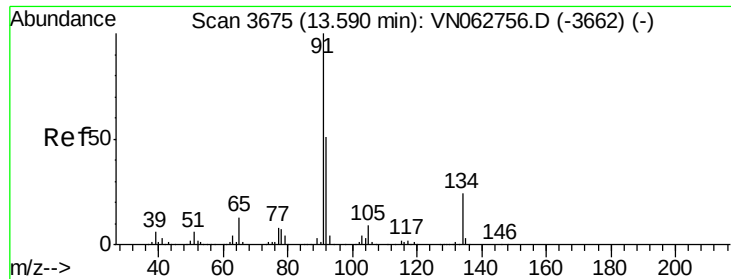
8/6/2020 1:51:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.192 ug/l m
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.6	64.6
148	60.5	32.6	97.8





#89

n-Butylbenzene

Concen: 0.920 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

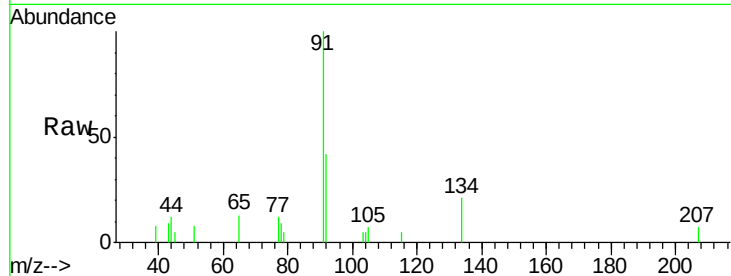
VSTDIC001

Tot Ion:	91	Resp:	5512
Ion	Ratio	Lower	Upper
91	100		
92	46.0	25.7	77.0
134	21.6	12.2	36.6

Manual Integrations
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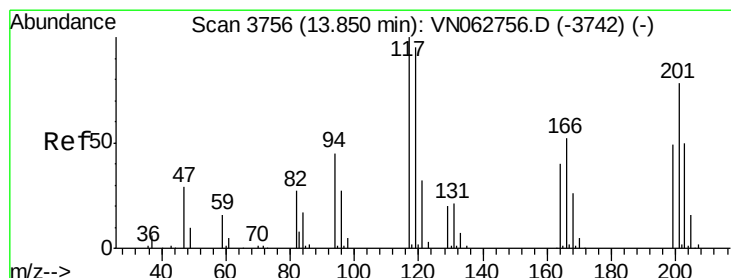
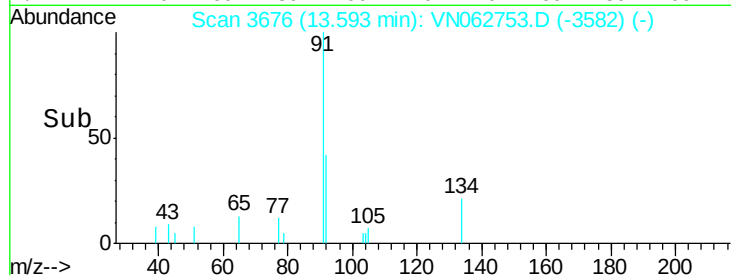
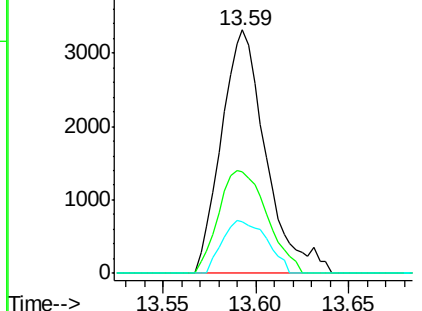
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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)



#90

Hexachloroethane

Concen: 1.169 ug/l

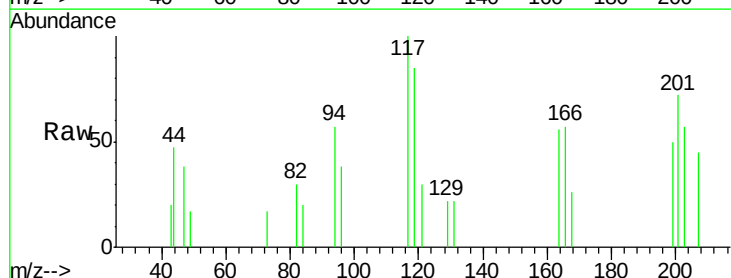
RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062753.D

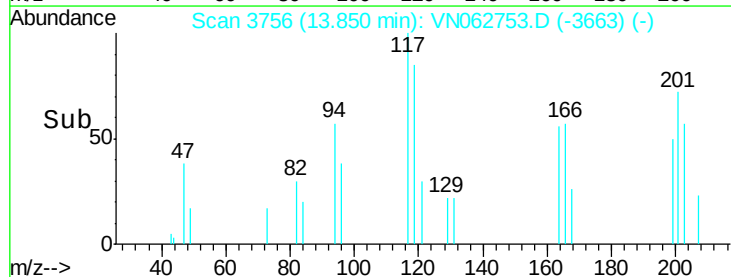
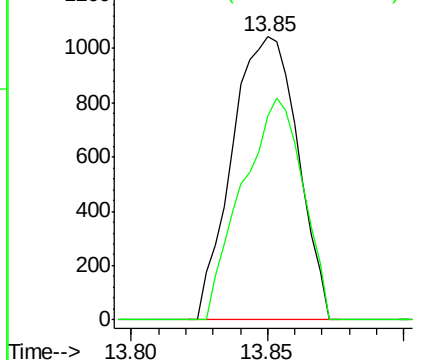
Acq: 5 Aug 2020 11:02

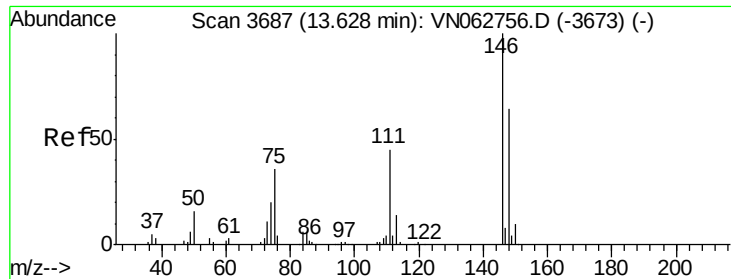
Tgt Ion:	117	Resp:	1743
Ion	Ratio	Lower	Upper
117	100		
201	72.6	39.2	117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)





#91
 1,2-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

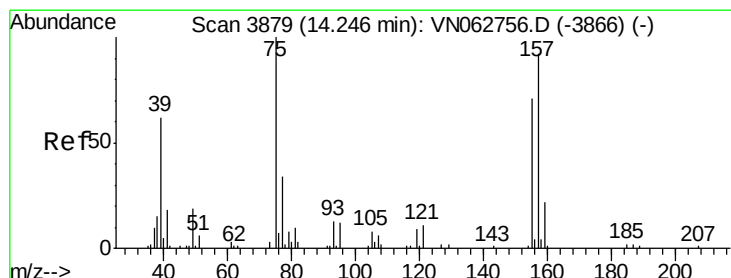
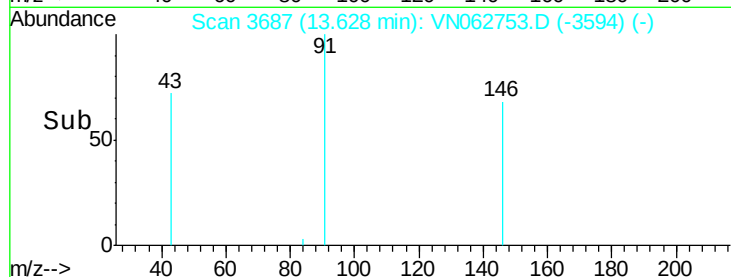
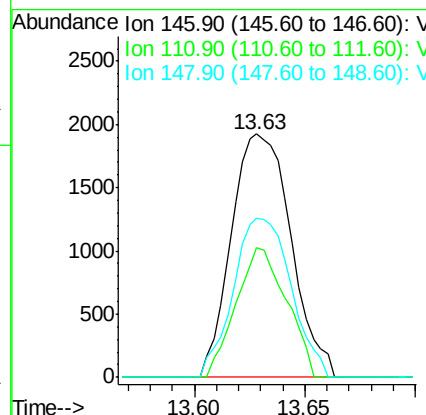
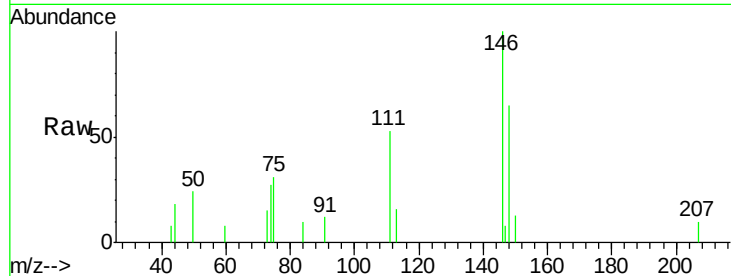
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.8	68.4
148	63.4	31.9	95.5

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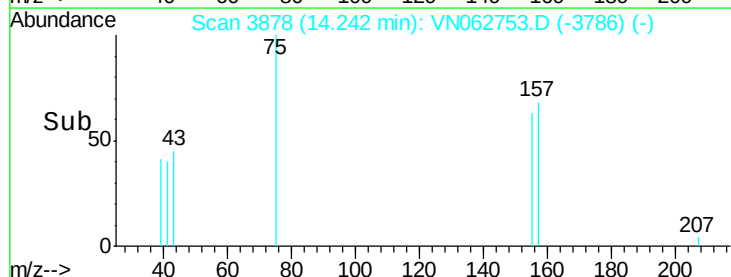
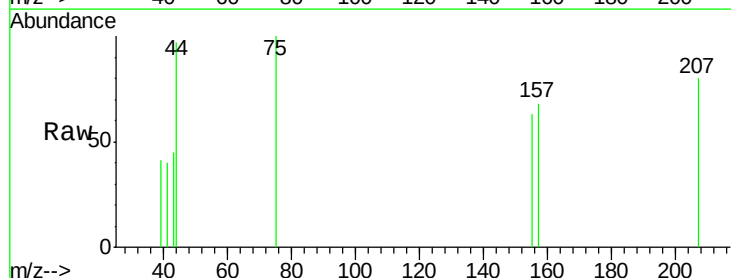
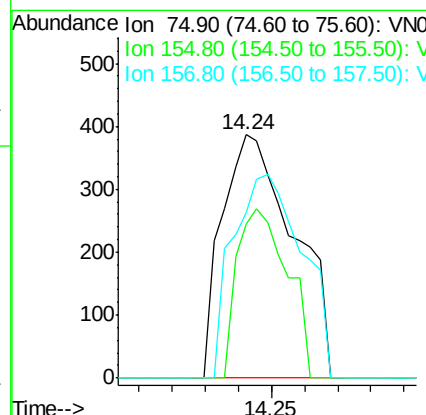
MMDadoda

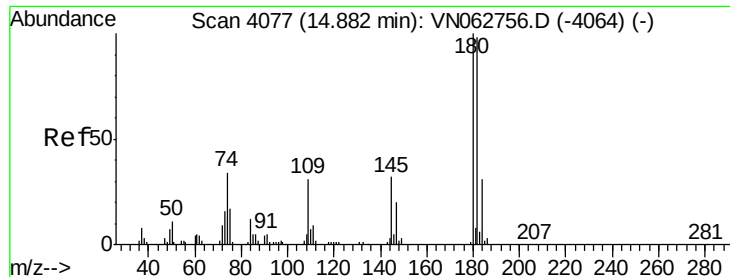
8/6/2020 1:51:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.027 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	48.4	35.0	105.1
157	80.5	43.2	129.6





#93
 1,2,4-Trichlorobenzene
 Concen: 0.876 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

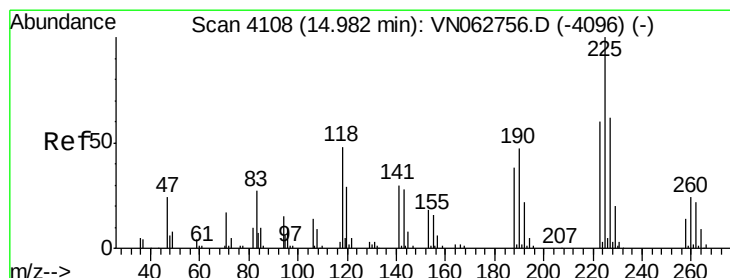
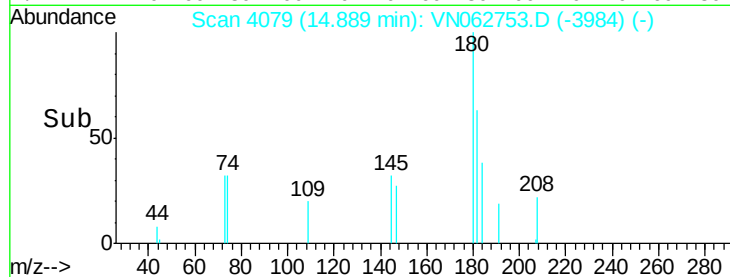
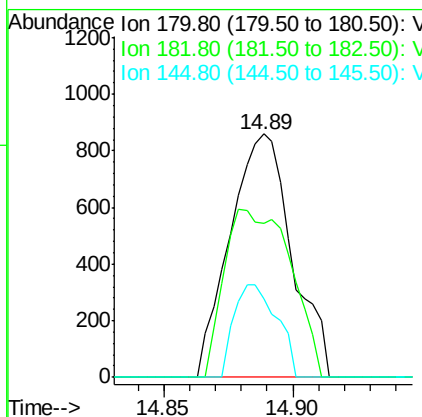
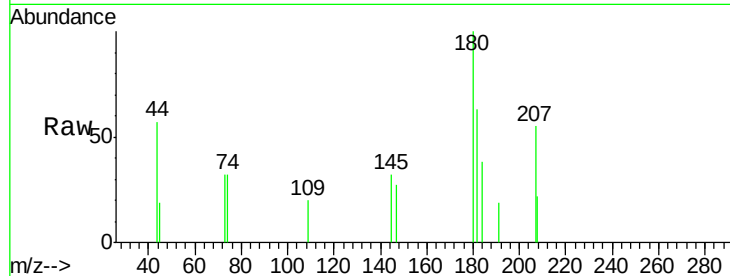
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:	180	Resp:	1435
Ion Ratio	Lower	Upper	
180	100		
182	74.3	49.1	147.4
145	26.3	16.3	48.8

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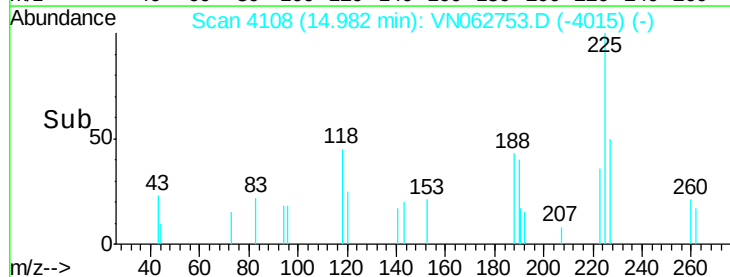
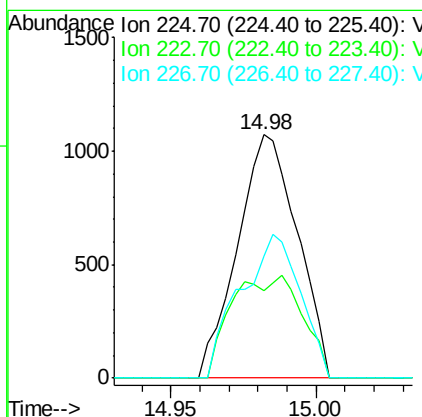
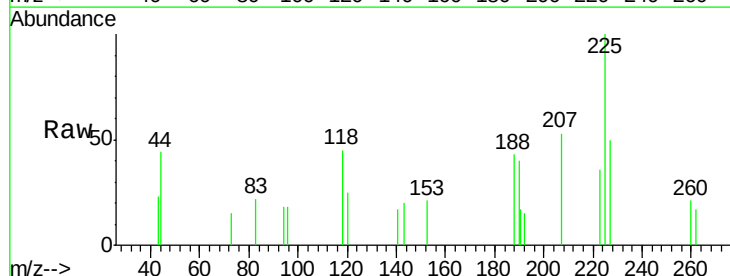
MMDadoda

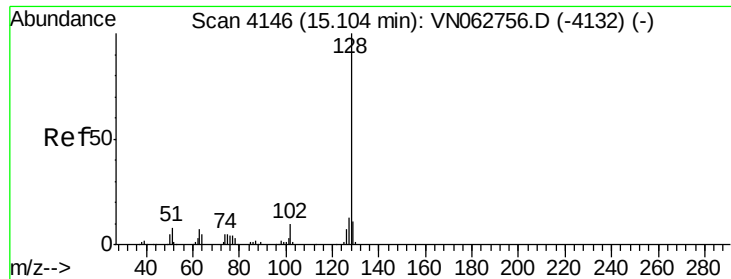
8/6/2020 1:51:40 PM



#94
 Hexachlorobutadiene
 Concen: 1.424 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062753.D
 Acq: 5 Aug 2020 11:02

Tgt Ion:	225	Resp:	1536
Ion Ratio	Lower	Upper	
225	100		
223	25.7	30.6	92.0#
227	59.4	31.6	95.0





#95

Naphthalene

Concen: 0.793 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

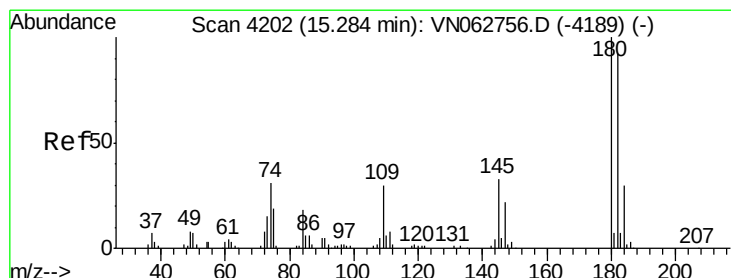
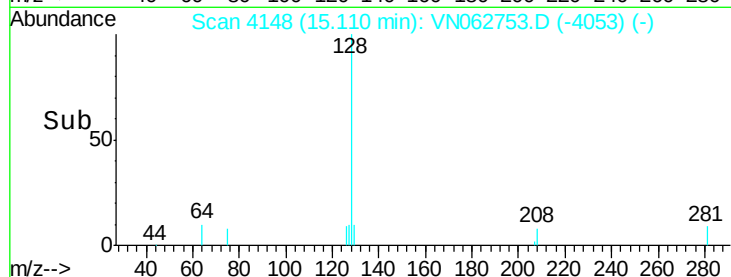
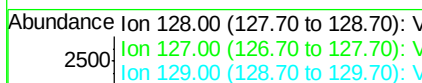
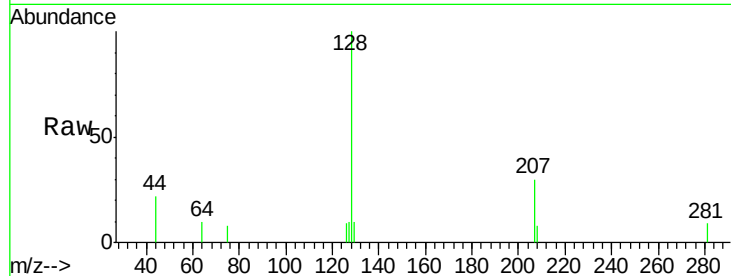
VSTDIC001

Tot Ion:	128	Resp:	3583
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.8	16.2#
129	6.0	8.8	13.2#

Manual Integrations
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8/6/2020 1:51:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 0.704 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN062753.D

Acq: 5 Aug 2020 11:02

Tgt Ion:	180	Resp:	1175
Ion	Ratio	Lower	Upper
180	100		
182	120.6	47.9	143.6
145	29.8	17.3	51.7

