

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062781.D
 Acq On : 7 Aug 2020 16:03
 Operator : JC/MD
 Sample : VN0807WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:36 PM

Quant Time: Aug 08 02:36:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	127724	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	7.55	113	88963	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.06	98	345725	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.38	95	124556	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	49346	20.400	ug/l	100
3) Chloromethane	2.03	50	52390	22.952	ug/l	96
4) Vinyl Chloride	2.16	62	50302	23.495	ug/l	98
5) Bromomethane	2.52	94	27903	19.688	ug/l	97
6) Chloroethane	2.66	64	29400	20.874	ug/l	99
7) Trichlorofluoromethane	2.98	101	74015	19.388	ug/l	98
8) Diethyl Ether	3.37	74	19946	18.251	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32812	20.798	ug/l	95
10) Methyl Iodide	3.91	142	36667	19.816	ug/l	97
11) Tert butyl alcohol	4.75	59	41470	90.578	ug/l	98
12) 1,1-Dichloroethene	3.69	96	28058	18.774	ug/l	98
13) Acrolein	3.57	56	17673	63.754	ug/l	97
14) Allyl chloride	4.27	41	54337	18.373	ug/l	95
15) Acrylonitrile	4.93	53	101024	95.135	ug/l	100
16) Acetone	3.78	43	87315	86.504	ug/l	99
17) Carbon Disulfide	4.01	76	77592	18.411	ug/l	98
18) Methyl Acetate	4.28	43	49404	20.017	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	121853	18.619	ug/l	97
20) Methylene Chloride	4.50	84	37374	19.773	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31149	18.427	ug/l	98
22) Diisopropyl ether	5.90	45	124782	19.820	ug/l	93
23) Vinyl Acetate	5.84	43	427942	89.365	ug/l	99
24) 1,1-Dichloroethane	5.80	63	68378	18.533	ug/l	99
25) 2-Butanone	6.79	43	131118	91.718	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55041	16.184	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	37338	18.413	ug/l	97
28) Bromochloromethane	7.15	49	34117	19.160	ug/l	99
29) Tetrahydrofuran	7.17	42	88190	94.956	ug/l	100
30) Chloroform	7.33	83	73771	18.815	ug/l	98
31) Cyclohexane	7.62	56	64753	19.119	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	62437	17.810	ug/l	96
36) 1,1-Dichloropropene	7.75	75	47557	18.033	ug/l	98
37) Ethyl Acetate	6.88	43	49501	17.969	ug/l	99
38) Carbon Tetrachloride	7.73	117	56488	18.111	ug/l	95

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58747	18.511	ug/l	99
40) Benzene	8.00	78	145662	18.510	ug/l	96
41) Methacrylonitrile	7.13	41	23589	18.976	ug/l #	66
42) 1,2-Dichloroethane	8.08	62	60772	18.144	ug/l	99
43) Isopropyl Acetate	8.13	43	82161	17.881	ug/l	98
44) Trichloroethene	8.80	130	35128	18.322	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41129	19.311	ug/l	95
46) Dibromomethane	9.17	93	26775	19.187	ug/l	100
47) Bromodichloromethane	9.37	83	59159	18.875	ug/l	100
48) Methyl methacrylate	9.17	41	40805	18.055	ug/l	100
49) 1,4-Dioxane	9.17	88	15438	368.647	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	282178	94.915	ug/l	98
52) Toluene	10.13	92	91505	18.833	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	61058	17.710	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	64268	18.567	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	38714	18.656	ug/l	96
56) Ethyl methacrylate	10.40	69	56301	18.025	ug/l	96
57) 1,3-Dichloropropane	10.68	76	67896	19.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69377	78.579	ug/l	100
59) 2-Hexanone	10.72	43	201811	91.002	ug/l	99
60) Dibromochloromethane	10.87	129	43371	18.315	ug/l	98
61) 1,2-Dibromoethane	10.98	107	39392	19.238	ug/l	98
64) Tetrachloroethene	10.60	164	31041	18.954	ug/l	99
65) Chlorobenzene	11.41	112	97555	18.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	40531	19.022	ug/l	97
67) Ethyl Benzene	11.49	91	174772	18.407	ug/l	100
68) m/p-Xylenes	11.60	106	130685	37.916	ug/l	95
69) o-Xylene	11.92	106	61463	19.029	ug/l	100
70) Styrene	11.94	104	108275	19.071	ug/l	98
71) Bromoform	12.10	173	30342	17.404	ug/l #	96
73) Isopropylbenzene	12.23	105	171221	19.038	ug/l	98
74) N-amyl acetate	12.05	43	70563	19.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	60611	19.145	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	59555m	18.489	ug/l	
77) Bromobenzene	12.50	156	41888	18.745	ug/l	95
78) n-propylbenzene	12.57	91	199274	18.876	ug/l	100
79) 2-Chlorotoluene	12.65	91	124345	18.782	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	153554	19.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	19345	18.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	124773	18.289	ug/l	96
83) tert-Butylbenzene	12.97	119	124856	18.912	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	147073	19.703	ug/l	99
85) sec-Butylbenzene	13.15	105	167033	19.266	ug/l	100
86) p-Isopropyltoluene	13.26	119	149672	19.449	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	73893	18.510	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	73503	18.357	ug/l	99
89) n-Butylbenzene	13.59	91	118436	18.197	ug/l	99
90) Hexachloroethane	13.85	117	29432	17.743	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	72769	19.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12358	18.182	ug/l	95

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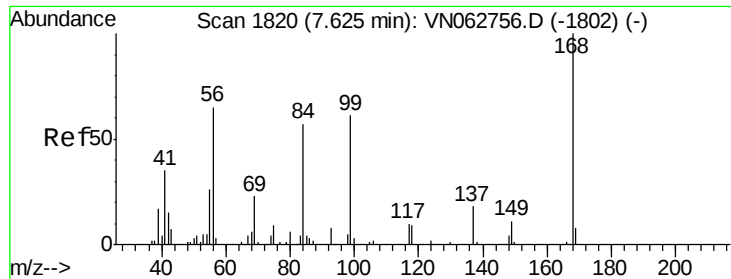
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	31953	18.163	ug/l	97
94) Hexachlorobutadiene	14.98	225	22674	18.266	ug/l	99
95) Naphthalene	15.10	128	83039	17.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	32963	18.467	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion:168 Resp: 168921

Ion Ratio Lower Upper

168 100

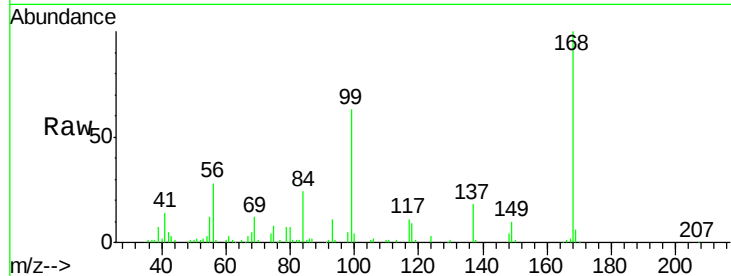
99 62.2 52.9 79.3

Manual Integrations

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8/10/2020 12:24:36 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

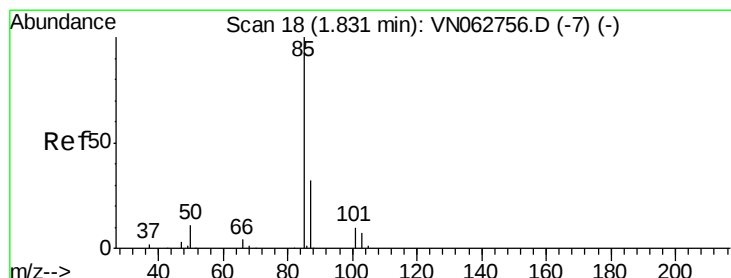
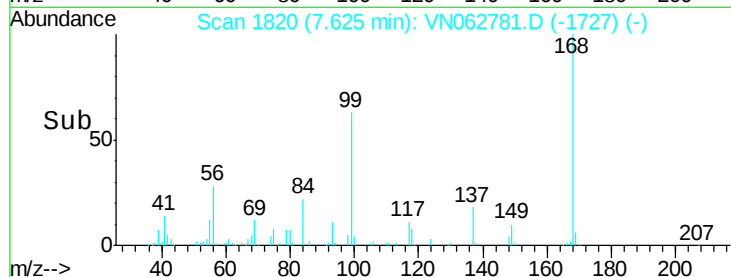
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.400 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062781.D

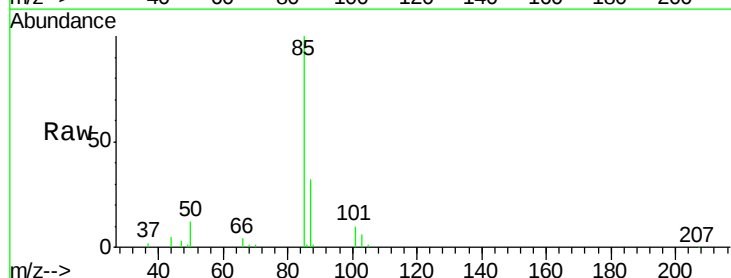
Acq: 7 Aug 2020 16:03

Tgt Ion: 85 Resp: 49346

Ion Ratio Lower Upper

85 100

87 32.3 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

40000

30000

20000

10000

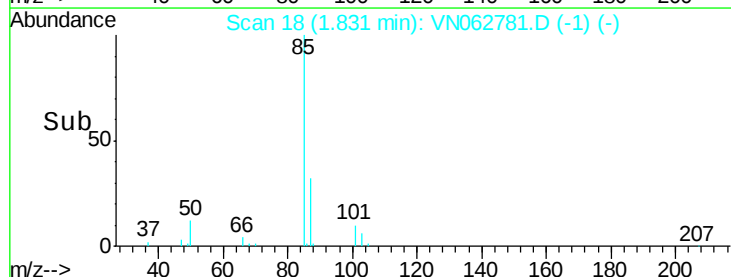
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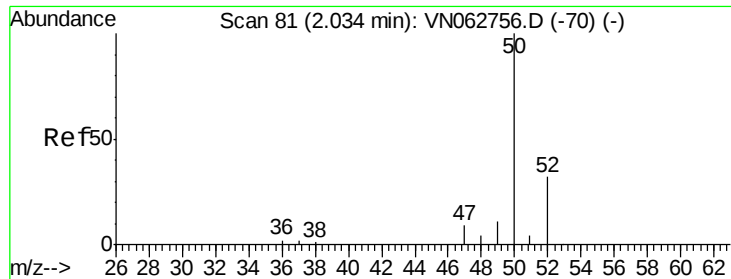
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 22.952 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 50 Resp: 52390

Ion Ratio Lower Upper

50 100

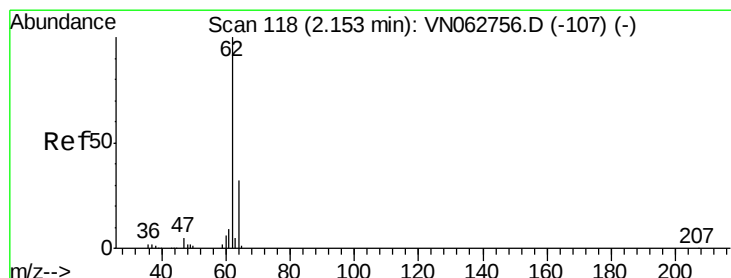
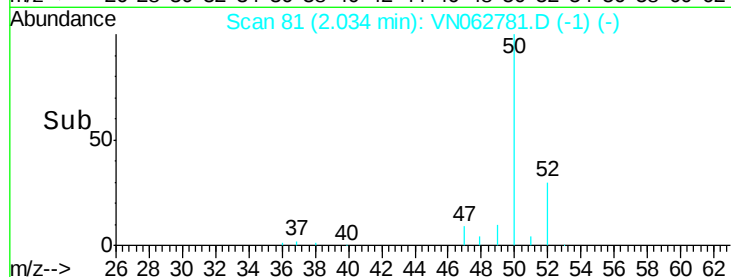
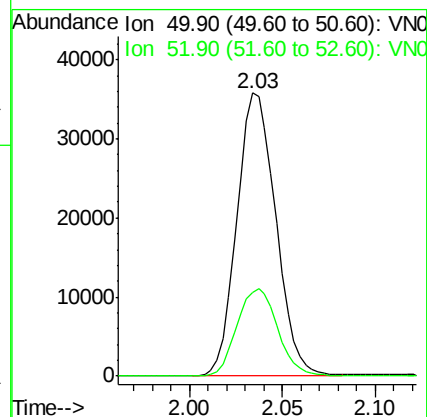
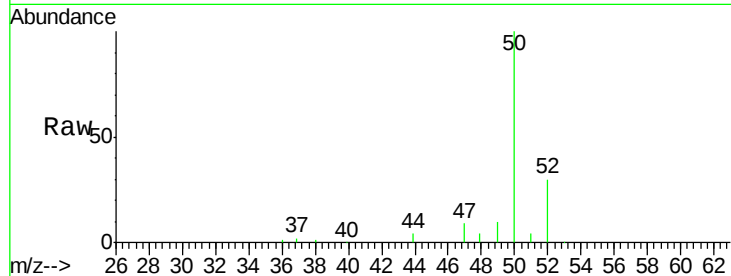
52 29.8 25.6 38.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 23.495 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062781.D

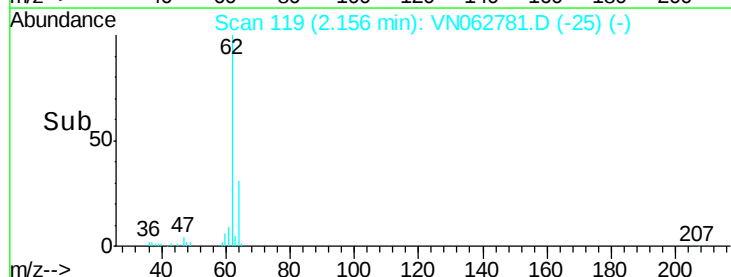
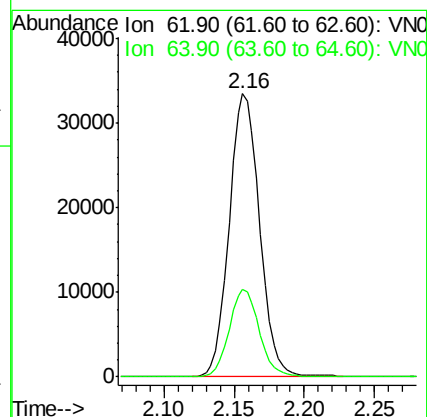
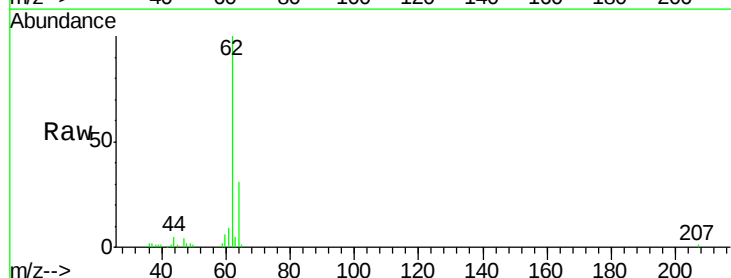
Acq: 7 Aug 2020 16:03

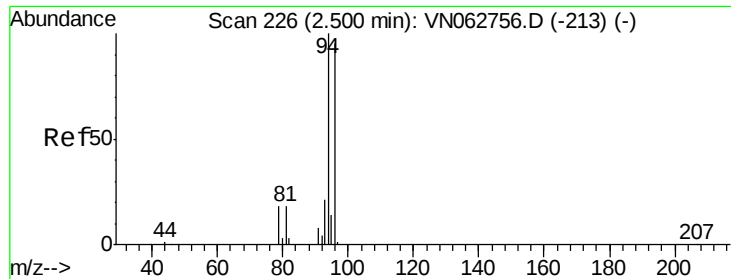
Tgt Ion: 62 Resp: 50302

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 19.688 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

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ClientSampleId :

VN0807WBSD01

Tot Ion: 94 Resp: 27903

Ion Ratio Lower Upper

94 100

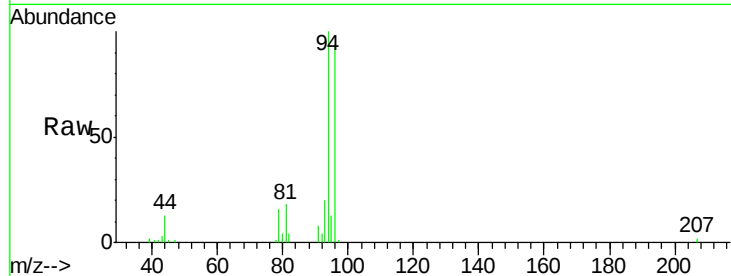
96 92.6 76.2 114.4

Manual Integrations

APPROVED

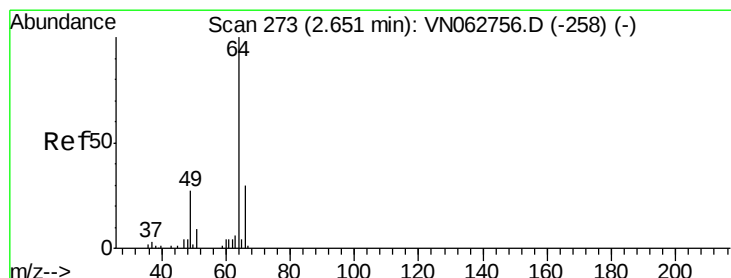
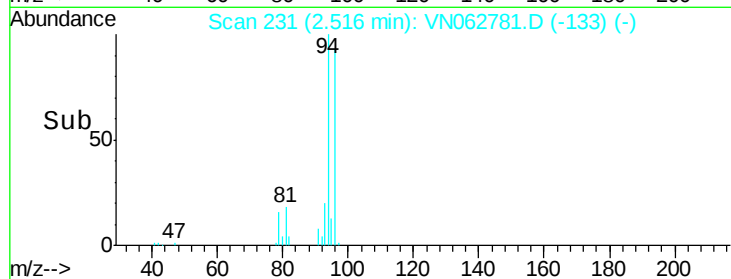
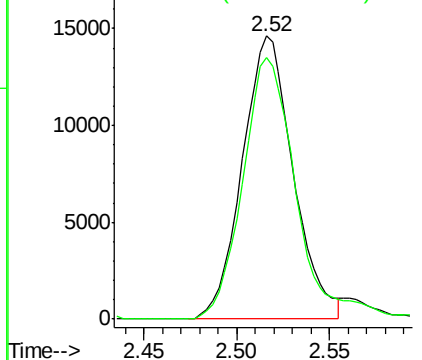
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.874 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062781.D

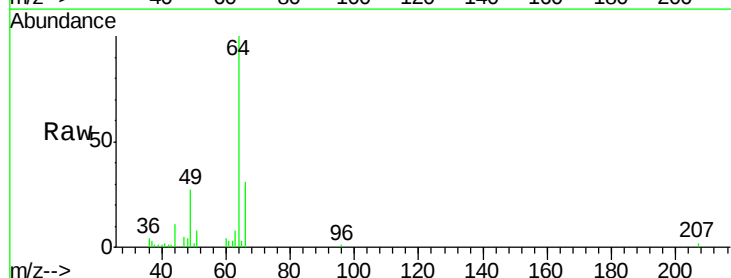
Acq: 7 Aug 2020 16:03

Tgt Ion: 64 Resp: 29400

Ion Ratio Lower Upper

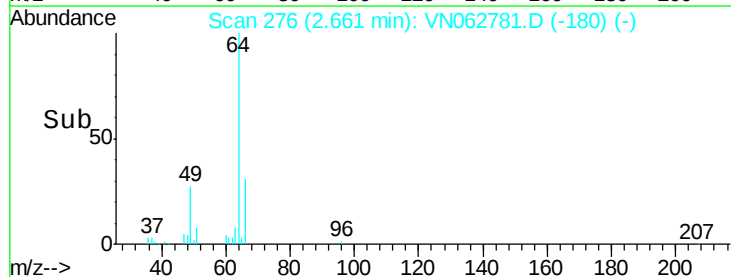
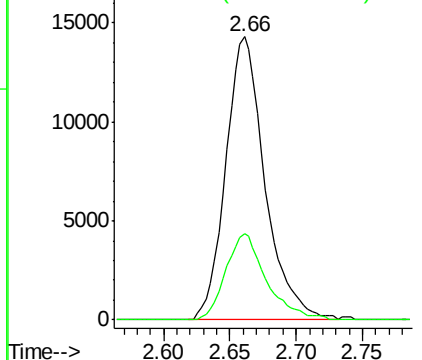
64 100

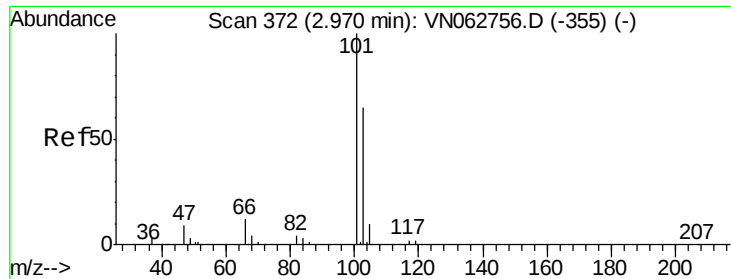
66 30.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

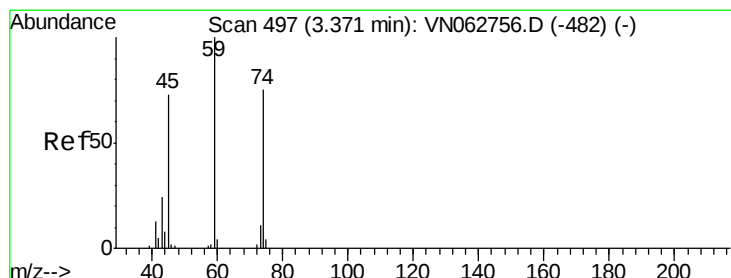
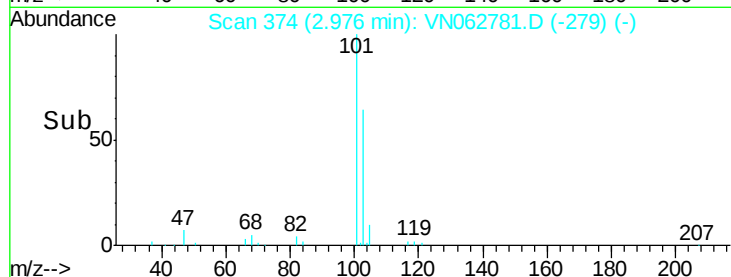
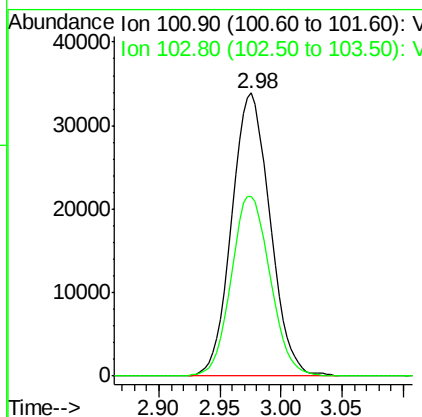
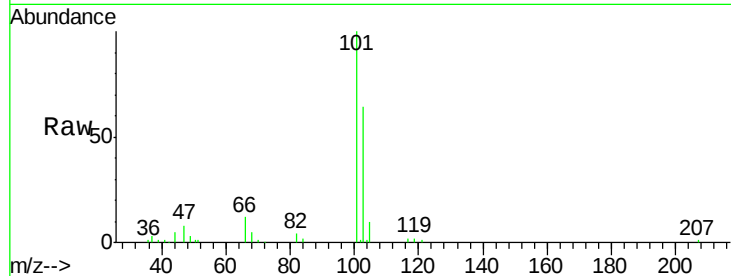
Trichlorofluoromethane
Concen: 19.388 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

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VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.3	78.5

Manual Integrations
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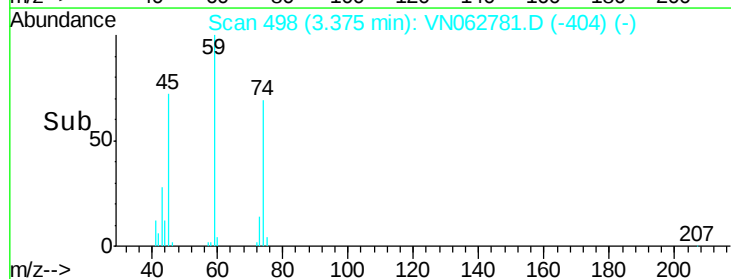
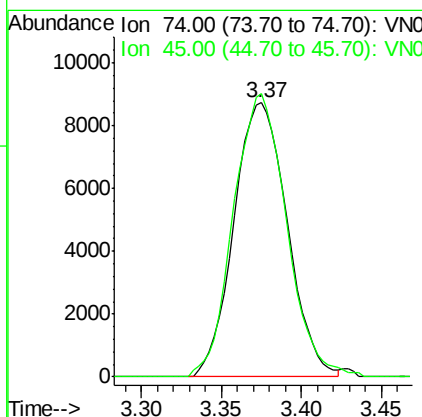
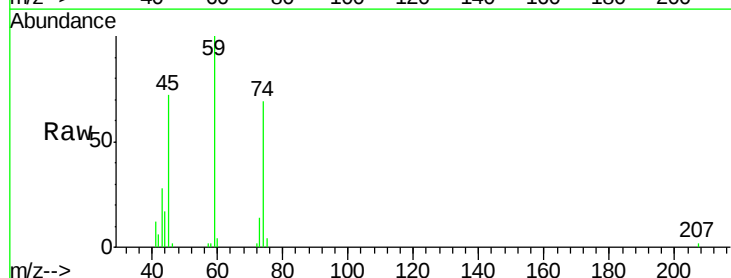
MMDadoda
8/10/2020 12:24:36 PM

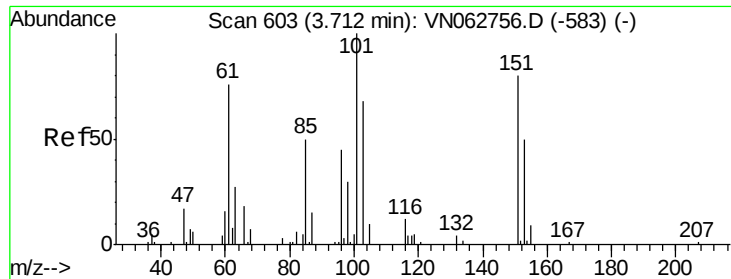


#8

Diethyl Ether
Concen: 18.251 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.798 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

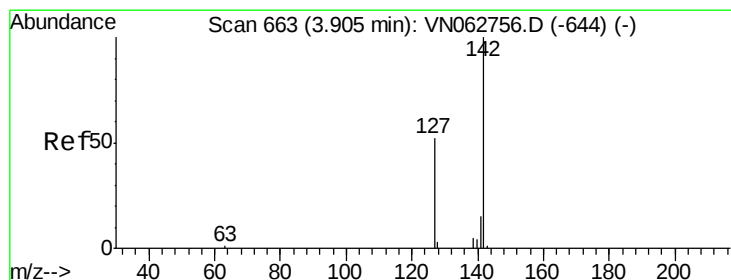
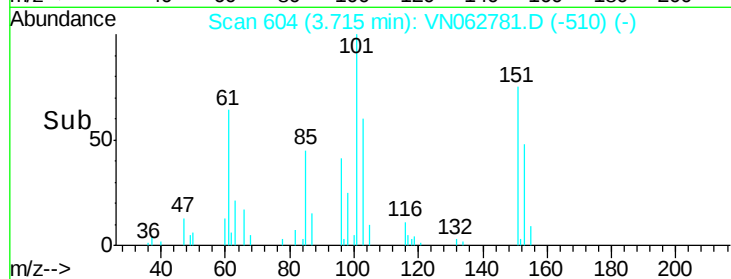
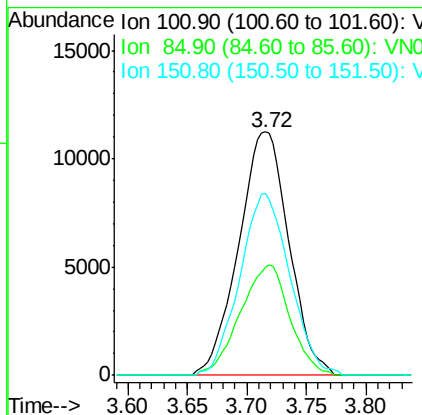
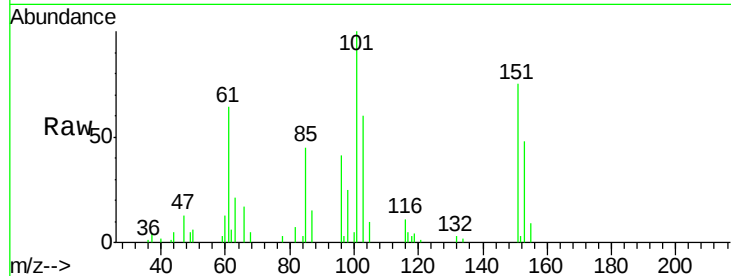
ClientSampled :

VN0807WBSD01

Tot Ion:	101	Resp:	32812
Ion Ratio	Lower	Upper	
101	100		
85	44.7	38.5	57.7
151	74.3	63.0	94.6

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#10

Methyl Iodide

Concen: 19.816 ug/l

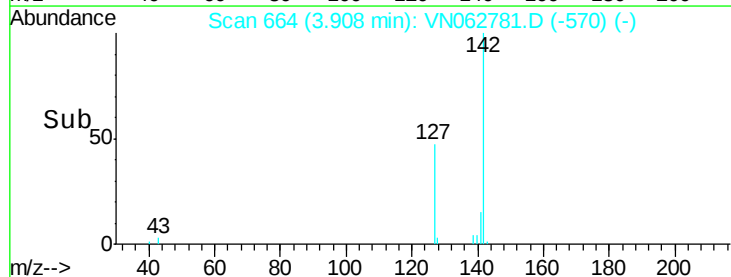
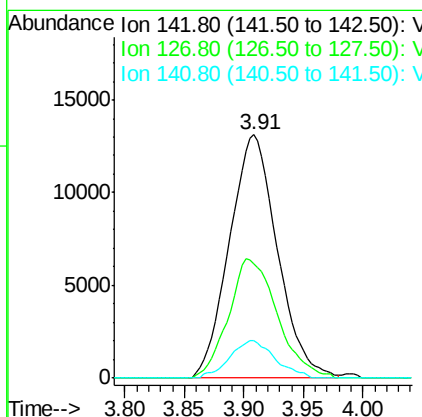
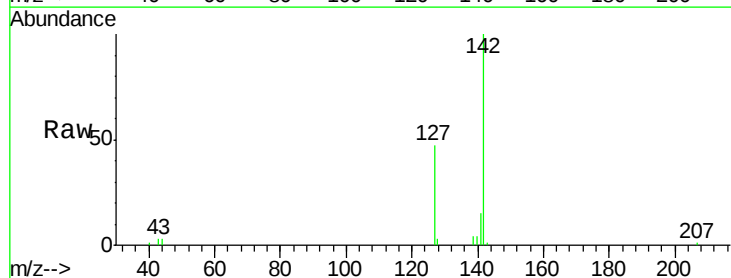
RT: 3.91 min Scan# 664

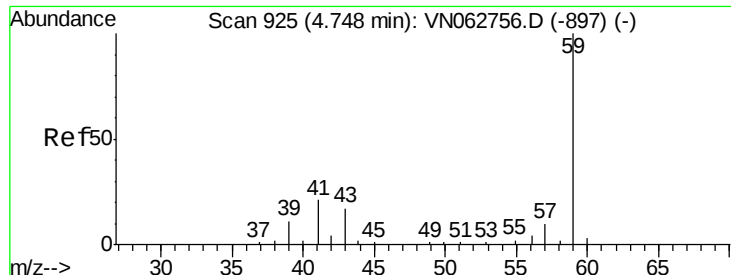
Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	142	Resp:	36667
Ion Ratio	Lower	Upper	
142	100		
127	49.6	41.4	62.0
141	14.5	12.2	18.4





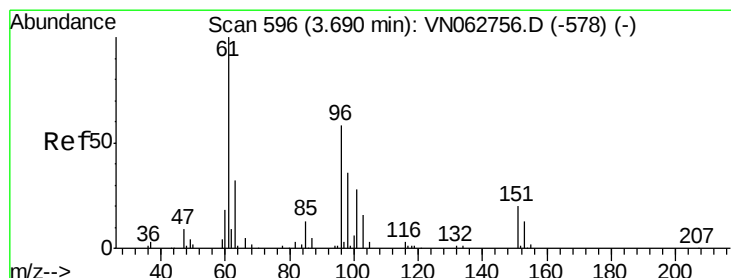
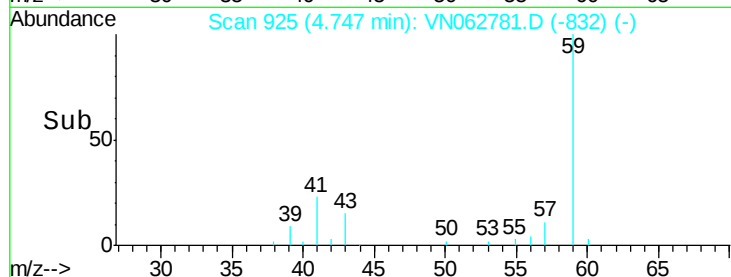
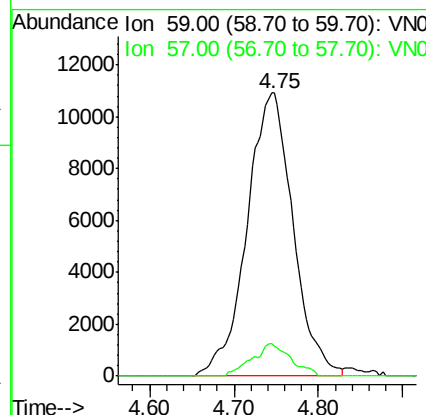
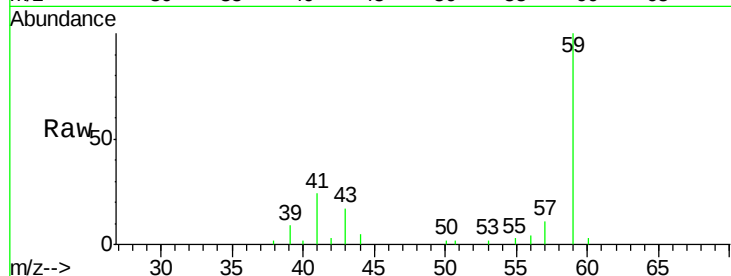
#11
Tert butyl alcohol
Concen: 90.578 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	41470		
57	9.6		8.3	12.5

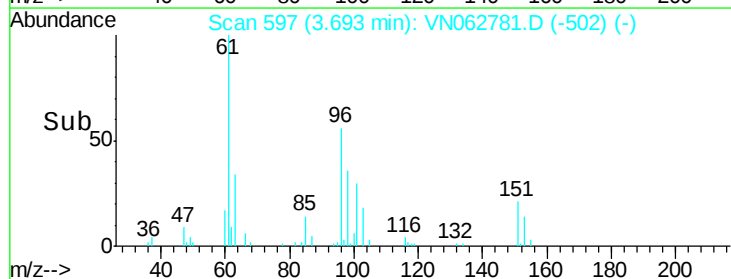
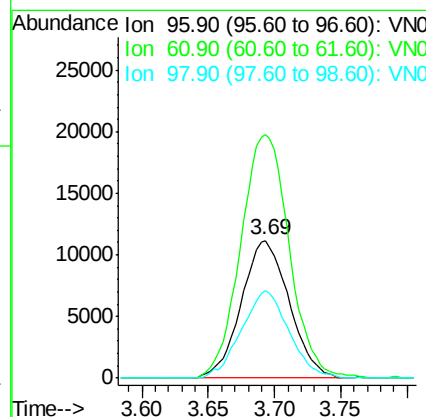
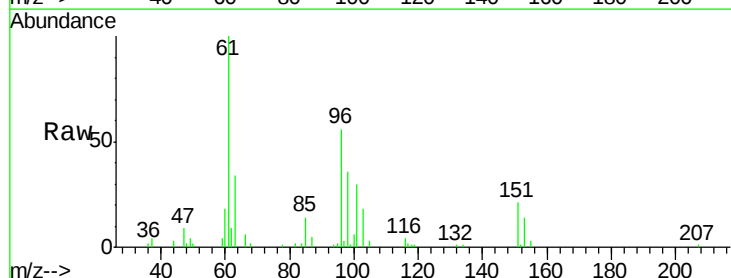
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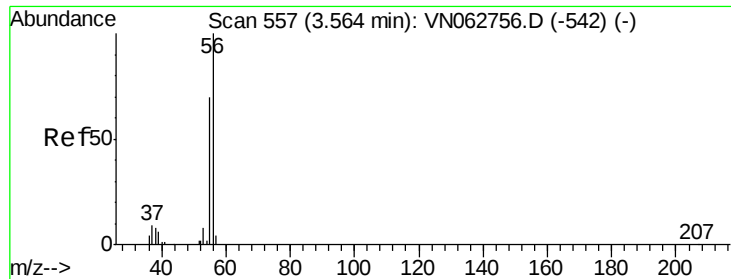
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.774 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28058		
61	177.0		139.0	208.6
98	64.0		50.2	75.4





#13

Acrolein

Concen: 63.754 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 56 Resp: 17673

Ion Ratio Lower Upper

56 100

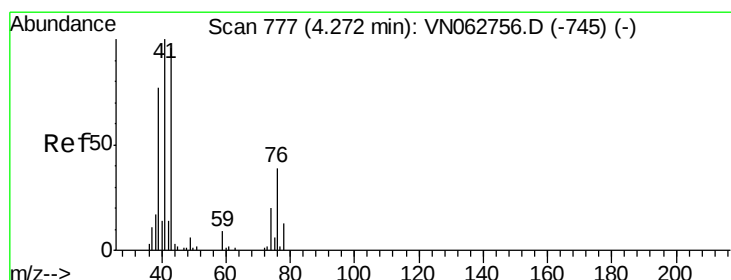
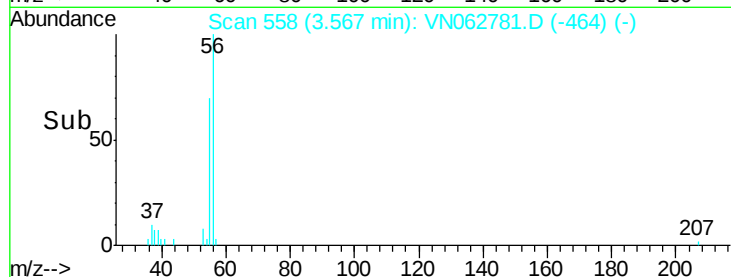
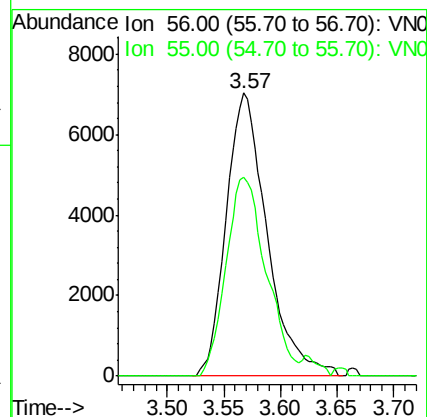
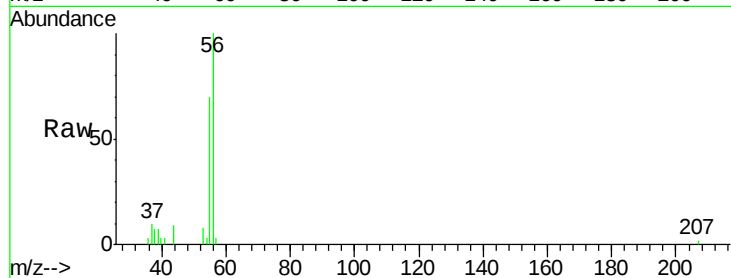
55 69.1 57.0 85.6

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#14

Allyl chloride

Concen: 18.373 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

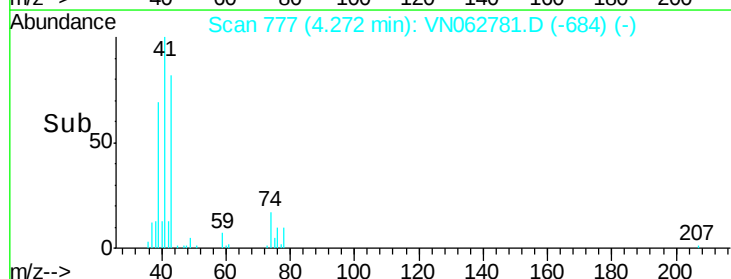
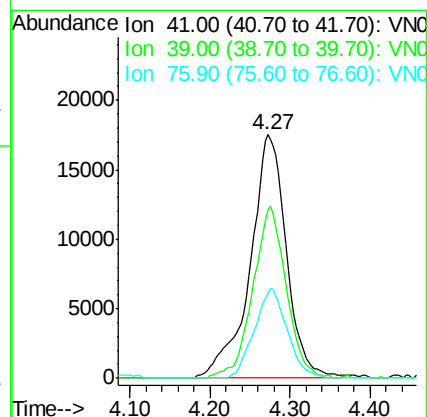
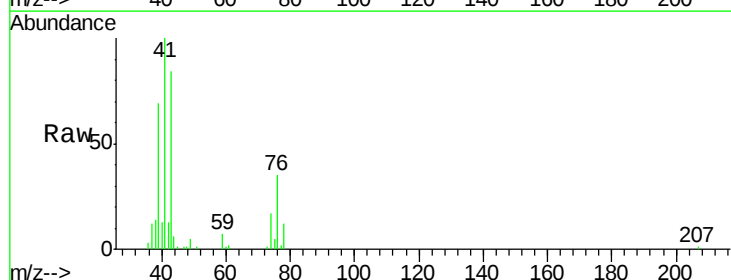
Tgt Ion: 41 Resp: 54337

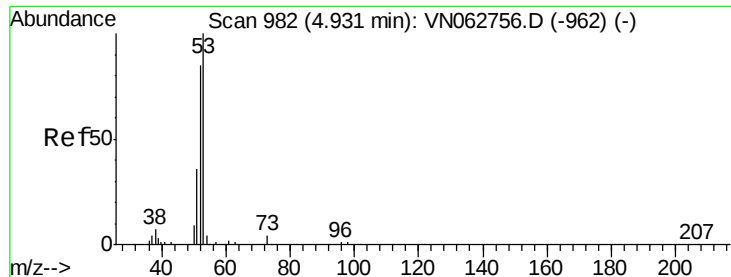
Ion Ratio Lower Upper

41 100

39 64.6 55.7 83.5

76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 95.135 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

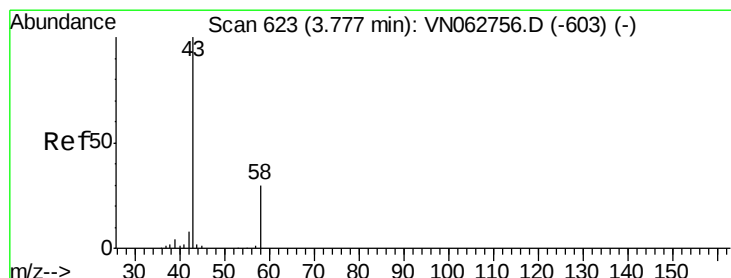
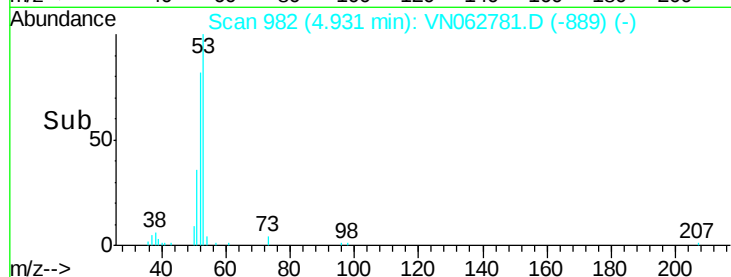
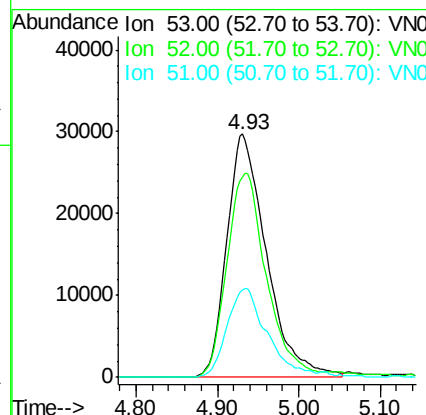
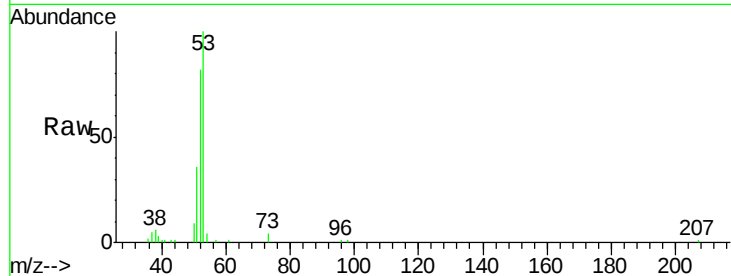
ClientSampleId :

VN0807WBSD01

Tot Ion:	53	Resp:	101024
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.8	100.2
51	36.9	29.5	44.3

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#16

Acetone

Concen: 86.504 ug/l

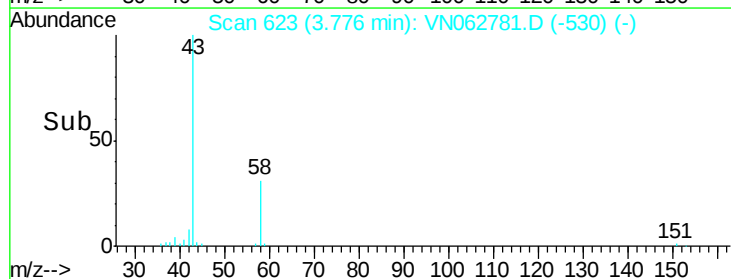
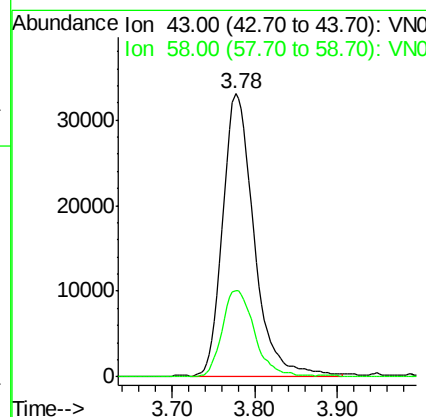
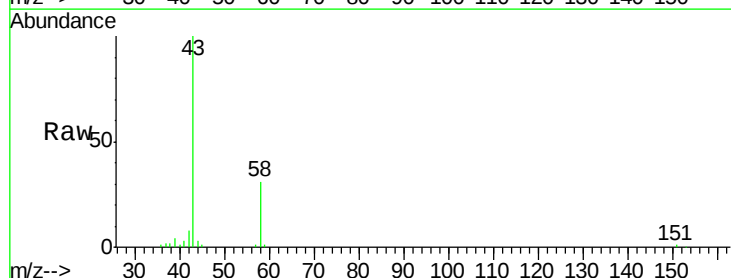
RT: 3.78 min Scan# 623

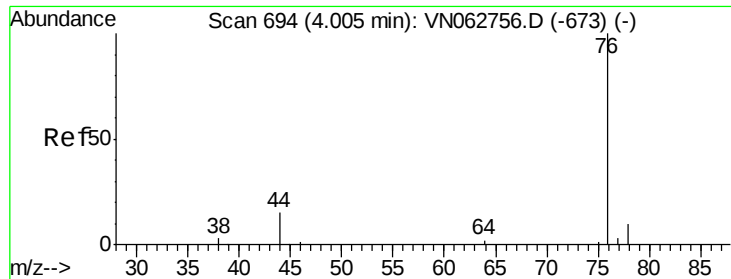
Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	43	Resp:	87315
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.1	36.1





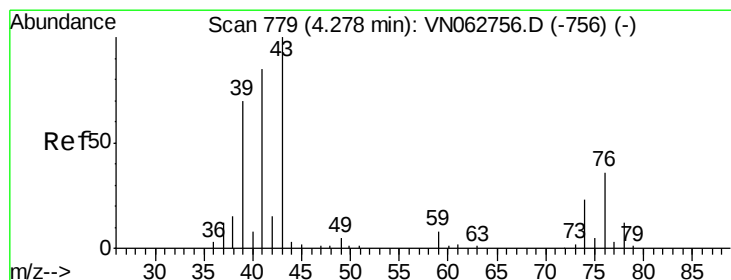
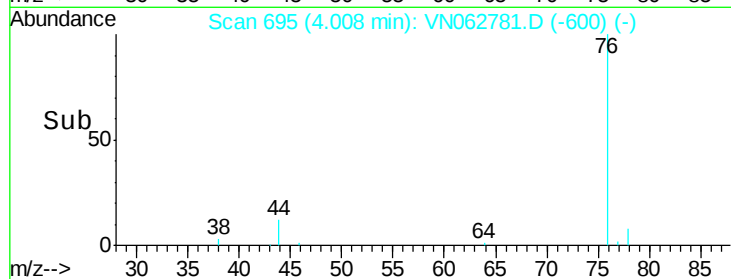
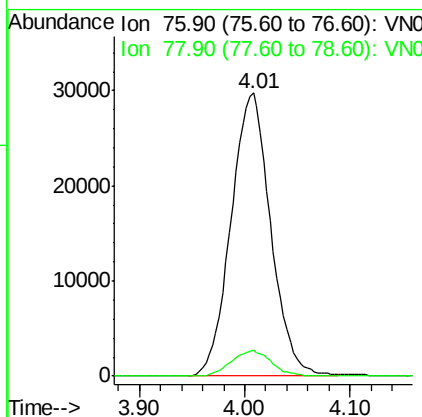
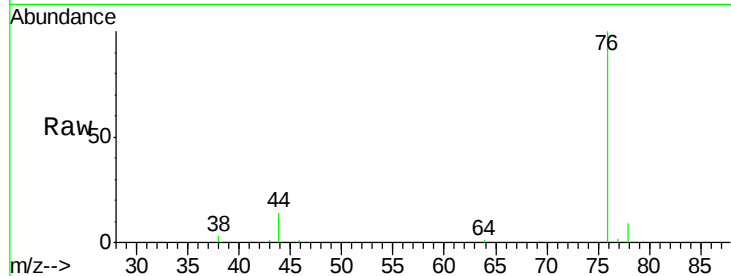
#17
Carbon Disulfide
Concen: 18.411 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion: 76 Resp: 77592
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

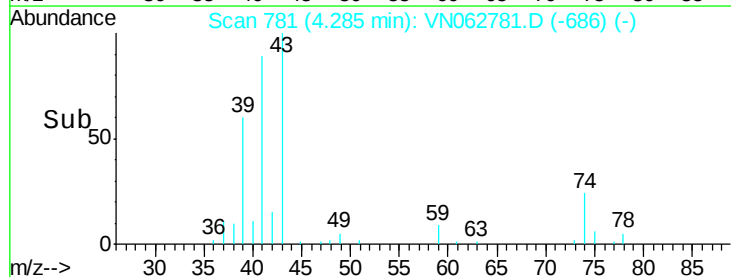
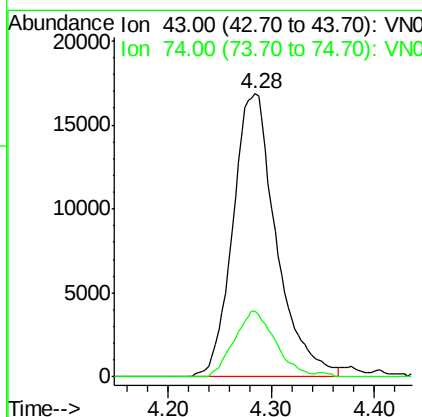
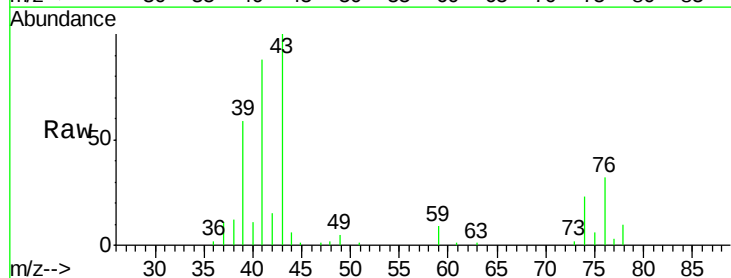
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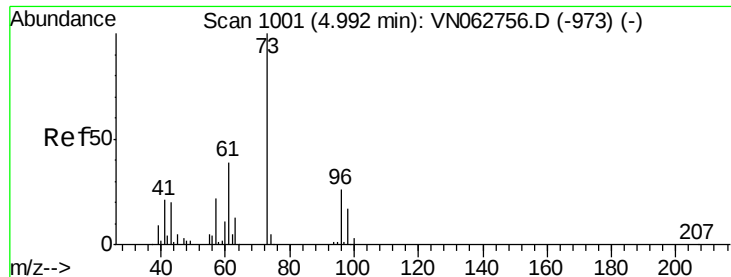
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#18
Methyl Acetate
Concen: 20.017 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 43 Resp: 49404
Ion Ratio Lower Upper
43 100
74 22.0 18.6 28.0





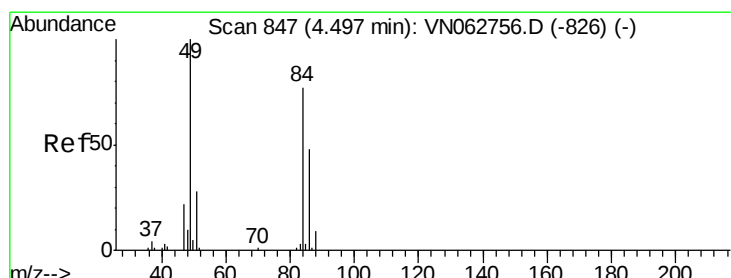
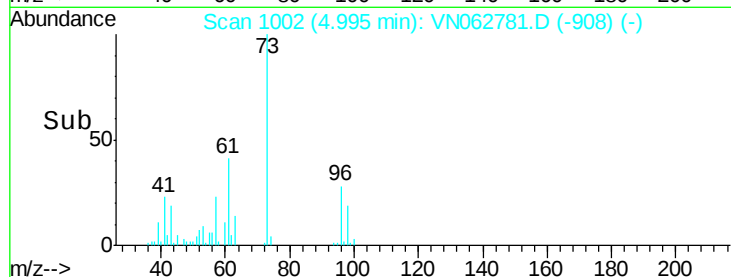
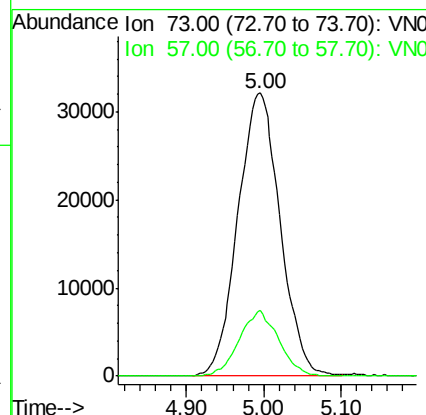
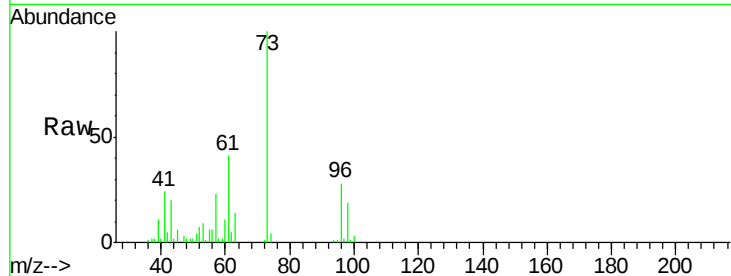
#19
Methvl tert-butvl Ether
Concen: 18.619 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion: 73 Resp: 121853
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3

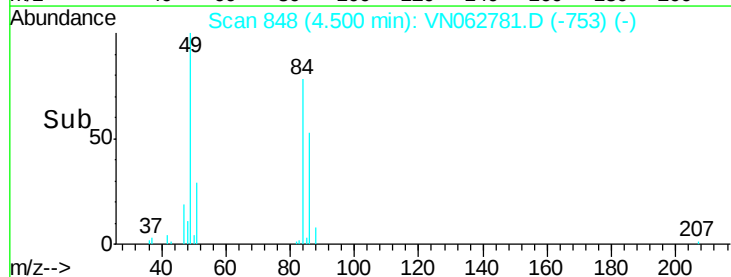
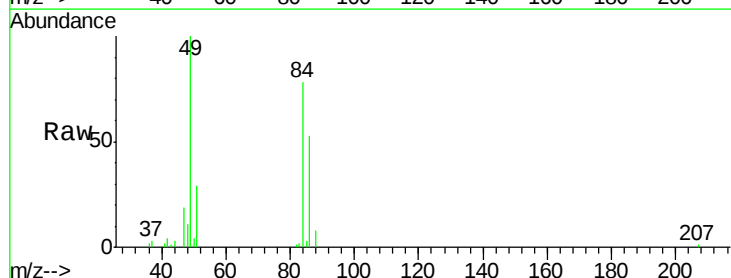
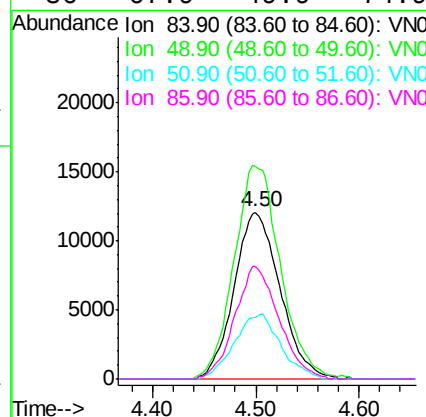
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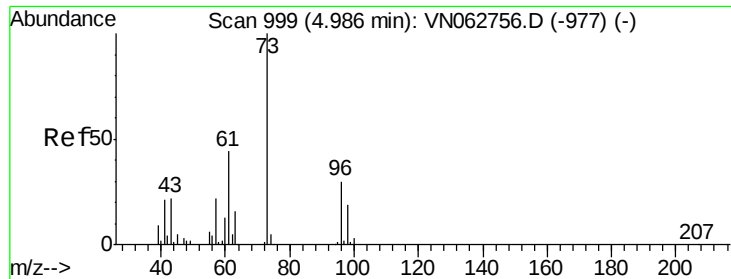
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#20
Methylene Chloride
Concen: 19.773 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 84 Resp: 37374
Ion Ratio Lower Upper
84 100
49 127.6 103.4 155.2
51 37.2 29.3 43.9
86 67.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.427 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

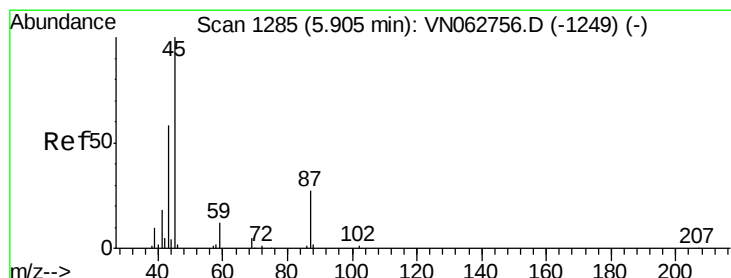
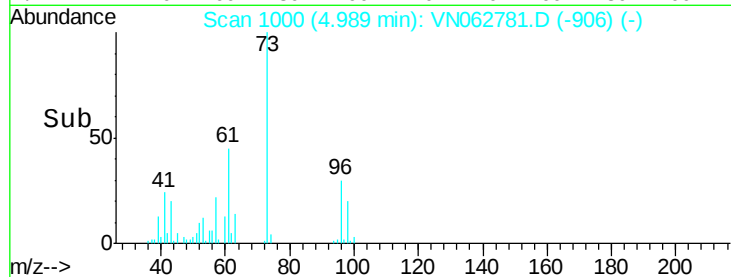
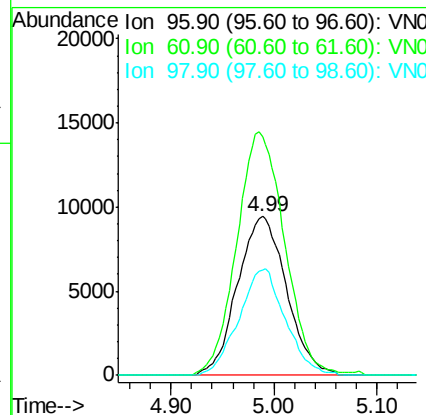
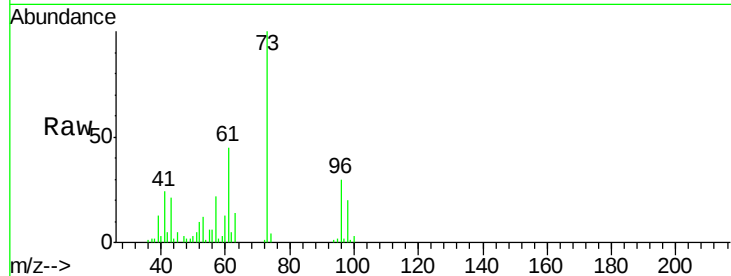
ClientSampleId :

VN0807WBSD01

Tot Ion:	96	Resp:	31149
Ion	Ratio	Lower	Upper
96	100		
61	150.1	118.8	178.2
98	66.3	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.820 ug/l

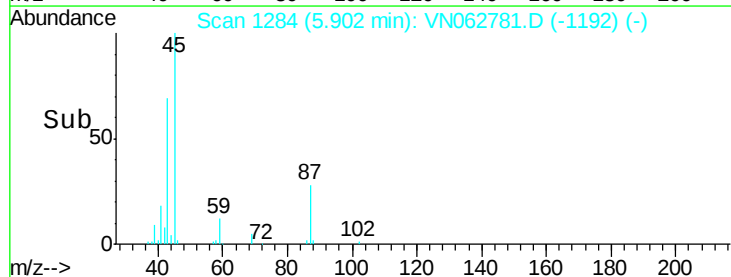
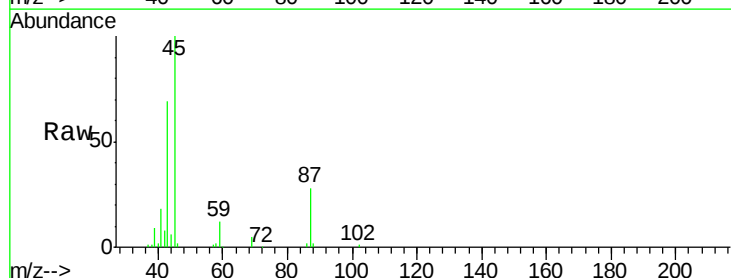
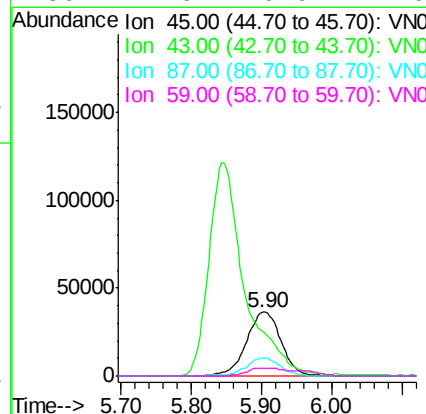
RT: 5.90 min Scan# 1284

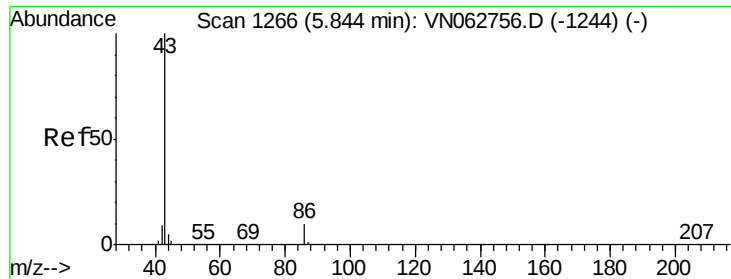
Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	45	Resp:	124782
Ion	Ratio	Lower	Upper
45	100		
43	66.8	47.4	71.2
87	27.5	22.8	34.2
59	11.6	9.9	14.9





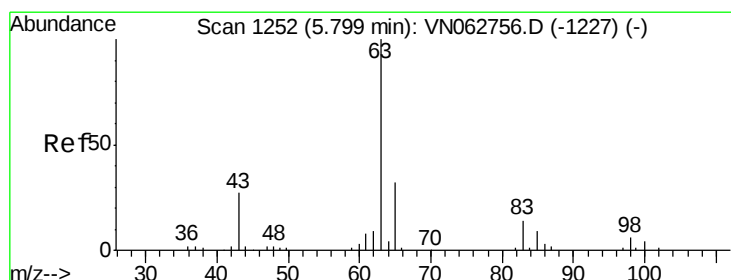
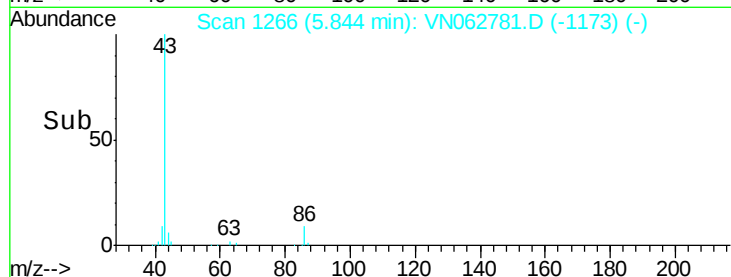
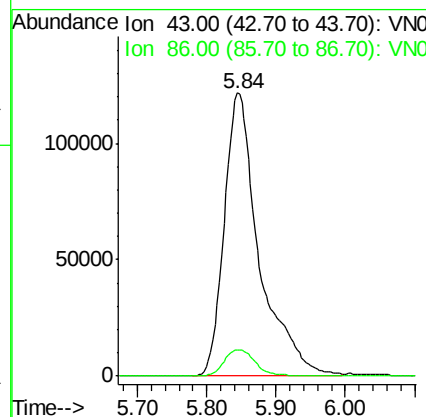
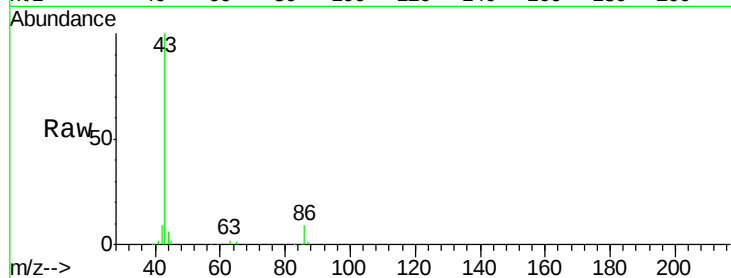
#23
 Vinyl Acetate
 Concen: 89.365 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	43	Resp	427942
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5

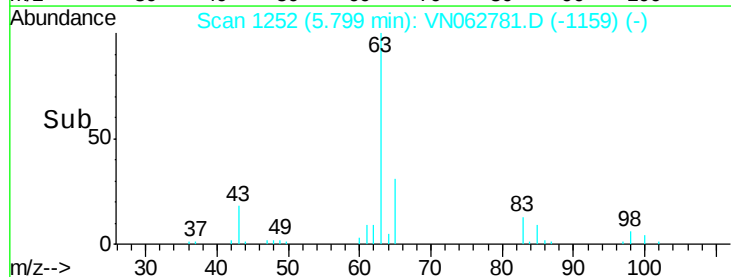
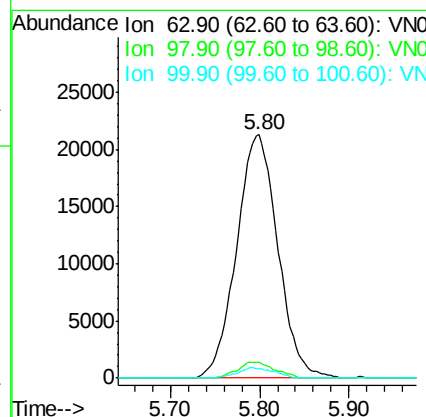
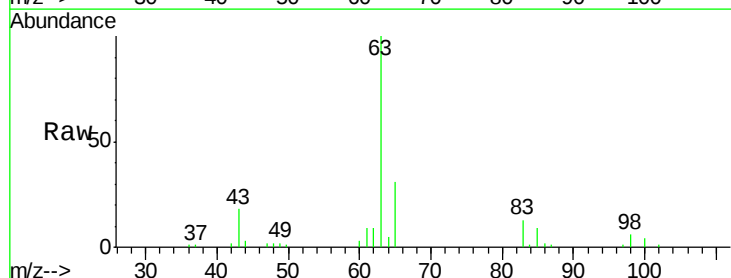
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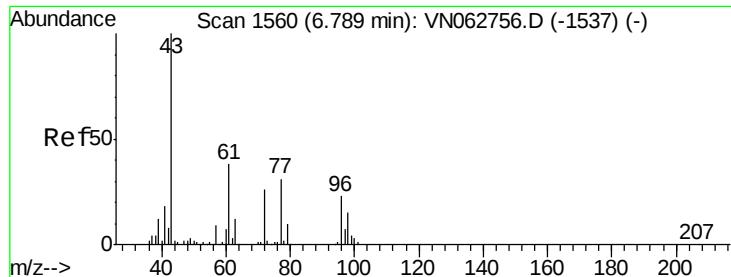
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 18.533 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	63	Resp	68378
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.0	9.2
100	3.6	1.9	5.7





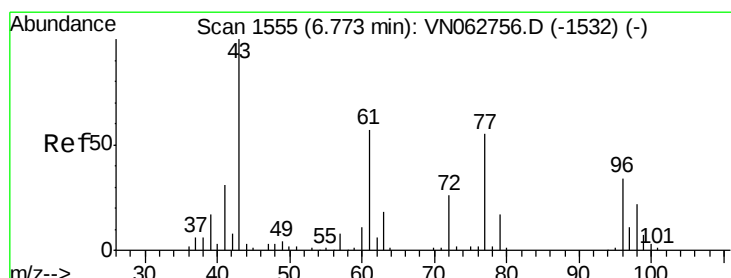
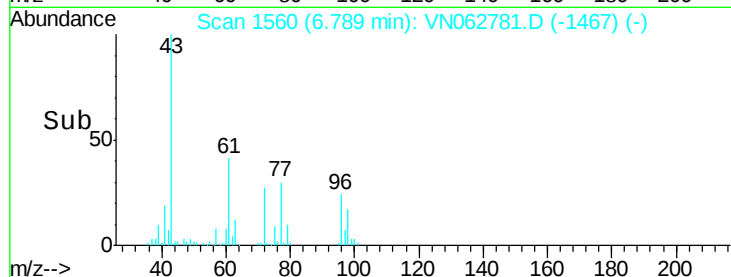
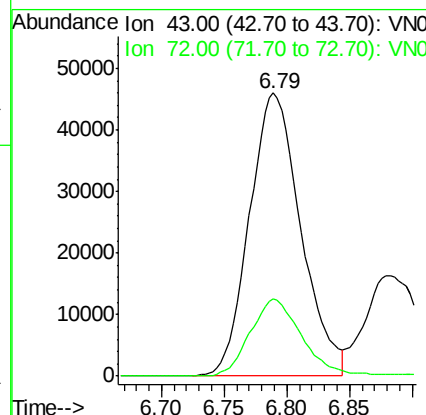
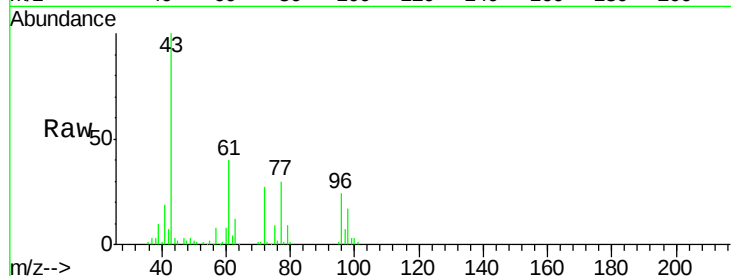
#25
2-Butanone
Concen: 91.718 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	43	Resp	131118
Ion Ratio	100	Lower	Upper
72	27.3	21.1	31.7

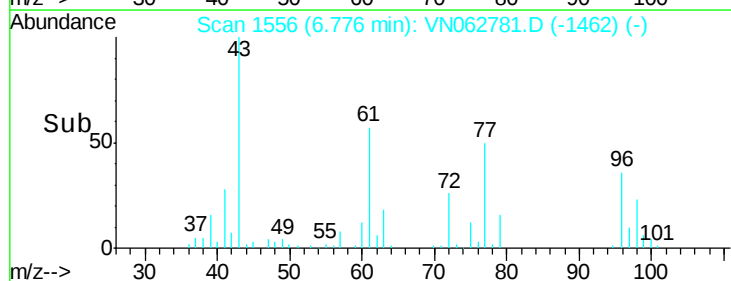
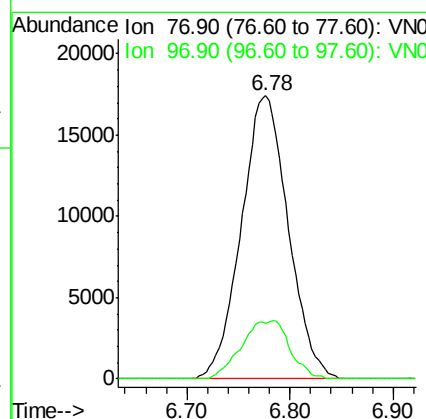
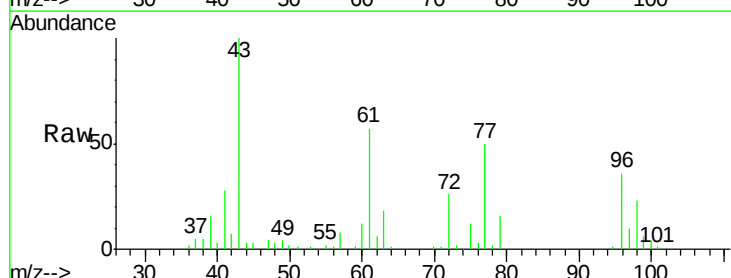
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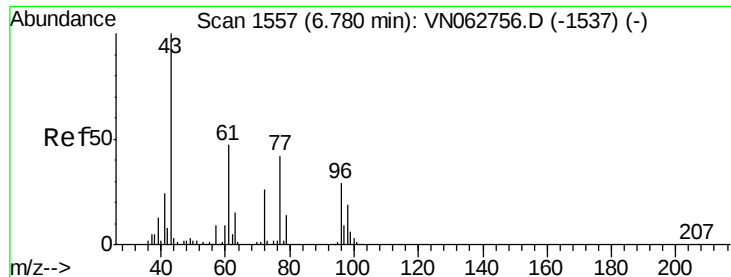
MMDadoda
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#26
2,2-Dichloropropane
Concen: 16.184 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	77	Resp	55041
Ion Ratio	100	Lower	Upper
97	11.3	10.5	31.6





#27

cis-1,2-Dichloroethene

Concen: 18.413 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

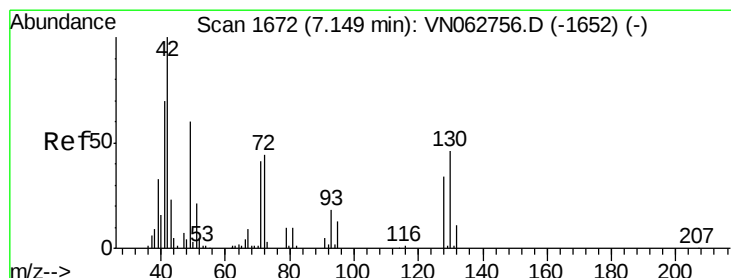
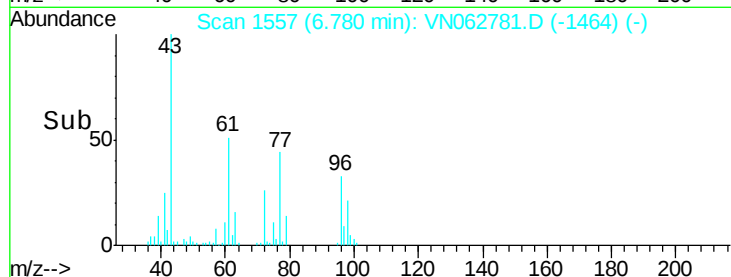
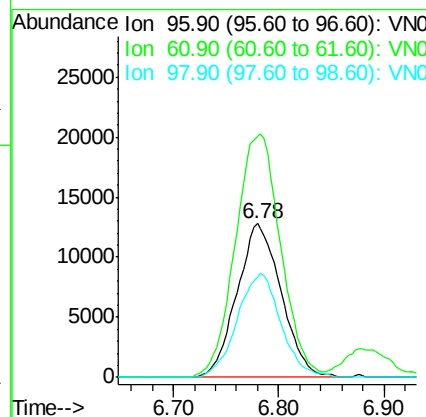
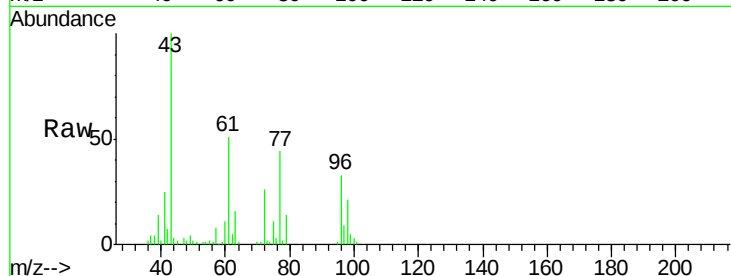
ClientSampleId :

VN0807WBSD01

Tot Ion:	96	Resp:	37338
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	332.2
98	66.6	0.0	129.4

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#28

Bromochloromethane

Concen: 19.160 ug/l

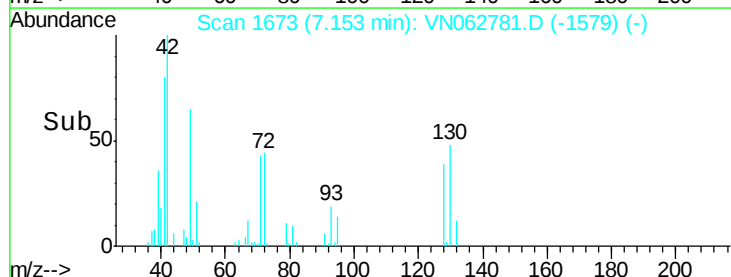
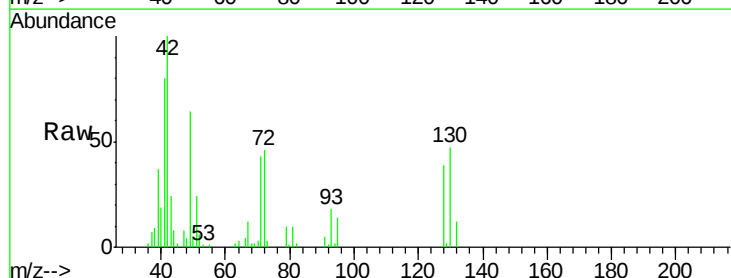
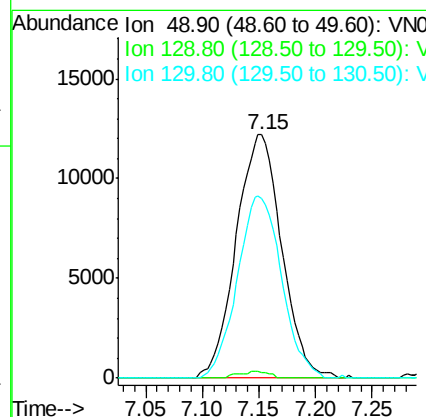
RT: 7.15 min Scan# 1673

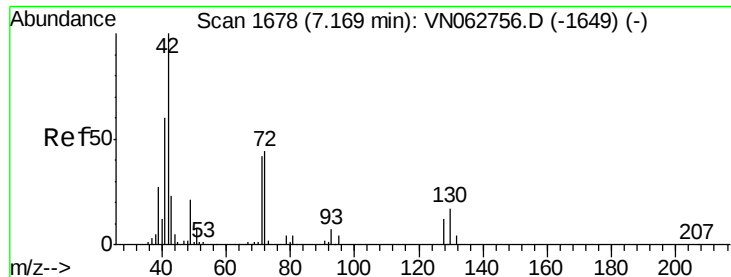
Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	49	Resp:	34117
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.6	59.0	88.6





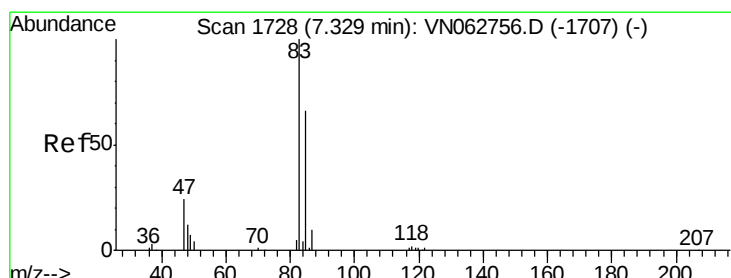
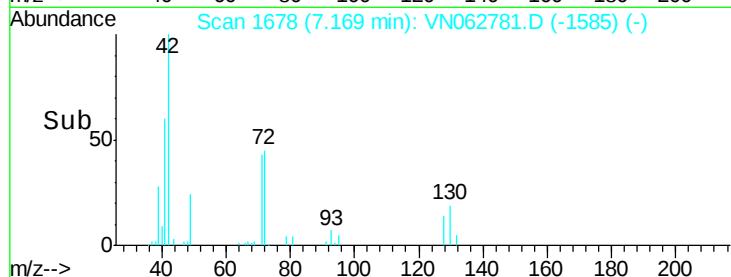
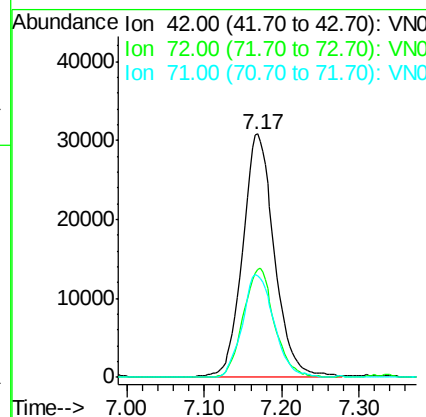
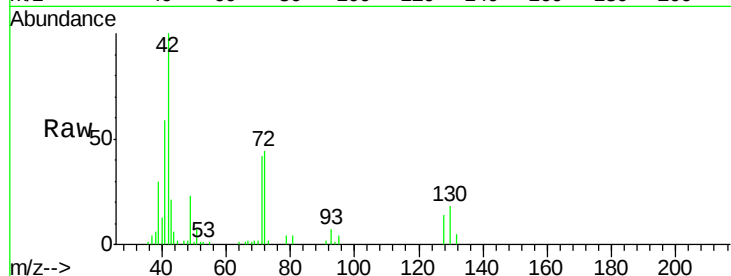
#29
Tetrahydrofuran
Concen: 94.956 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.0	52.4
71	41.8	33.2	49.8

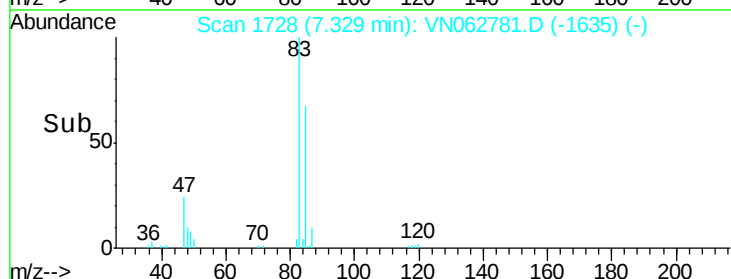
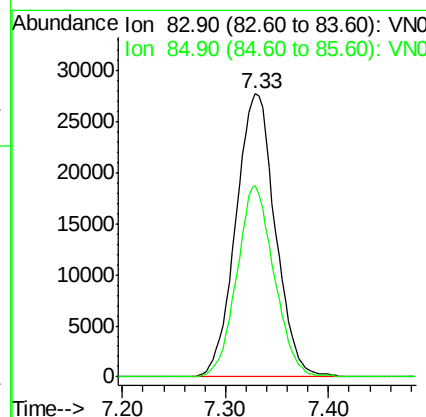
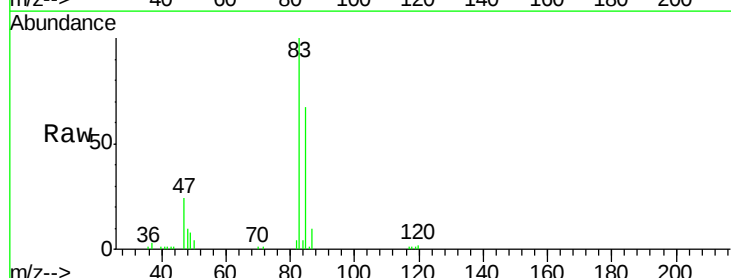
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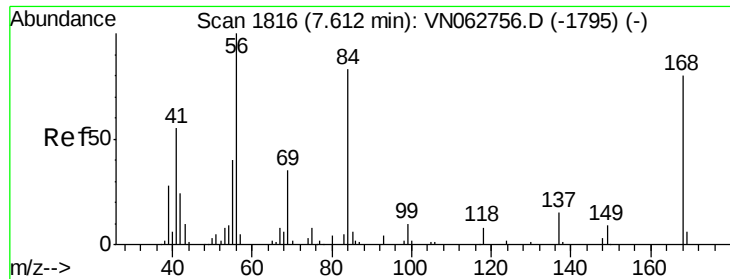
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#30
Chloroform
Concen: 18.815 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.7	79.1





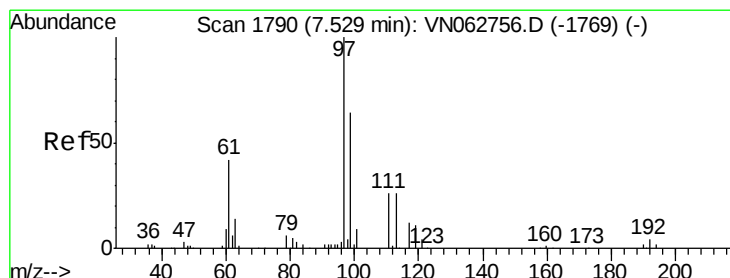
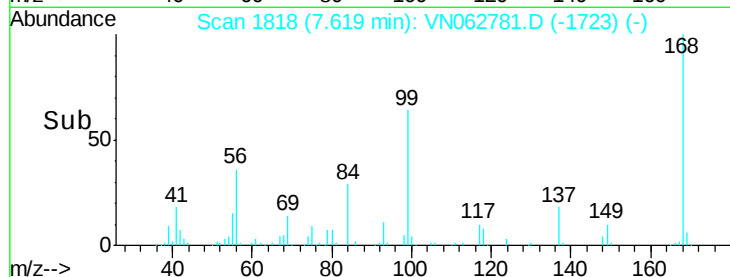
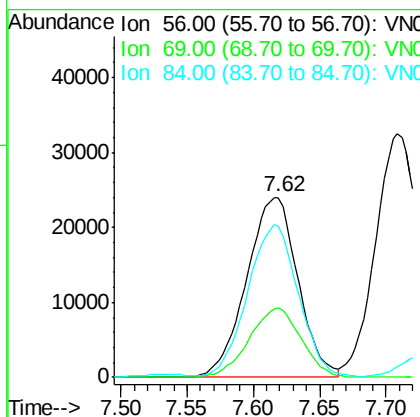
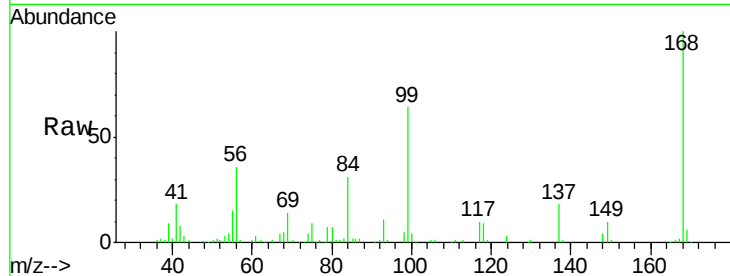
#31
Cyclohexane
Concen: 19.119 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.6	28.1	42.1
84	83.4	66.8	100.2

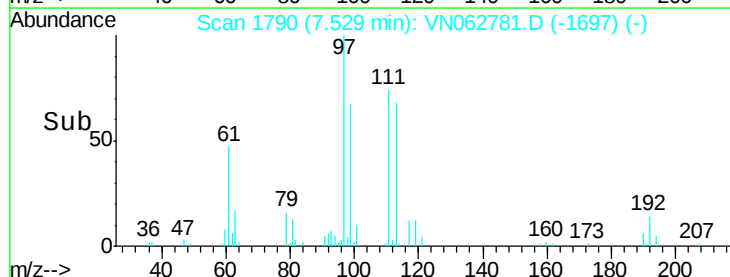
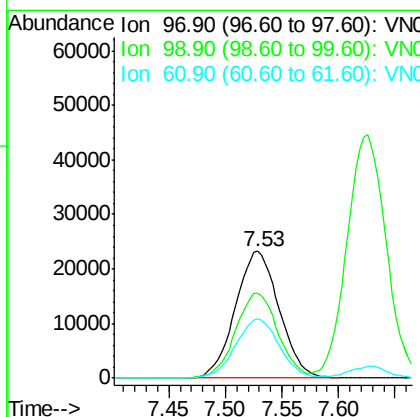
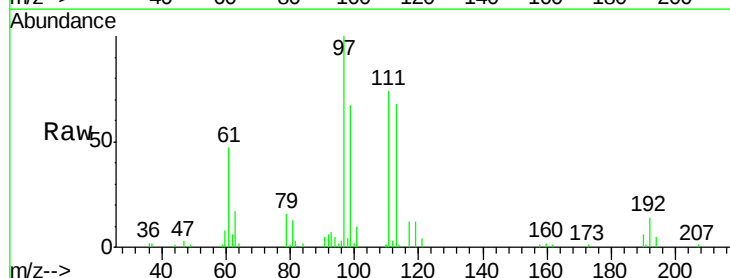
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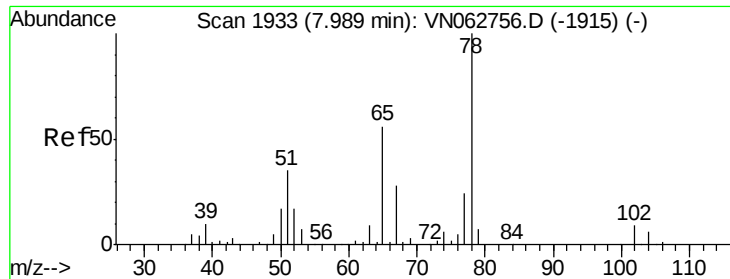
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#32
1,1,1-Trichloroethane
Concen: 17.810 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.0	75.0
61	46.5	34.8	52.2





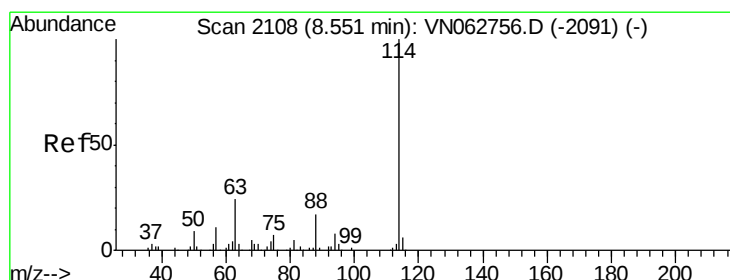
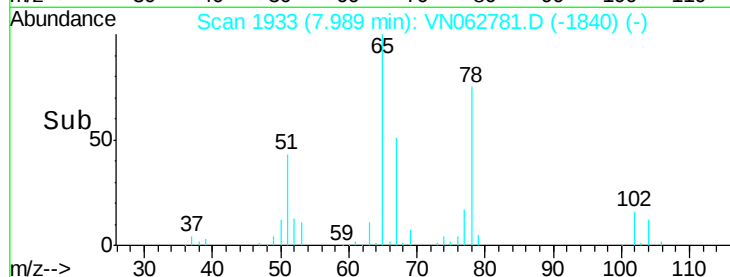
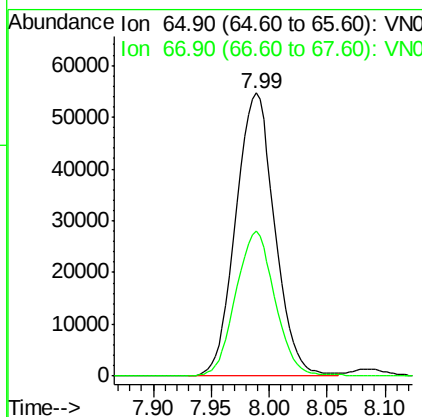
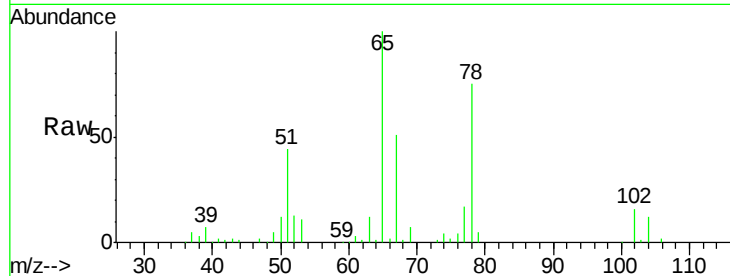
#33
 1,2-Dichloroethane-d4
 Concen: 45.723 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127724		
67	51.4	0.0	101.4	

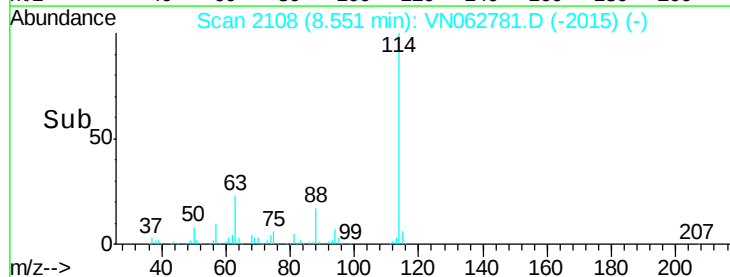
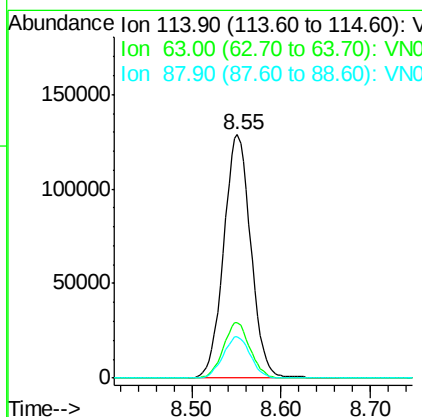
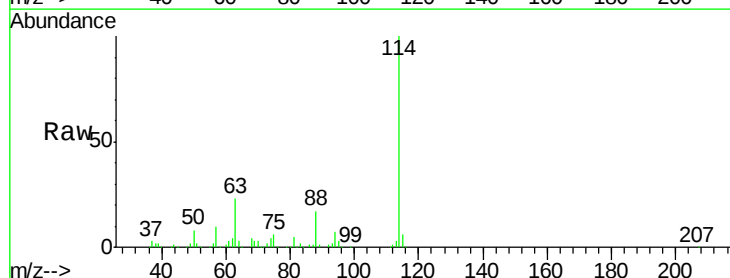
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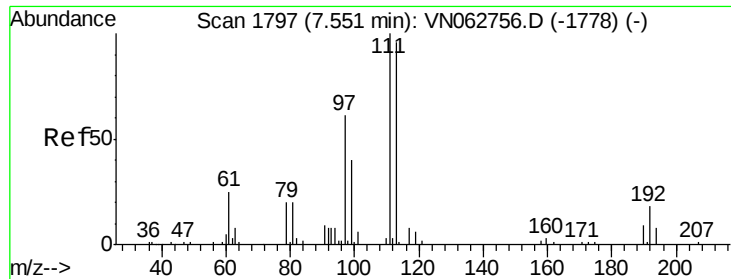
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 8/10/2020 12:24:36 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	270836		
63	22.9	0.0	47.6	
88	16.8	0.0	34.4	





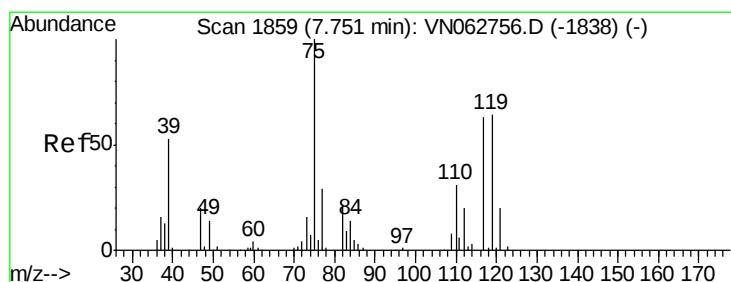
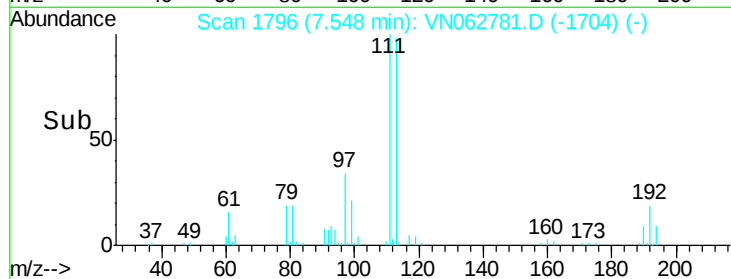
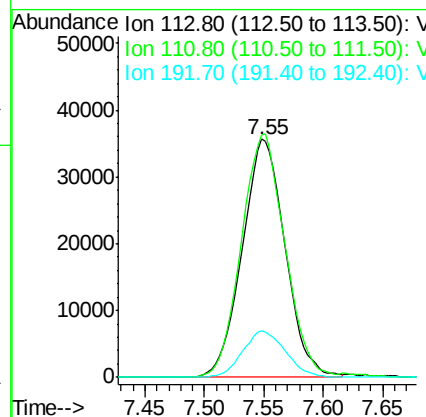
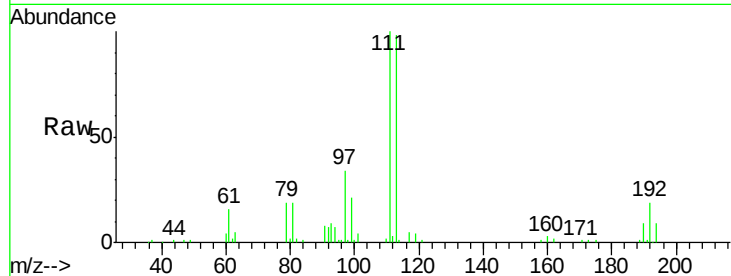
#35
Dibromofluoromethane
Concen: 48.019 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.7	81.8	122.6	
192	19.4	15.0	22.4	

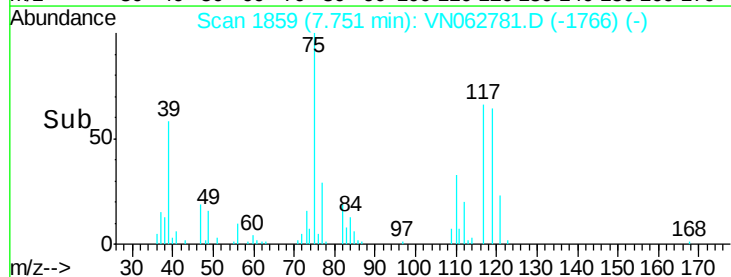
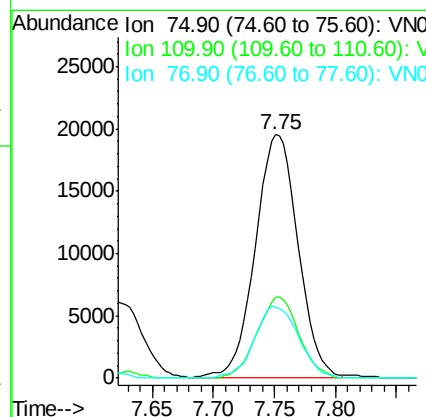
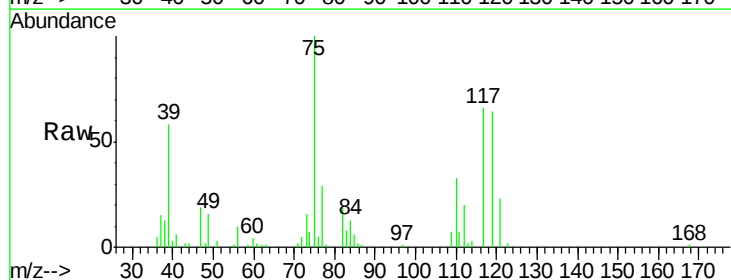
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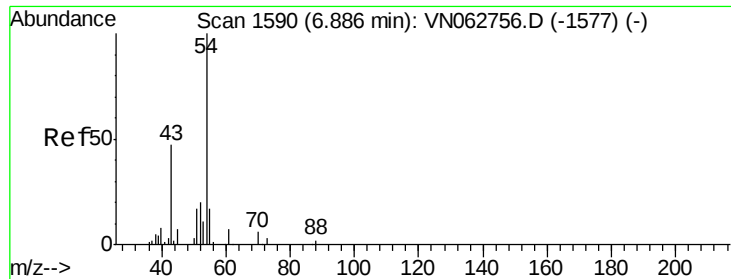
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#36
1,1-Dichloropropene
Concen: 18.033 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.6	15.6	46.7	
77	30.4	24.1	36.1	





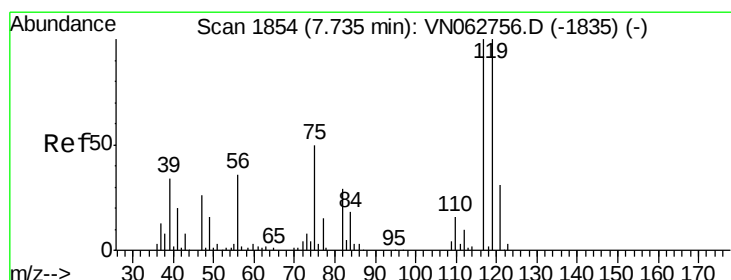
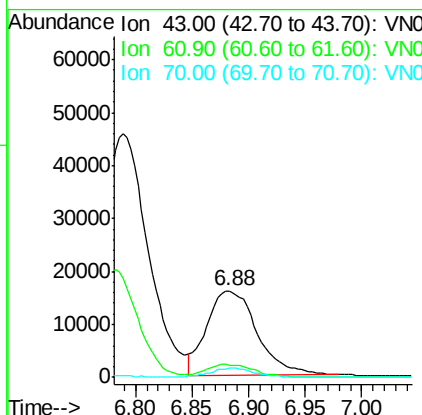
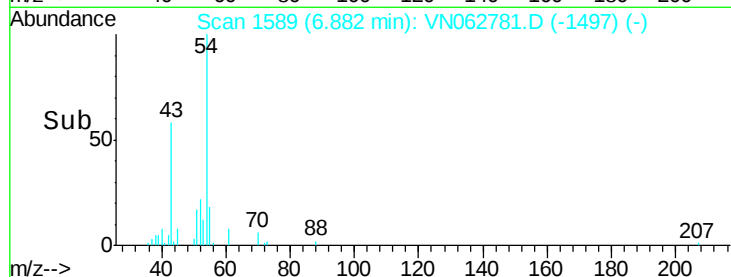
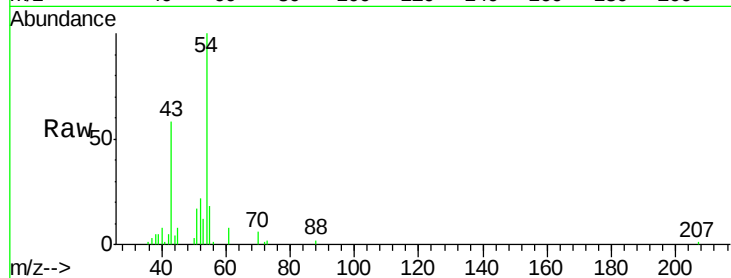
#37
Ethyl Acetate
Concen: 17.969 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampled :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	9.4	8.3	12.5

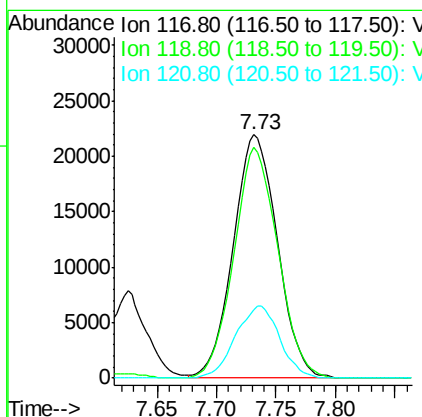
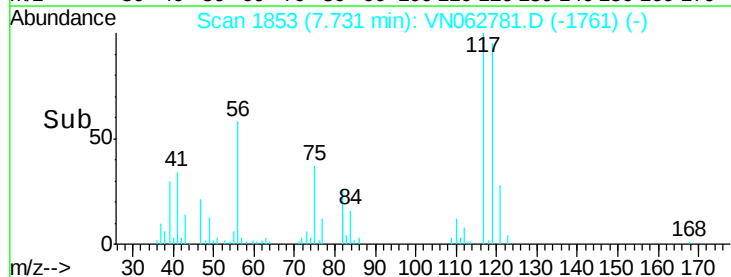
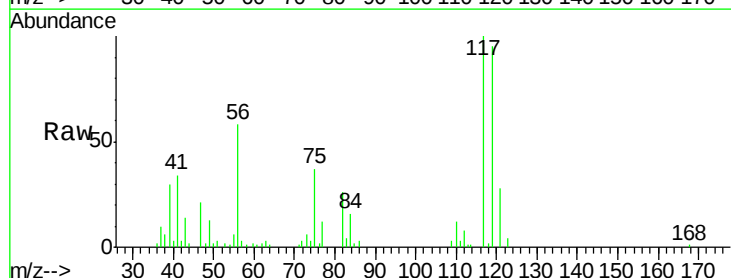
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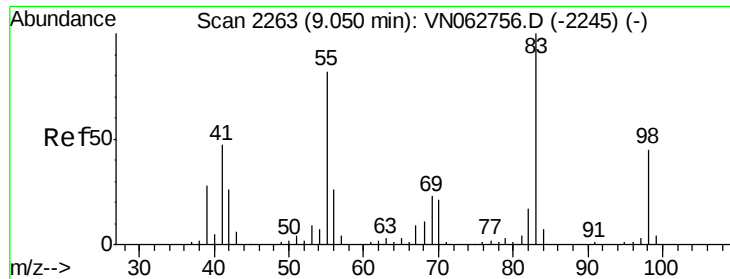
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#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.4	119.2
121	27.9	24.9	37.3





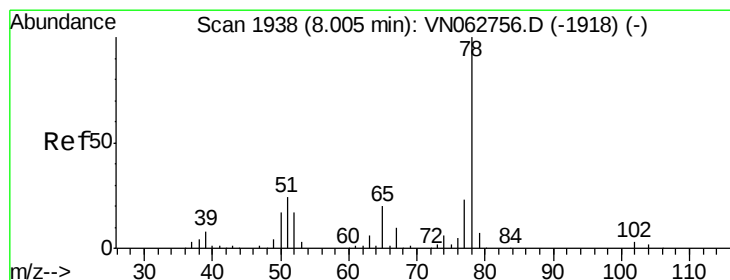
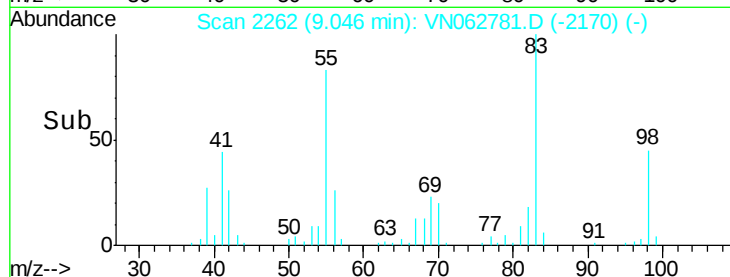
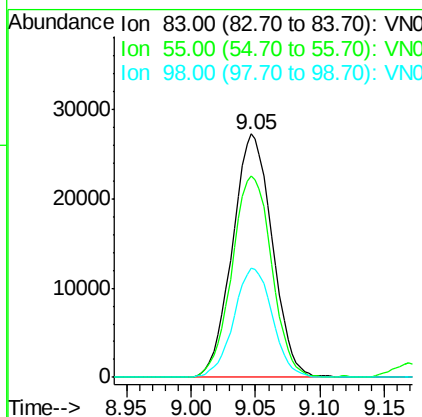
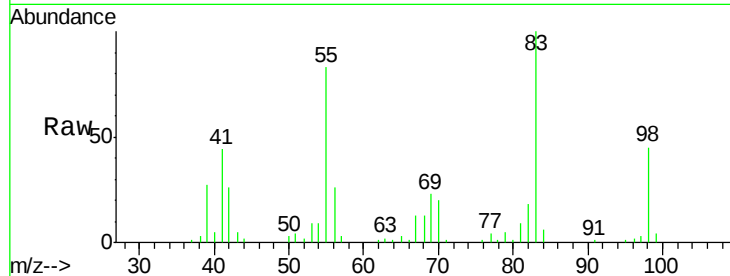
#39
Methvlcvclohexane
Concen: 18.511 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	83	Resp	58747
Ion Ratio	100	Lower	Upper
83	100		
55	82.8	65.7	98.5
98	44.7	35.6	53.4

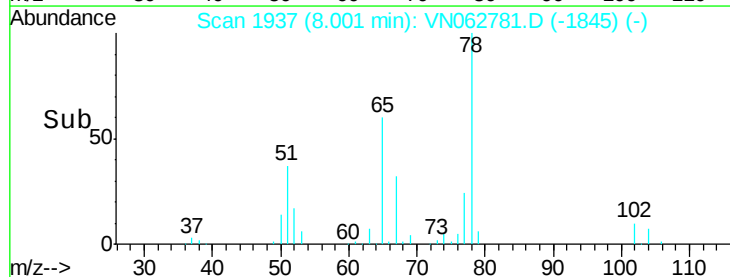
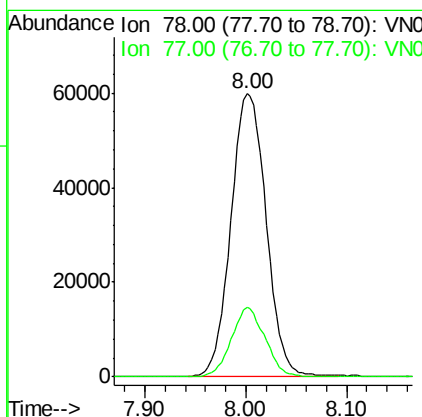
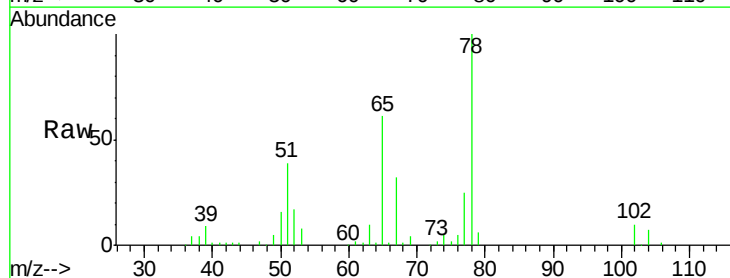
Manual Integrations
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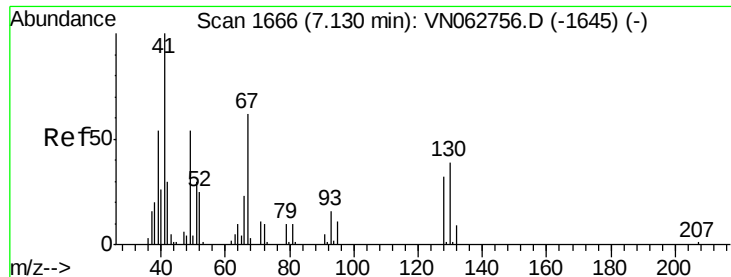
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#40
Benzene
Concen: 18.510 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	78	Resp	145662
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	18.1	27.1





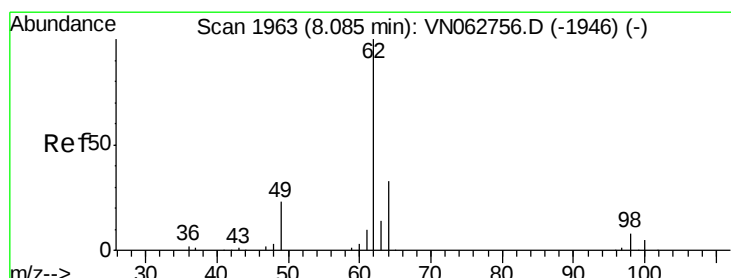
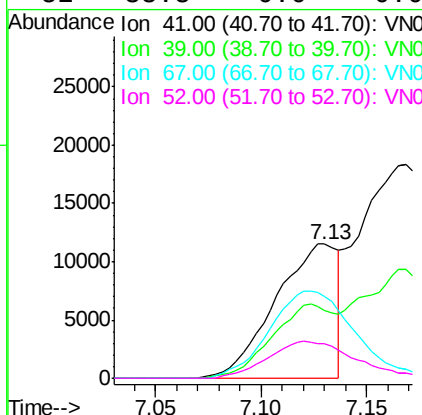
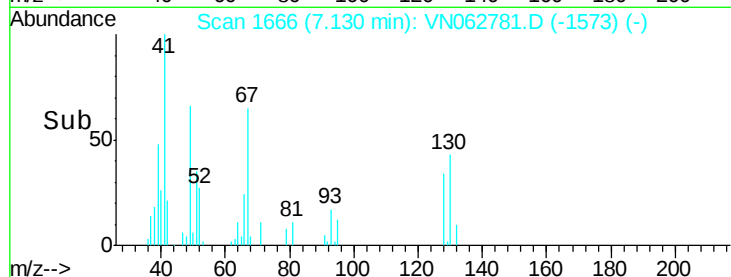
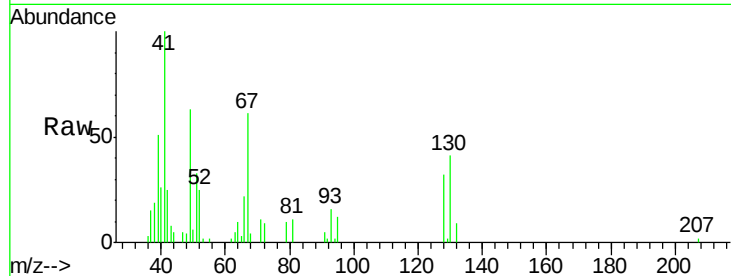
#41
Methacrylonitrile
Concen: 18.976 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		23589		
39	55.5	69.4	104.2#		
67	88.9	0.0	0.0#		
52	38.8	0.0	0.0#		

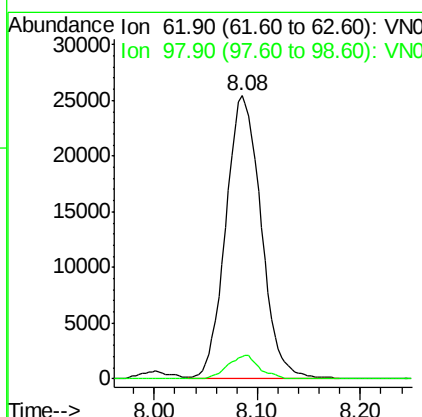
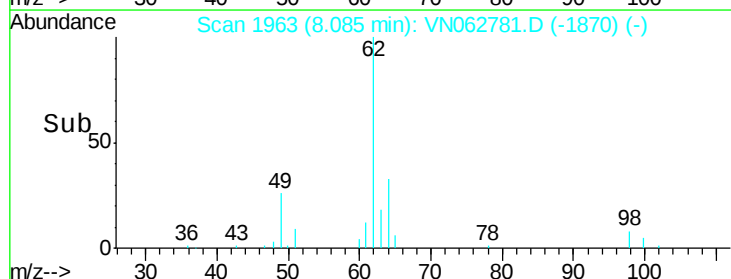
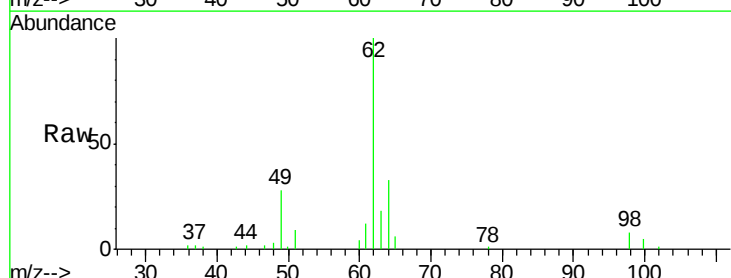
Manual Integrations
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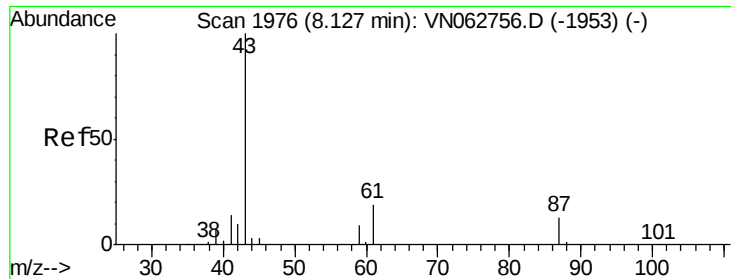
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#42
1,2-Dichloroethane
Concen: 18.144 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		60772		
98	7.4	0.0	15.8		





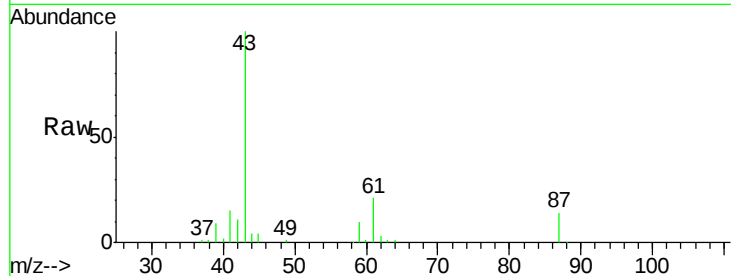
#43
Isopropyl Acetate
Concen: 17.881 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

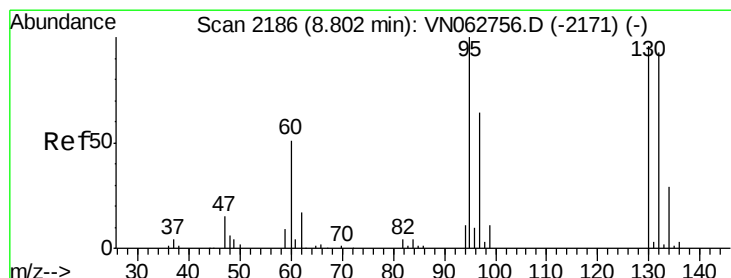
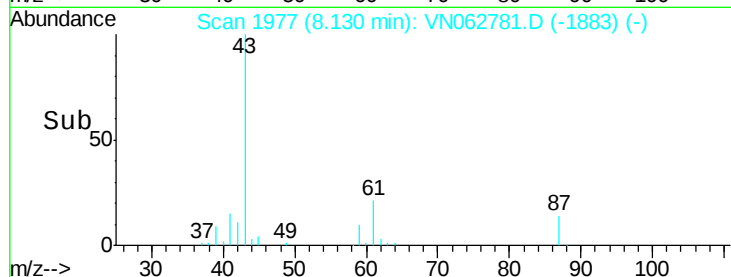
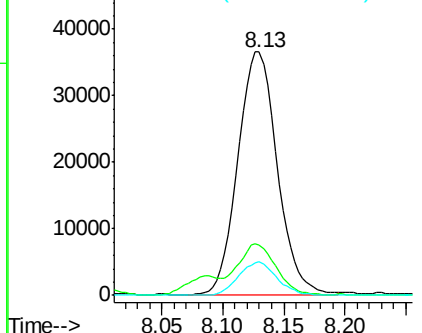
Tot Ion:	43	Resp:	82161
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.8	23.6
87	13.2	9.9	14.9

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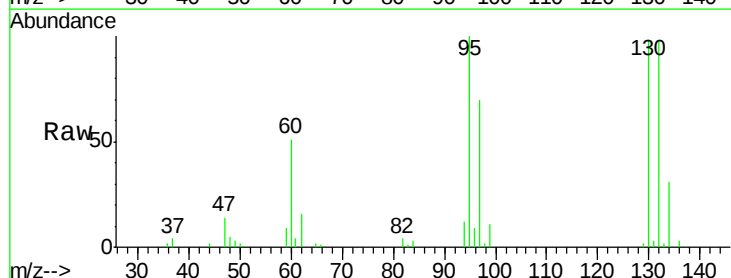


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)
Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)
Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)

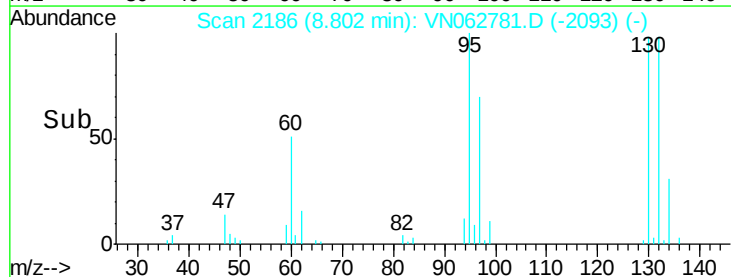
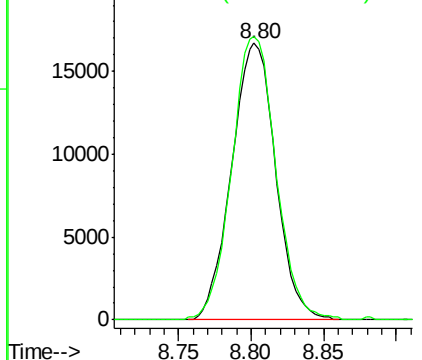


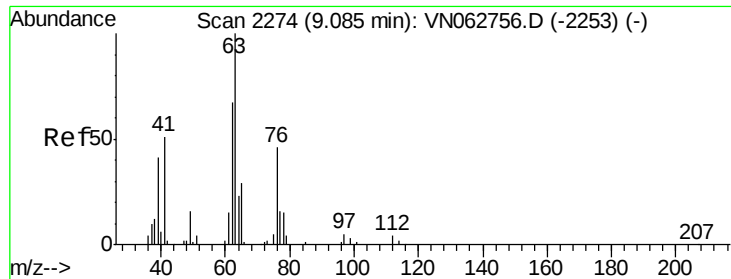
#44
Trichloroethene
Concen: 18.322 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion:	130	Resp:	35128
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)
Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 19.311 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 63 Resp: 41129

Ion Ratio Lower Upper

63 100

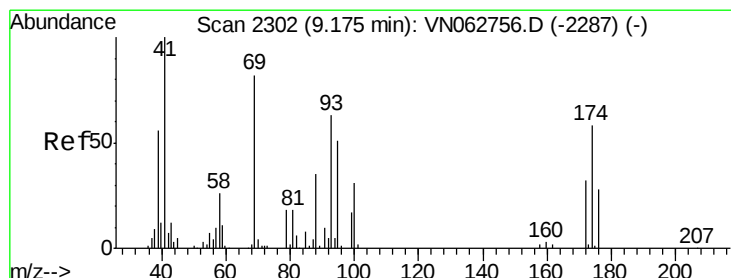
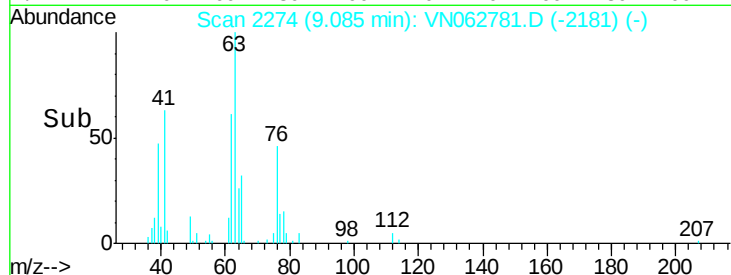
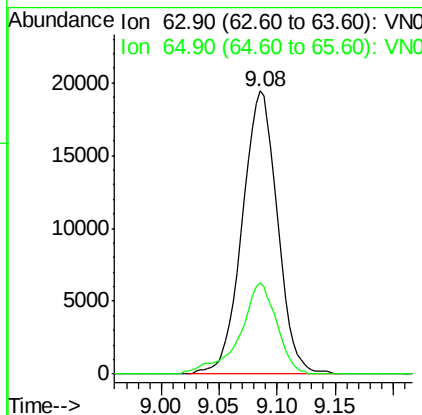
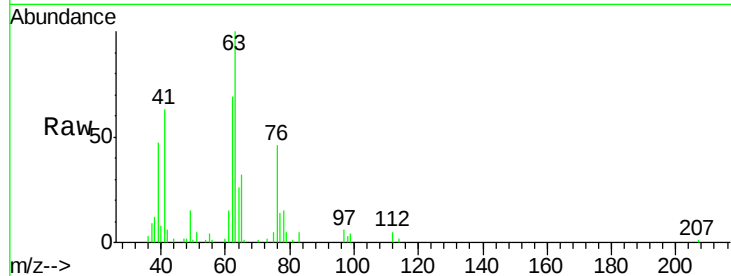
65 32.2 23.5 35.3

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#46

Dibromomethane

Concen: 19.187 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

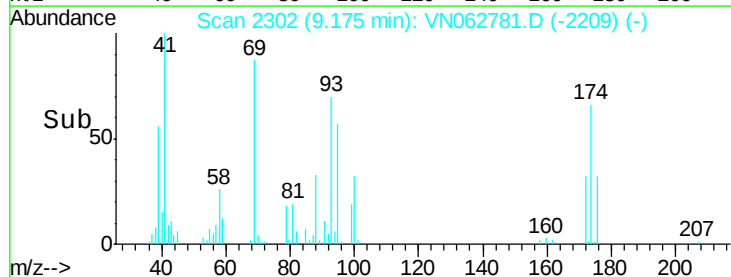
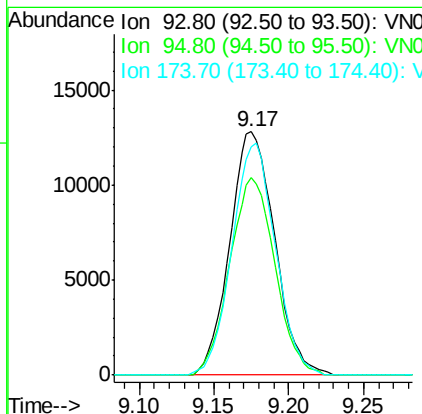
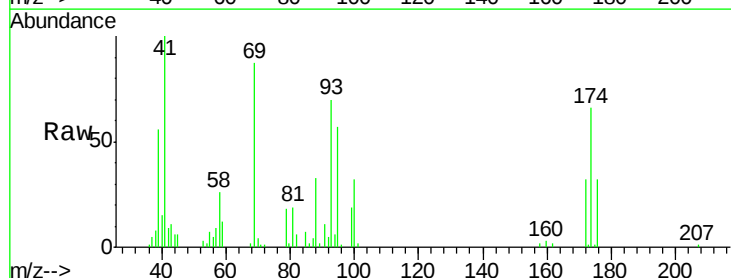
Tgt Ion: 93 Resp: 26775

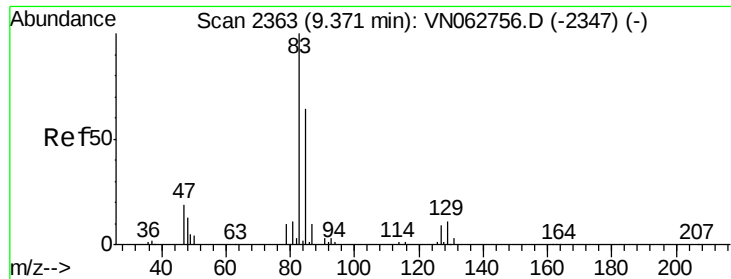
Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

174 92.2 73.9 110.9





#47

Bromodichloromethane

Concen: 18.875 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

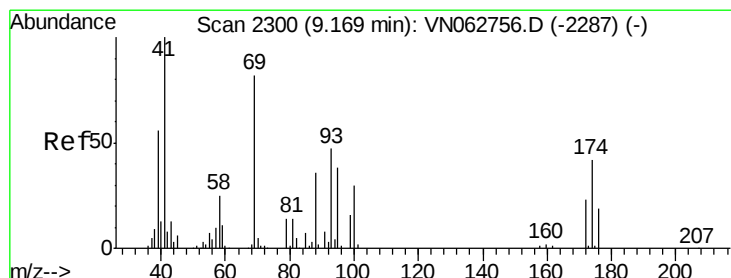
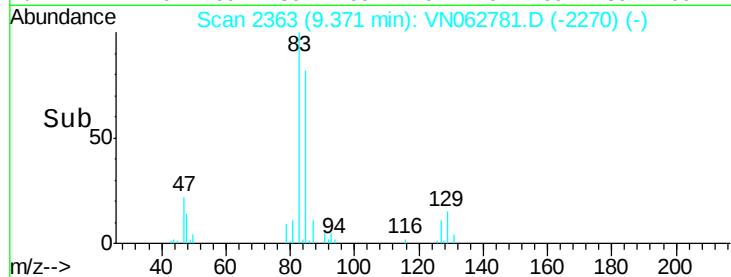
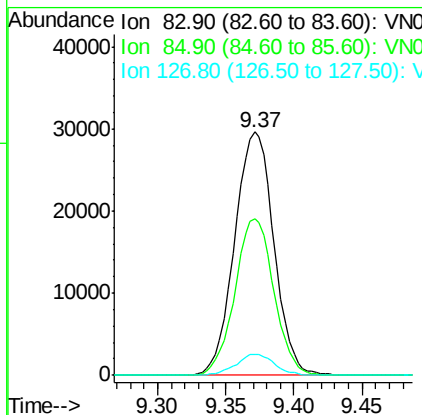
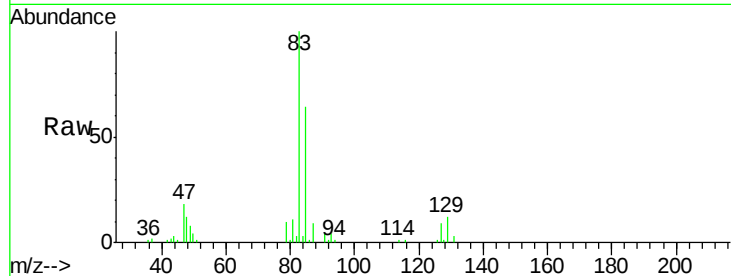
ClientSampleId :

VN0807WBSD01

Tot Ion:	83	Resp:	59159
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	8.8	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.055 ug/l

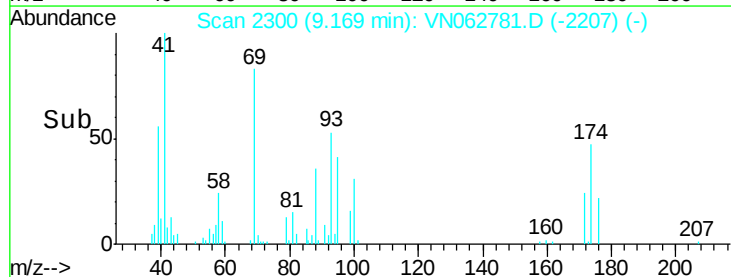
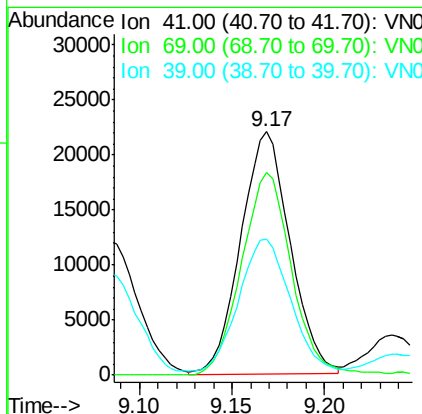
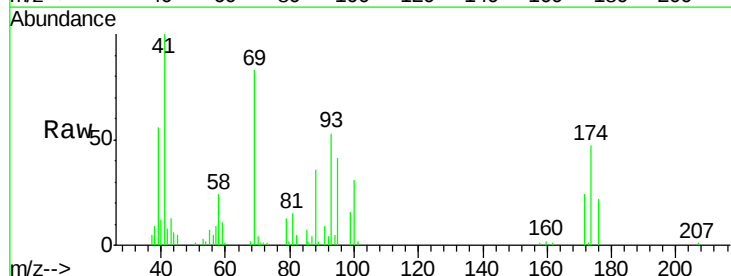
RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	41	Resp:	40805
Ion	Ratio	Lower	Upper
41	100		
69	84.6	67.4	101.2
39	59.0	47.6	71.4





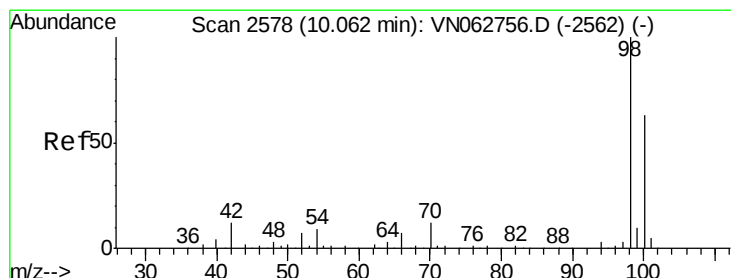
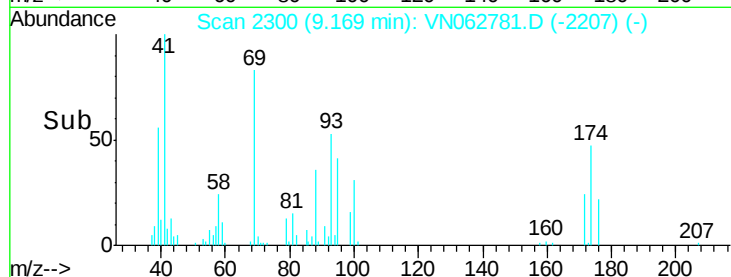
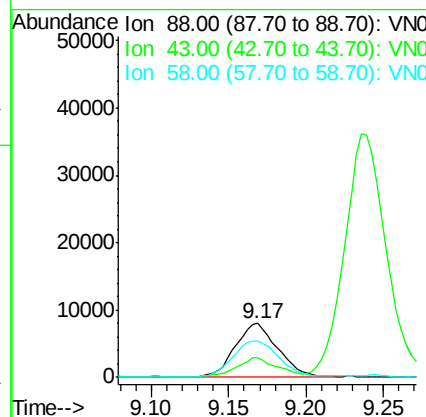
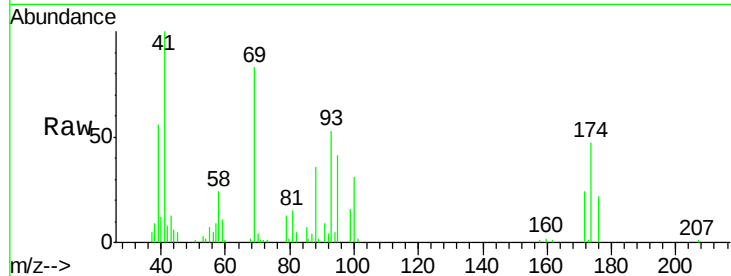
#49
1,4-Dioxane
Concen: 368.647 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.9	29.5	44.3	
58	73.5	59.8	89.8	

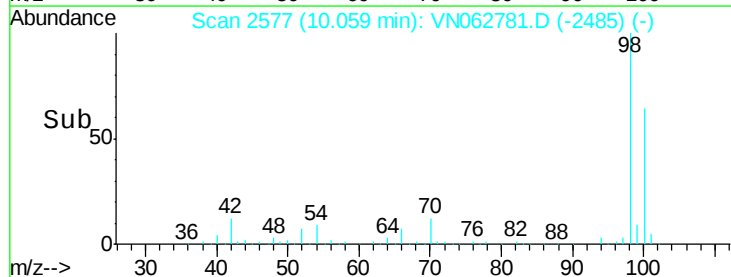
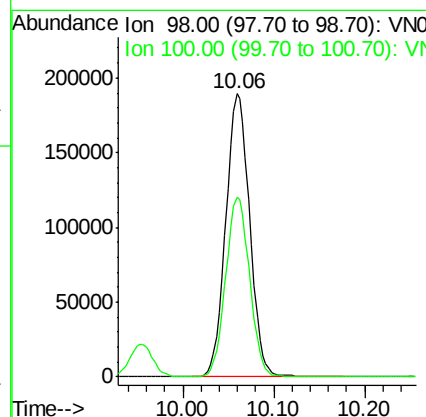
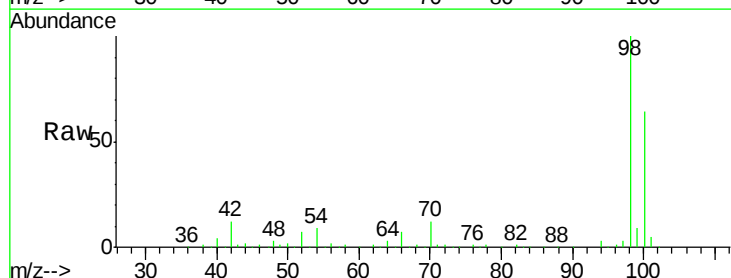
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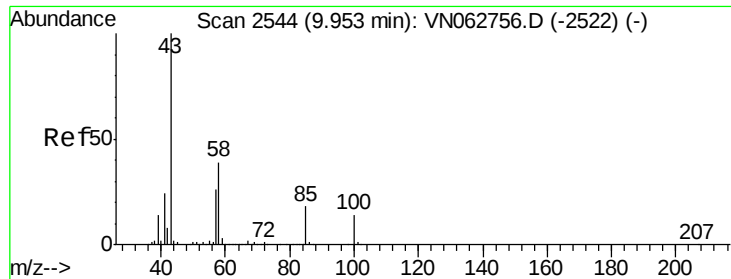
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#50
Toluene-d8
Concen: 47.798 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.9	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 94.915 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 43 Resp: 282178

Ion Ratio Lower Upper

43 100

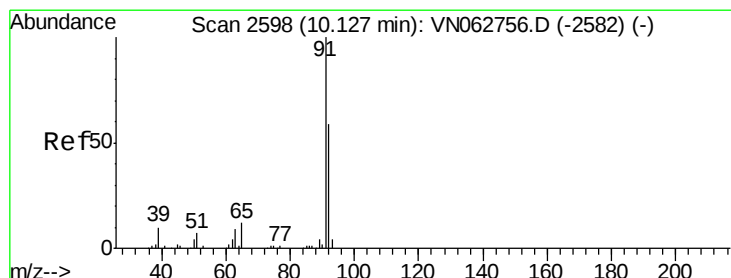
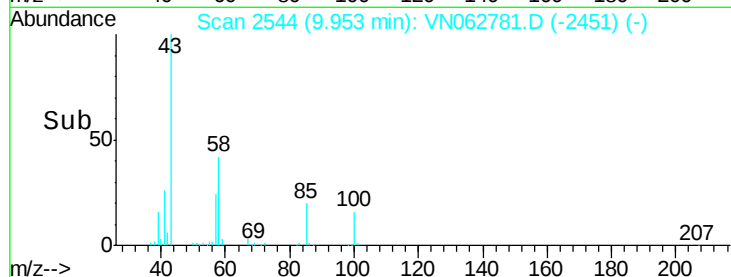
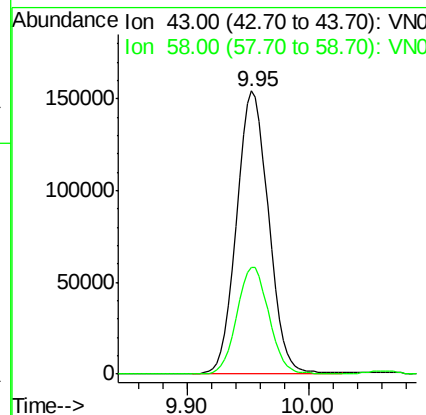
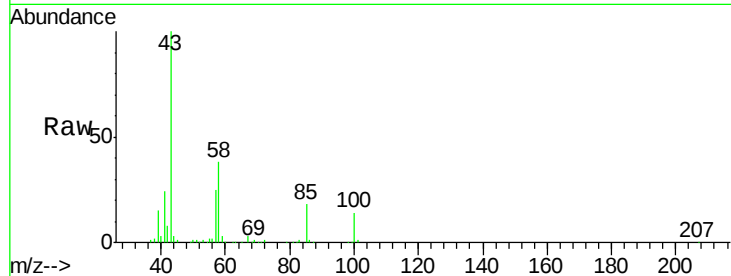
58 37.9 31.1 46.7

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#52

Toluene

Concen: 18.833 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062781.D

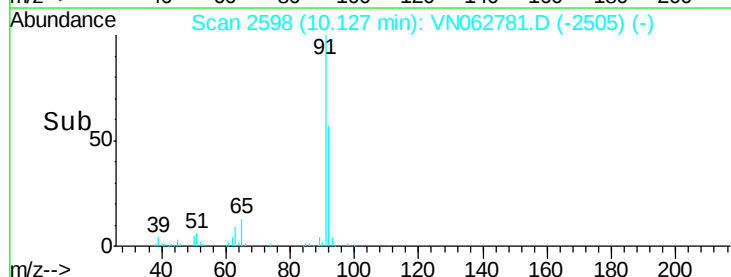
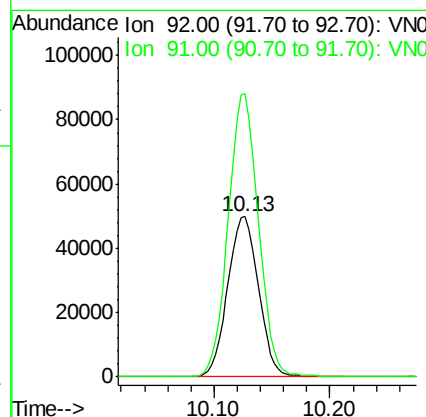
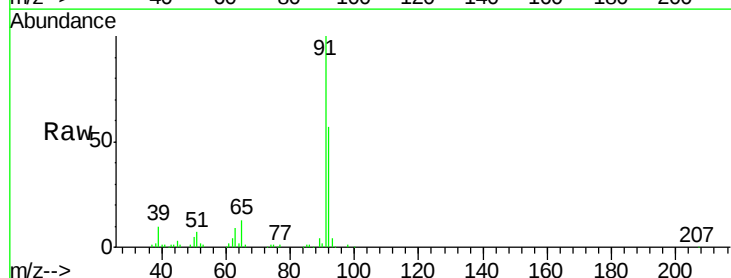
Acq: 7 Aug 2020 16:03

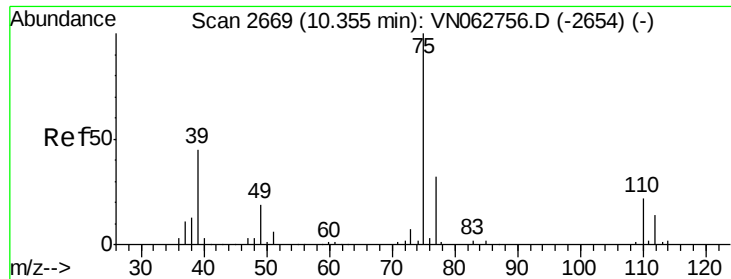
Tgt Ion: 92 Resp: 91505

Ion Ratio Lower Upper

92 100

91 173.7 138.9 208.3





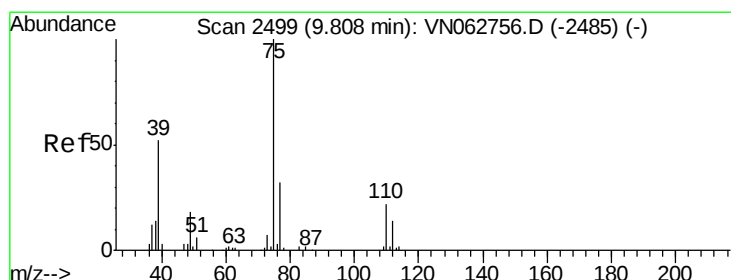
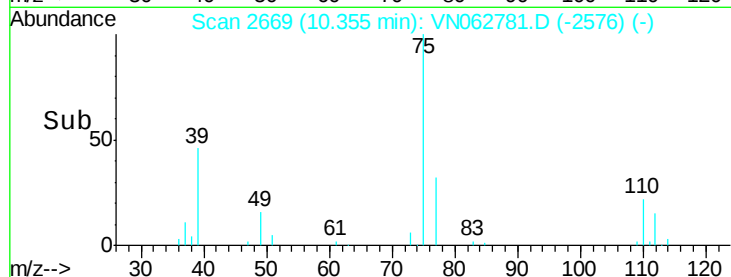
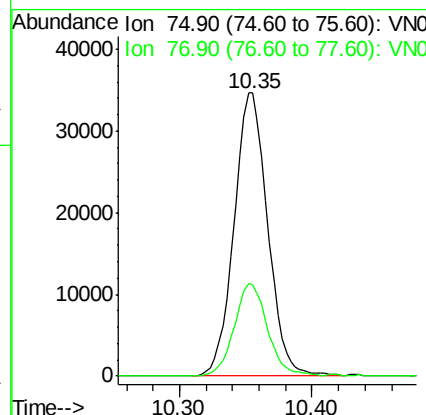
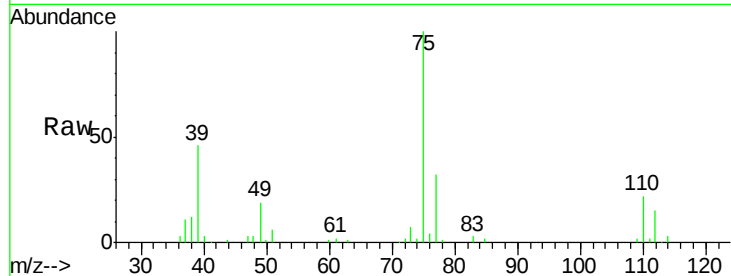
#53
t-1,3-Dichloropropene
Concen: 17.710 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.2

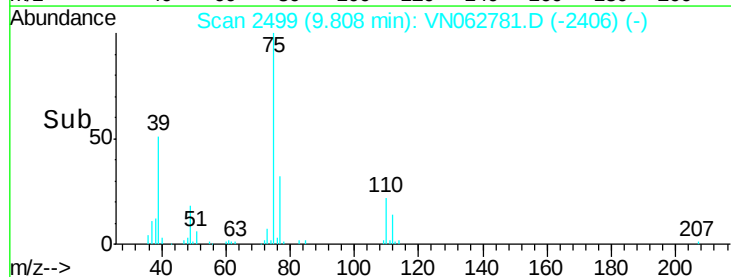
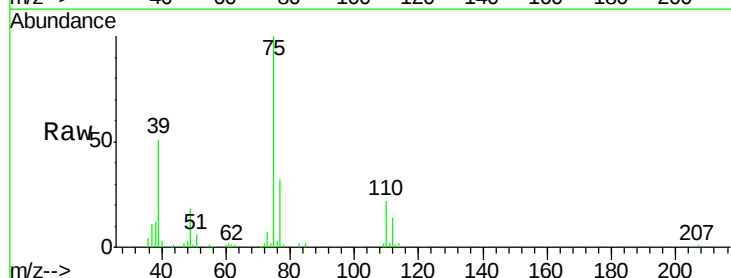
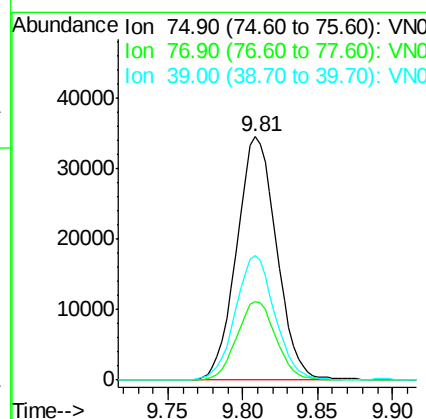
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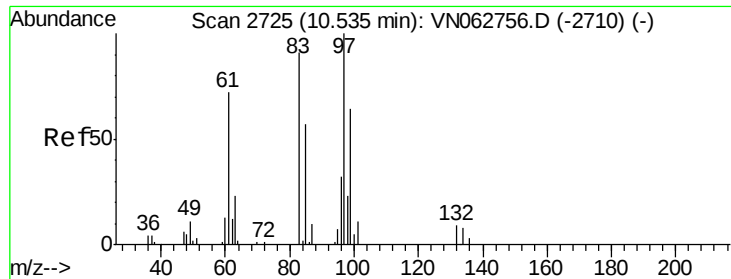
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#54
cis-1,3-Dichloropropene
Concen: 18.567 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
39	51.3	41.9	62.9





#55

1,1,2-Trichloroethane

Concen: 18.656 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 97 Resp: 38714

Ion Ratio Lower Upper

97 100

83 85.7 72.6 108.8

85 53.7 46.0 69.0

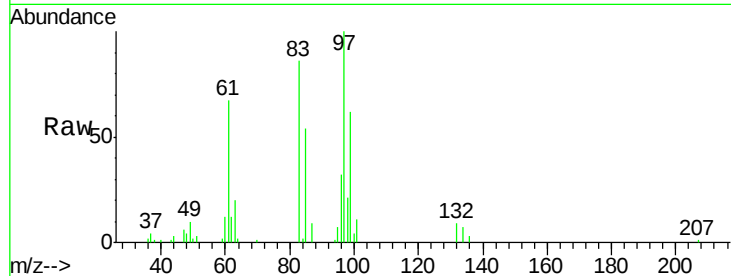
99 62.0 51.1 76.7

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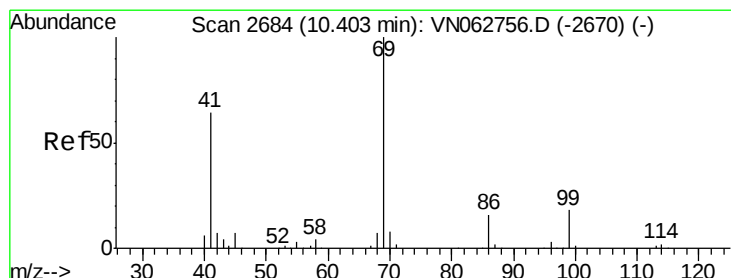
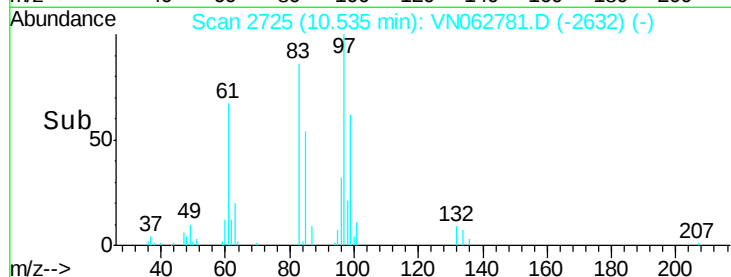
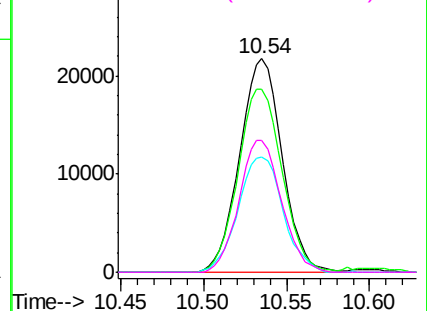


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.025 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

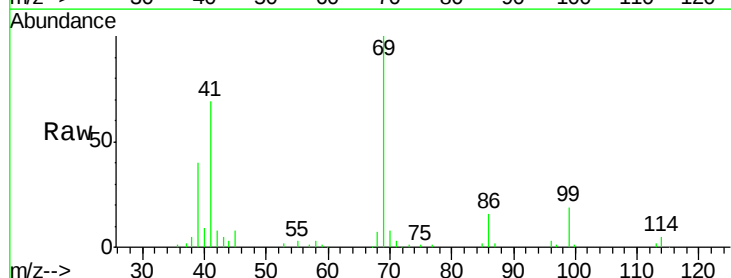
Tgt Ion: 69 Resp: 56301

Ion Ratio Lower Upper

69 100

41 69.1 52.2 78.2

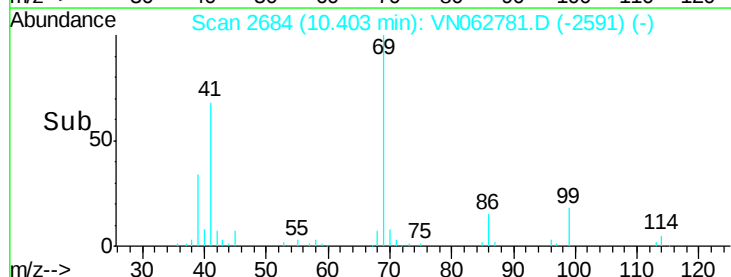
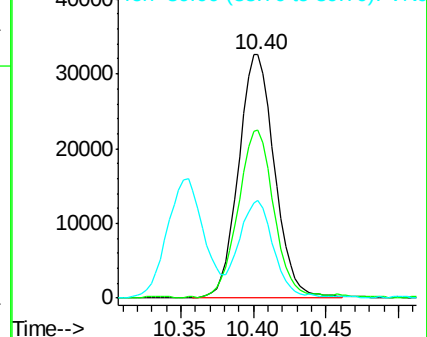
39 36.7 30.9 46.3

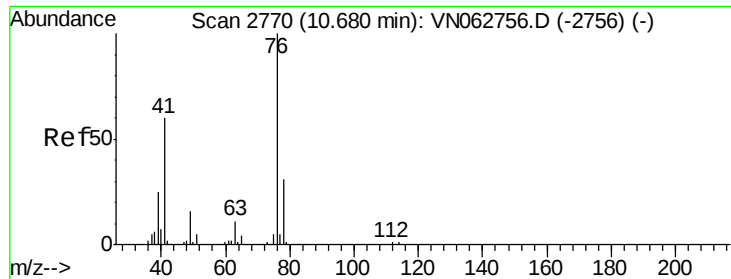


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.256 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 76 Resp: 67896

Ion Ratio Lower Upper

76 100

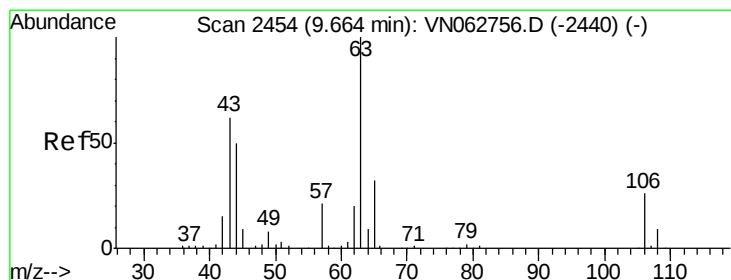
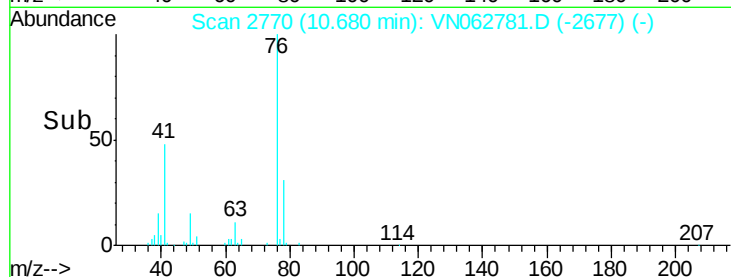
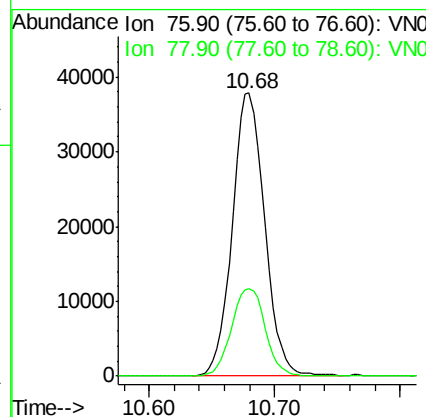
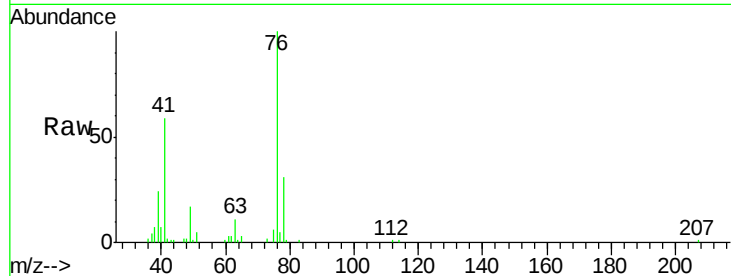
78 32.1 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 78.579 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062781.D

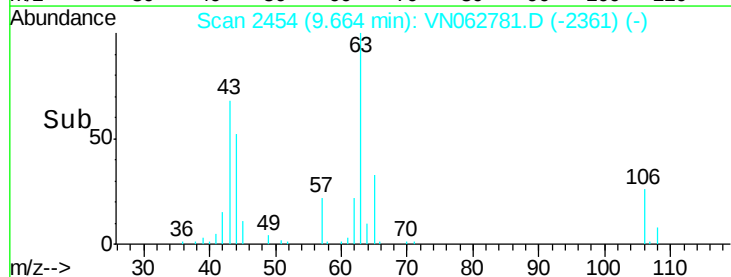
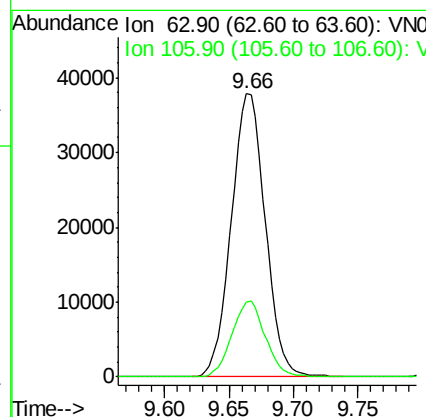
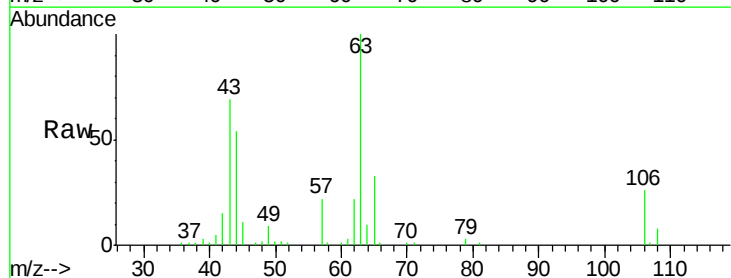
Acq: 7 Aug 2020 16:03

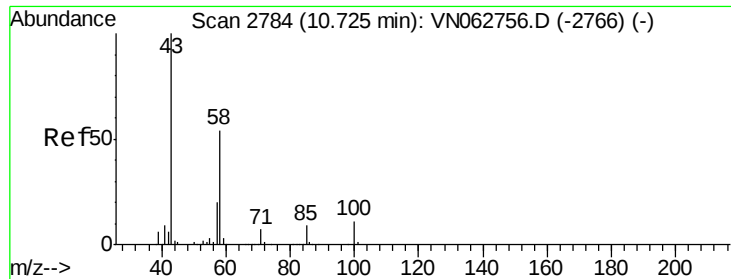
Tgt Ion: 63 Resp: 69377

Ion Ratio Lower Upper

63 100

106 26.2 20.9 31.3





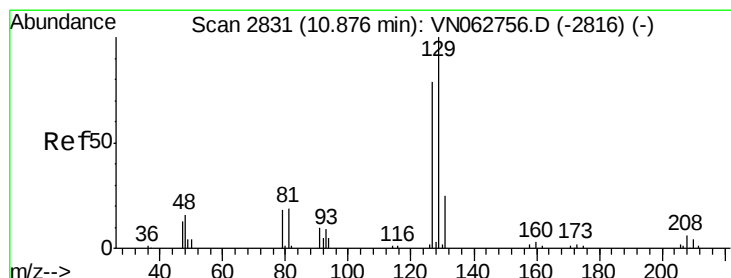
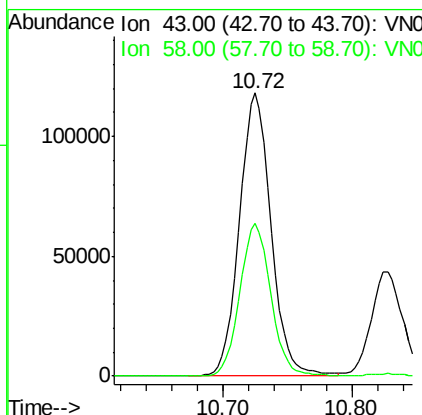
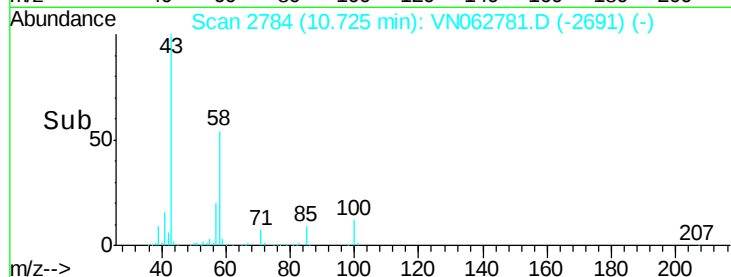
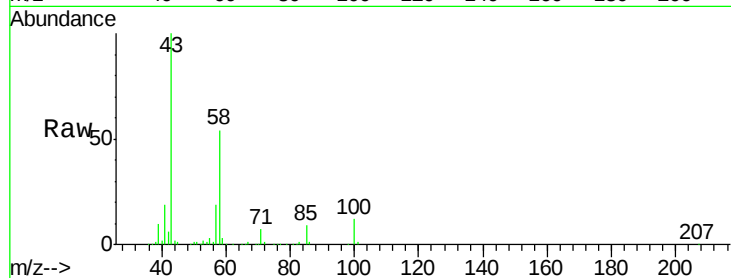
#59
2-Hexanone
Concen: 91.002 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion: 43 Resp: 201811
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1

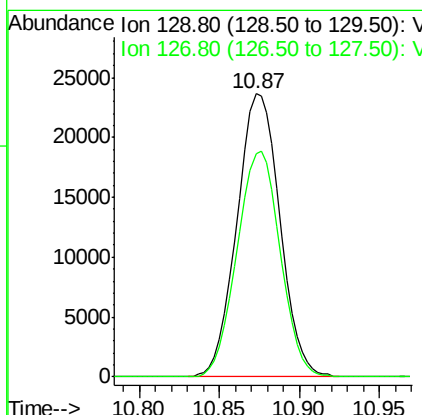
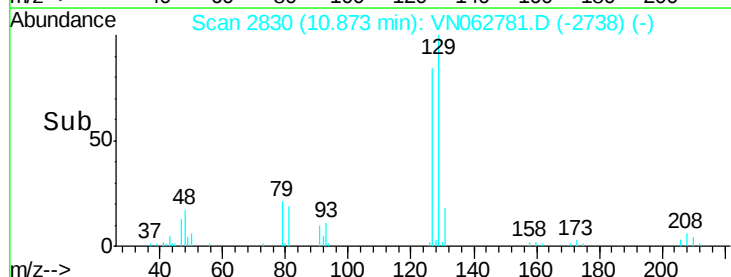
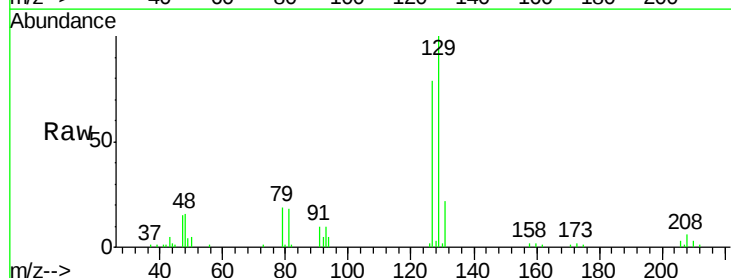
Manual Integrations
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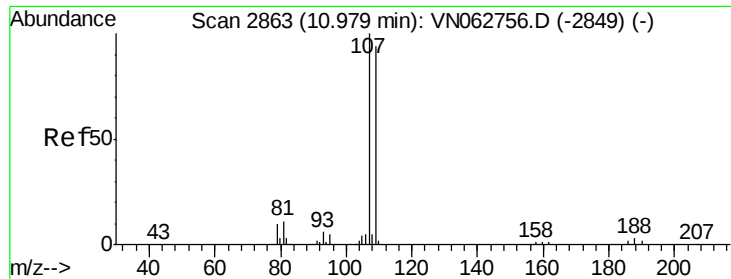
MMDadoda
8/10/2020 12:24:36 PM



#60
Dibromochloromethane
Concen: 18.315 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 129 Resp: 43371
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.2





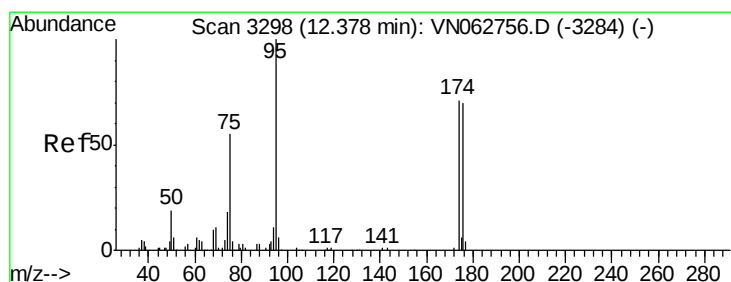
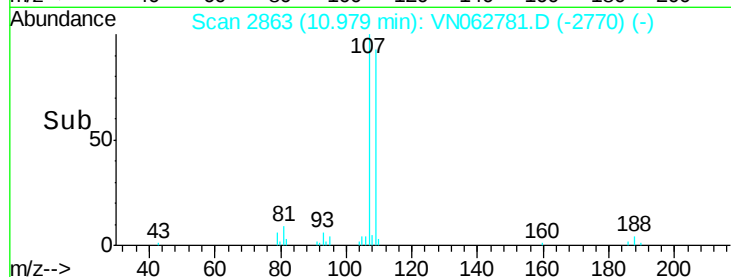
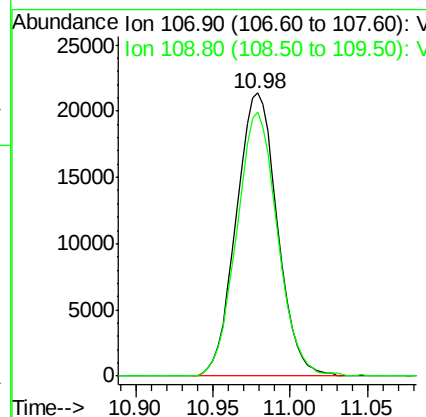
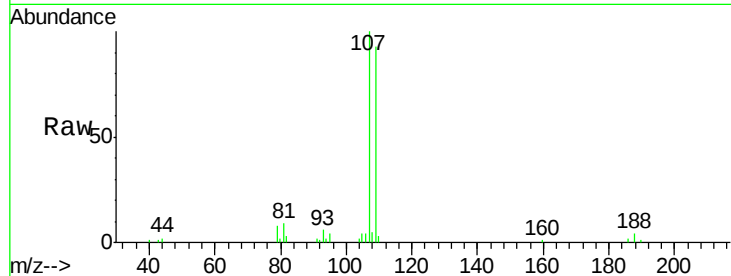
#61
 1,2-Dibromoethane
 Concen: 19.238 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	76.1	114.1

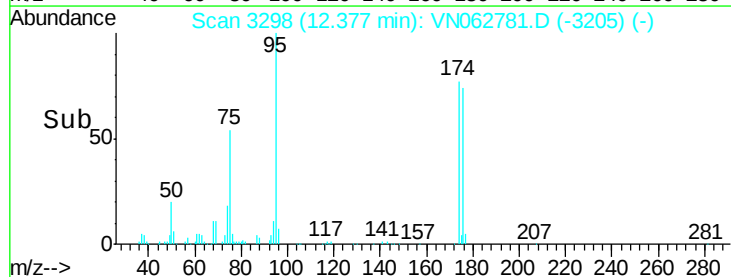
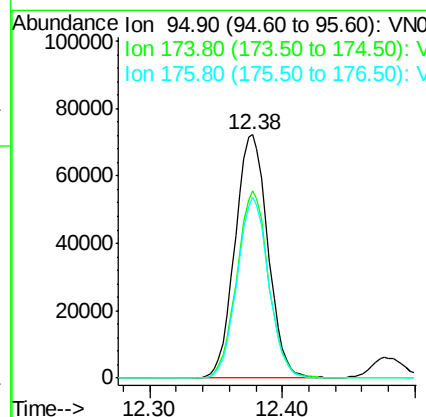
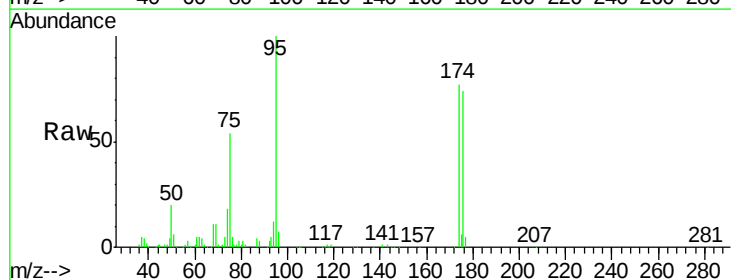
Manual Integrations
 APPROVED

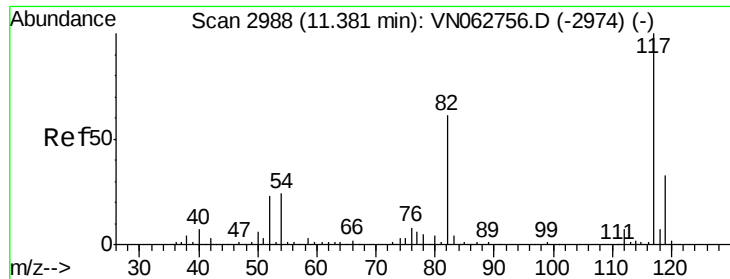
MMDadoda
 8/10/2020 12:24:36 PM



#62
 4-Bromofluorobenzene
 Concen: 45.569 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	144.8
176	71.0	0.0	142.2





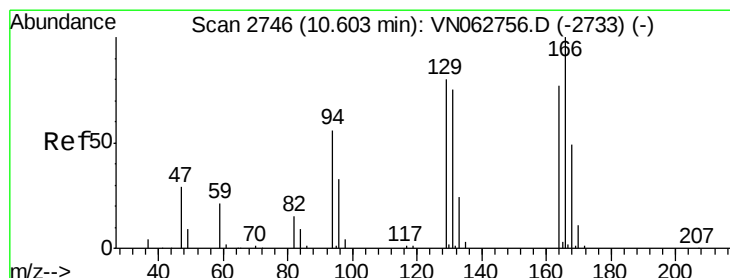
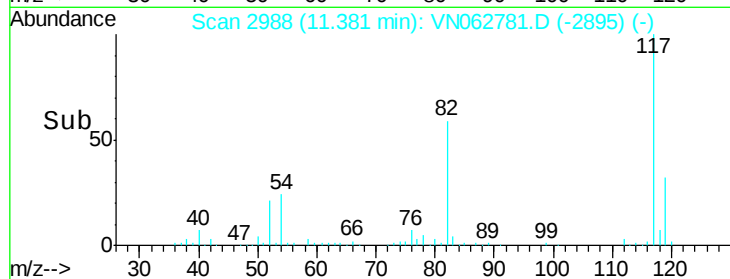
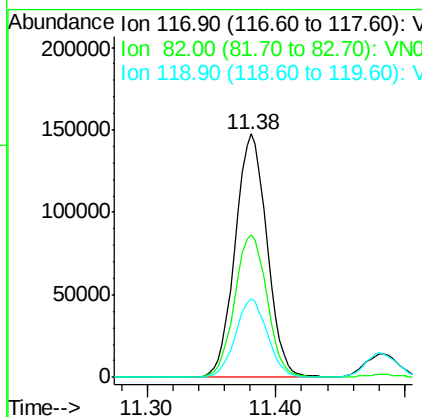
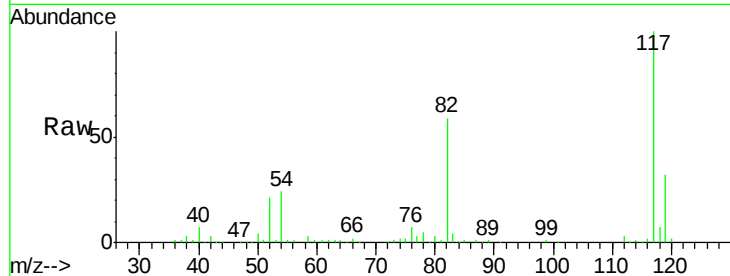
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	49.0	73.4
119	32.5	26.2	39.2

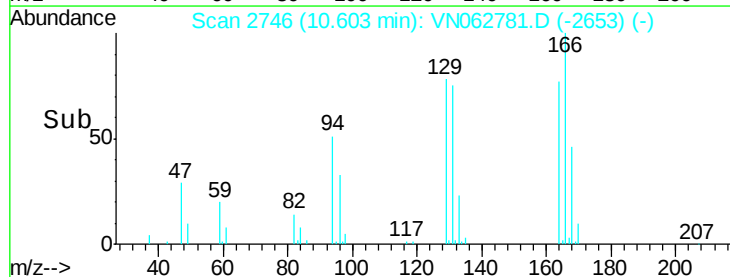
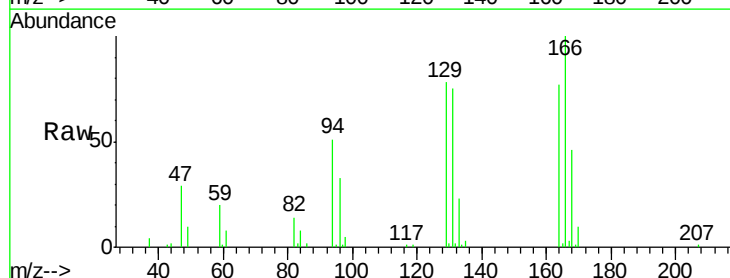
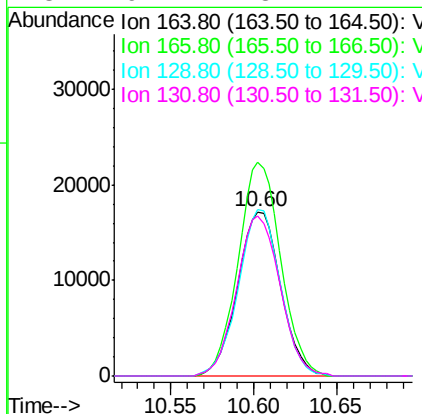
Manual Integrations
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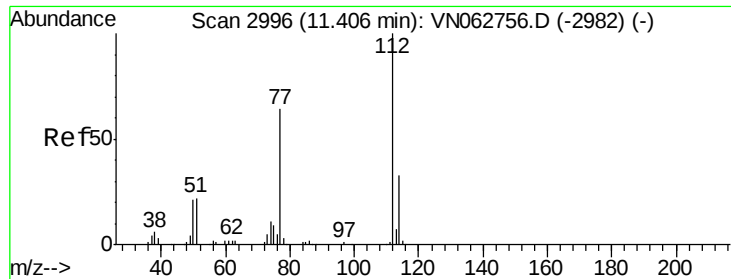
MMDadoda
8/10/2020 12:24:36 PM



#64
Tetrachloroethene
Concen: 18.954 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.8	155.8
129	101.4	82.7	124.1
131	97.4	78.2	117.2





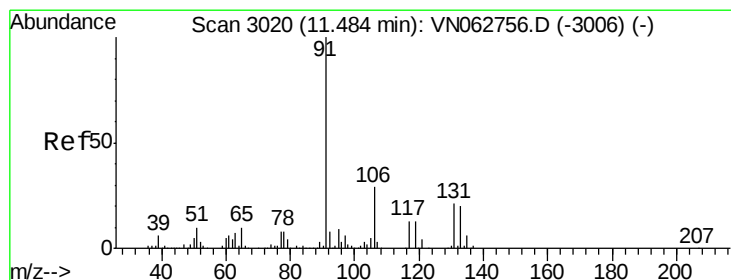
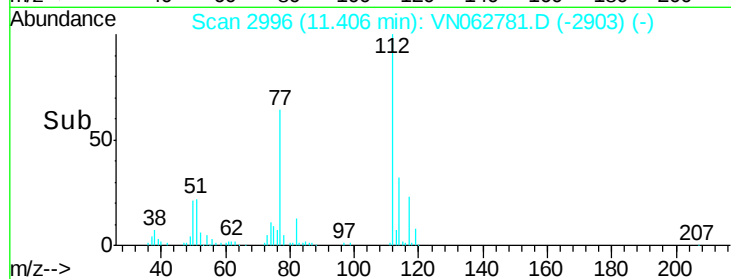
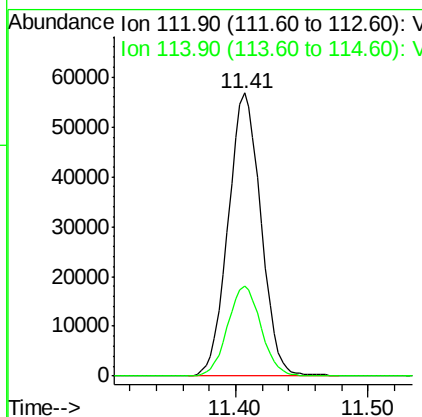
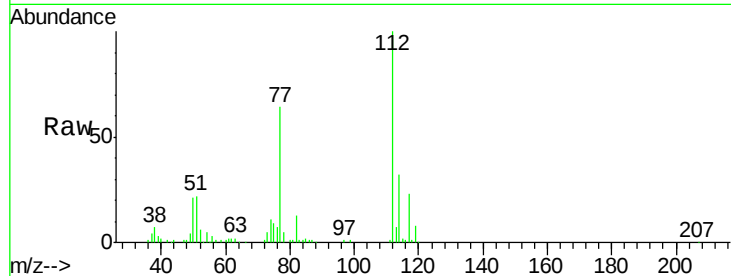
#65
Chlorobenzene
Concen: 18.386 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.4

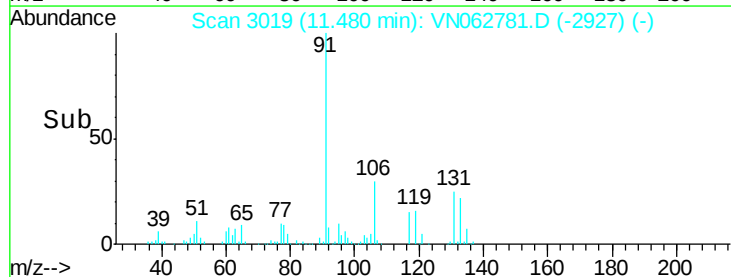
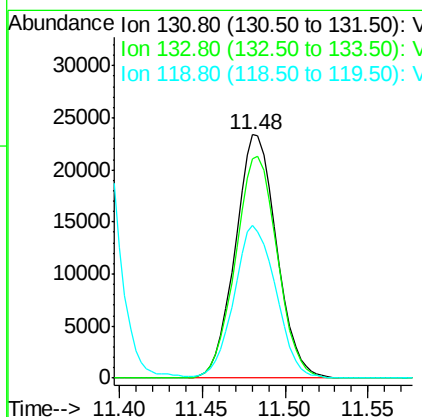
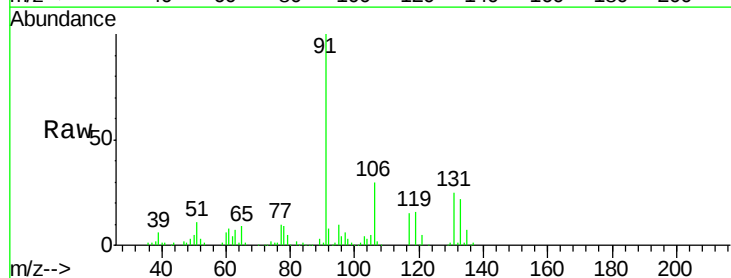
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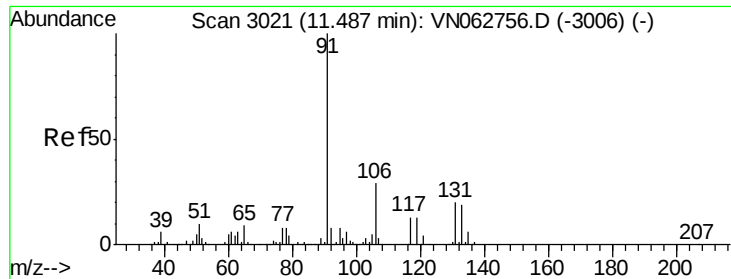
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.022 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.1	48.6	145.8
119	63.7	32.2	96.6





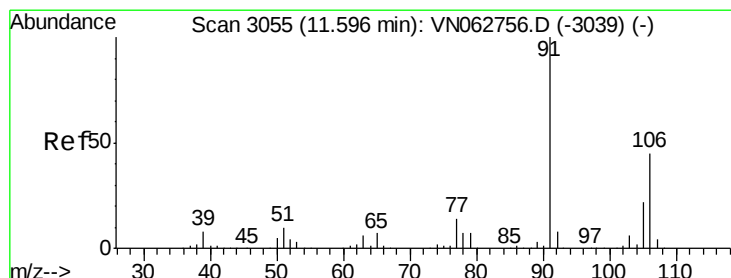
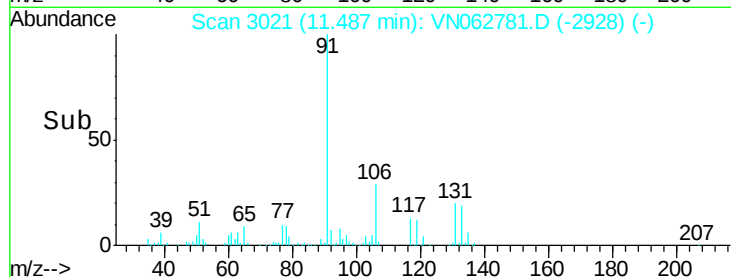
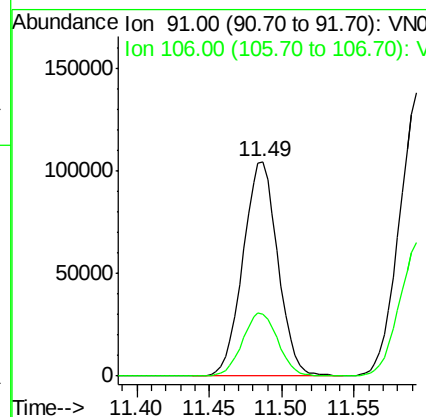
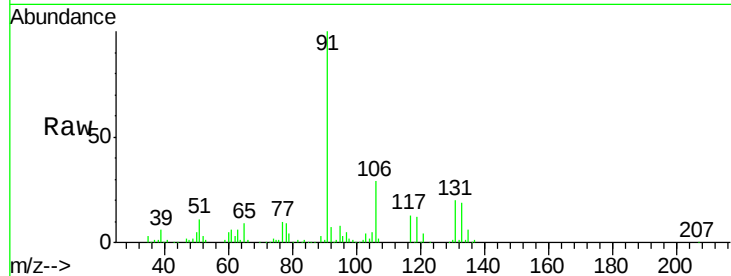
#67
Ethyl Benzene
Concen: 18.407 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion: 91 Resp: 174772
Ion Ratio Lower Upper
91 100
106 29.0 23.2 34.8

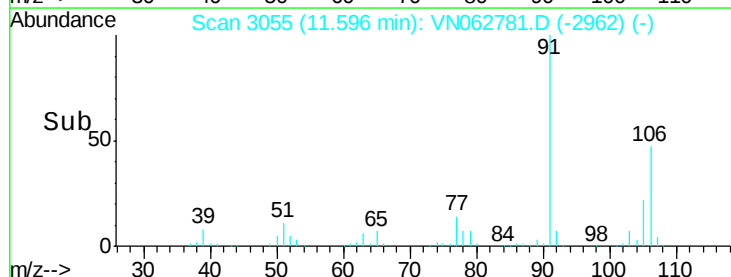
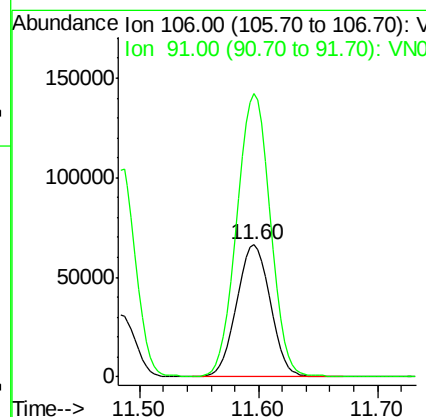
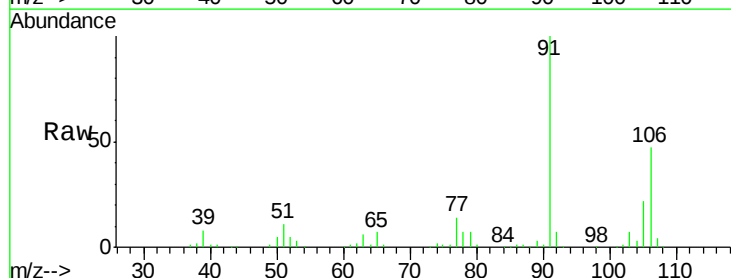
Manual Integrations
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#68
m/p-Xylenes
Concen: 37.916 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 106 Resp: 130685
Ion Ratio Lower Upper
106 100
91 212.2 175.9 263.9





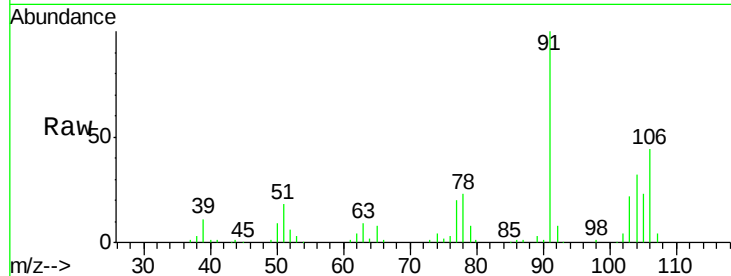
#69
o-Xylene
Concen: 19.029 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

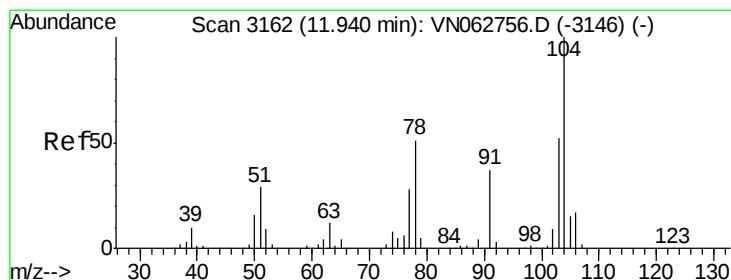
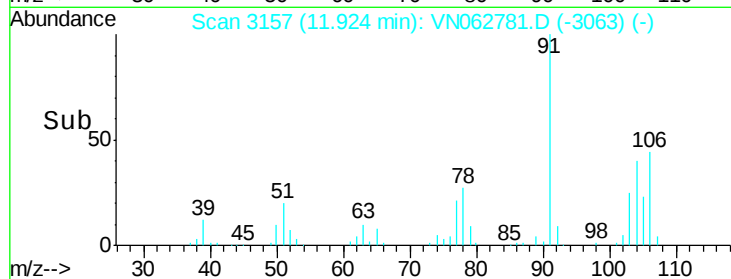
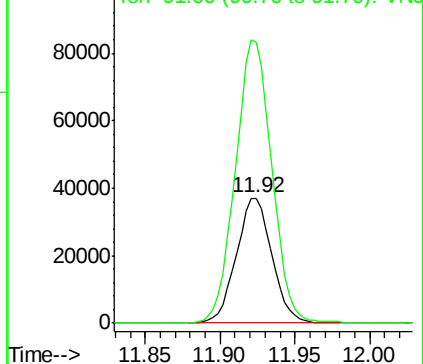
Tot Ion:106 Resp: 61463
Ion Ratio Lower Upper
106 100
91 232.0 115.8 347.4

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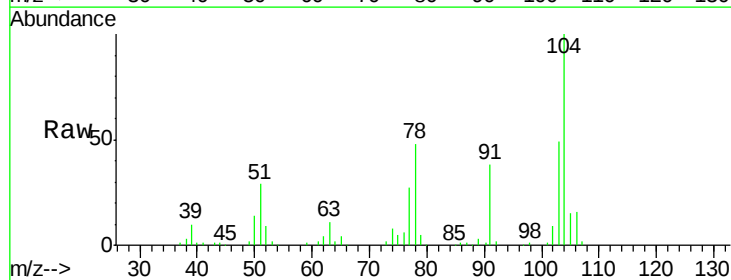


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

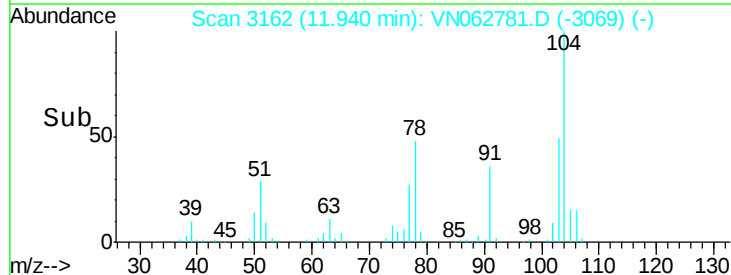
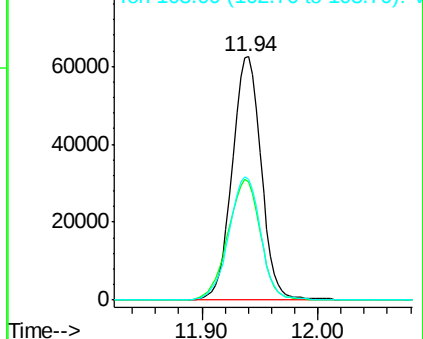


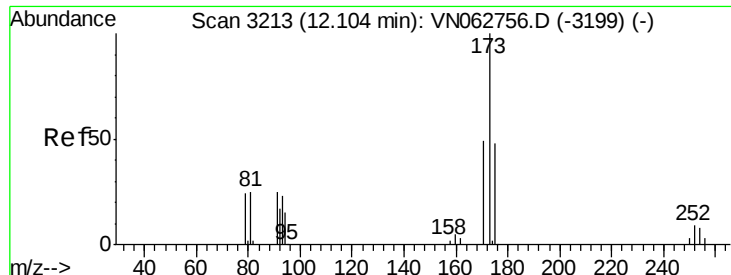
#70
Styrene
Concen: 19.071 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion:104 Resp: 108275
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 55.3 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





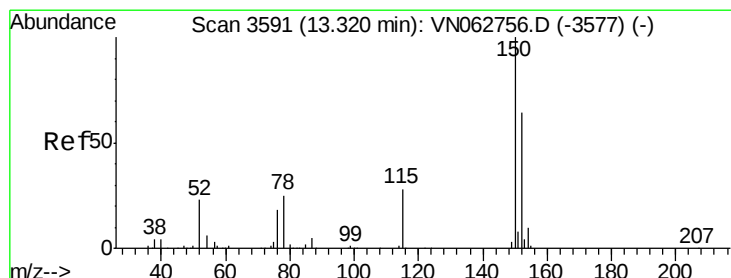
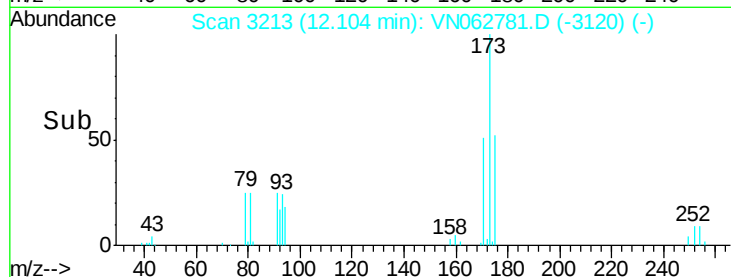
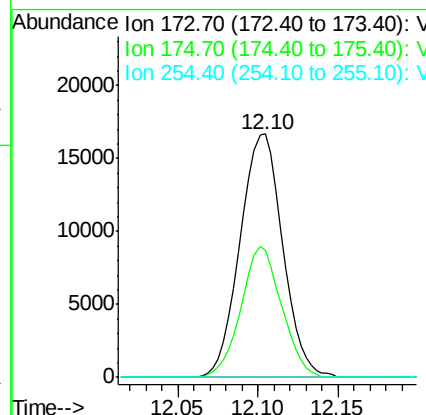
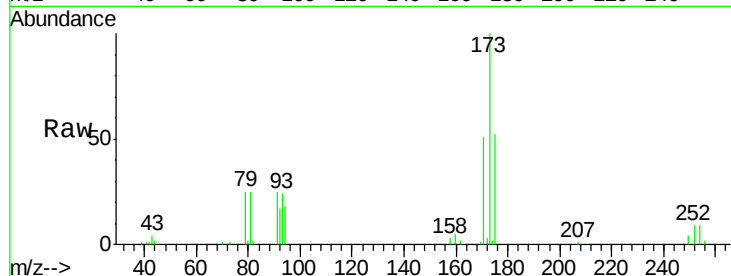
#71
Bromoform
Concen: 17.404 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.0	72.0
254	0.0	0.0	0.0

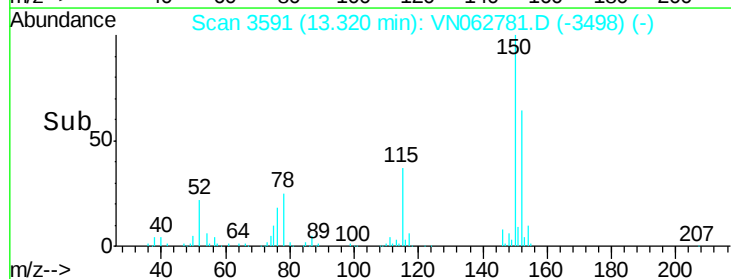
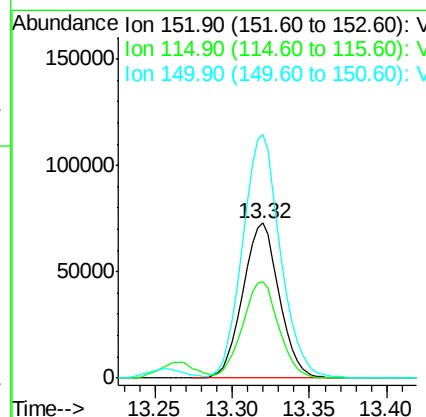
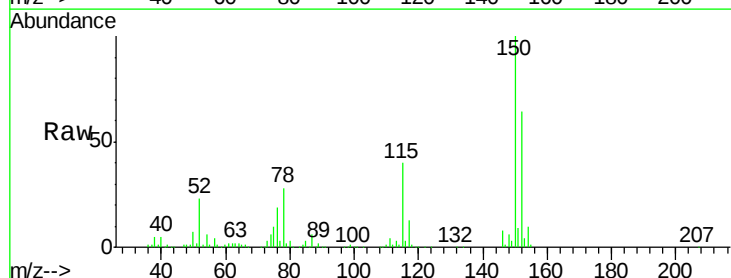
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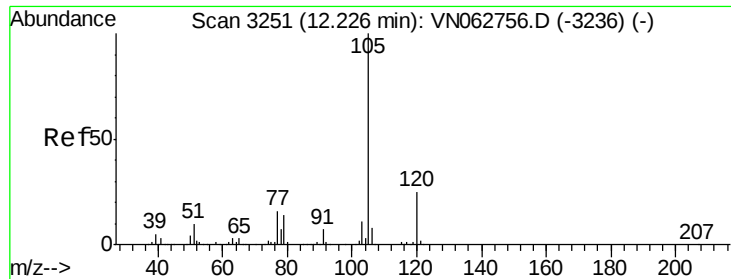
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.6	94.8
150	162.0	0.0	349.2





#73

Isopropylbenzene

Concen: 19.038 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 105 Resp: 171221

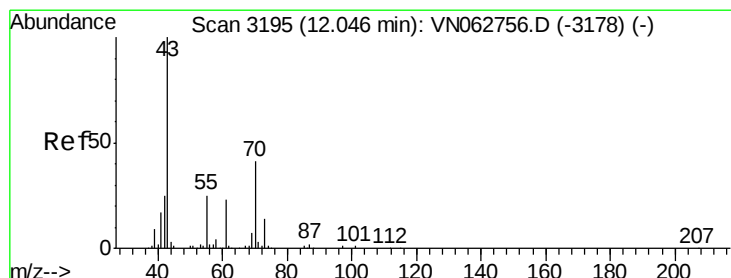
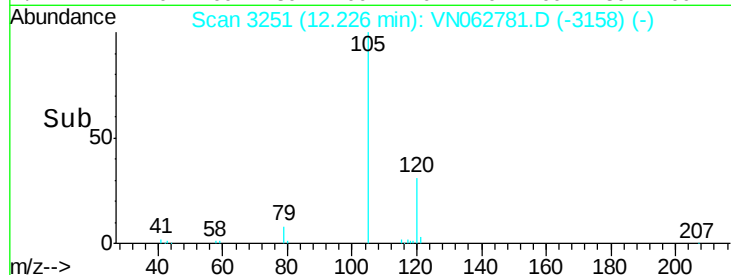
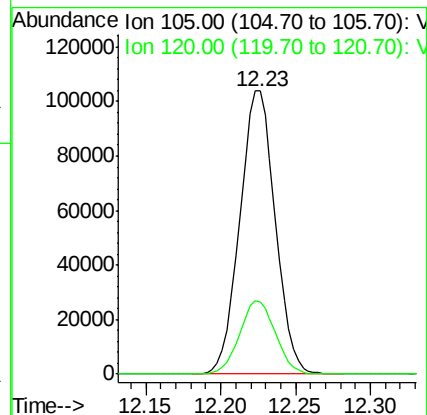
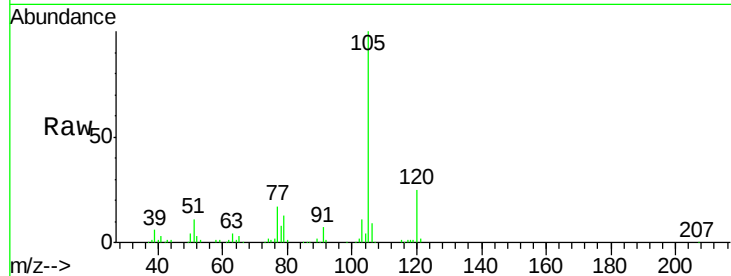
Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.361 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion: 43 Resp: 70563

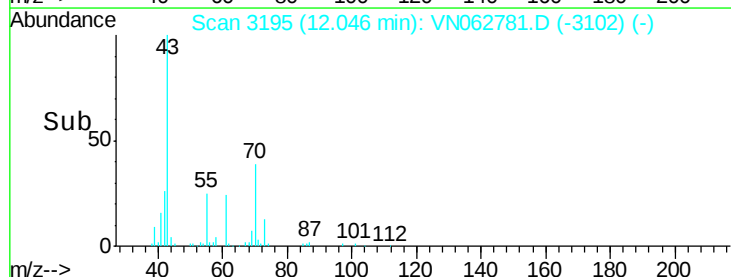
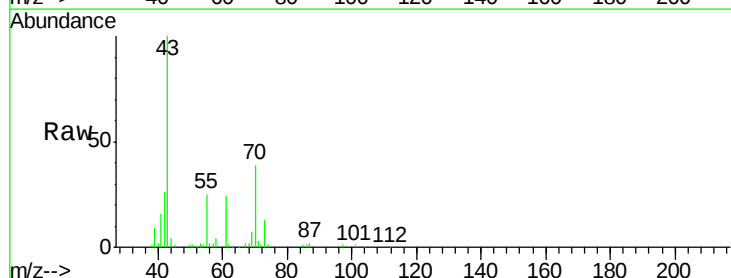
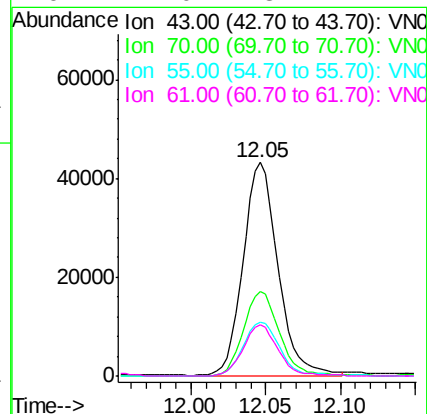
Ion Ratio Lower Upper

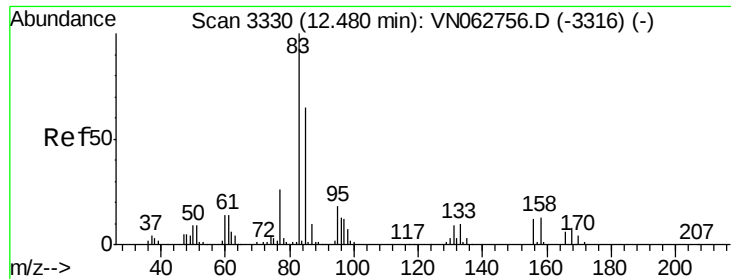
43 100

70 40.3 32.3 48.5

55 26.2 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.145 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

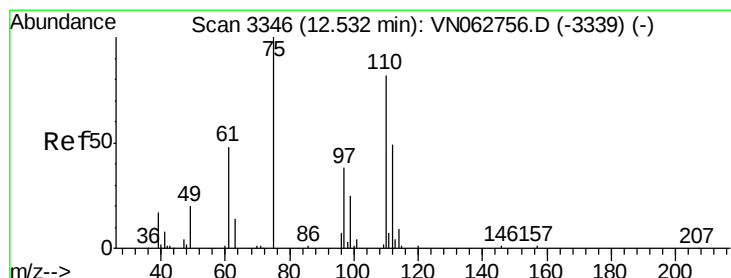
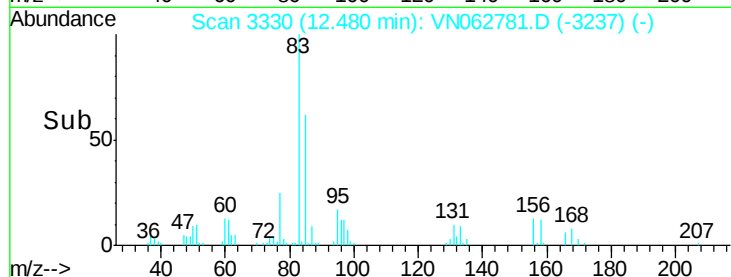
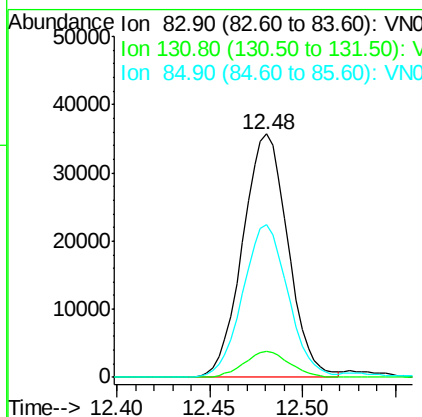
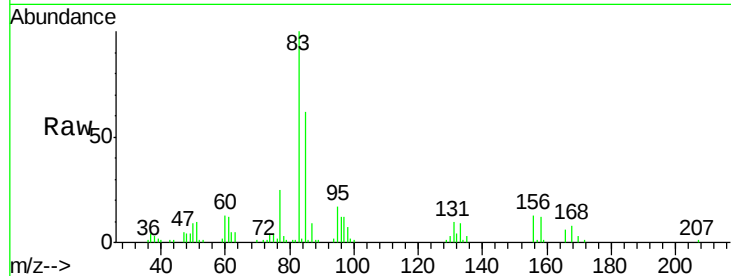
ClientSampleId :

VN0807WBSD01

Tot Ion:	83	Resp:	60611
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	62.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.489 ug/l m

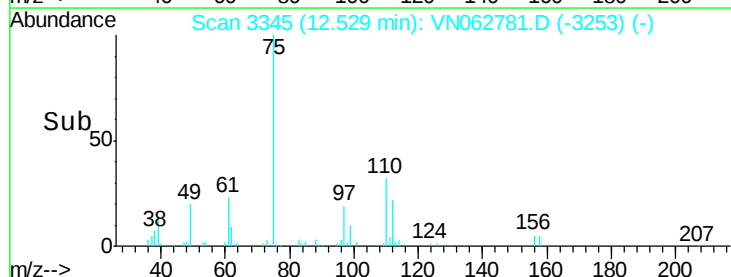
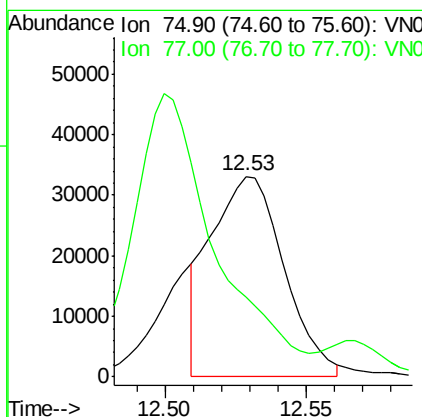
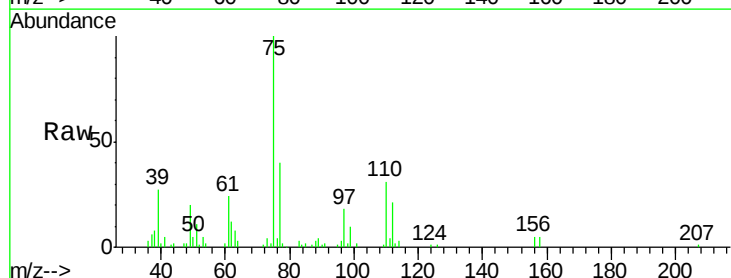
RT: 12.53 min Scan# 3345

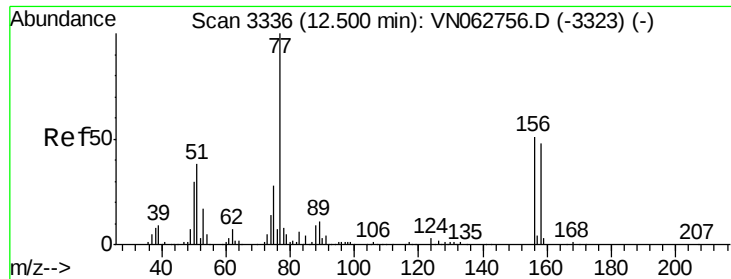
Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	75	Resp:	59555
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.745 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion:156 Resp: 41888

Ion Ratio Lower Upper

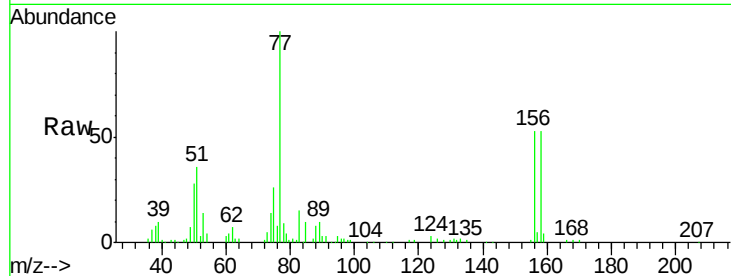
156 100

77 229.1 119.7 359.1

158 99.0 48.1 144.3

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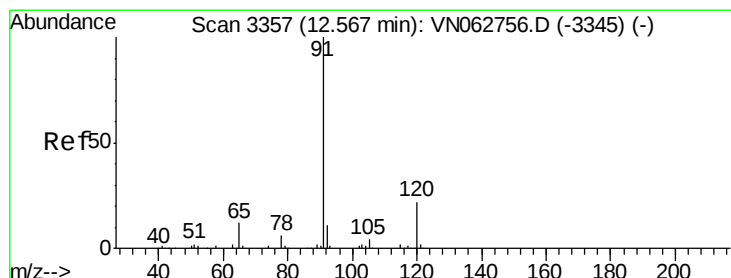
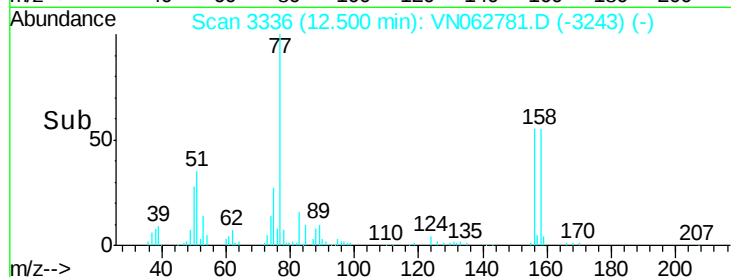
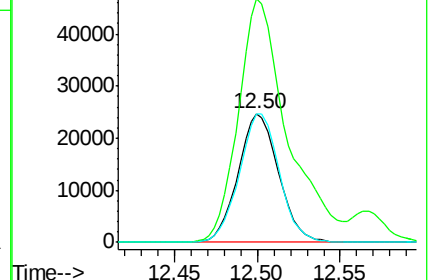
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.876 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062781.D

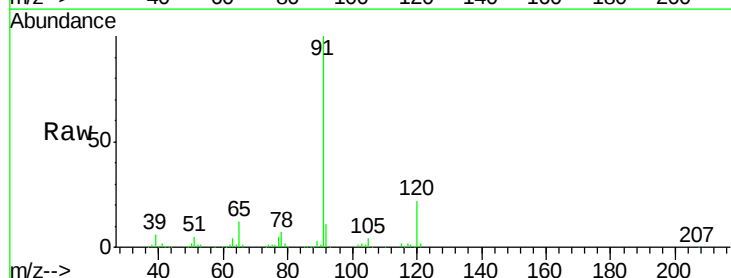
Acq: 7 Aug 2020 16:03

Tgt Ion: 91 Resp: 199274

Ion Ratio Lower Upper

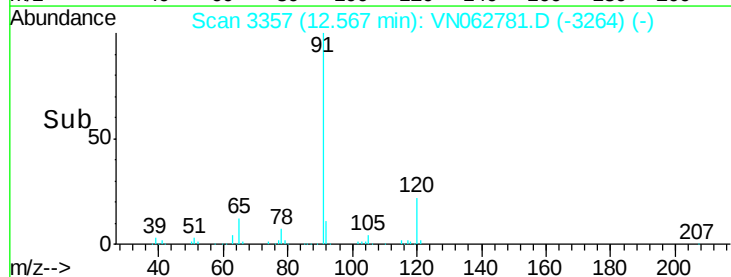
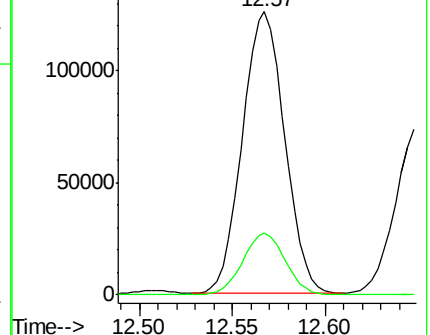
91 100

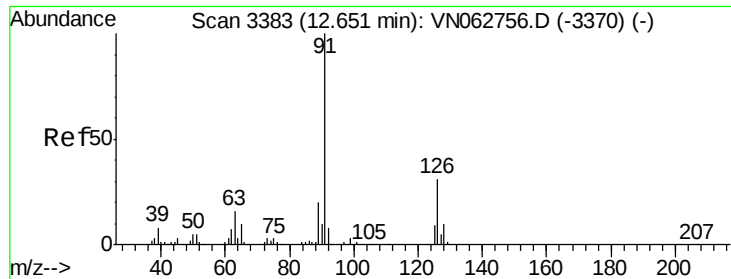
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.782 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 91 Resp: 124345

Ion Ratio Lower Upper

91 100

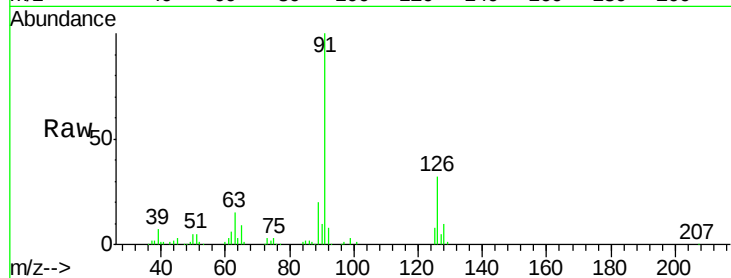
126 33.1 15.6 46.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062781.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN062781.D (-3290) (-)

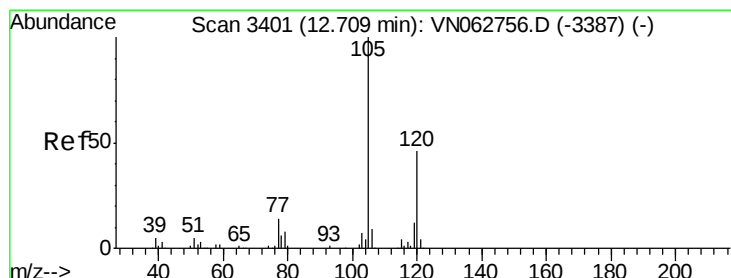
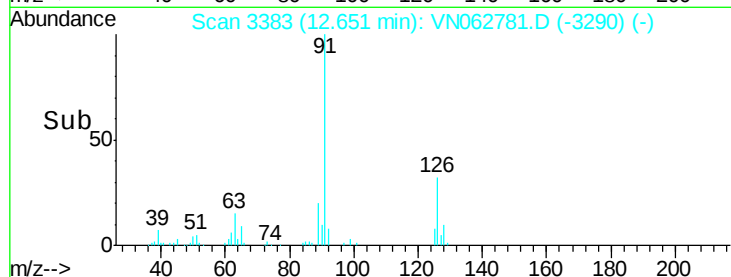
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.681 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062781.D

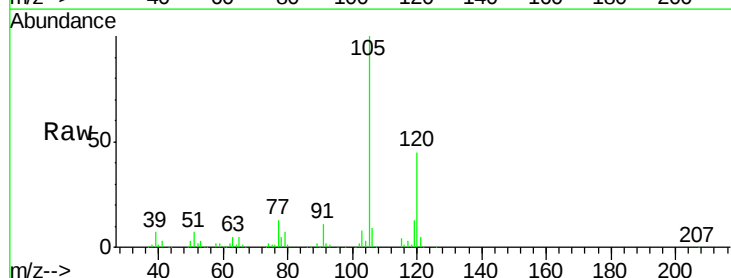
Acq: 7 Aug 2020 16:03

Tgt Ion: 105 Resp: 153554

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062781.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062781.D (-3308) (-)

100000

80000

60000

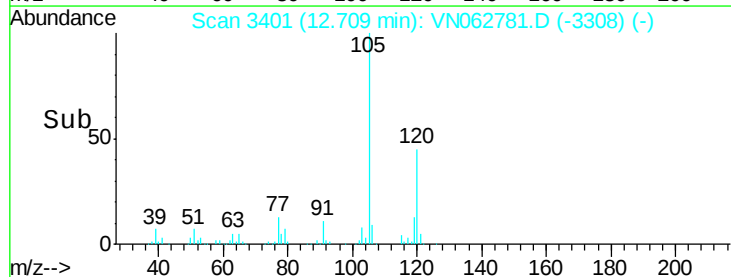
40000

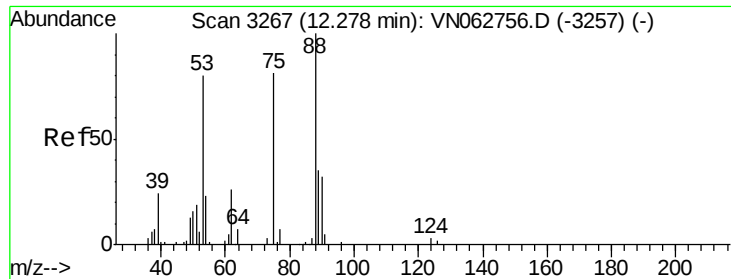
20000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.334 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

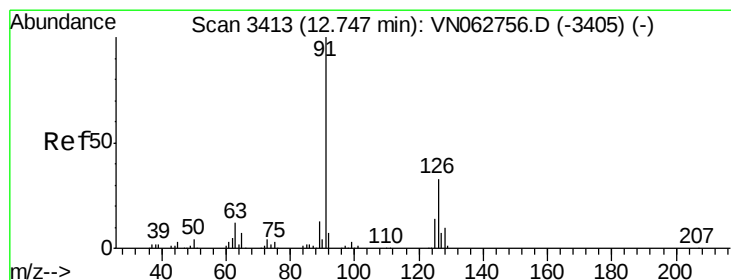
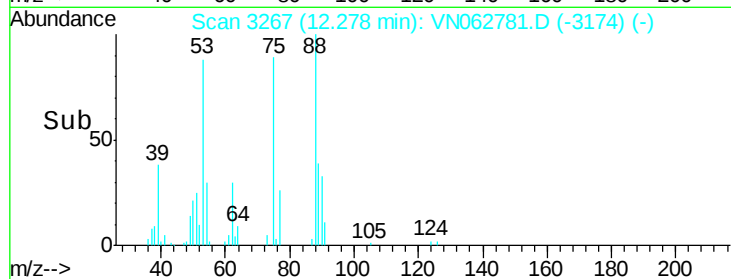
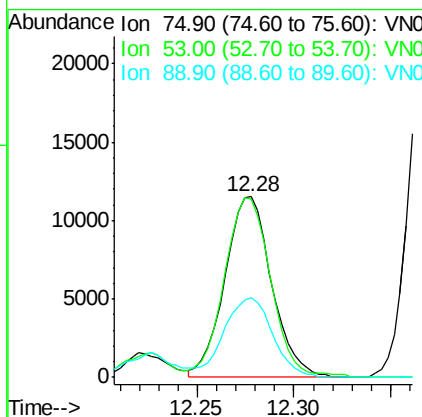
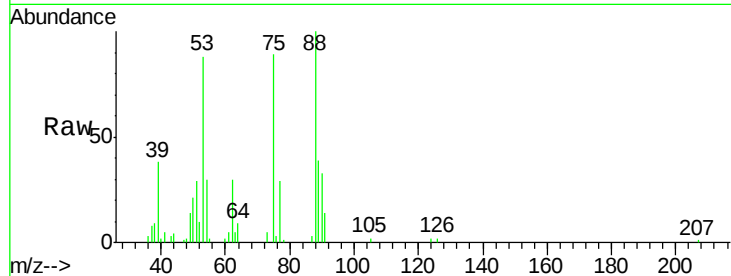
ClientSampleId :

VN0807WBSD01

Tot Ion:	75	Resp:	19345
Ion Ratio	Lower	Upper	
75	100		
53	99.5	79.1	118.7
89	46.2	36.2	54.2

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#82

4-Chlorotoluene

Concen: 18.289 ug/l

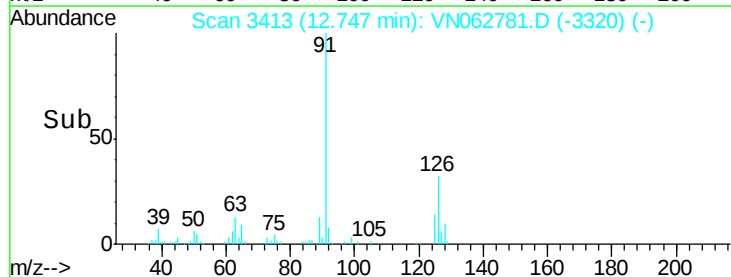
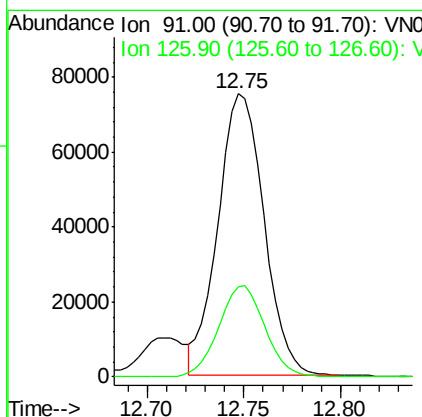
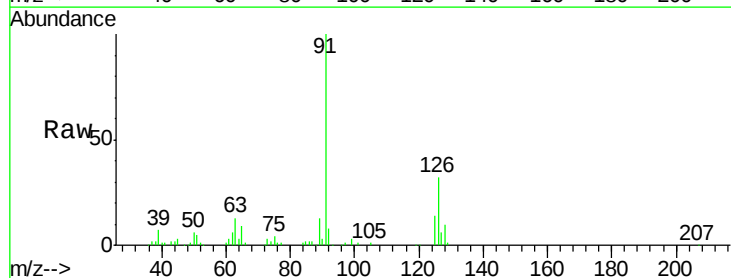
RT: 12.75 min Scan# 3413

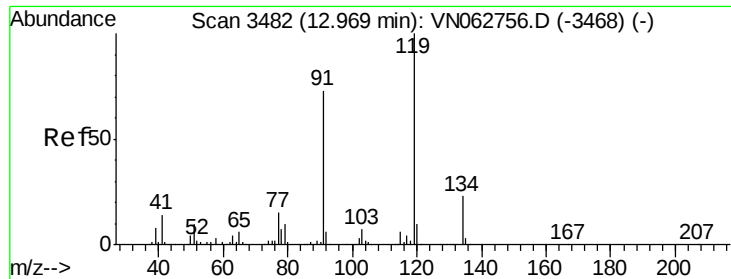
Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	91	Resp:	124773
Ion Ratio	Lower	Upper	
91	100		
126	32.6	15.3	45.9





#83

tert-Butylbenzene

Concen: 18.912 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

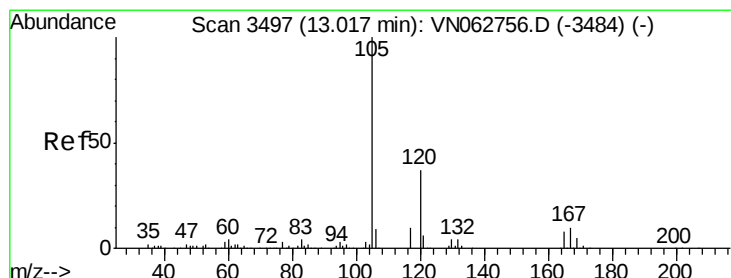
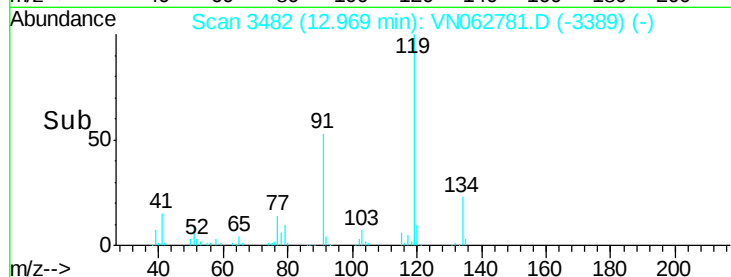
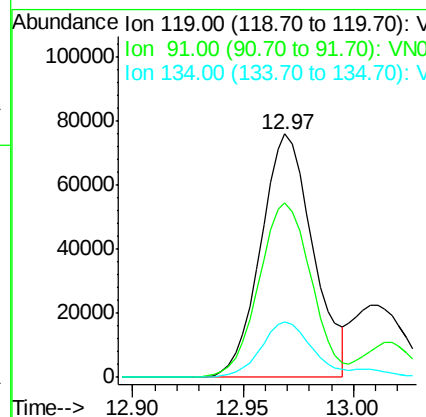
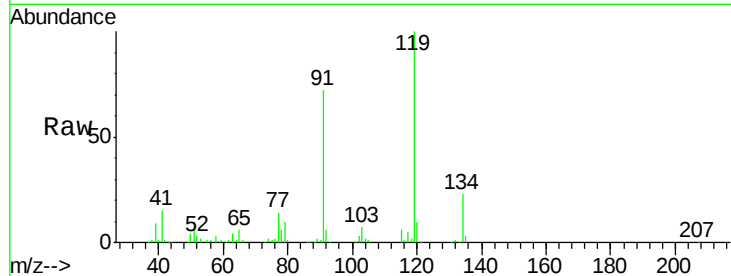
ClientSampleId :

VN0807WBSD01

Tot Ion:	119	Resp:	124856
Ion Ratio	Lower	Upper	
119	100		
91	72.1	36.5	109.5
134	24.8	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.703 ug/l

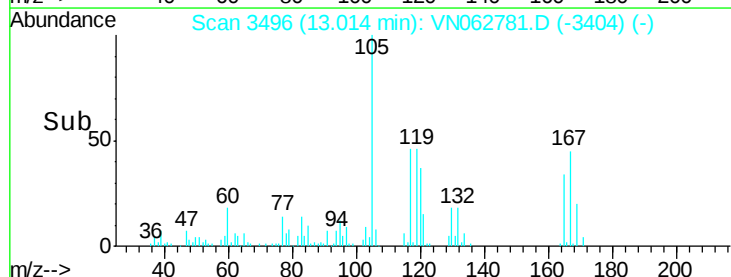
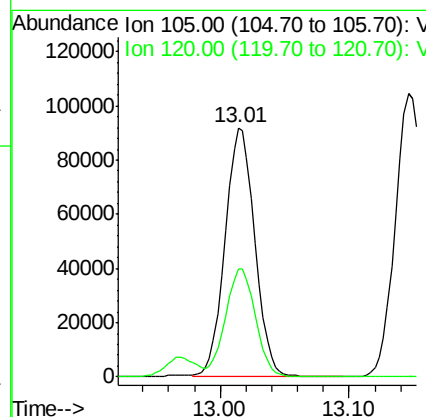
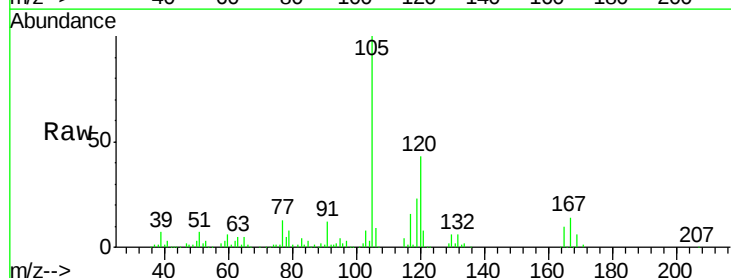
RT: 13.01 min Scan# 3496

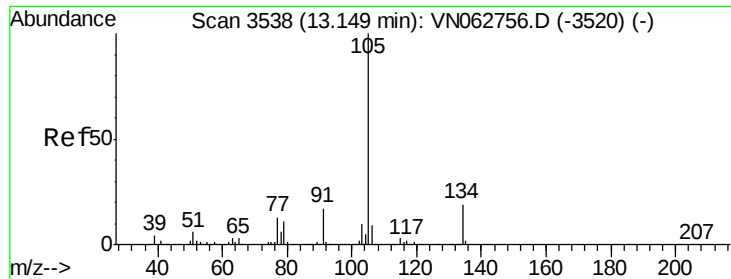
Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion:	105	Resp:	147073
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.4	64.2





#85

sec-Butylbenzene

Concen: 19.266 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion:105 Resp: 167033

Ion Ratio Lower Upper

105 100

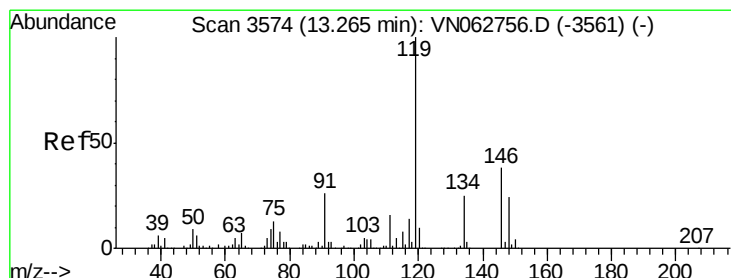
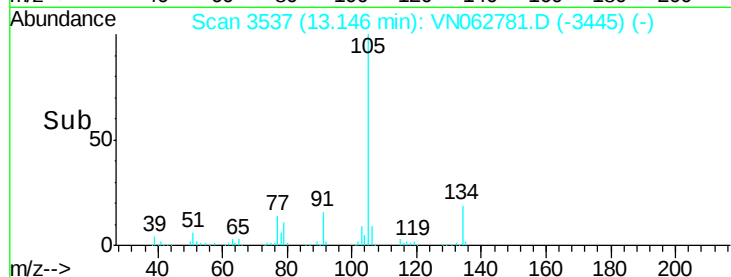
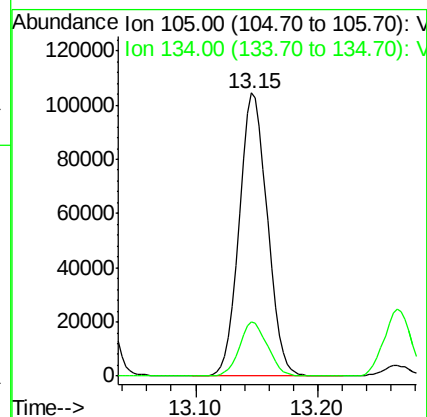
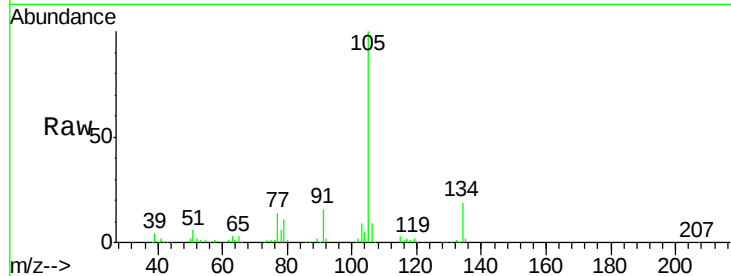
134 19.0 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 19.449 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

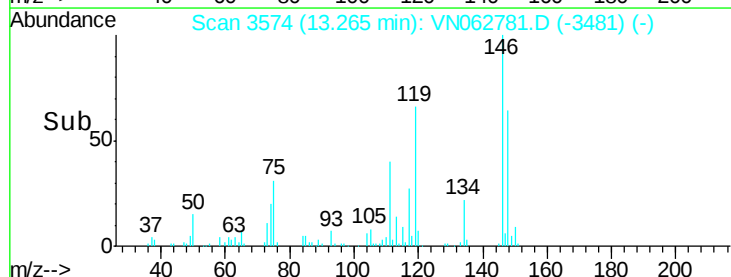
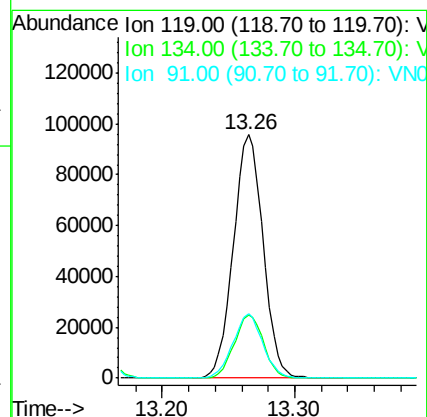
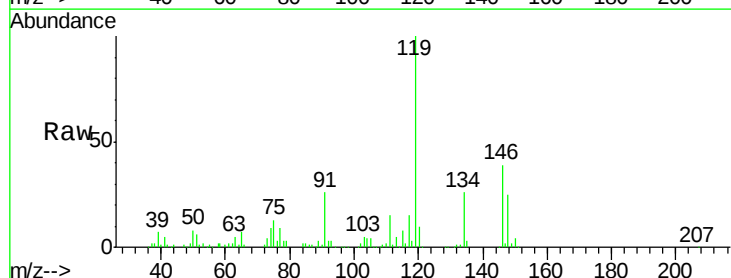
Tgt Ion:119 Resp: 149672

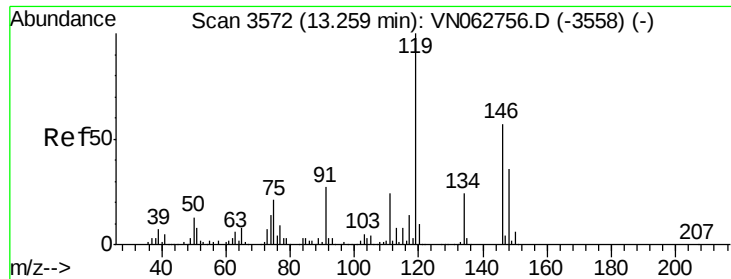
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 26.4 13.4 40.2





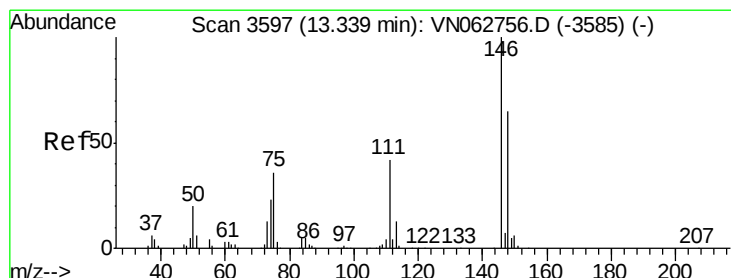
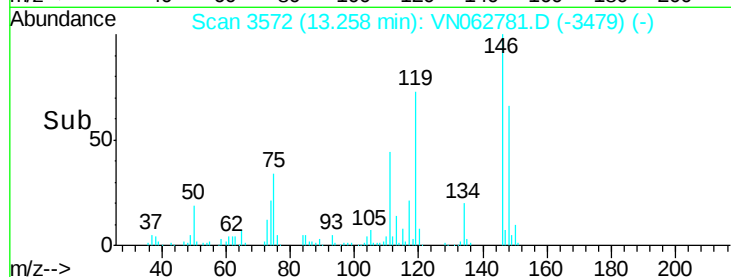
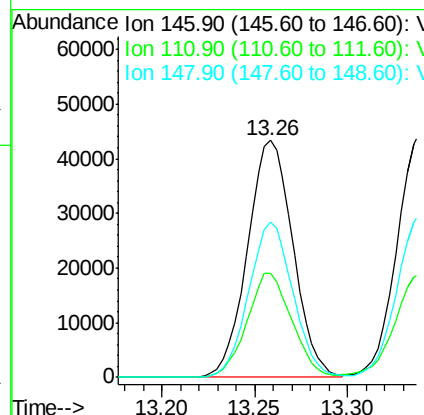
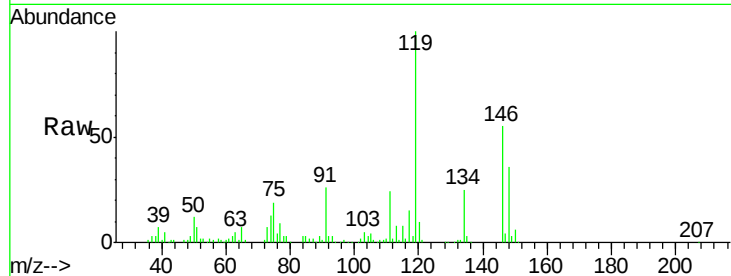
#87
 1,3-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	63.7	31.4	94.2

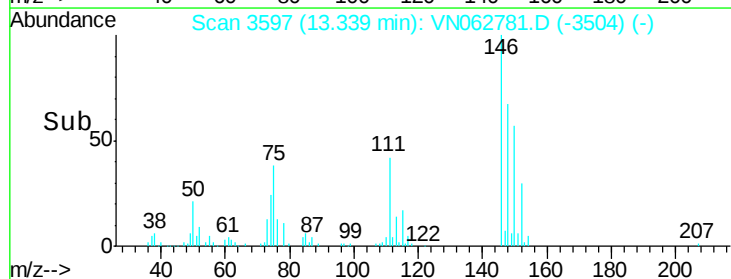
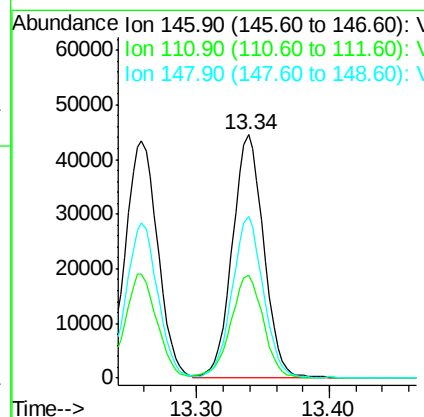
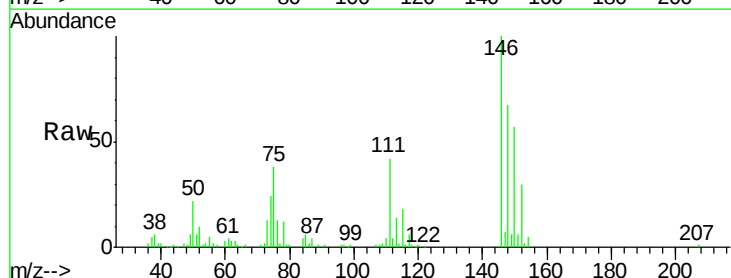
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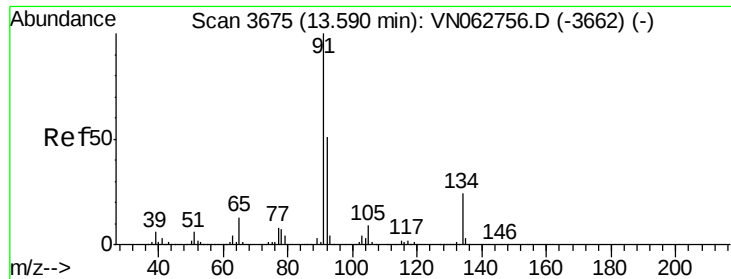
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#88
 1,4-Dichlorobenzene
 Concen: 18.357 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	64.6
148	65.9	32.6	97.8





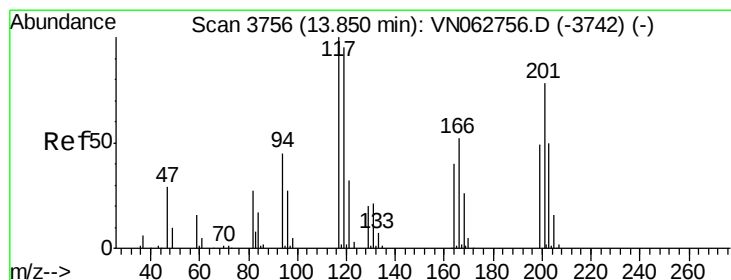
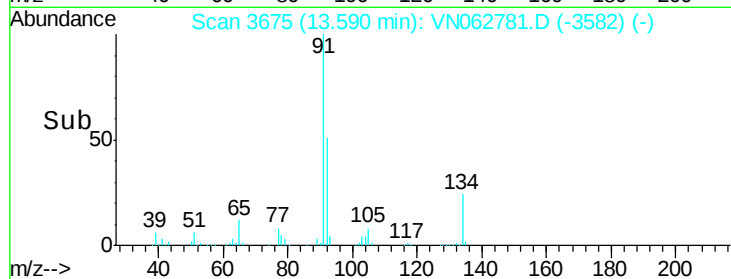
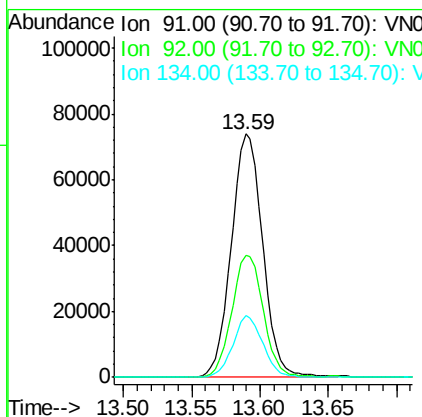
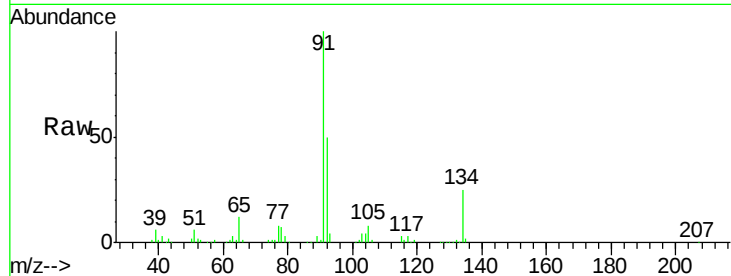
#89
n-Butylbenzene
Concen: 18.197 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.7	77.0
134	24.1	12.2	36.6

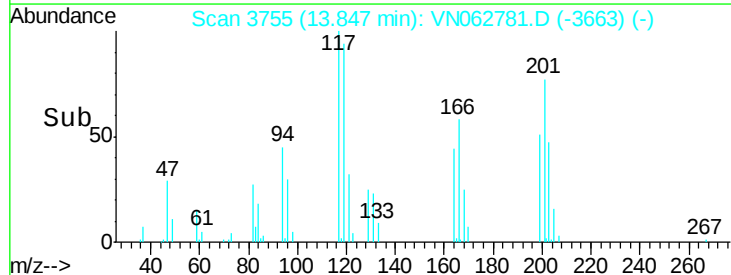
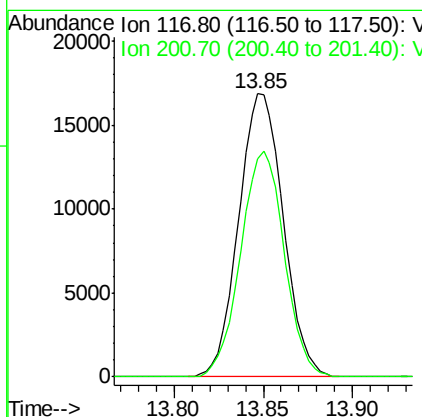
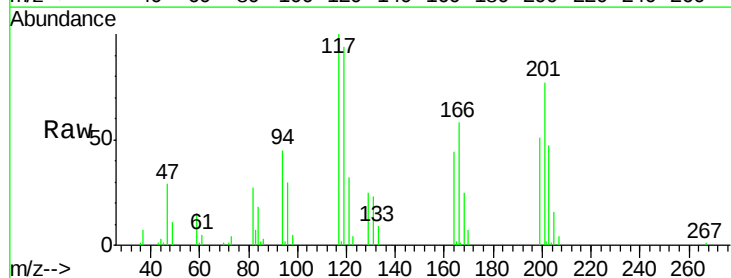
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#90
Hexachloroethane
Concen: 17.743 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.2	117.6





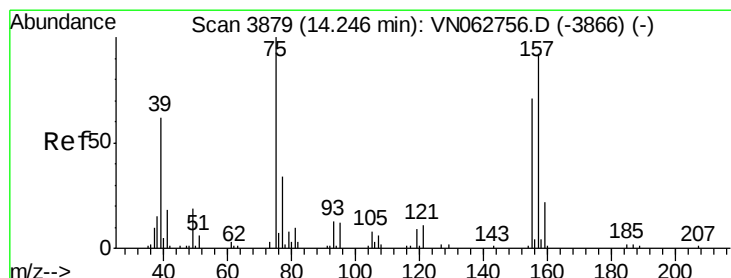
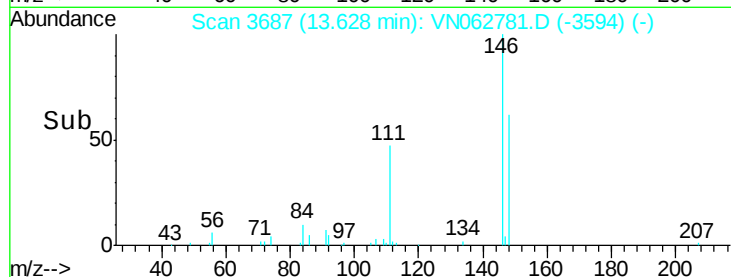
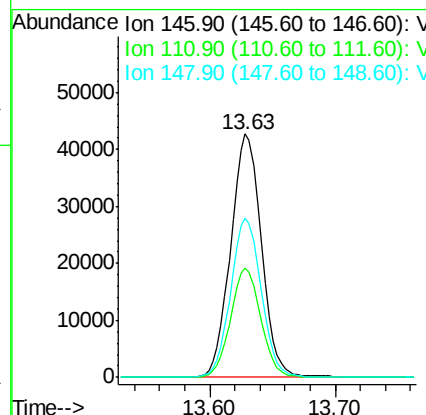
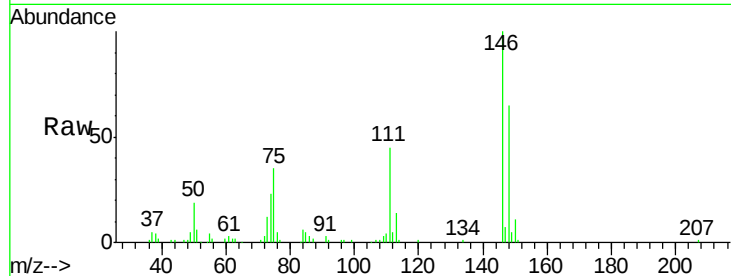
#91
 1,2-Dichlorobenzene
 Concen: 19.443 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.8	68.4
148	65.0	31.9	95.5

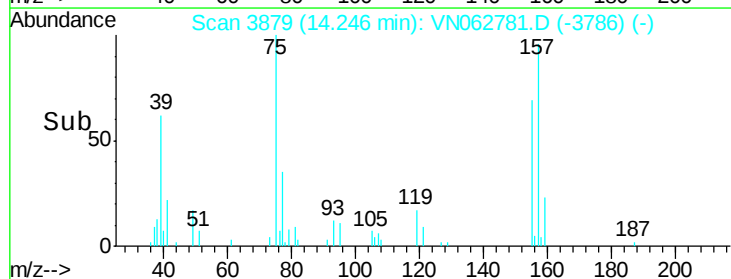
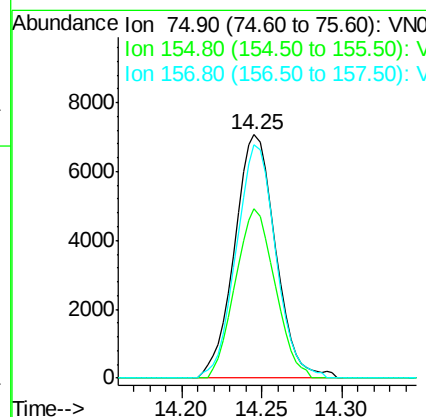
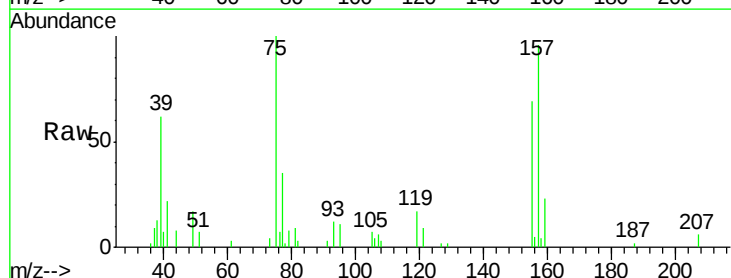
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.182 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.9	35.0	105.1
157	92.2	43.2	129.6





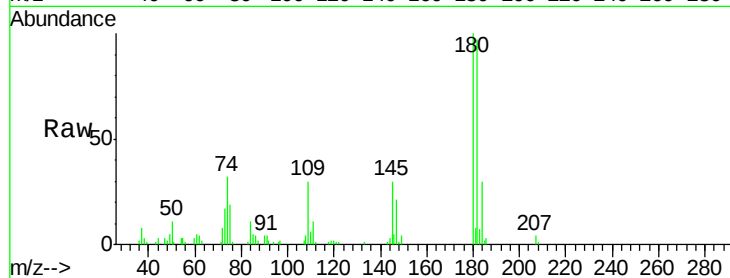
#93
 1,2,4-Trichlorobenzene
 Concen: 18.163 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

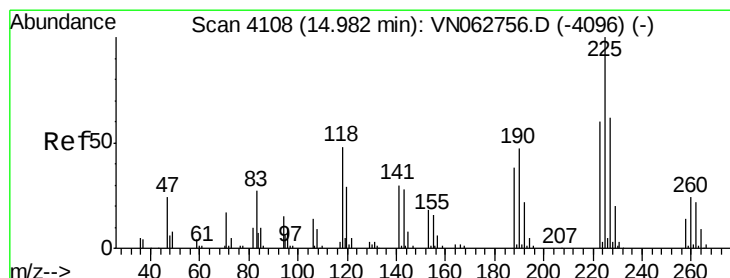
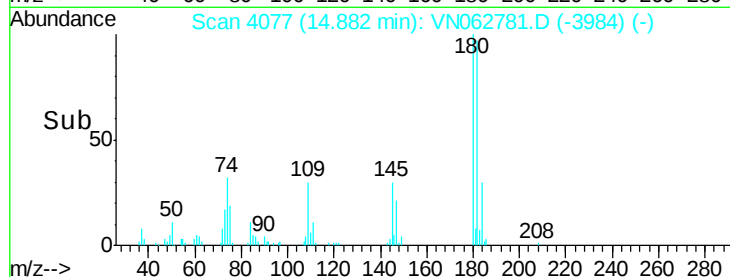
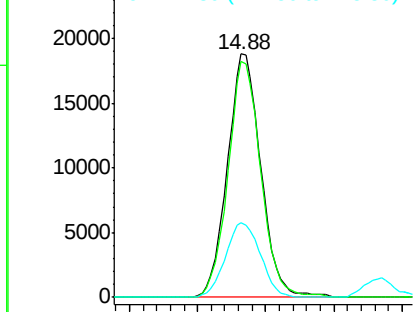
Tot Ion	Ratio	Resp	Lower	Upper
180	100	31953		
182	94.4		49.1	147.4
145	31.9		16.3	48.8

Manual Integrations
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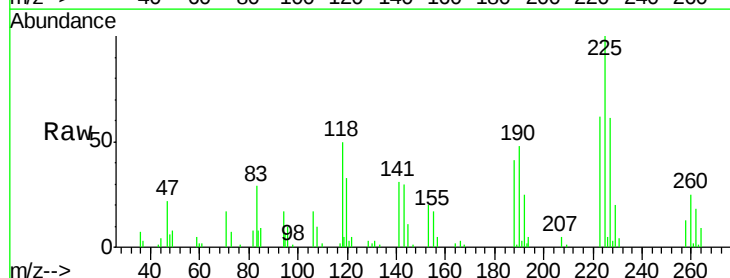


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

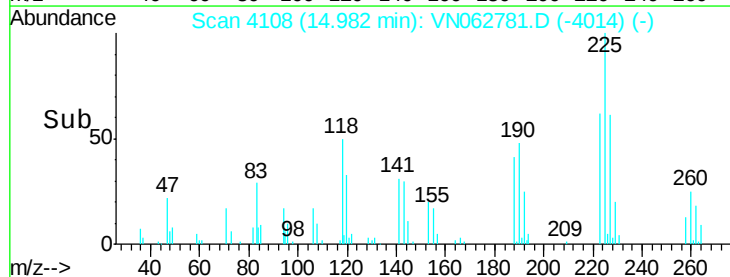
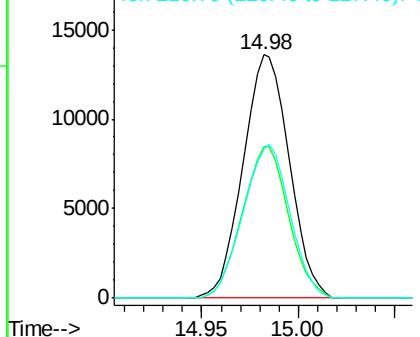


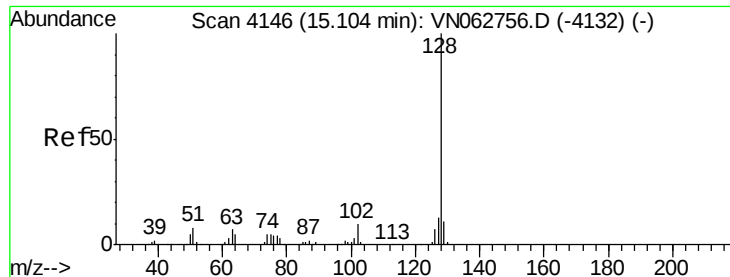
#94
 Hexachlorobutadiene
 Concen: 18.266 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22674		
223	62.1		30.6	92.0
227	63.5		31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





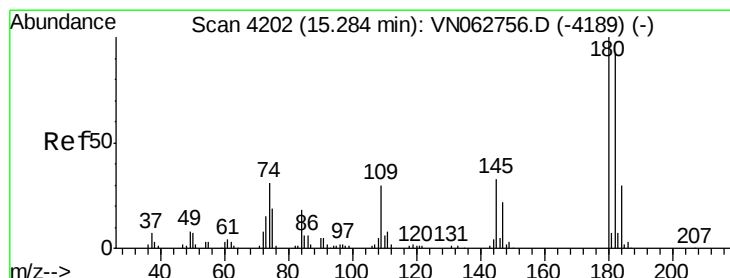
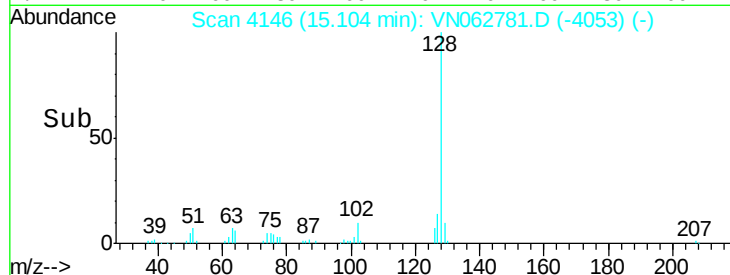
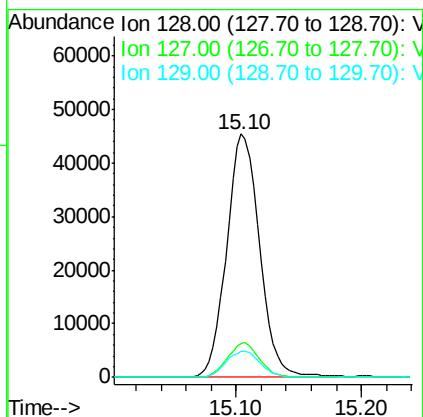
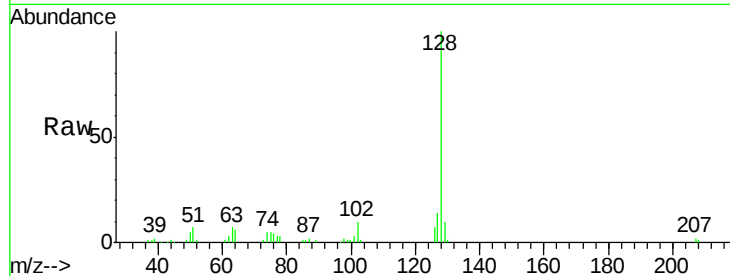
#95
Naphthalene
Concen: 17.710 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.467 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.6
145	33.6	17.3	51.7

