

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062285.D
 Acq On : 1 Jul 2020 12:19
 Operator : JC/MD
 Sample : VN0701WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:44 PM

Quant Time: Jul 01 16:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	209779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167379	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.54	113	126491	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	502924	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.37	95	167038	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44384	18.718	ug/l	100
3) Chloromethane	2.03	50	59122	20.387	ug/l	96
4) Vinyl Chloride	2.16	62	67632	18.112	ug/l	97
5) Bromomethane	2.53	94	44755	18.545	ug/l	97
6) Chloroethane	2.67	64	47505	18.623	ug/l	98
7) Trichlorofluoromethane	2.98	101	85442	18.569	ug/l	100
8) Diethyl Ether	3.37	74	33744	21.002	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48661	20.195	ug/l	98
10) Methyl Iodide	3.91	142	51783	19.083	ug/l	100
11) Tert butyl alcohol	4.73	59	43620	103.199	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46240	19.197	ug/l	93
13) Acrolein	3.57	56	40070	96.828	ug/l	96
14) Allyl chloride	4.27	41	70943	21.632	ug/l	98
15) Acrylonitrile	4.93	53	126366	109.710	ug/l	99
16) Acetone	3.77	43	111942	119.021	ug/l	99
17) Carbon Disulfide	4.00	76	133178	19.334	ug/l	98
18) Methyl Acetate	4.27	43	55147	23.565	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163660	21.263	ug/l	100
20) Methylene Chloride	4.50	84	60736	22.354	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52248	19.040	ug/l	96
22) Diisopropyl ether	5.90	45	165499	22.164	ug/l	96
23) Vinyl Acetate	5.84	43	661122	108.443	ug/l	98
24) 1,1-Dichloroethane	5.79	63	103634	21.553	ug/l	99
25) 2-Butanone	6.78	43	158271	109.991	ug/l	94
26) 2,2-Dichloropropane	6.77	77	83616	20.868	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61359	19.871	ug/l	97
28) Bromochloromethane	7.14	49	42820	20.525	ug/l	91
29) Tetrahydrofuran	7.16	42	102914	109.184	ug/l	96
30) Chloroform	7.33	83	101597	20.767	ug/l	99
31) Cyclohexane	7.61	56	84188	20.699	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	82204	19.925	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75123	19.569	ug/l	97
37) Ethyl Acetate	6.88	43	64758	20.372	ug/l	98
38) Carbon Tetrachloride	7.73	117	69093	19.091	ug/l	97

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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	83087	19.753	ug/l	97
40) Benzene	8.00	78	232724	19.890	ug/l	99
41) Methacrylonitrile	7.12	41	24567	16.670	ug/l	90
42) 1,2-Dichloroethane	8.08	62	81723	20.672	ug/l	98
43) Isopropyl Acetate	8.12	43	108418	20.922	ug/l #	89
44) Trichloroethene	8.80	130	54301	18.397	ug/l	99
45) 1,2-Dichloropropane	9.08	63	59844	20.731	ug/l	100
46) Dibromomethane	9.17	93	39595	20.231	ug/l	95
47) Bromodichloromethane	9.37	83	80810	20.449	ug/l	98
48) Methyl methacrylate	9.17	41	50458	21.717	ug/l	92
49) 1,4-Dioxane	9.17	88	20019	388.527	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	324886	107.308	ug/l	99
52) Toluene	10.12	92	144225	20.202	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86622	19.924	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95748	20.686	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57056	20.331	ug/l	97
56) Ethyl methacrylate	10.40	69	76346	20.385	ug/l	97
57) 1,3-Dichloropropane	10.68	76	99942	20.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	135860	95.817	ug/l	99
59) 2-Hexanone	10.72	43	232267	106.241	ug/l	98
60) Dibromochloromethane	10.87	129	57922	19.495	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56933	19.744	ug/l	98
64) Tetrachloroethene	10.60	164	43243	17.831	ug/l	98
65) Chlorobenzene	11.40	112	151528	19.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53525	19.854	ug/l	98
67) Ethyl Benzene	11.48	91	261687	19.874	ug/l	99
68) m/p-Xylenes	11.59	106	198021	38.882	ug/l	97
69) o-Xylene	11.92	106	93440	19.446	ug/l	98
70) Styrene	11.94	104	156839	19.571	ug/l	98
71) Bromoform	12.10	173	34819	18.165	ug/l #	97
73) Isopropylbenzene	12.22	105	247518	20.320	ug/l	99
74) N-amyl acetate	12.05	43	88325	21.724	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	83740	20.659	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74164m	20.021	ug/l	
77) Bromobenzene	12.50	156	59130	19.553	ug/l	93
78) n-propylbenzene	12.56	91	291451	20.918	ug/l	99
79) 2-Chlorotoluene	12.65	91	171266	20.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	206753	20.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26210	20.663	ug/l	93
82) 4-Chlorotoluene	12.75	91	181041	20.784	ug/l	97
83) tert-Butylbenzene	12.97	119	168444	19.933	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	208722	21.164	ug/l	99
85) sec-Butylbenzene	13.15	105	238825	21.388	ug/l	99
86) p-Isopropyltoluene	13.26	119	207136	21.173	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	103158	19.426	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	103700	18.944	ug/l	98
89) n-Butylbenzene	13.59	91	172706	21.234	ug/l	99
90) Hexachloroethane	13.85	117	39048	20.343	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102352	19.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13990	21.545	ug/l	89

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ClientSampleId :
VN0701WBS01

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42394	18.845	ug/l	97
94) Hexachlorobutadiene	14.98	225	20827	21.316	ug/l	100
95) Naphthalene	15.10	128	111866	17.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43493	18.908	ug/l	99

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

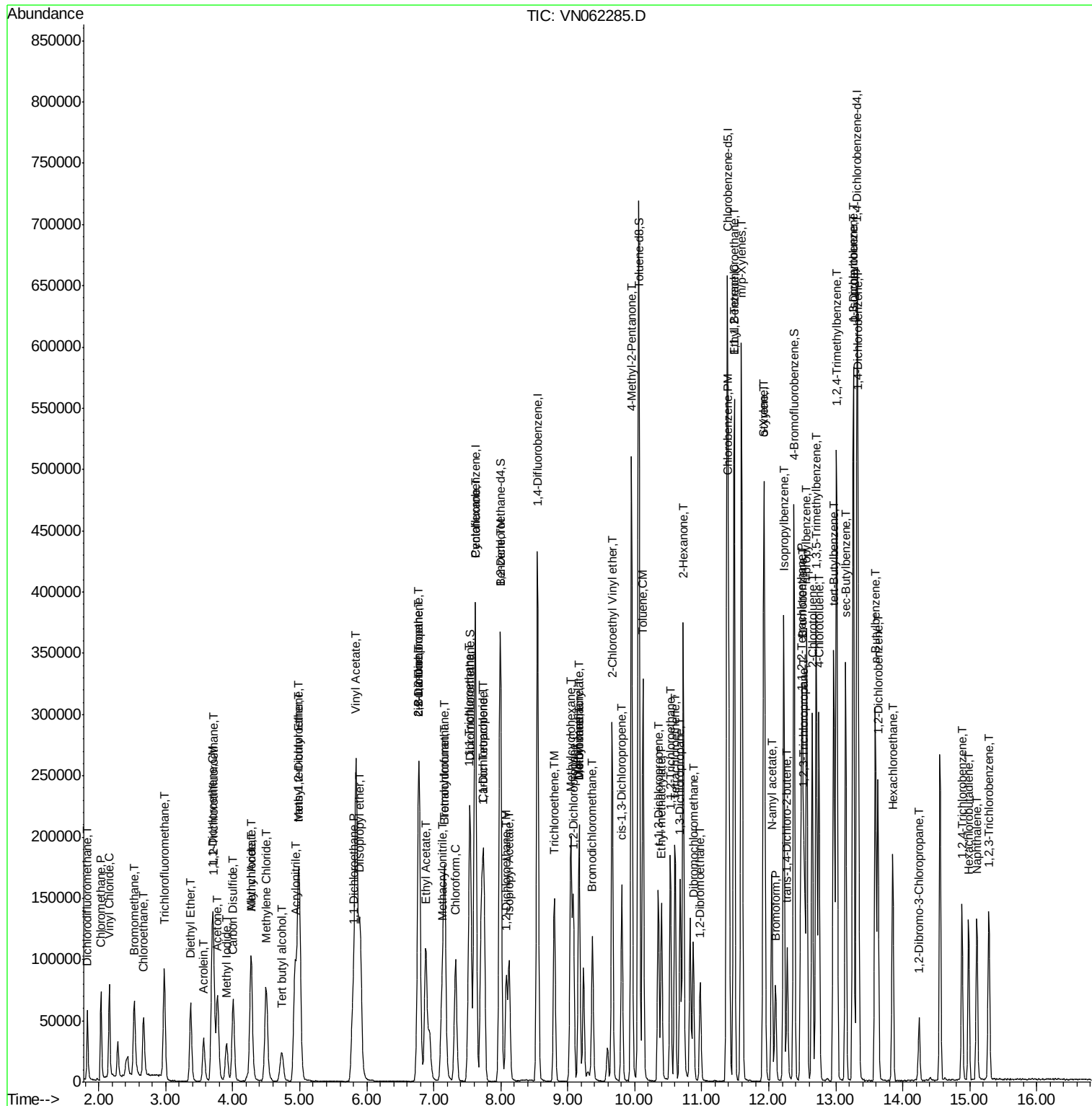
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 Data File : VN062285.D
 Acq On : 1 Jul 2020 12:19
 Operator : JC/MD
 Sample : VN0701WBS01
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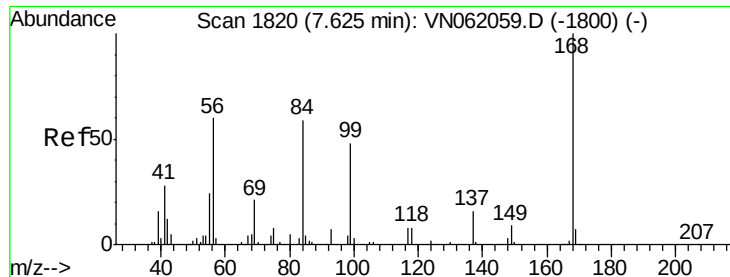
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion:168 Resp: 209779

Ion Ratio Lower Upper

168 100

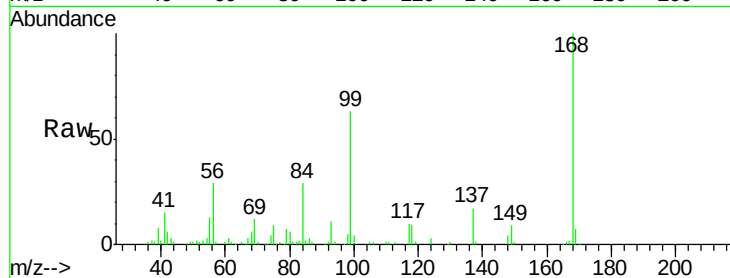
99 63.0 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

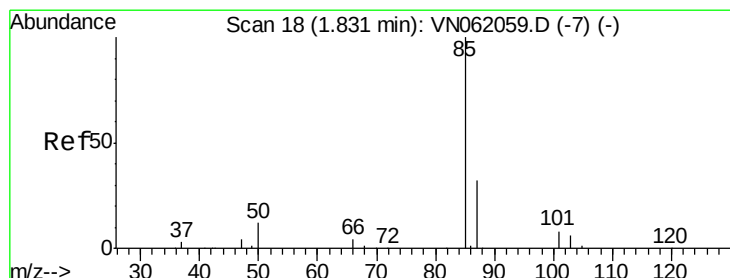
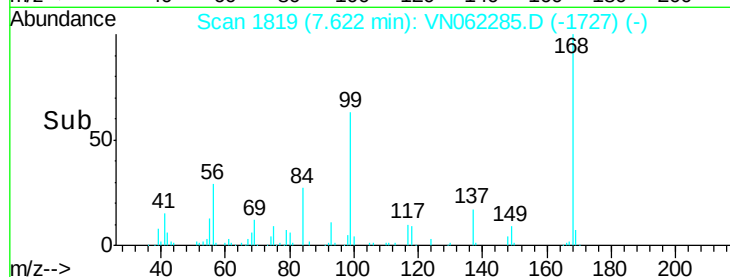
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062285.D

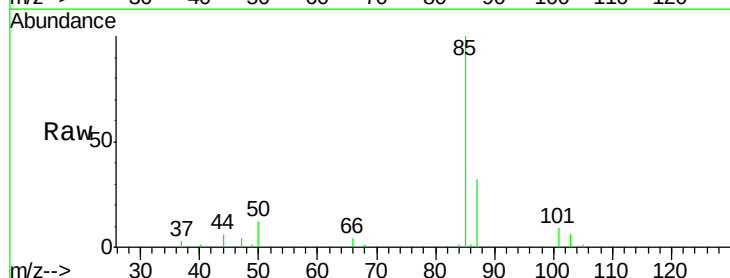
Acq: 1 Jul 2020 12:19

Tgt Ion: 85 Resp: 44384

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

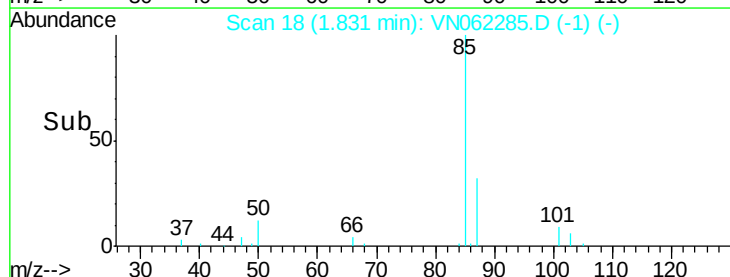
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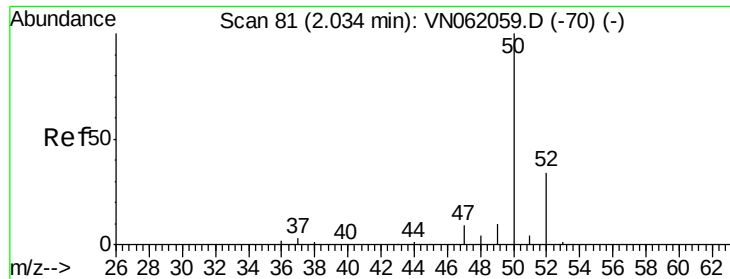
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.387 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion: 50 Resp: 59122

Ion Ratio Lower Upper

50 100

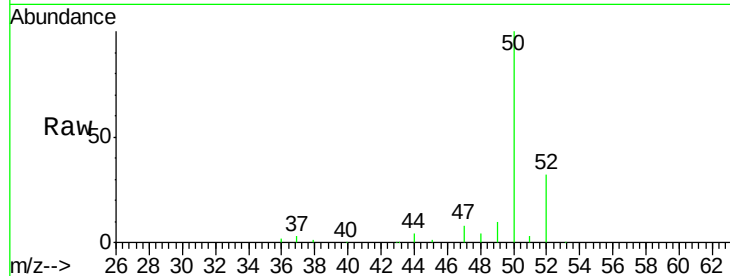
52 31.5 27.0 40.6

Manual Integrations

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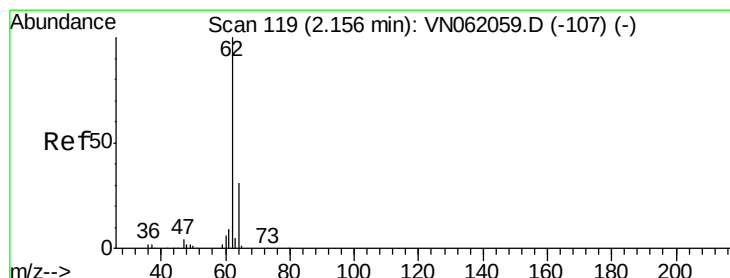
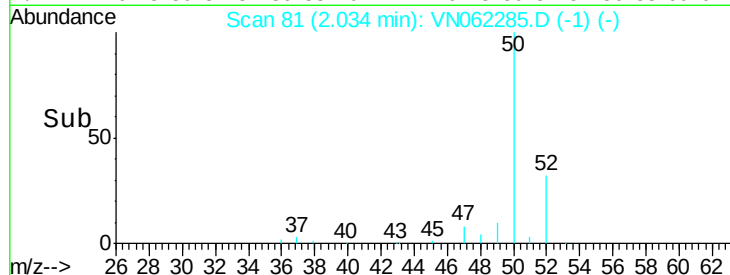
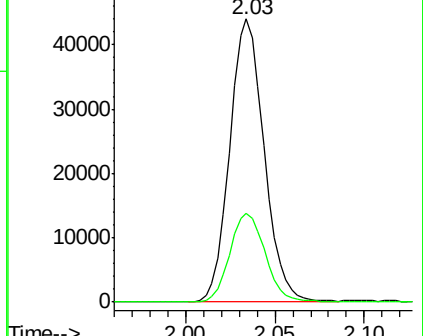
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.112 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062285.D

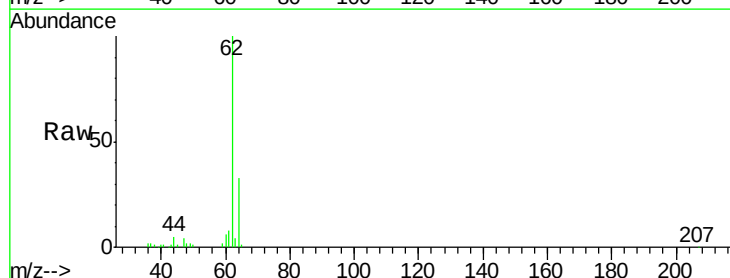
Acq: 1 Jul 2020 12:19

Tgt Ion: 62 Resp: 67632

Ion Ratio Lower Upper

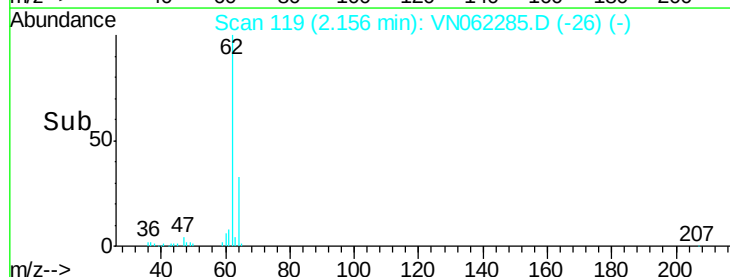
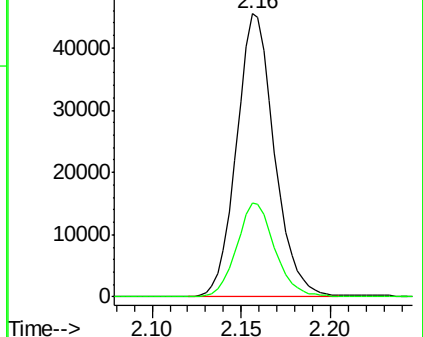
62 100

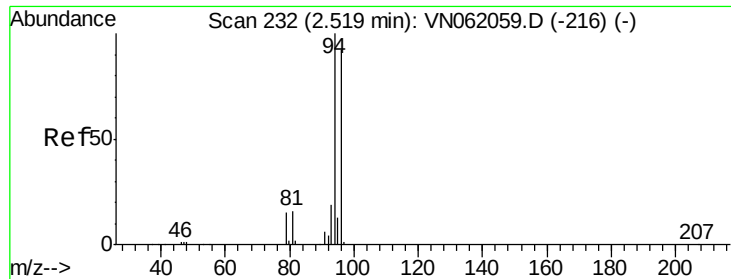
64 33.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.545 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

Tot Ion: 94 Resp: 44755

Ion Ratio Lower Upper

94 100

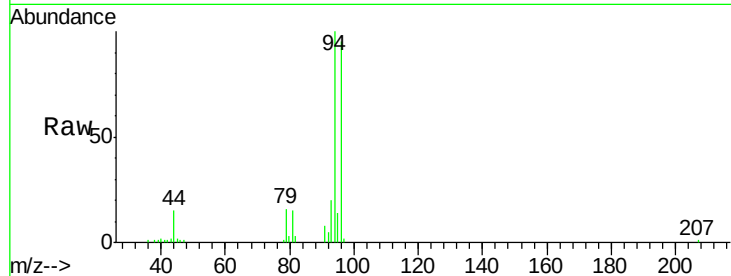
96 94.6 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN062285.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062285.D (-139) (-)

25000

20000

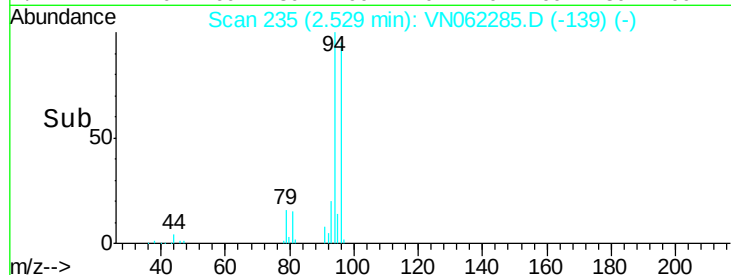
15000

10000

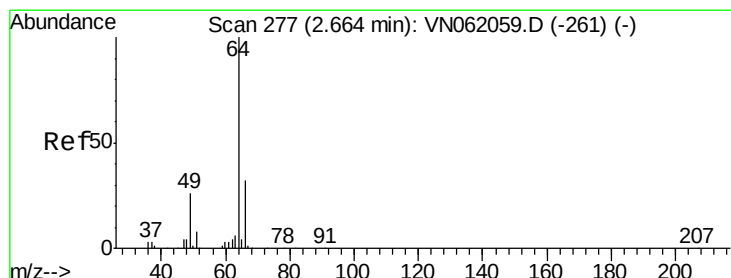
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 18.623 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062285.D

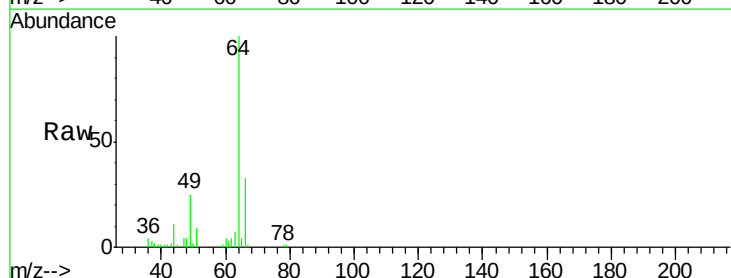
Acq: 1 Jul 2020 12:19

Tgt Ion: 64 Resp: 47505

Ion Ratio Lower Upper

64 100

66 33.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062285.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062285.D (-184) (-)

25000

20000

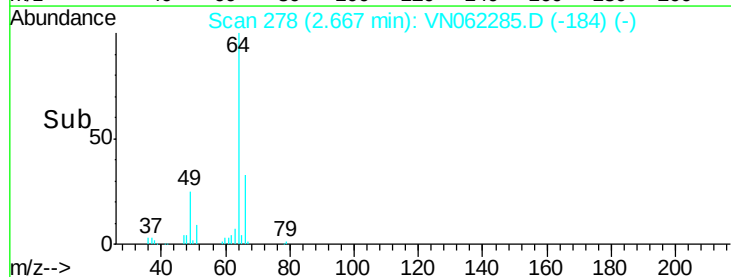
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10000

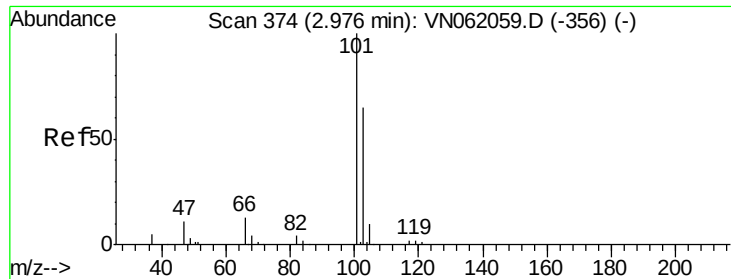
5000

0

Time-->



Time-->



#7

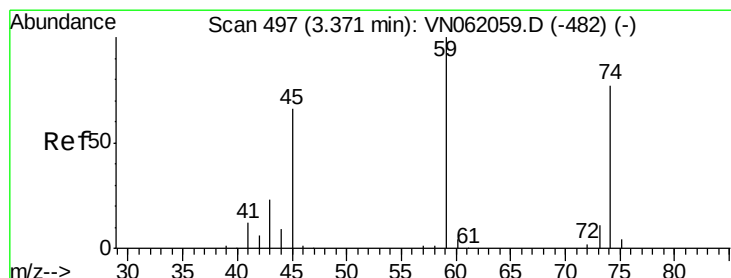
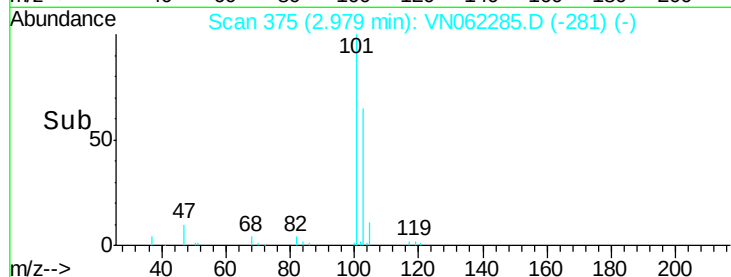
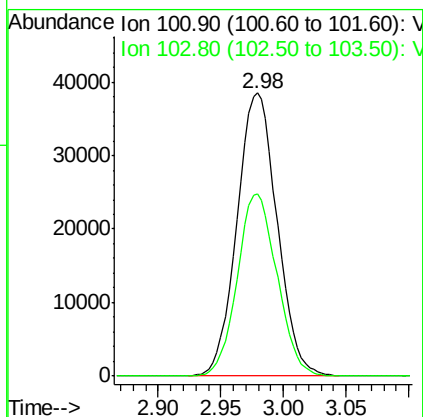
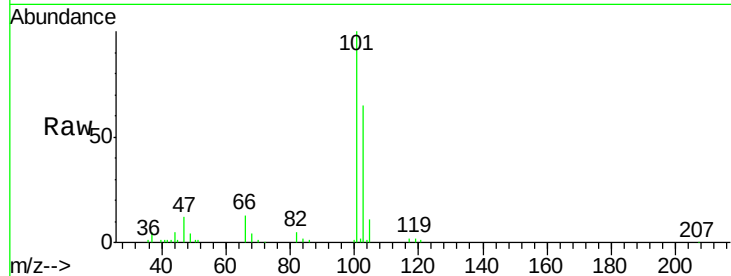
Trichlorofluoromethane
Concen: 18.569 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion:101 Resp: 85442
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

Manual Integrations
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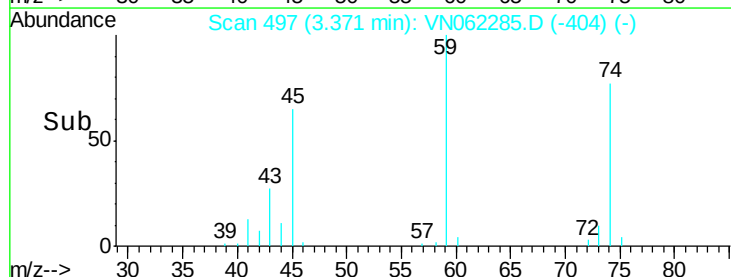
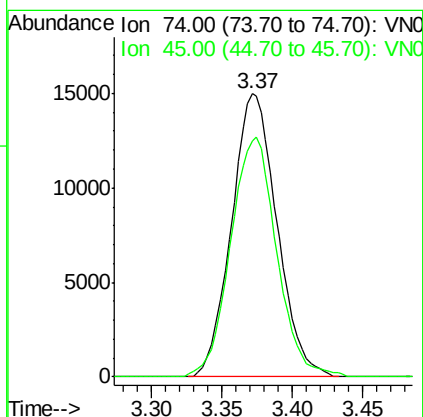
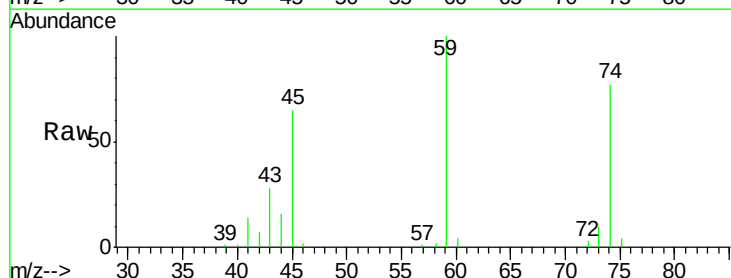
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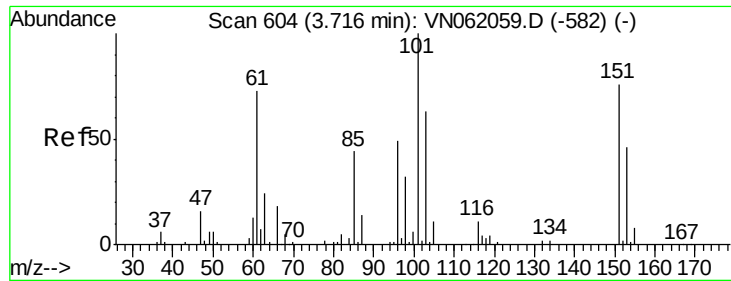


#8

Diethyl Ether
Concen: 21.002 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 74 Resp: 33744
Ion Ratio Lower Upper
74 100
45 85.8 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.195 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

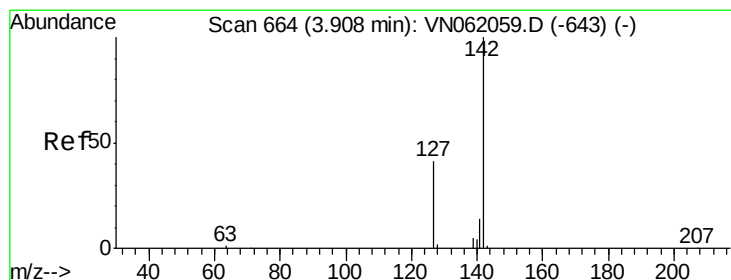
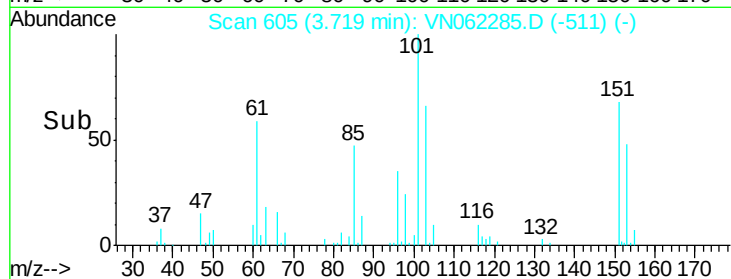
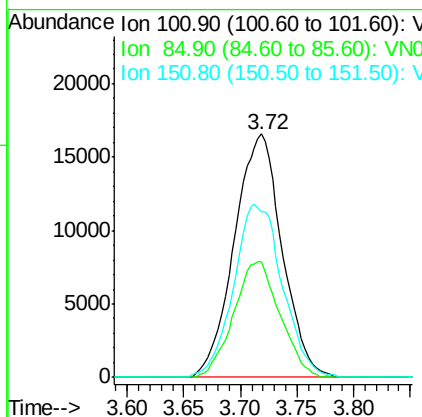
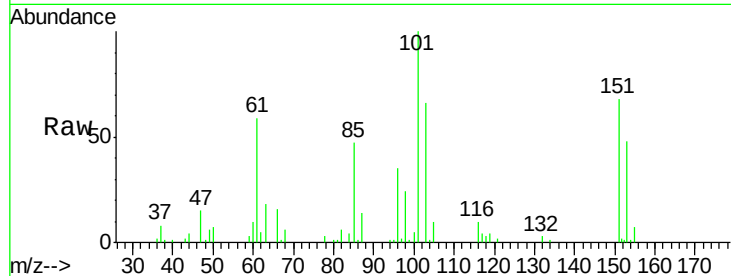
ClientSampled :

VN0701WBS01

Tot Ion:	101	Resp:	48661
Ion Ratio	Lower	Upper	
101	100		
85	46.0	34.5	51.7
151	72.7	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.083 ug/l

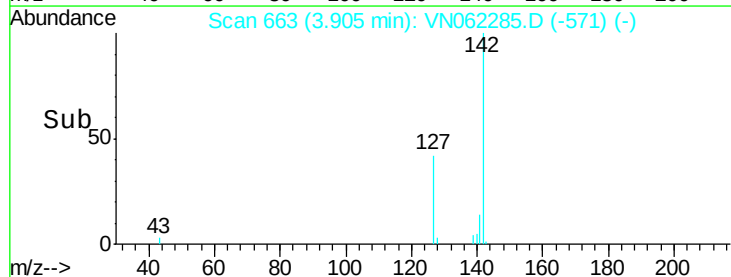
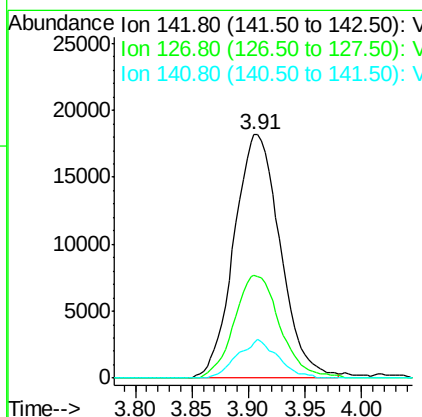
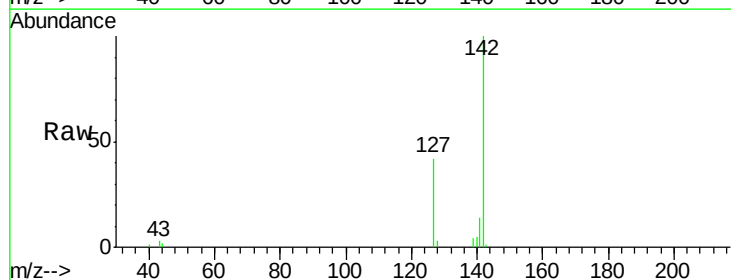
RT: 3.91 min Scan# 663

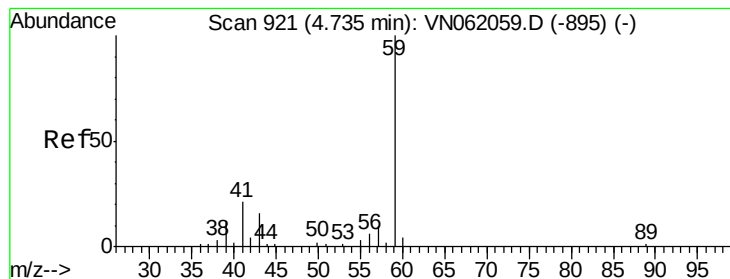
Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	142	Resp:	51783
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.6	50.4
141	13.9	11.3	16.9





#11

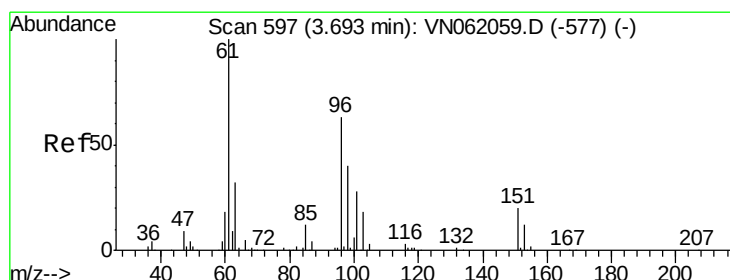
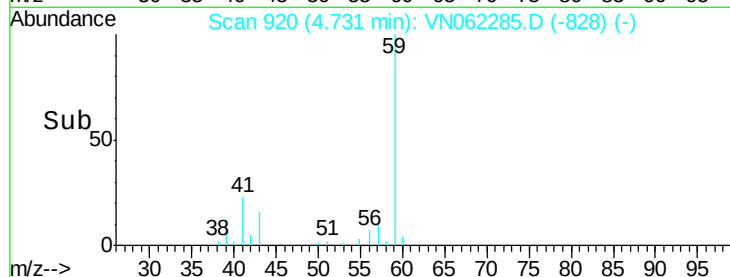
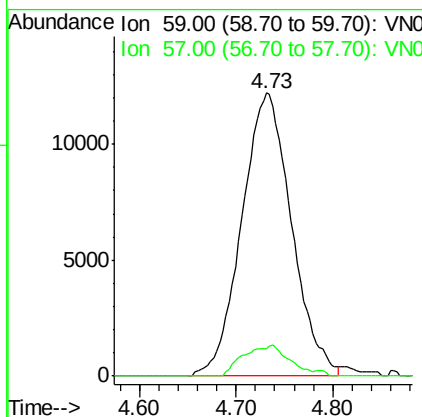
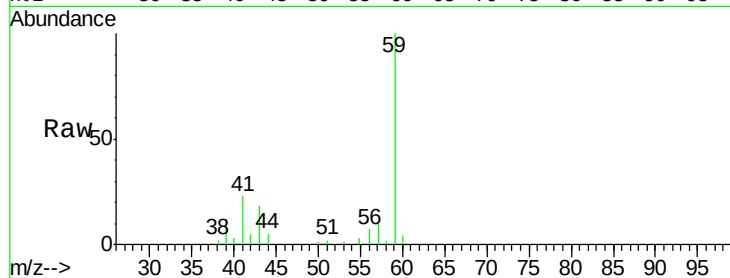
Tert butyl alcohol
 Concen: 103.199 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	59	57	Ratio	100	10.0	Resp	43620	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.0	Resp	43620	Lower	8.3	Upper	12.5

Manual Integrations
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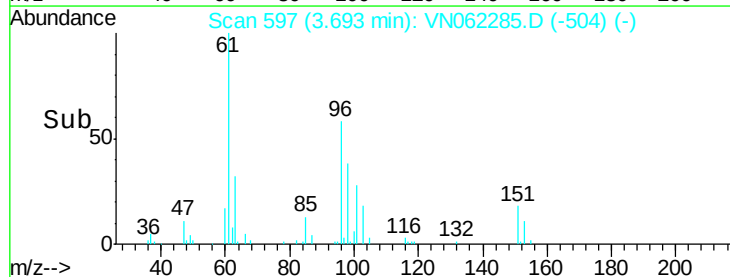
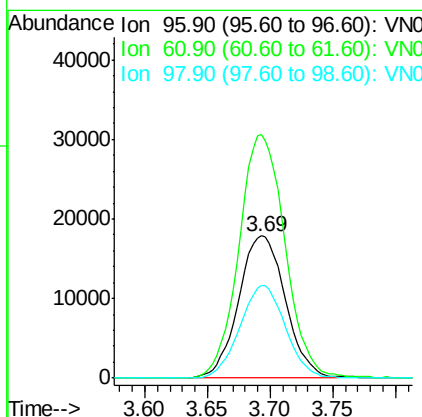
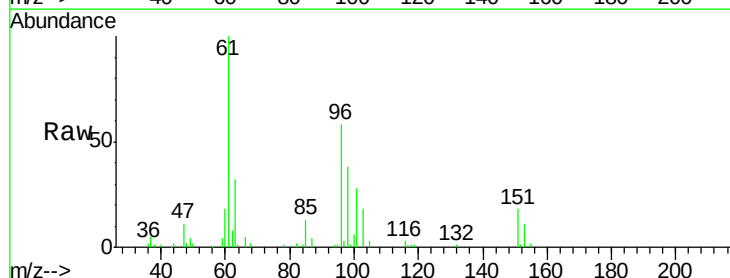
MMDadoda
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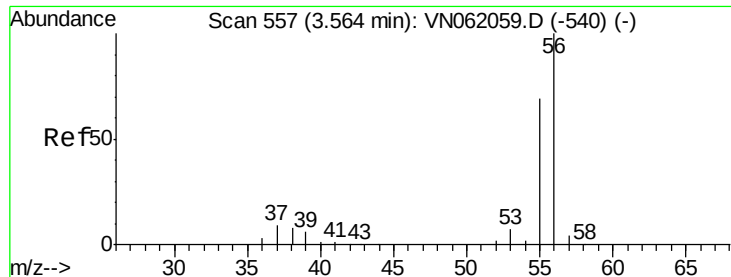


#12

1,1-Dichloroethene
 Concen: 19.197 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	96	61	98	Ratio	100	171.0	65.2	Resp	46240	Lower	126.7	51.0	Upper	190.1	76.4
Ion	96	61	98	Ratio	100	171.0	65.2	Resp	46240	Lower	126.7	51.0	Upper	190.1	76.4





#13

Acrolein

Concen: 96.828 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion: 56 Resp: 40070

Ion Ratio Lower Upper

56 100

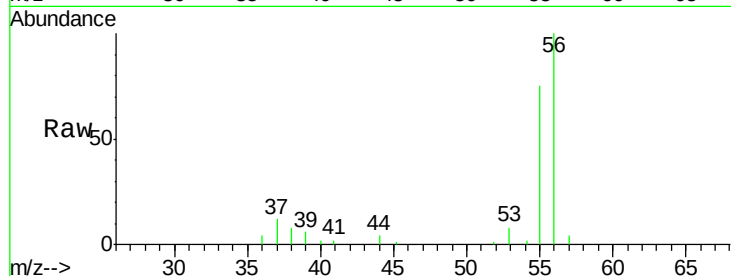
55 73.0 55.5 83.3

Manual Integrations

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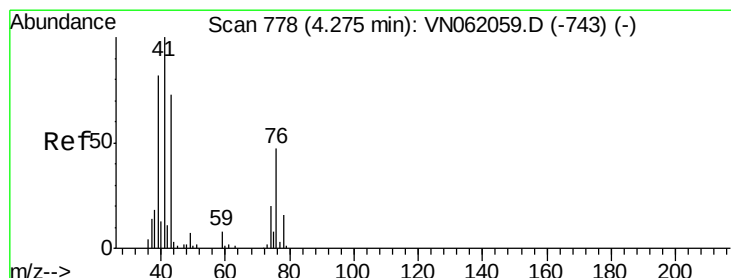
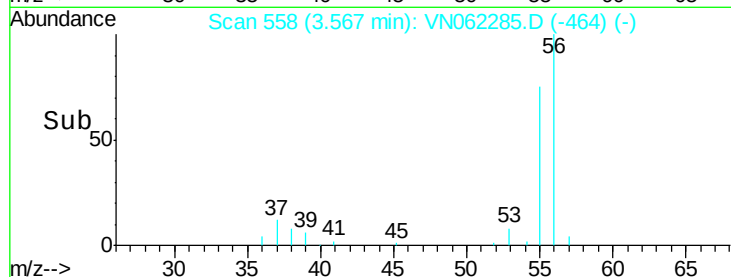
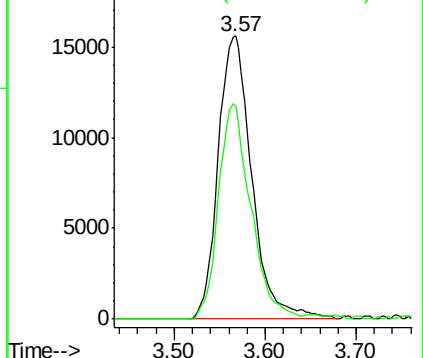
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.632 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

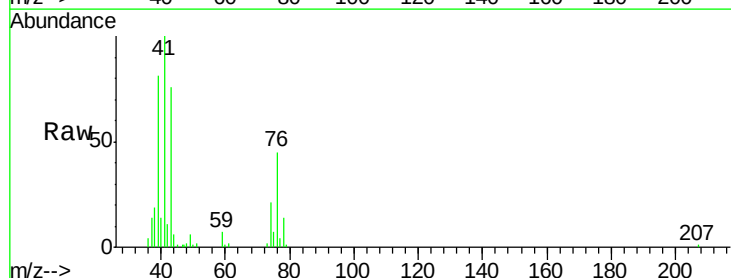
Tgt Ion: 41 Resp: 70943

Ion Ratio Lower Upper

41 100

39 76.7 60.0 90.0

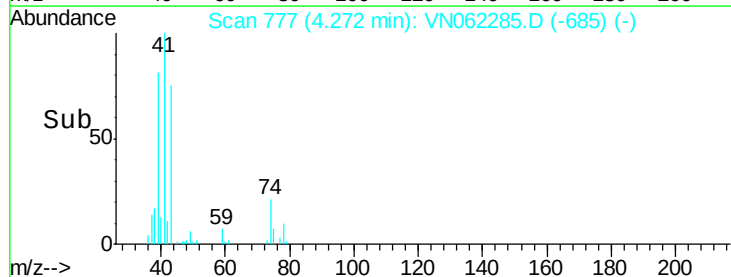
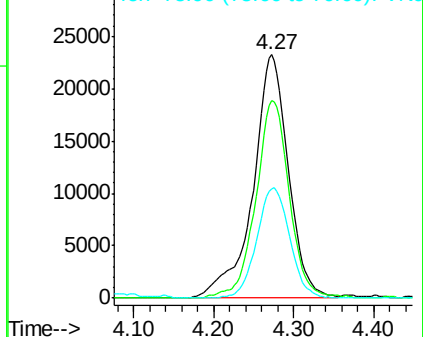
76 42.2 34.1 51.1

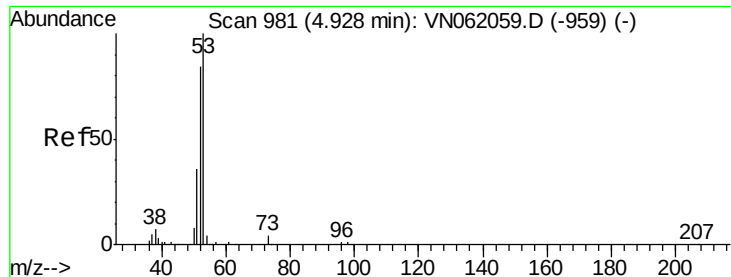


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 109.710 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

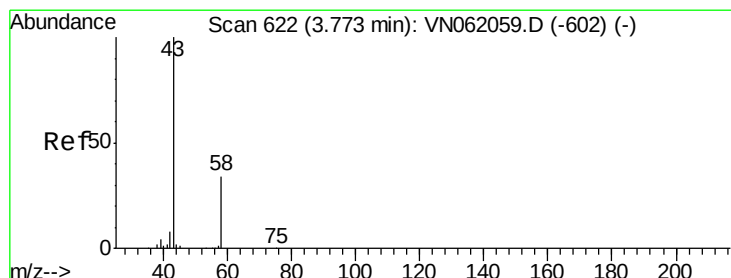
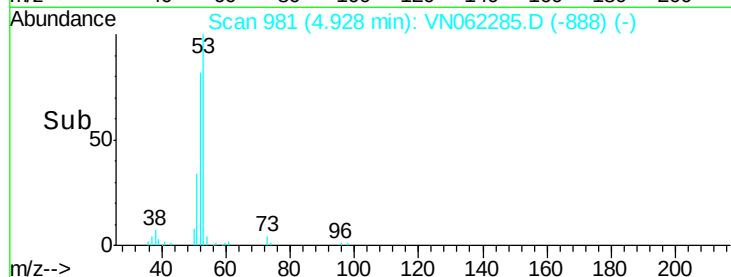
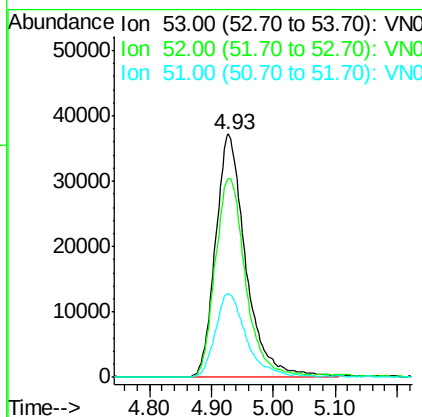
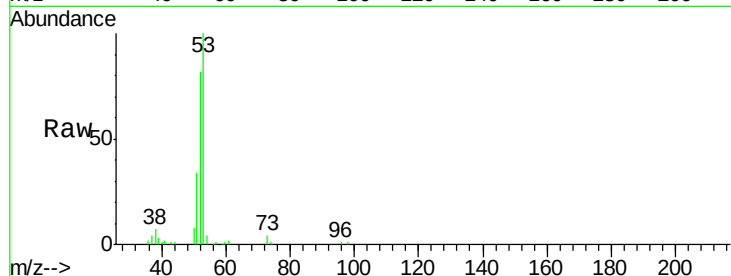
ClientSampled :

VN0701WBS01

Tot Ion:	53	Resp:	126366
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.4
51	34.9	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 119.021 ug/l

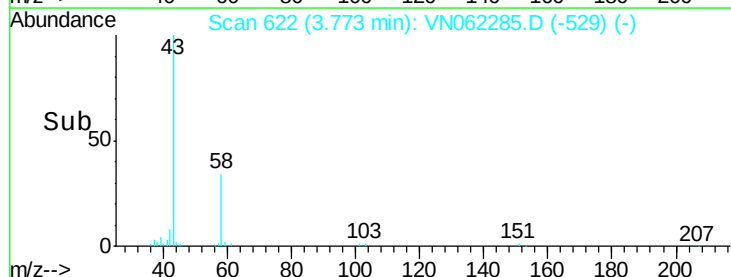
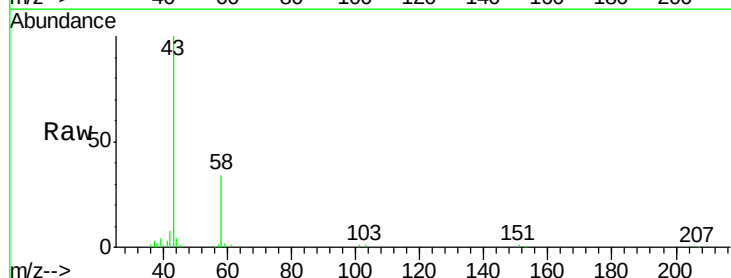
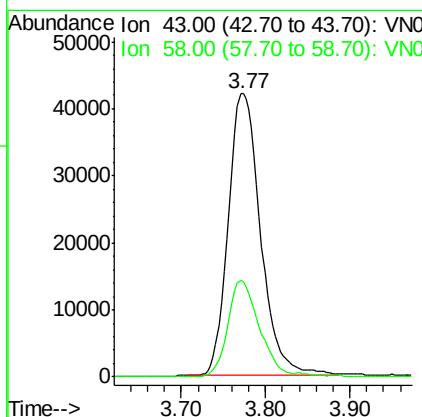
RT: 3.77 min Scan# 622

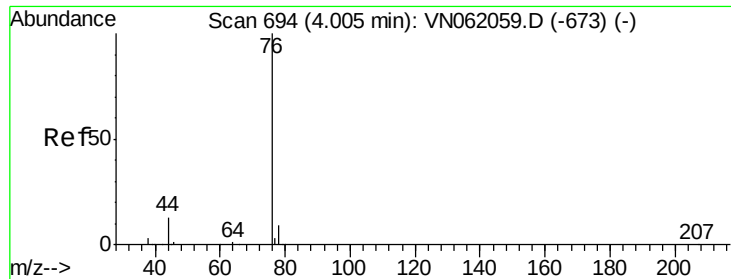
Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	43	Resp:	111942
Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.5	41.3





#17

Carbon Disulfide

Concen: 19.334 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

Tot Ion: 76 Resp: 133178

Ion Ratio Lower Upper

76 100

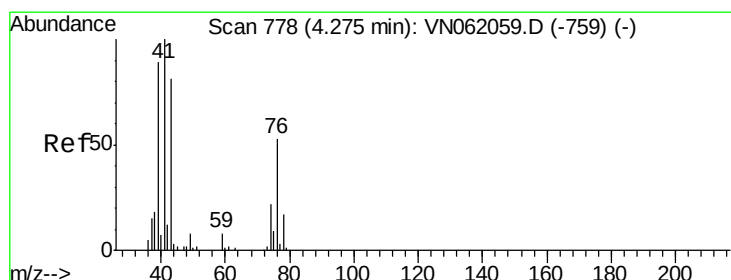
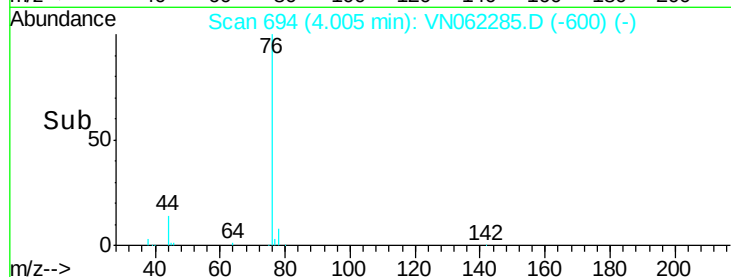
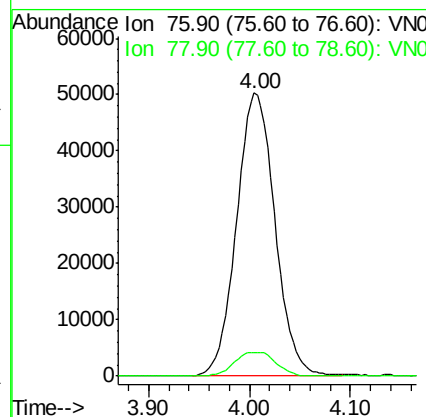
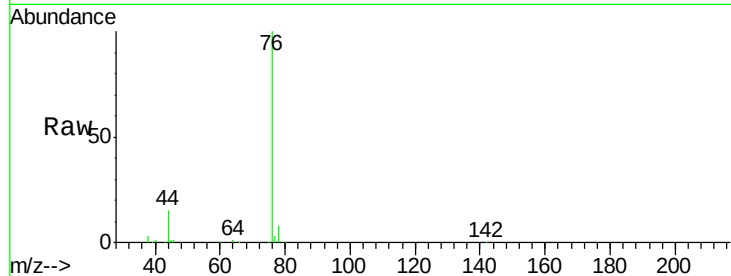
78 8.4 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

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#18

Methyl Acetate

Concen: 23.565 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062285.D

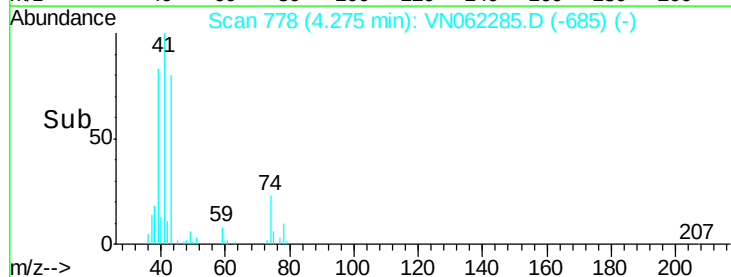
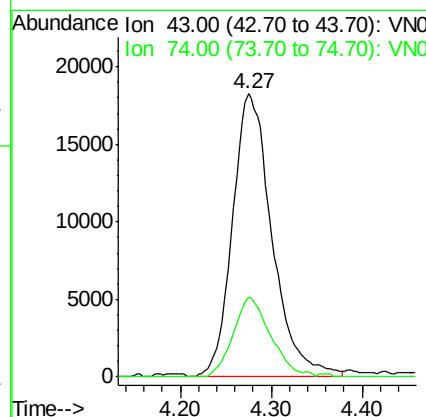
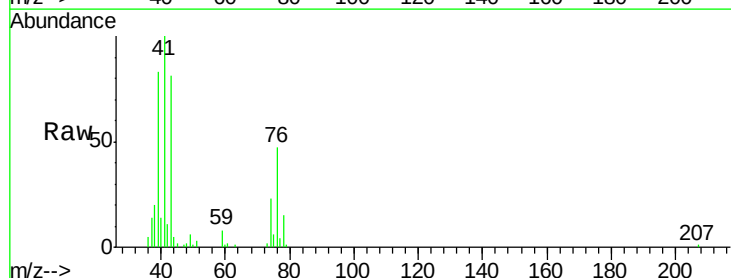
Acq: 1 Jul 2020 12:19

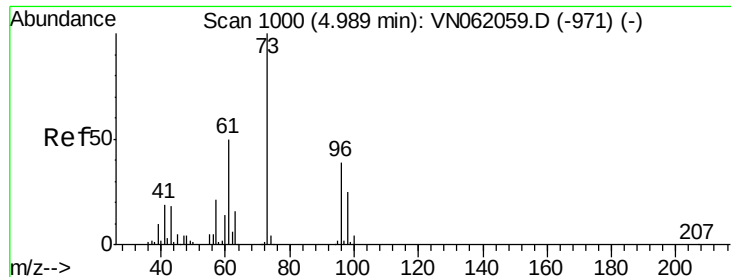
Tgt Ion: 43 Resp: 55147

Ion Ratio Lower Upper

43 100

74 26.5 22.9 34.3





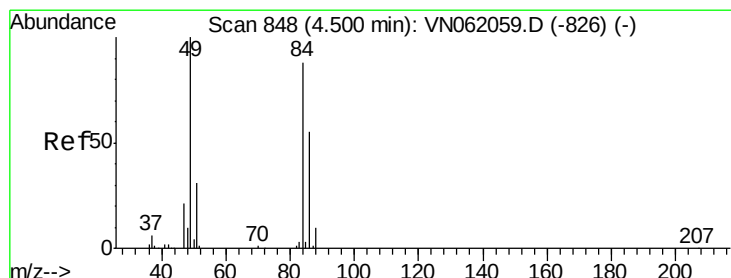
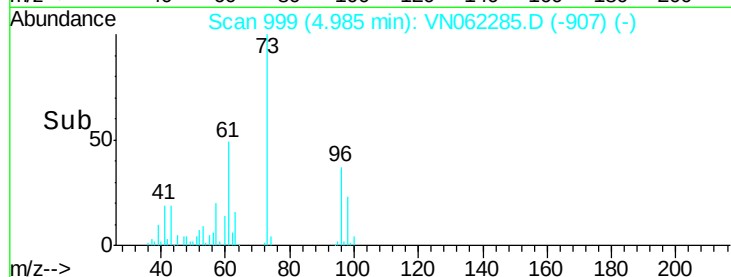
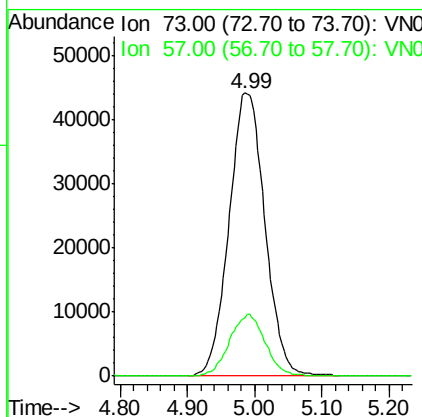
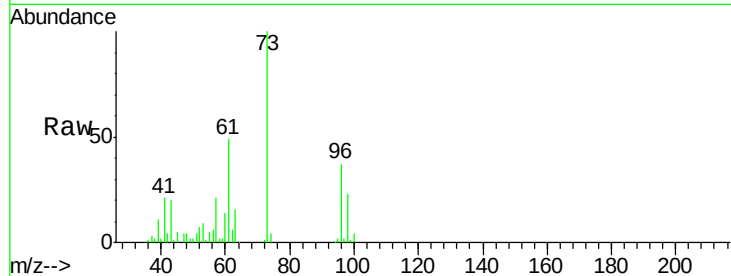
#19
Methvl tert-butyl Ether
Concen: 21.263 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion: 73 Resp: 163660
Ion Ratio Lower Upper
73 100
57 20.7 16.6 24.8

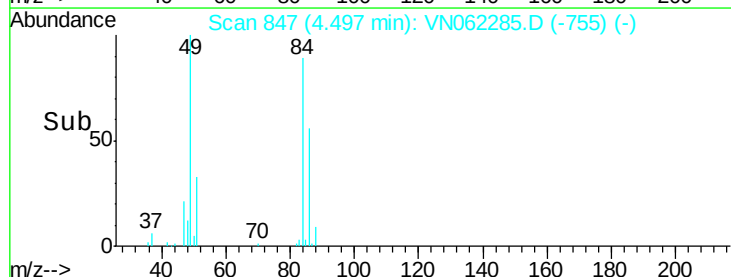
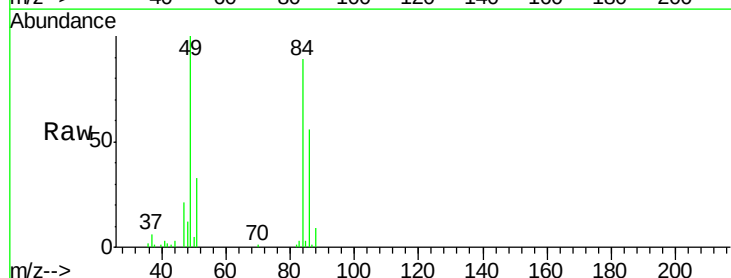
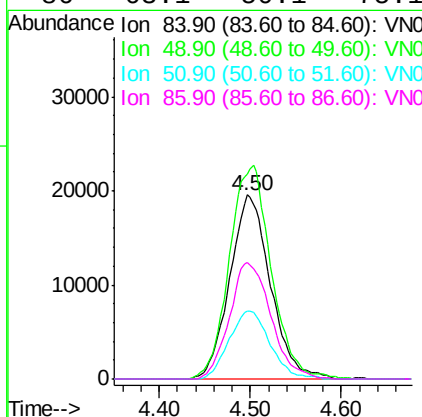
Manual Integrations
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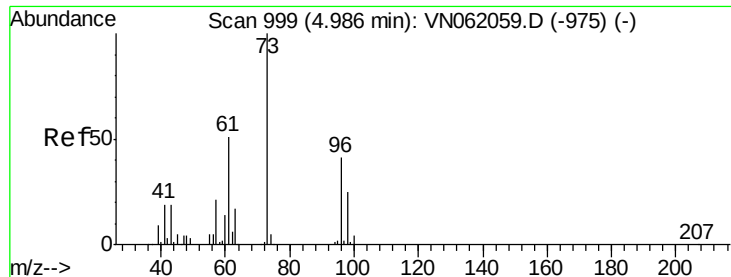
MMDadoda
7/2/2020 12:38:44 PM



#20
Methylene Chloride
Concen: 22.354 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 84 Resp: 60736
Ion Ratio Lower Upper
84 100
49 111.8 90.6 136.0
51 37.2 27.8 41.8
86 63.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

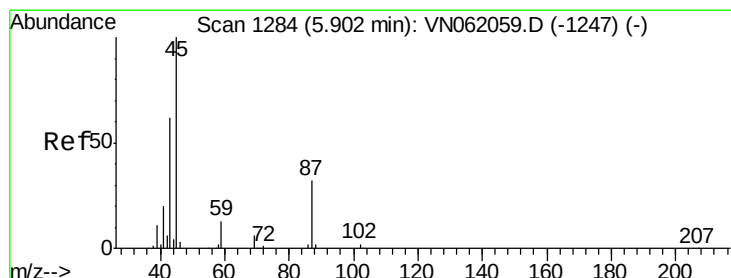
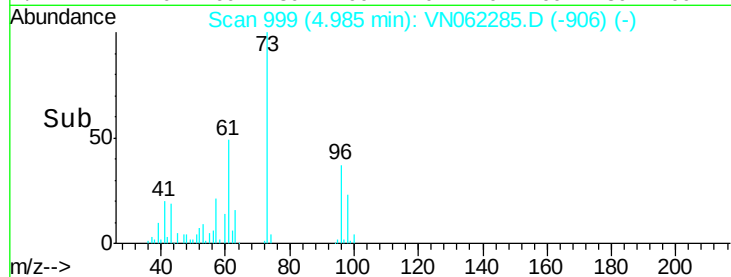
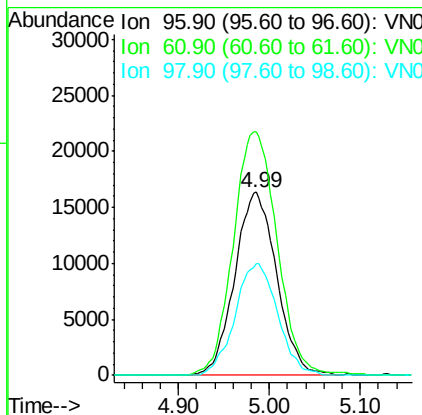
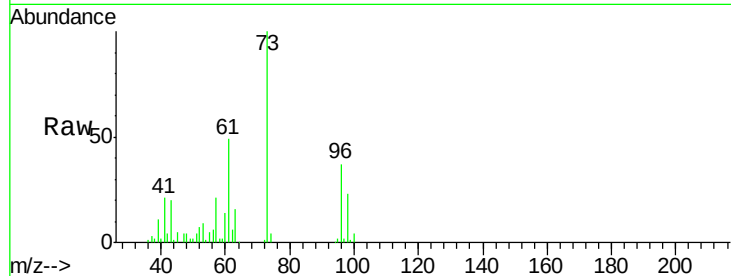
ClientSampleId :

VN0701WBS01

Tot Ion:	96	Resp:	52248
Ion	Ratio	Lower	Upper
96	100		
61	132.8	101.4	152.2
98	61.1	49.3	73.9

Manual Integrations
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7/2/2020 12:38:44 PM



#22

Diisopropyl ether

Concen: 22.164 ug/l

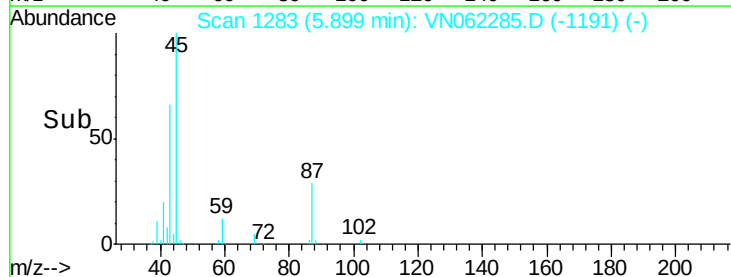
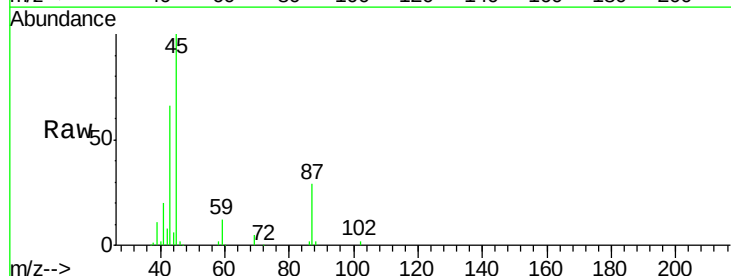
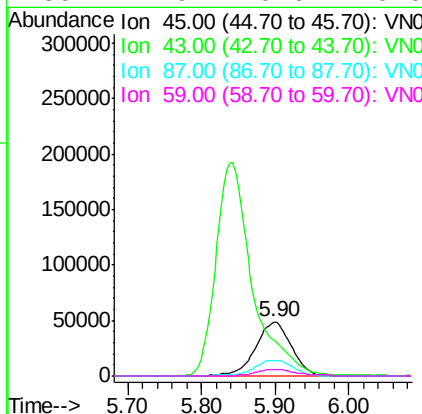
RT: 5.90 min Scan# 1283

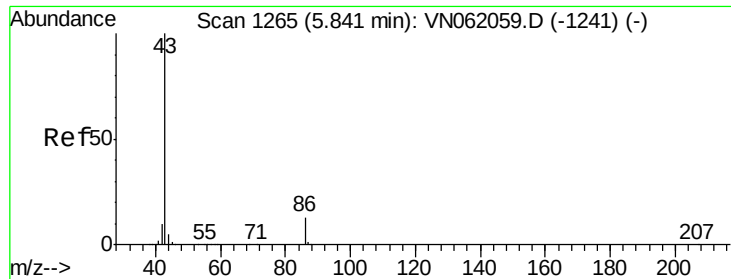
Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	45	Resp:	165499
Ion	Ratio	Lower	Upper
45	100		
43	63.9	49.7	74.5
87	28.6	25.9	38.9
59	11.9	10.6	16.0





#23

Vinyl Acetate

Concen: 108.443 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion: 43 Resp: 661122

Ion Ratio Lower Upper

43 100

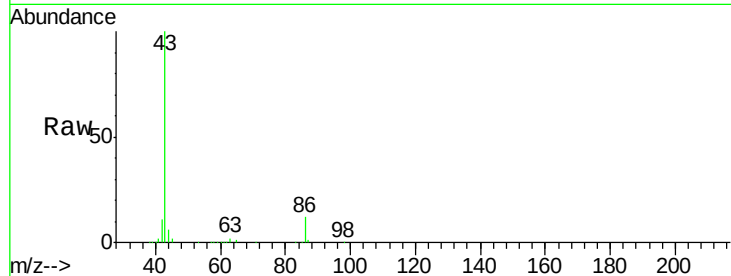
86 11.7 10.1 15.1

Manual Integrations

APPROVED

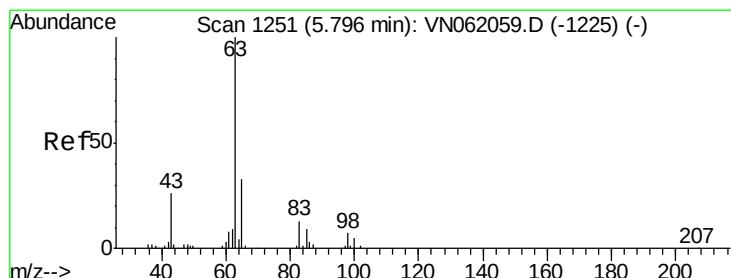
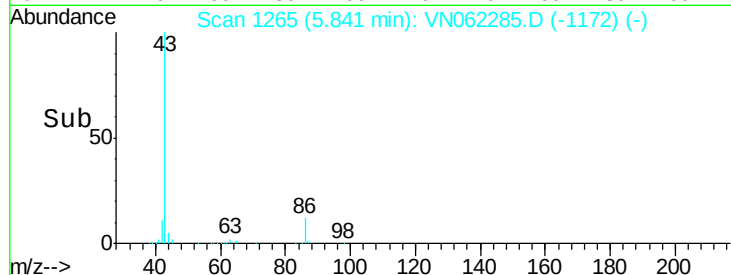
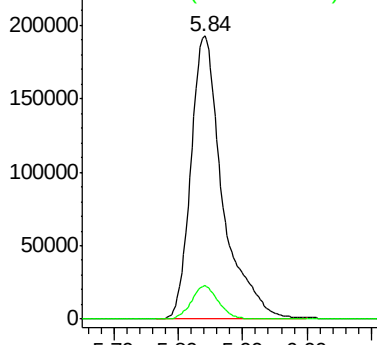
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.553 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

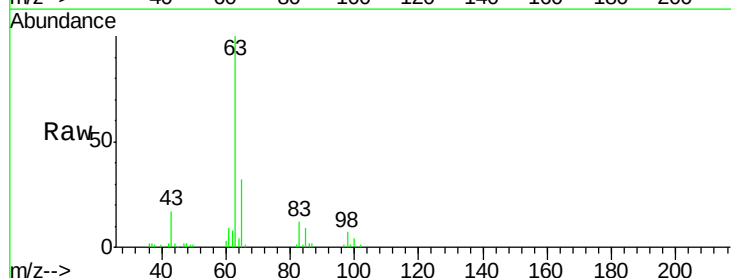
Tgt Ion: 63 Resp: 103634

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

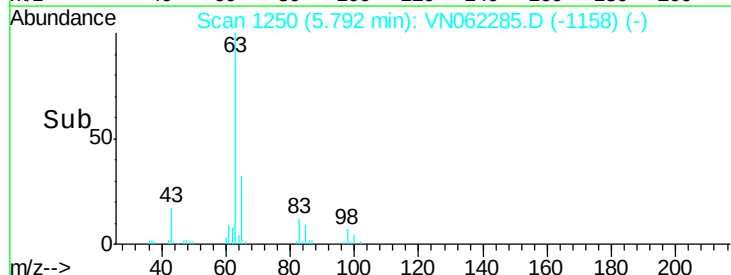
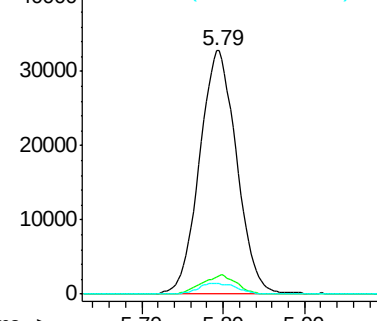
100 4.2 2.4 7.1

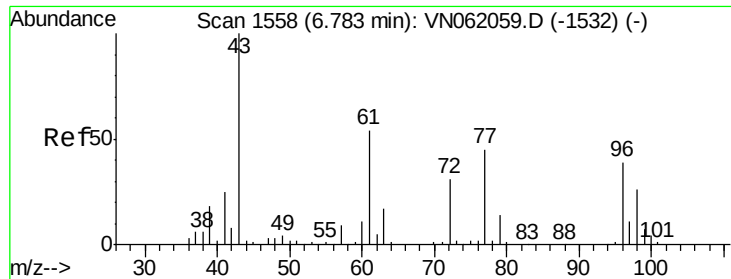


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





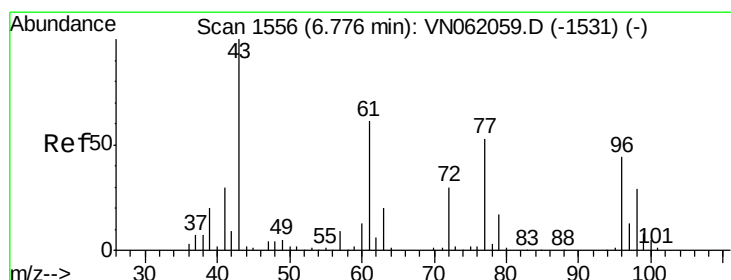
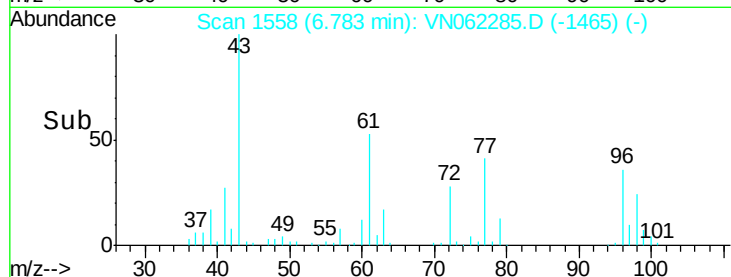
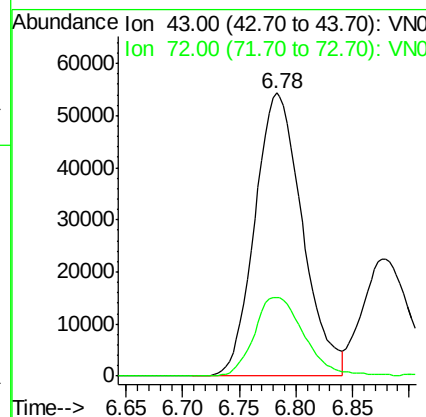
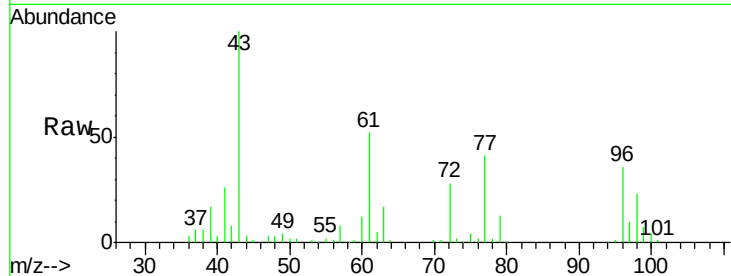
#25
2-Butanone
Concen: 109.991 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion: 43 Resp: 158271
Ion Ratio Lower Upper
43 100
72 27.9 24.8 37.2

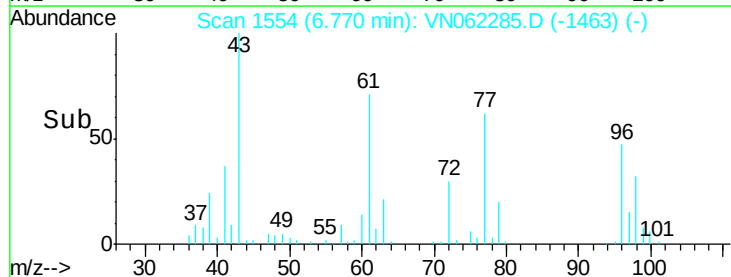
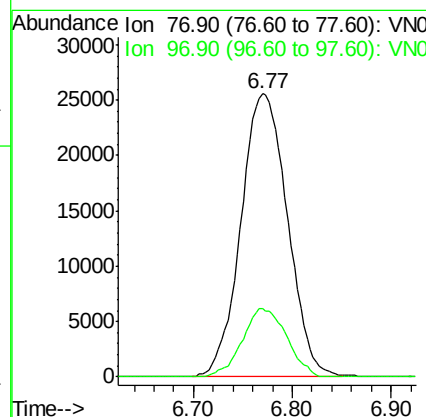
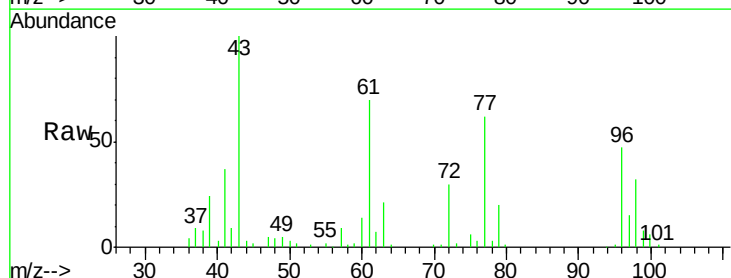
Manual Integrations
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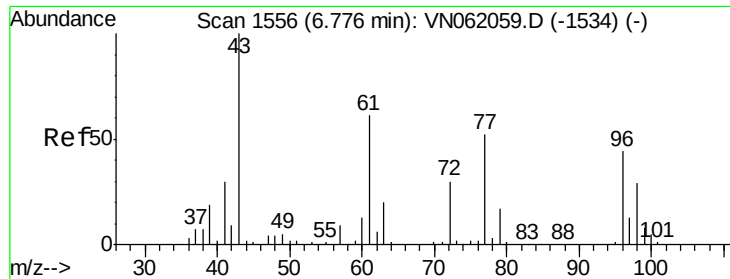
MMDadoda
7/2/2020 12:38:44 PM



#26
2,2-Dichloropropane
Concen: 20.868 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 77 Resp: 83616
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.871 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

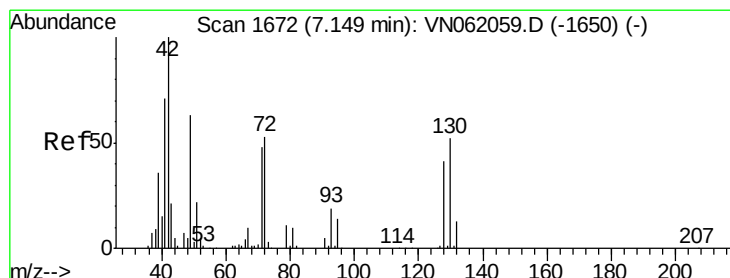
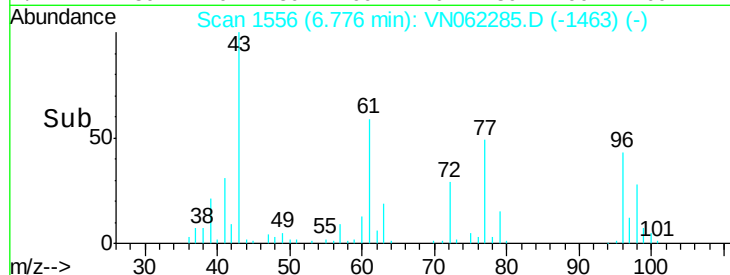
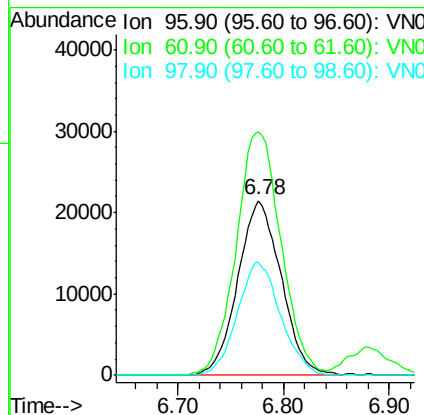
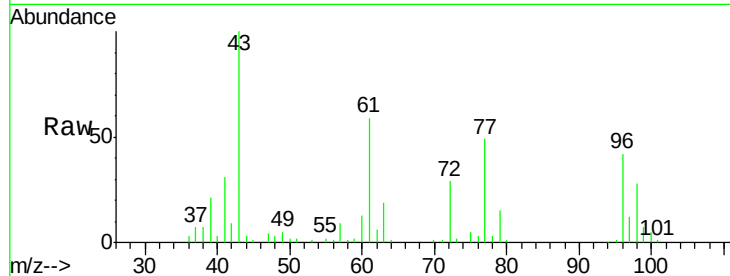
ClientSampled :

VN0701WBS01

Tot Ion:	96	Resp:	61359
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	280.4
98	64.6	0.0	129.4

Manual Integrations
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7/2/2020 12:38:44 PM



#28

Bromochloromethane

Concen: 20.525 ug/l

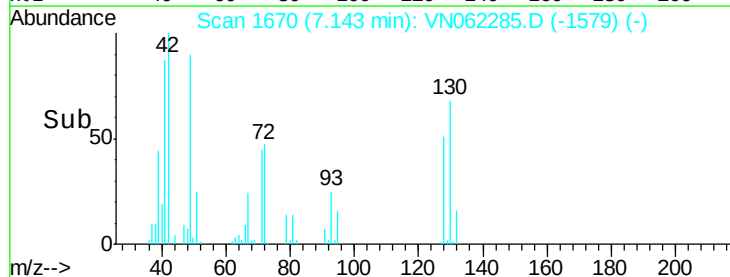
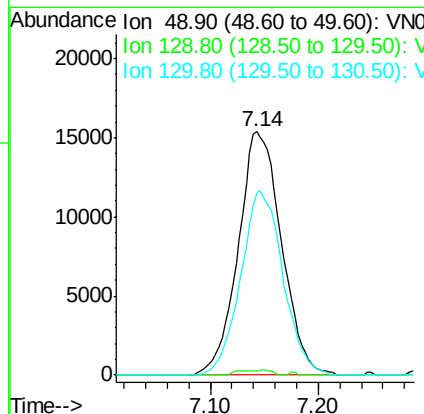
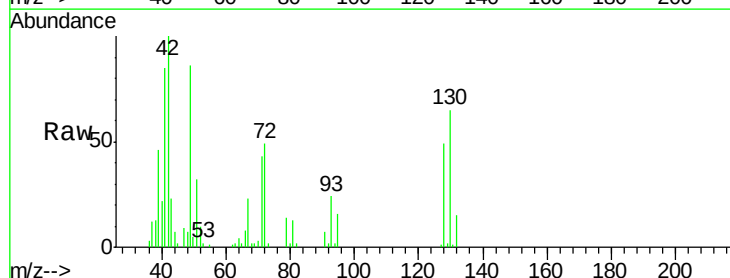
RT: 7.14 min Scan# 1670

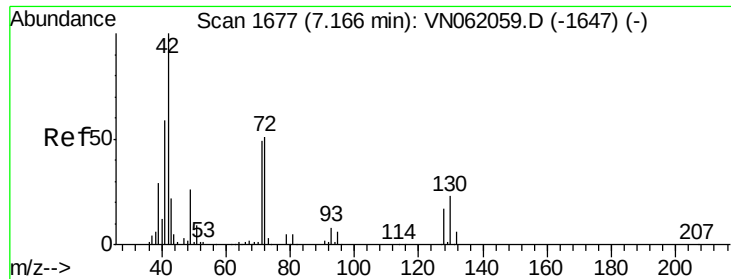
Delta R.T. -0.01 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	49	Resp:	42820
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	74.1	65.5	98.3





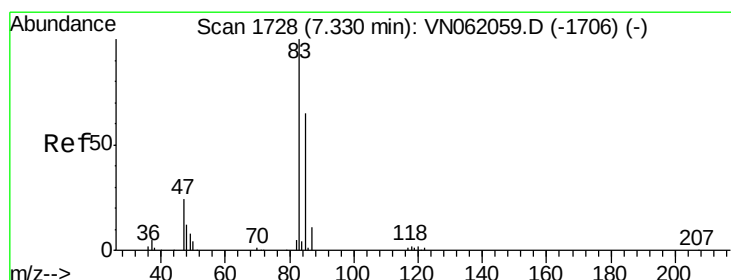
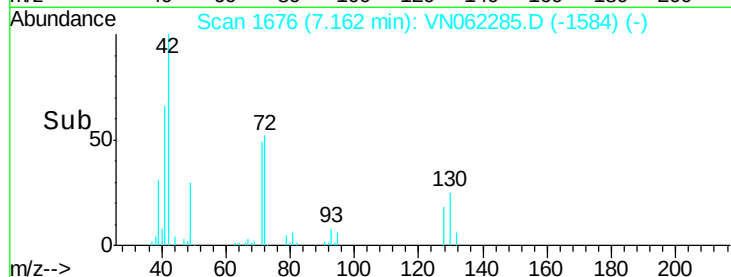
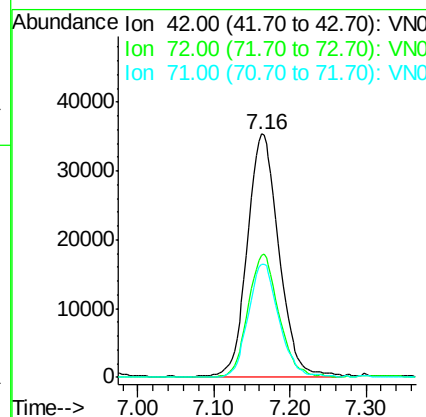
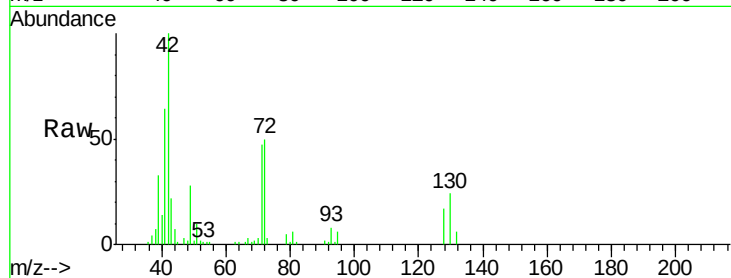
#29
Tetrahydrofuran
Concen: 109.184 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.1	61.7
71	45.1	38.2	57.4

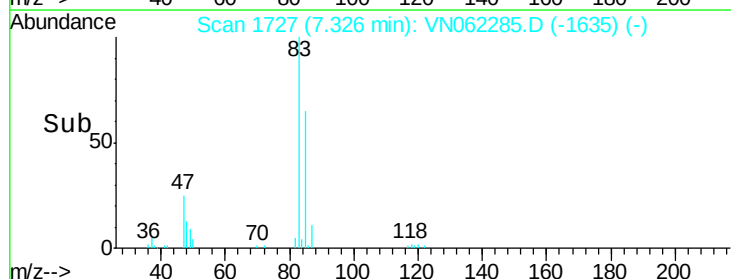
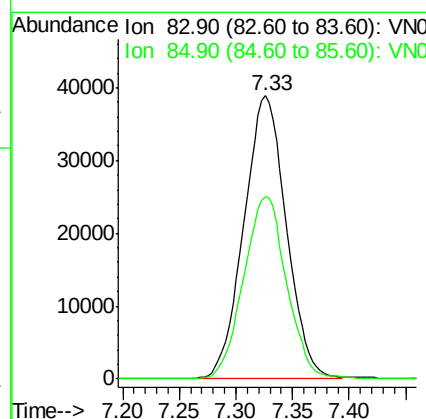
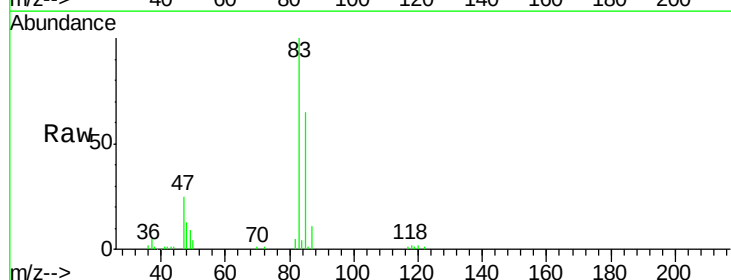
Manual Integrations
APPROVED

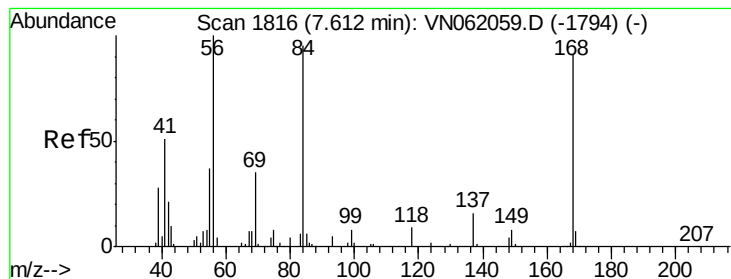
MMDadoda
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#30
Chloroform
Concen: 20.767 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.3	78.5





#31

Cyclohexane

Concen: 20.699 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

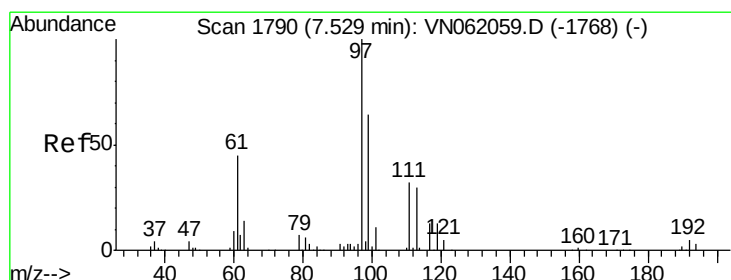
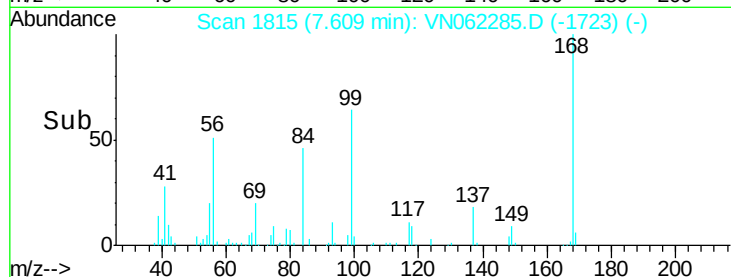
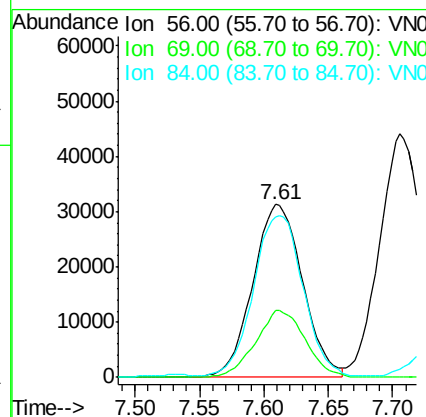
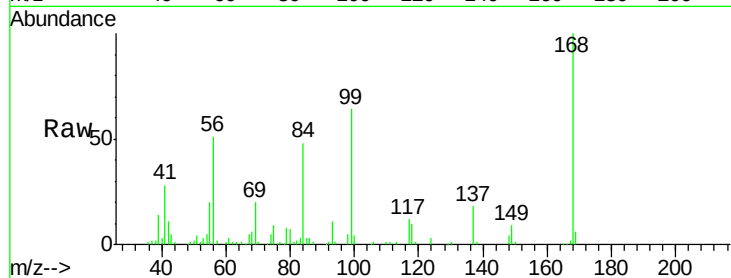
ClientSampleId :

VN0701WBS01

Tot Ion:	56	Resp:	84188
Ion	Ratio	Lower	Upper
56	100		
69	38.5	28.0	42.0
84	91.6	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.925 ug/l

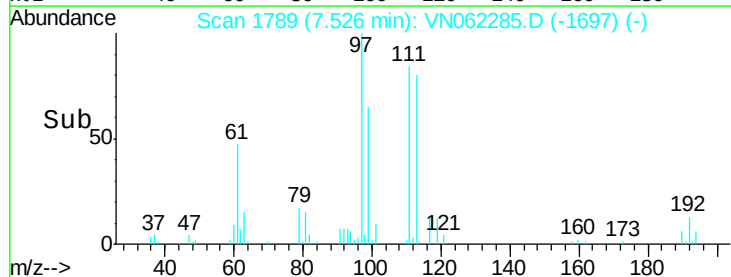
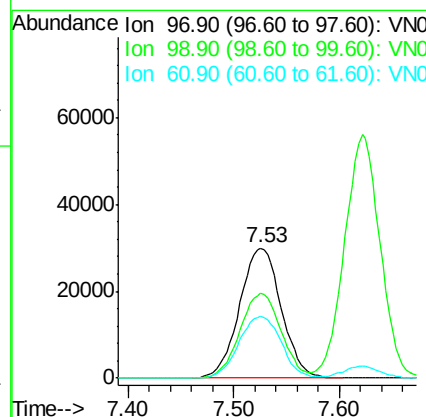
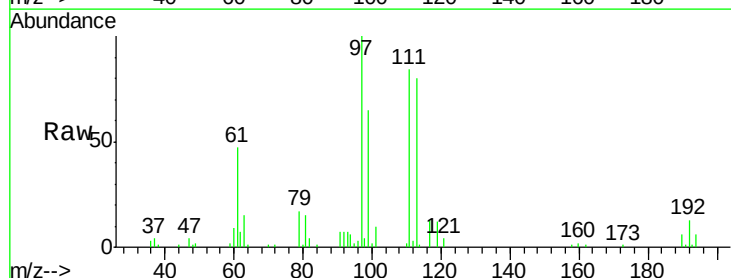
RT: 7.53 min Scan# 1789

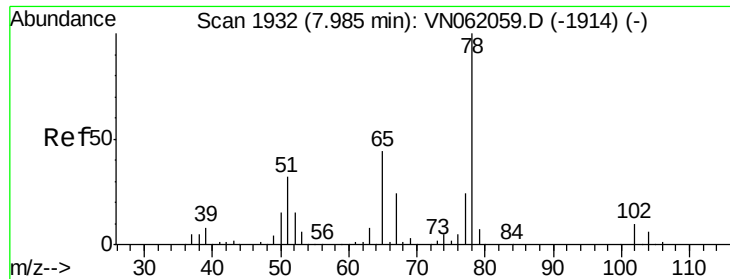
Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	97	Resp:	82204
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	48.1	36.2	54.2





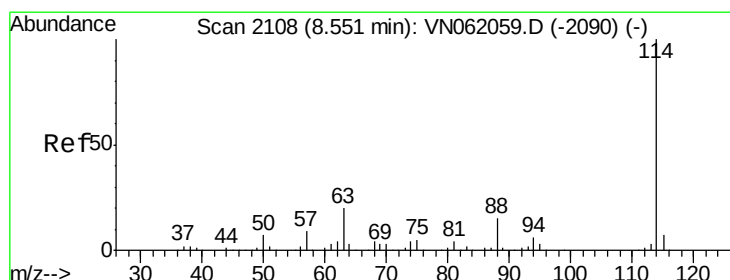
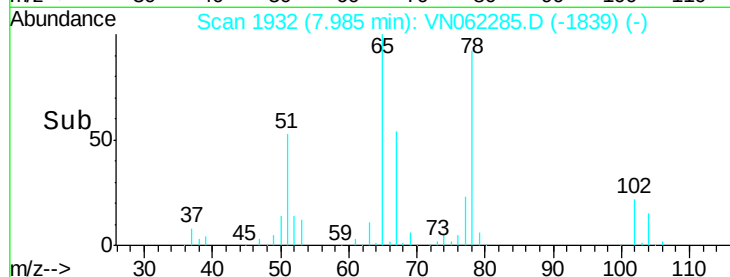
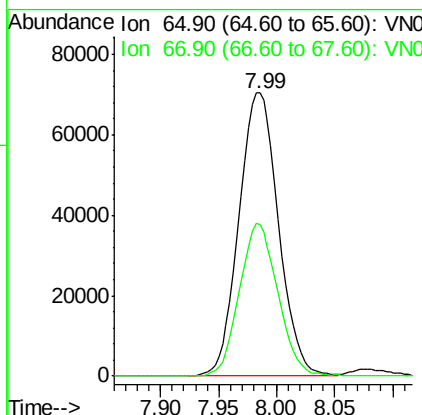
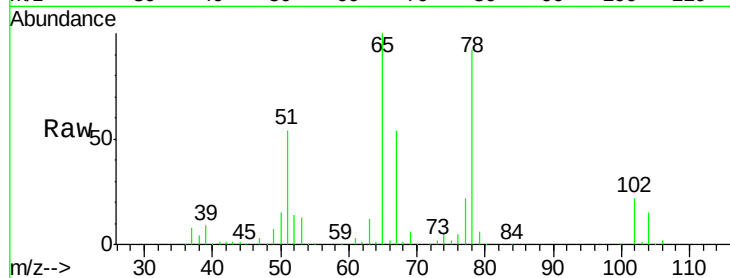
#33
 1,2-Dichloroethane-d4
 Concen: 56.856 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167379		
67	52.3	0.0	106.2	

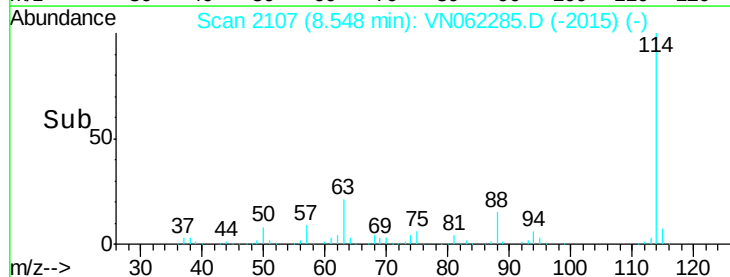
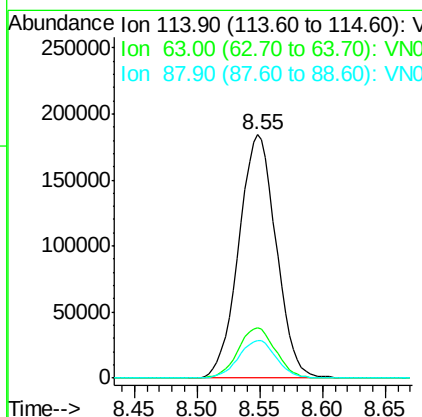
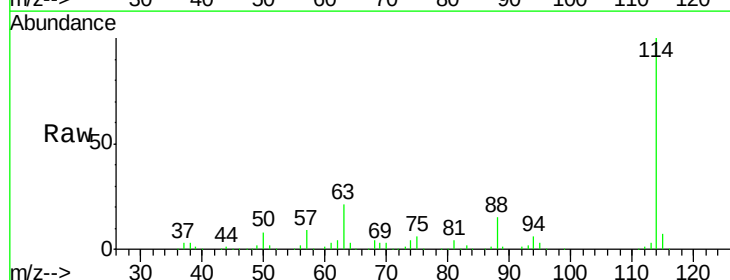
Manual Integrations
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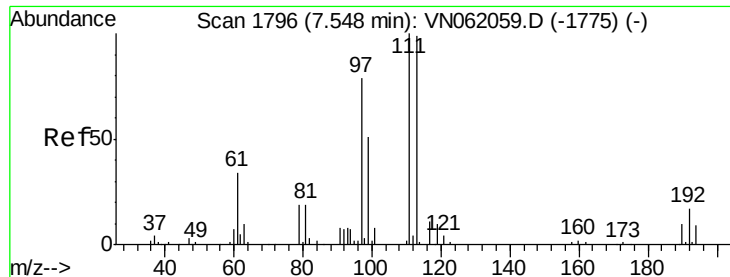
MMDadoda
 7/2/2020 12:38:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381922		
63	20.9	0.0	39.2	
88	15.4	0.0	30.8	





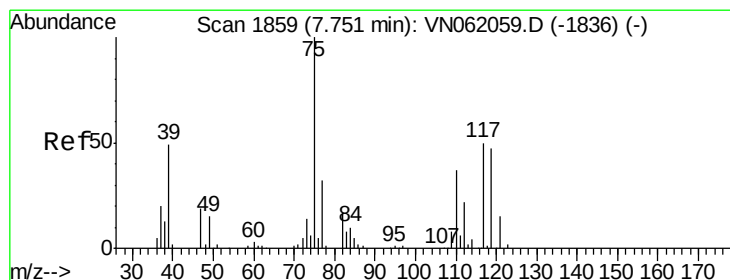
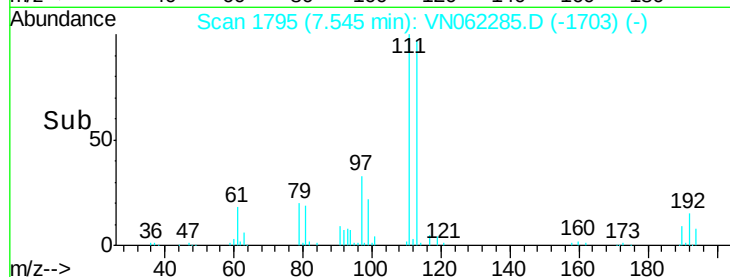
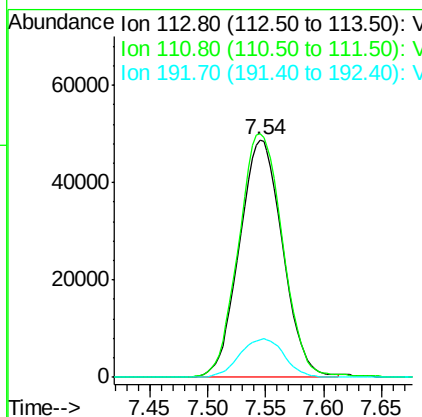
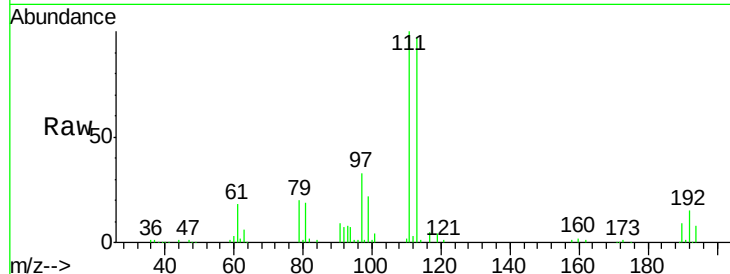
#35
 Dibromofluoromethane
 Concen: 51.625 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126491		
111	104.6	82.2	123.4	
192	16.7	14.0	21.0	

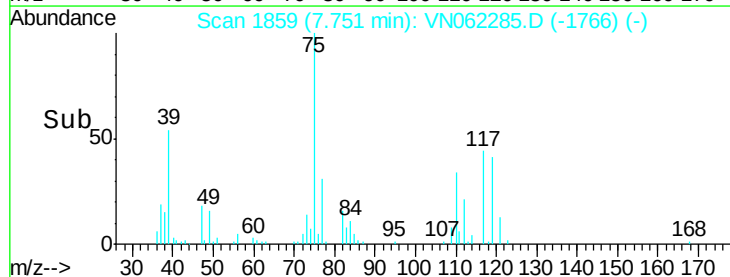
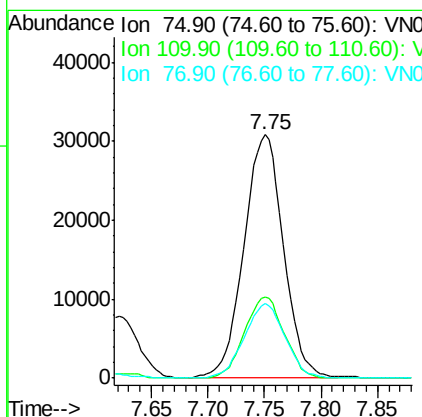
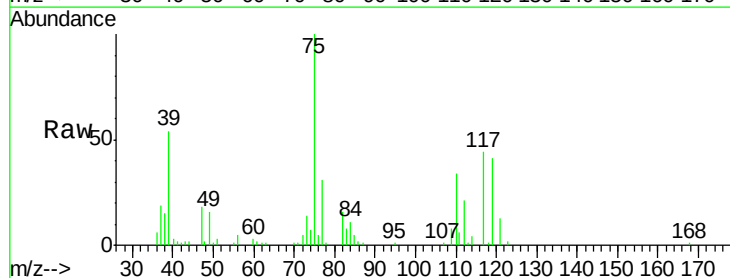
Manual Integrations
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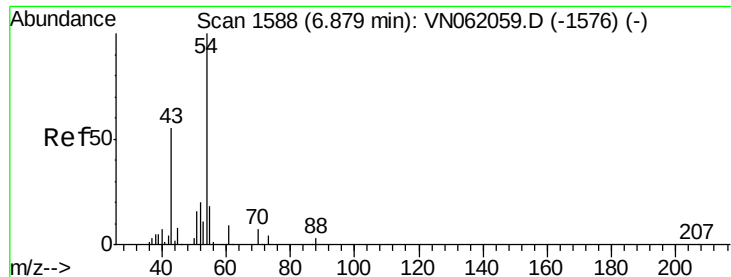
MMDadoda
 7/2/2020 12:38:44 PM



#36
 1,1-Dichloropropene
 Concen: 19.569 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75123		
110	33.3	17.9	53.8	
77	31.4	24.9	37.3	





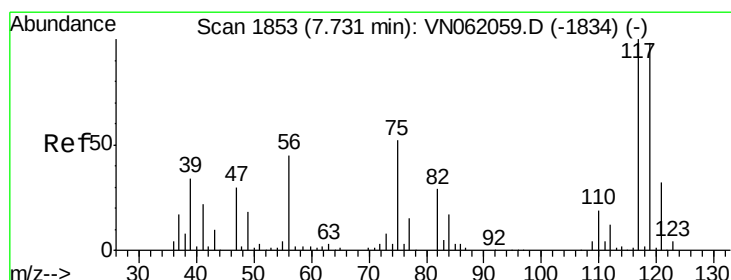
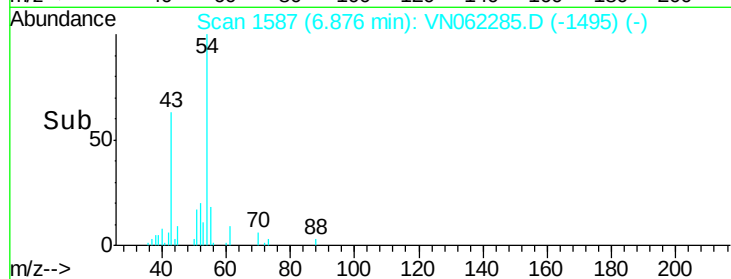
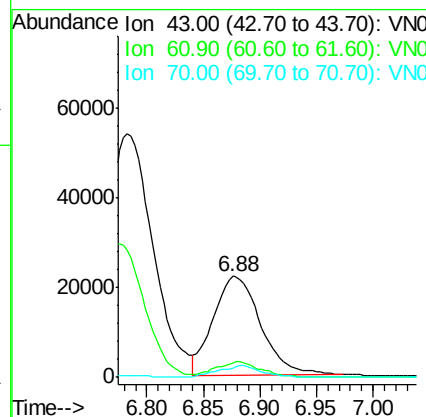
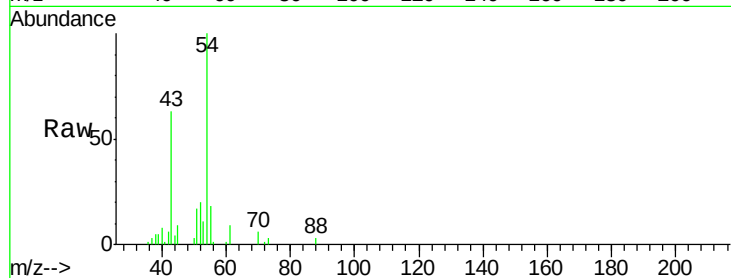
#37
Ethyl Acetate
Concen: 20.372 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	43	Resp	64758
Ion Ratio	100	Lower	Upper
43	100		
61	15.3	12.0	18.0
70	11.0	9.6	14.4

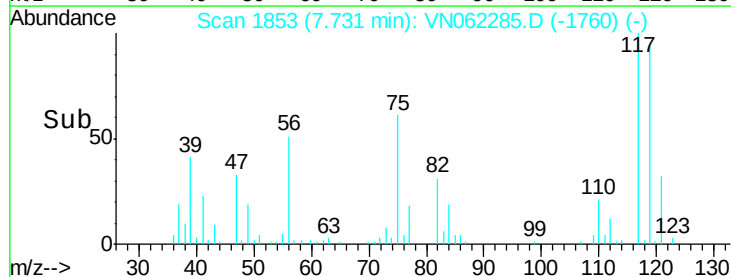
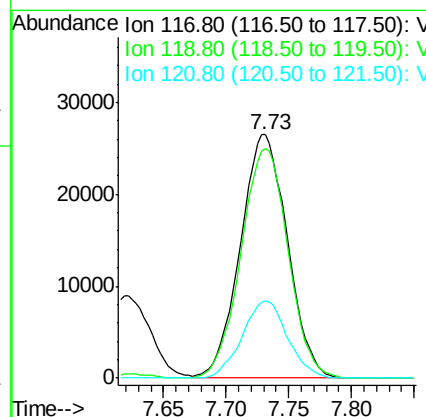
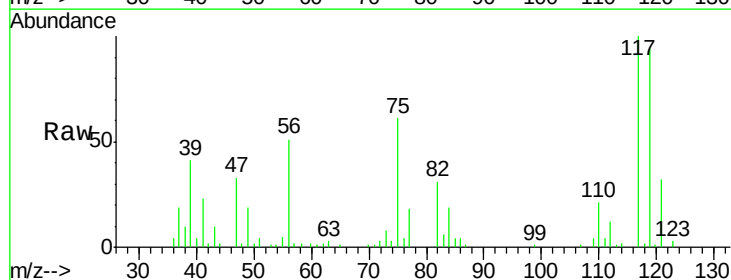
Manual Integrations
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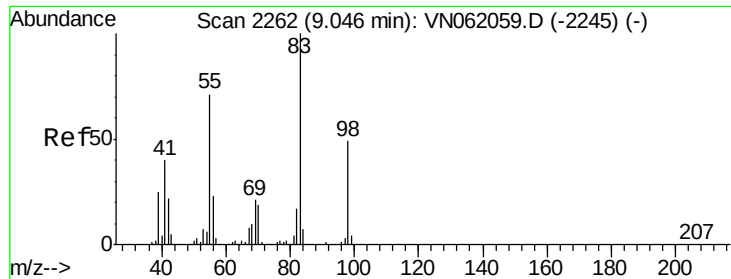
MMDadoda
7/2/2020 12:38:44 PM



#38
Carbon Tetrachloride
Concen: 19.091 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	117	Resp	69093
Ion Ratio	100	Lower	Upper
117	100		
119	94.4	78.2	117.2
121	31.8	25.8	38.6





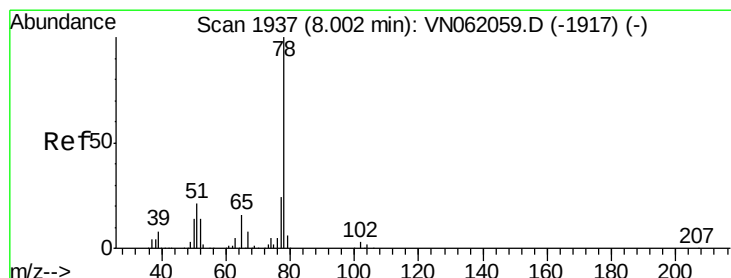
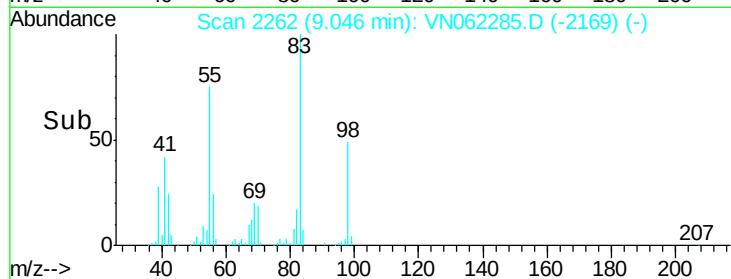
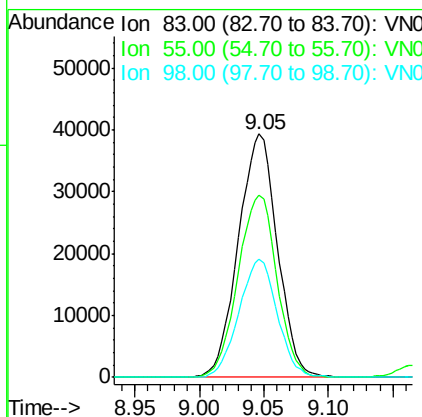
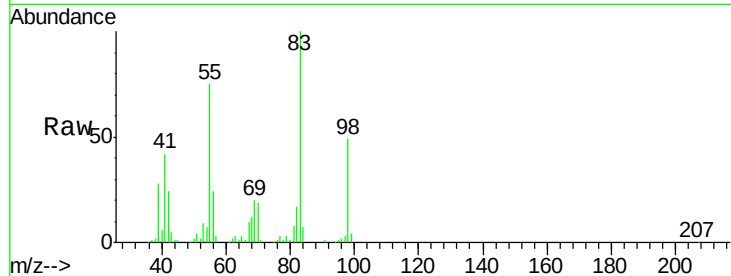
#39
Methylvlcyclohexane
Concen: 19.753 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	83	Resp	83087
Ion Ratio	Lower	Upper	
83	100		
55	74.7	57.0	85.6
98	48.6	39.0	58.6

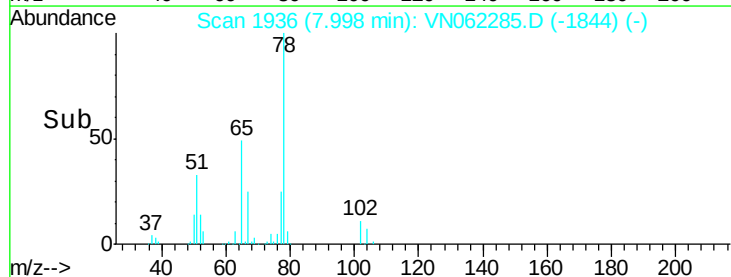
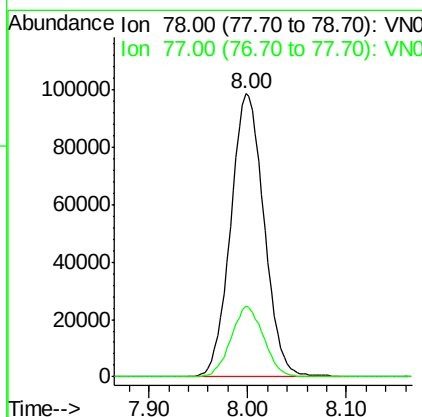
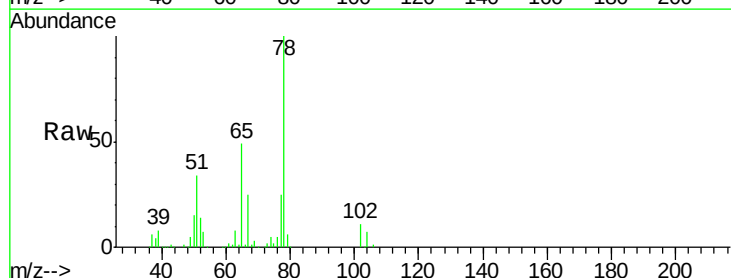
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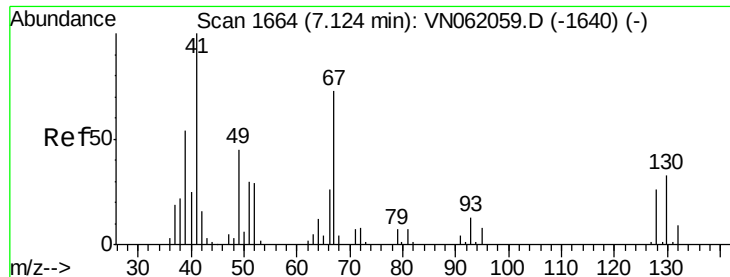
MMDadoda
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#40
Benzene
Concen: 19.890 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	78	Resp	232724
Ion Ratio	Lower	Upper	
78	100		
77	25.0	19.5	29.3





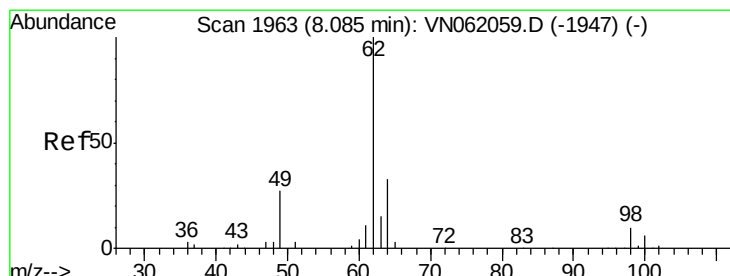
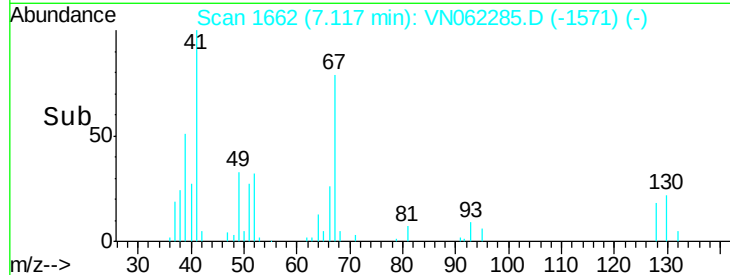
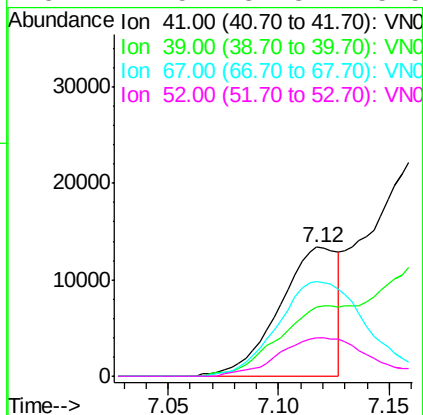
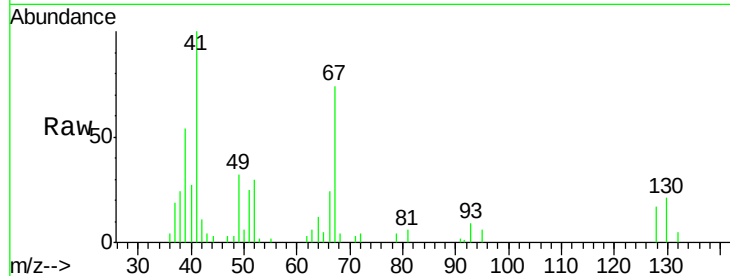
#41
Methacrylonitrile
Concen: 16.670 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion:	41	Resp:	24567
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.2	66.2
67	114.2	79.5	119.3
52	47.5	32.3	48.5

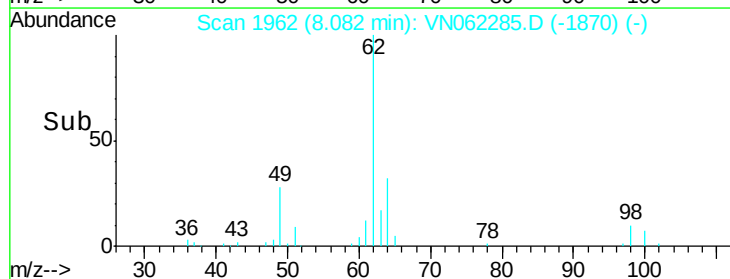
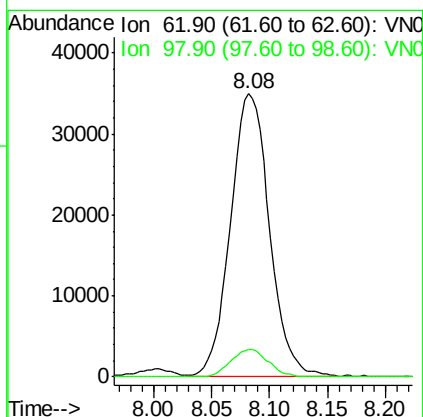
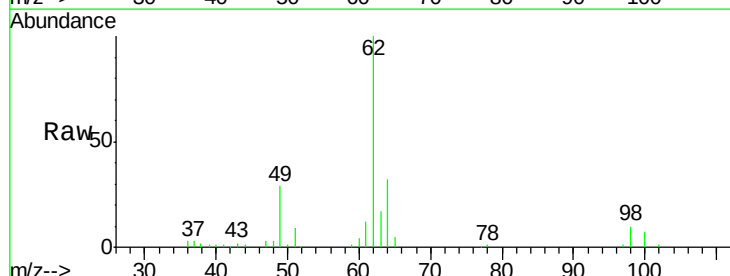
Manual Integrations
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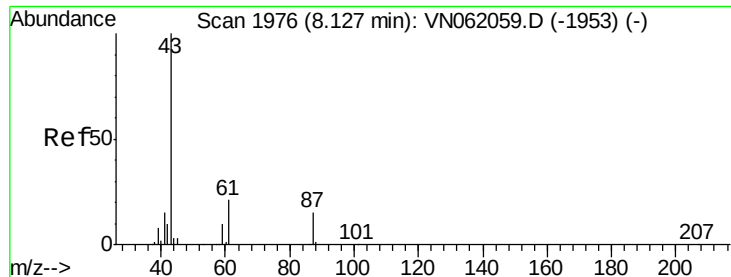
MMDadoda
7/2/2020 12:38:44 PM



#42
1,2-Dichloroethane
Concen: 20.672 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion:	62	Resp:	81723
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





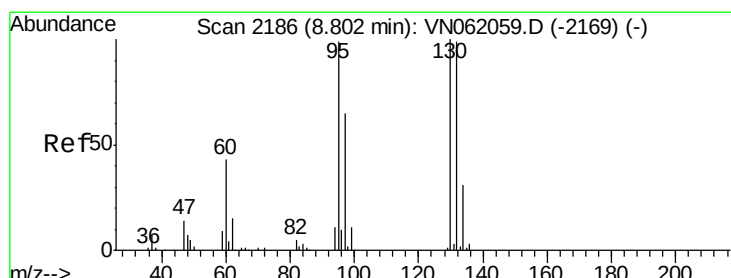
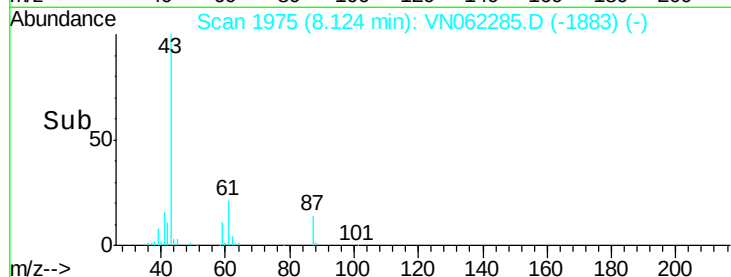
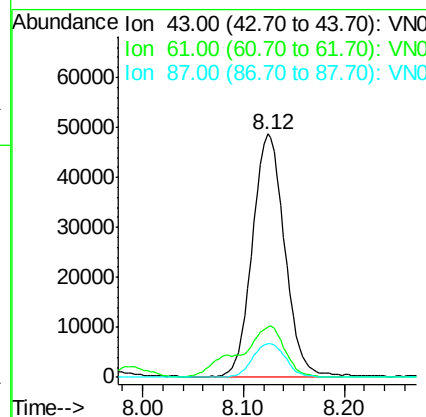
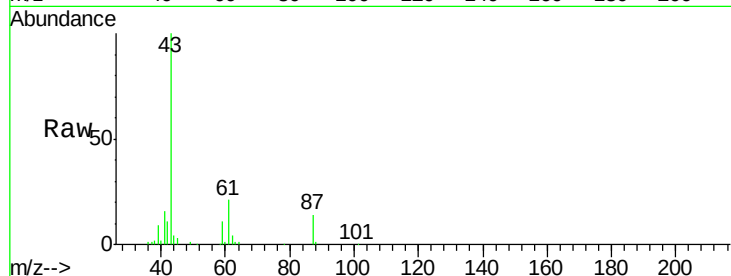
#43
Isopropyl Acetate
Concen: 20.922 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	17.2	25.8#
87	14.1	12.1	18.1

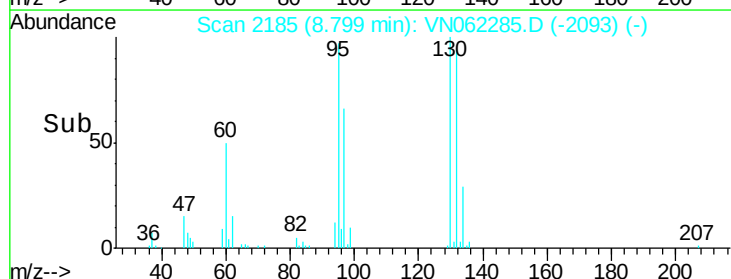
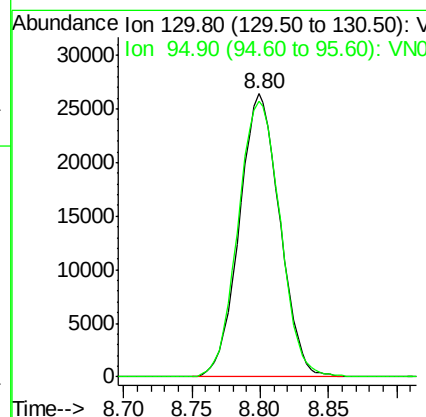
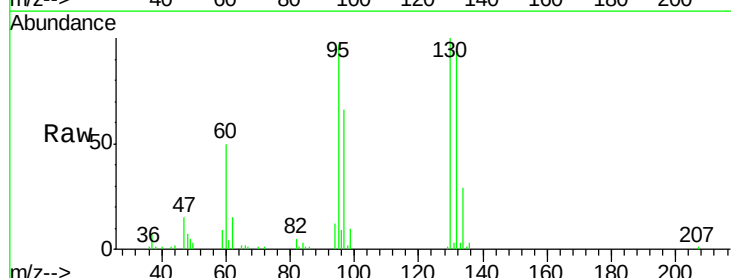
Manual Integrations
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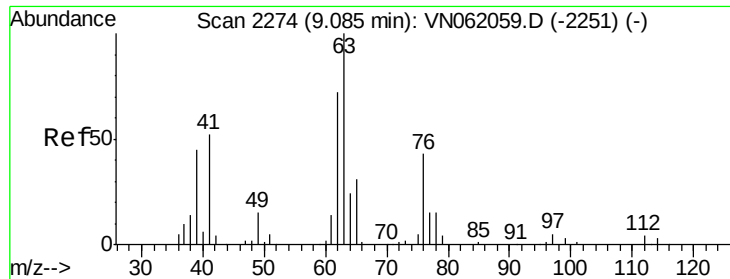
MMDadoda
7/2/2020 12:38:44 PM



#44
Trichloroethene
Concen: 18.397 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	197.8





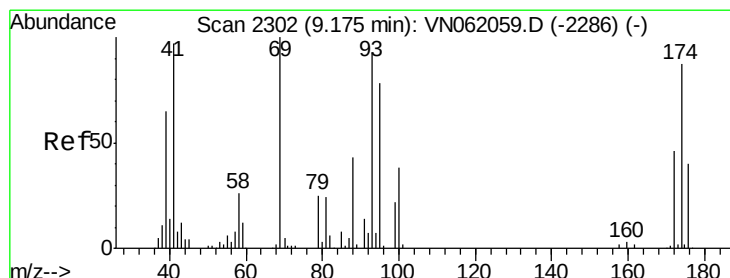
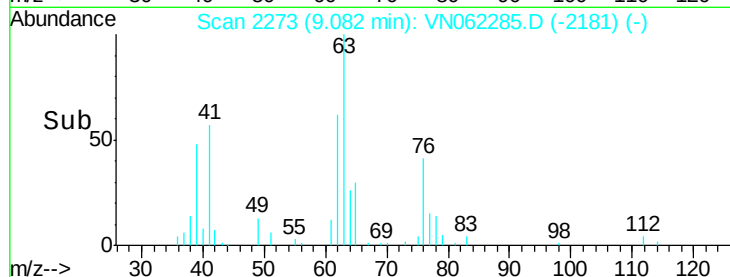
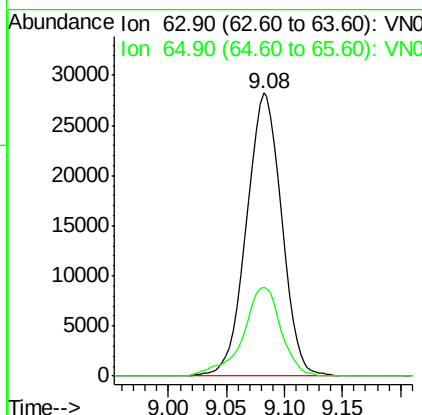
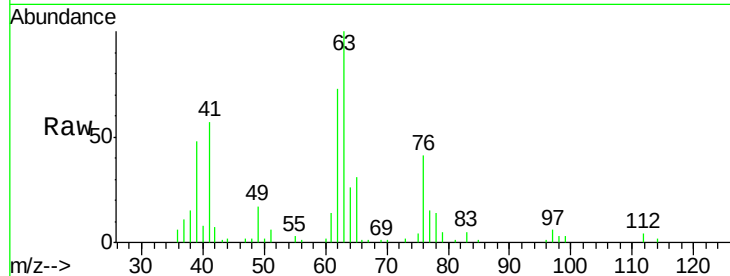
#45
 1,2-Dichloropropane
 Concen: 20.731 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion: 63 Resp: 59844
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

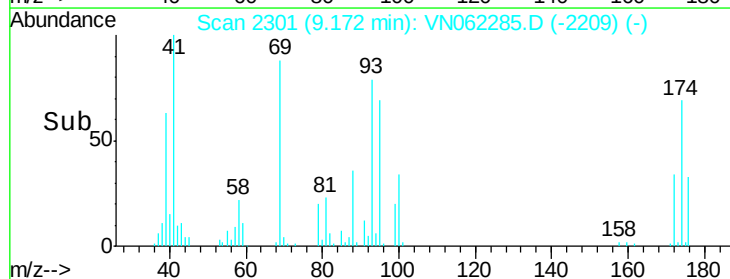
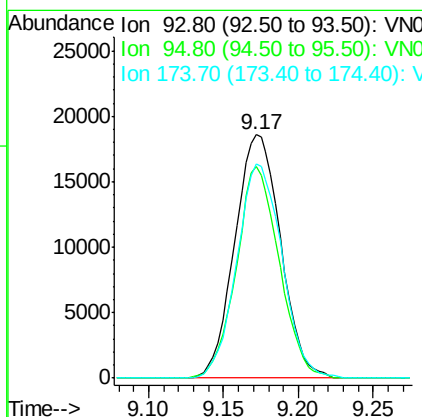
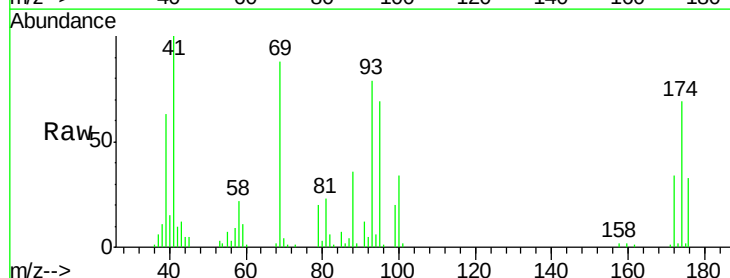
Manual Integrations
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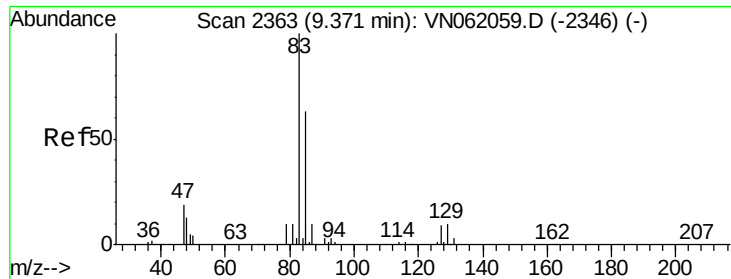
MMDadoda
 7/2/2020 12:38:44 PM



#46
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 93 Resp: 39595
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.0 100.6
 174 86.7 74.4 111.6





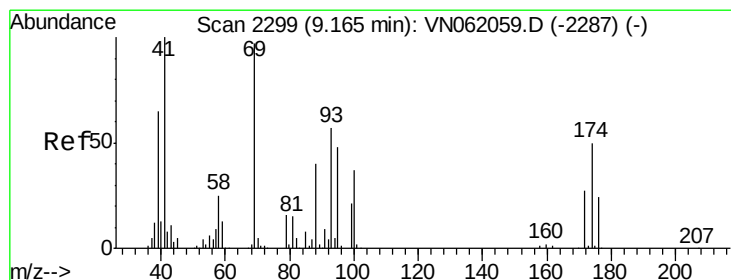
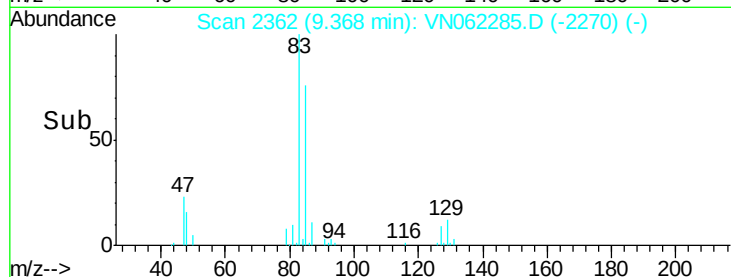
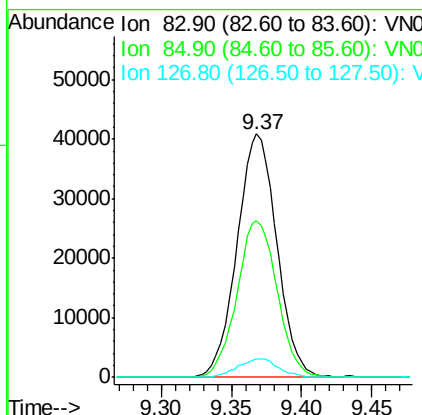
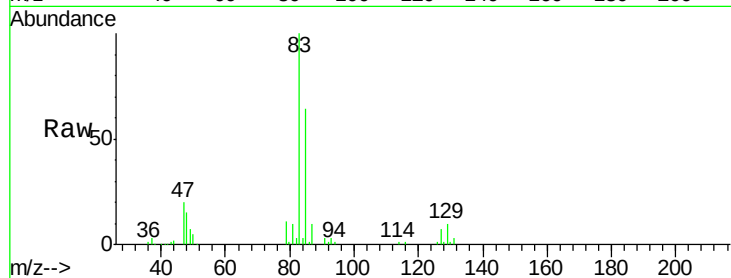
#47
Bromodichloromethane
Concen: 20.449 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	7.4	6.9	10.3

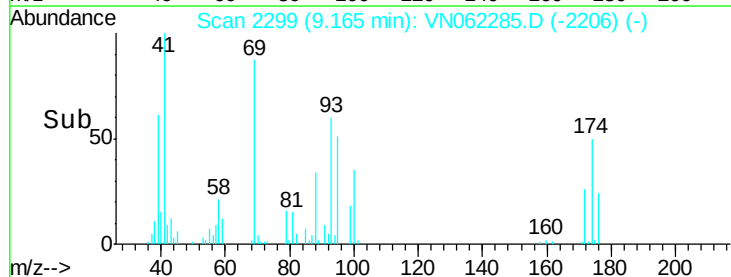
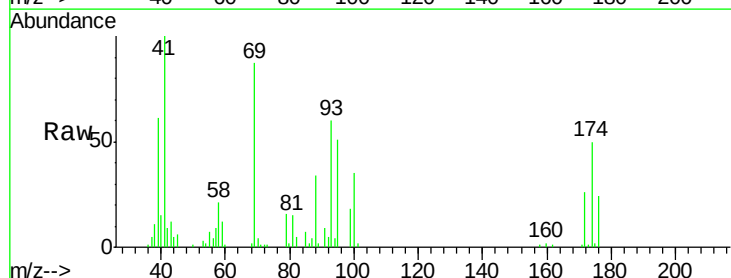
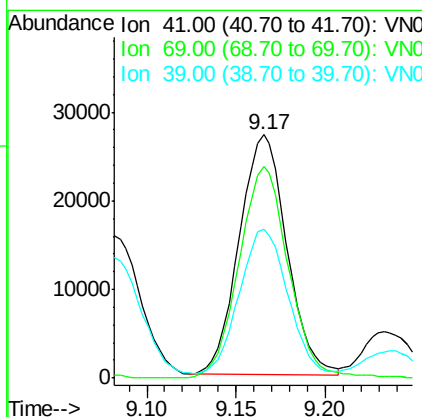
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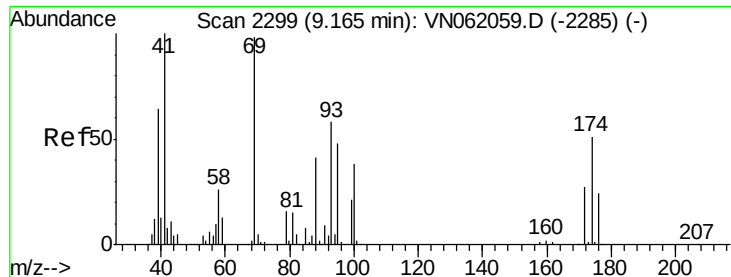
MMDadoda
7/2/2020 12:38:44 PM



#48
Methyl methacrylate
Concen: 21.717 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.3	80.7	121.1
39	64.1	54.5	81.7





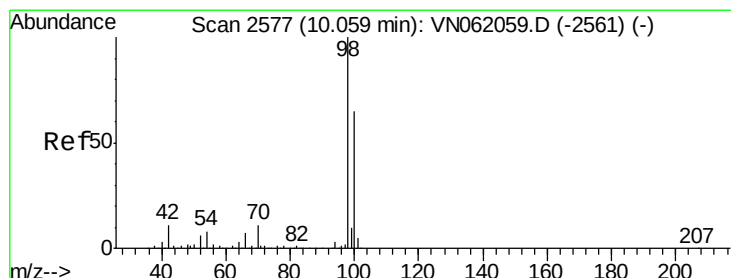
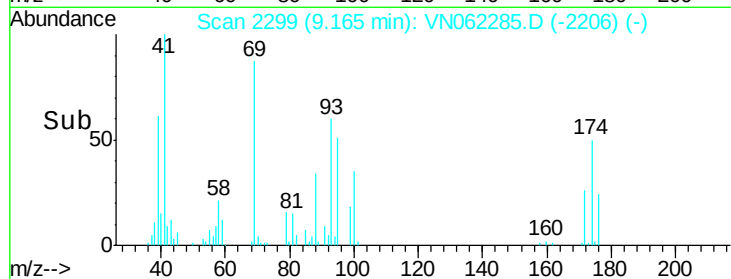
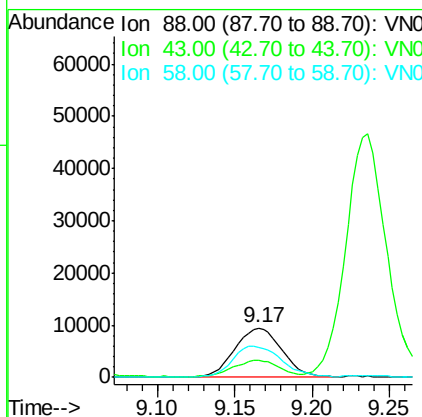
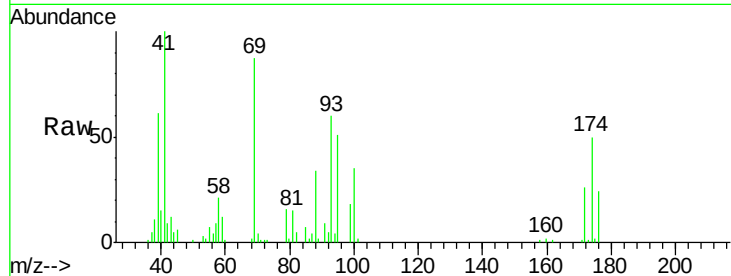
#49
1,4-Dioxane
Concen: 388.527 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

Tot Ion	88	Resp	20019
Ion	Ratio	Lower	Upper
88	100		
43	35.4	22.0	33.0#
58	66.0	49.2	73.8

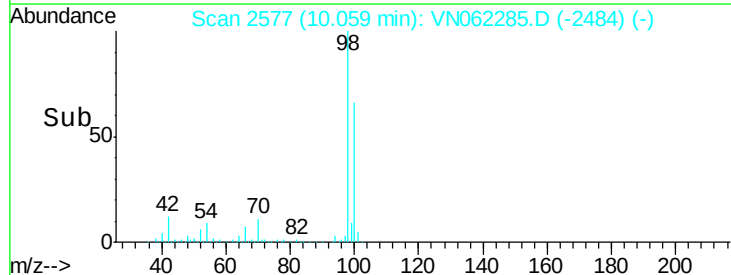
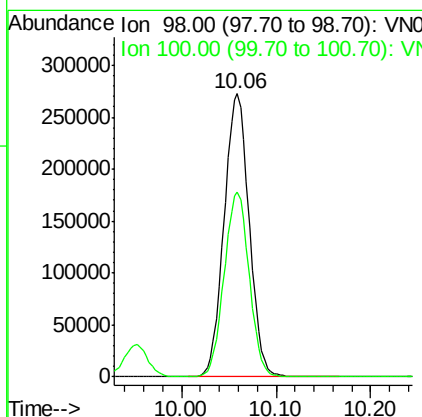
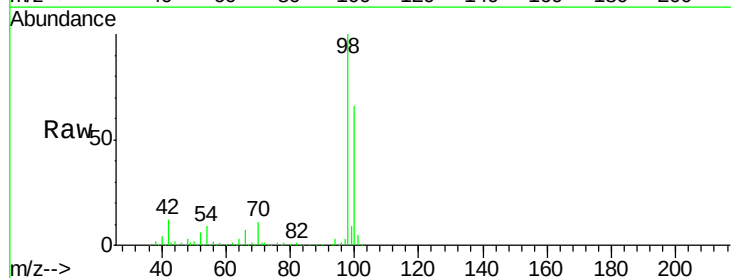
Manual Integrations
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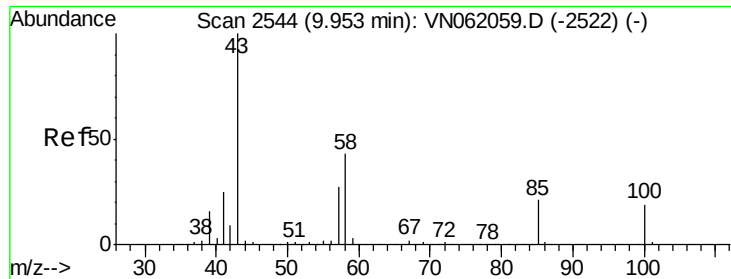
MMDadoda
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#50
Toluene-d8
Concen: 51.349 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	98	Resp	502924
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





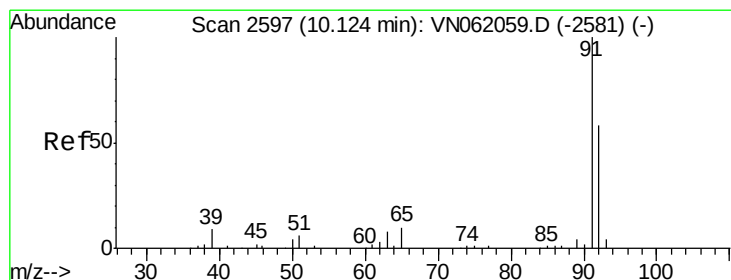
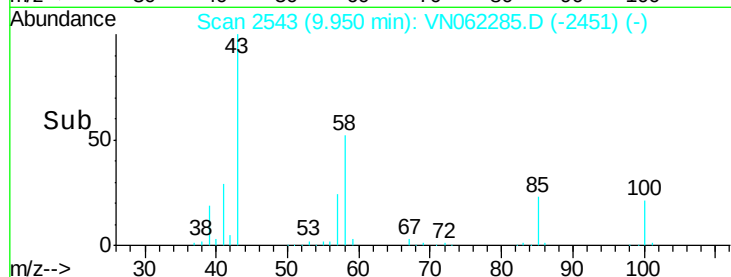
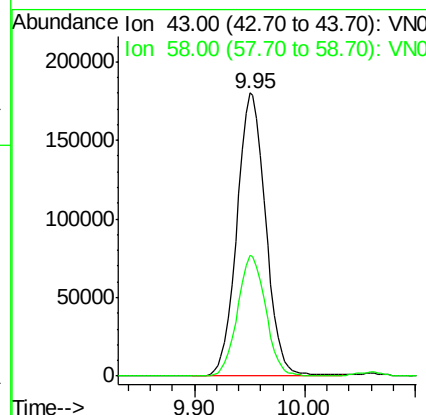
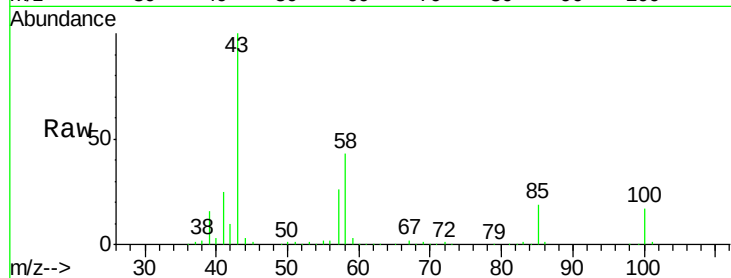
#51
4-Methyl-2-Pentanone
Concen: 107.308 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion: 43 Resp: 324886
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.2

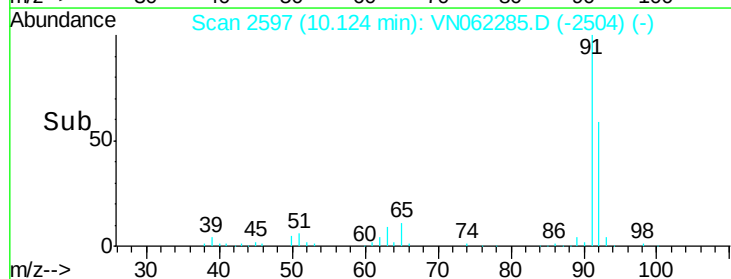
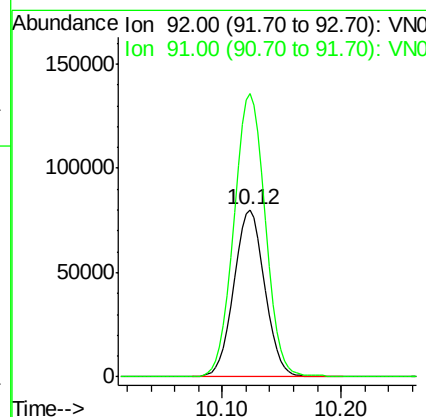
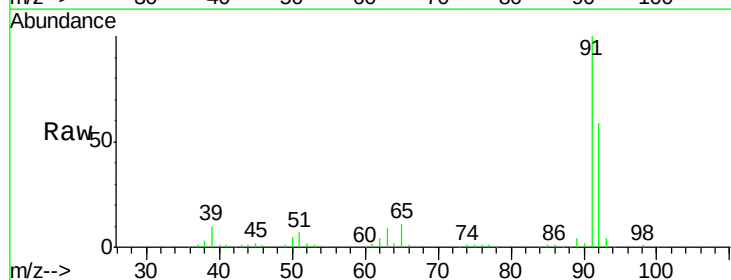
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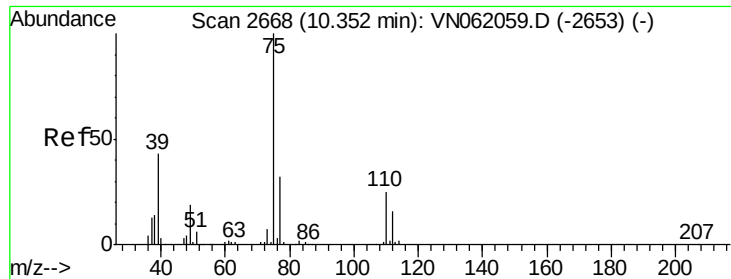
MMDadoda
7/2/2020 12:38:44 PM



#52
Toluene
Concen: 20.202 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 92 Resp: 144225
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





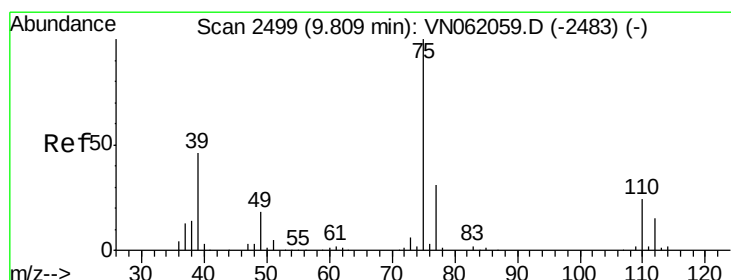
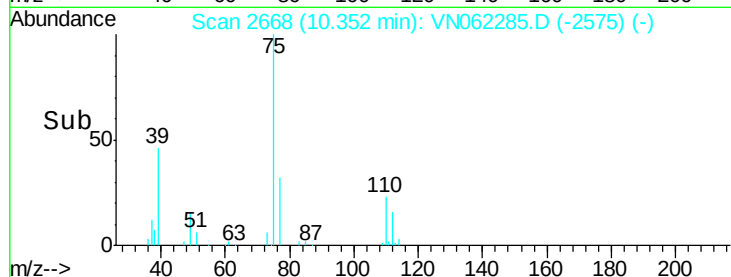
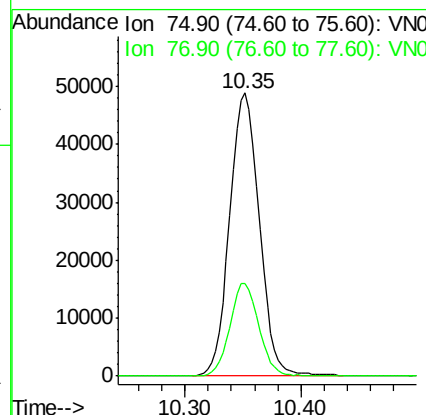
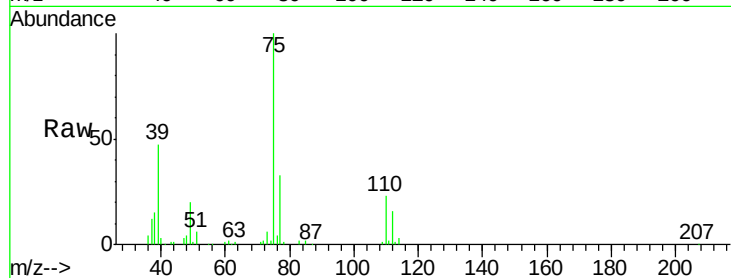
#53
t-1,3-Dichloropropene
Concen: 19.924 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion: 75 Resp: 86622
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

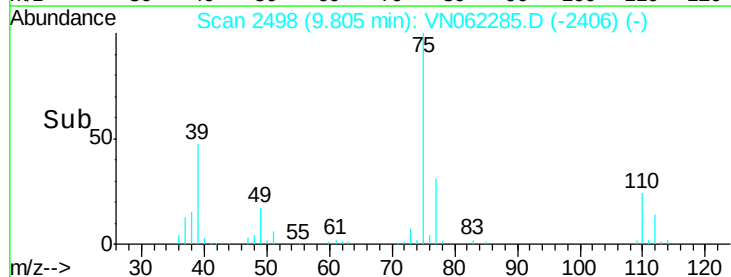
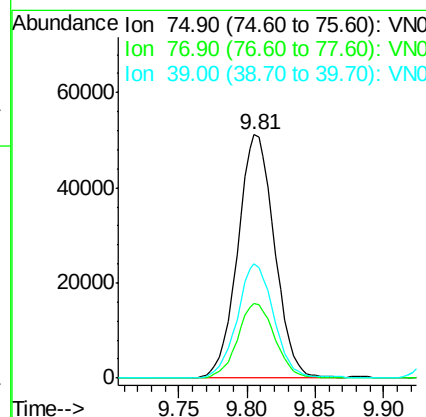
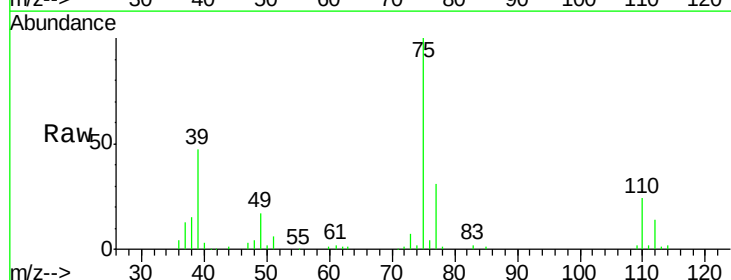
Manual Integrations
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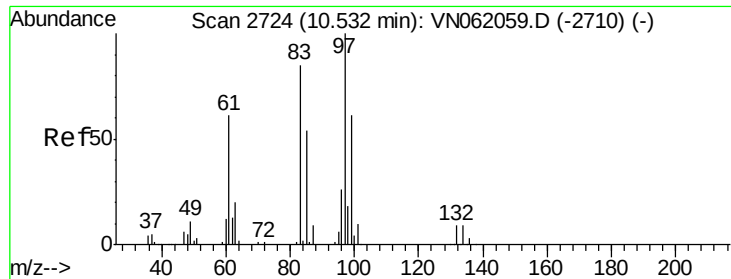
MMDadoda
7/2/2020 12:38:44 PM



#54
cis-1,3-Dichloropropene
Concen: 20.686 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 75 Resp: 95748
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 46.8 36.9 55.3





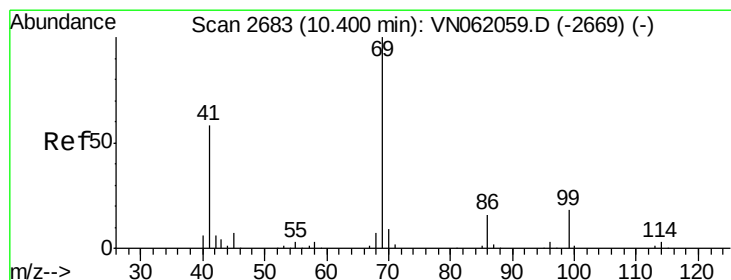
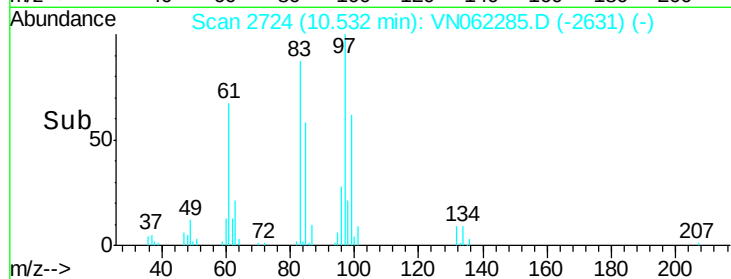
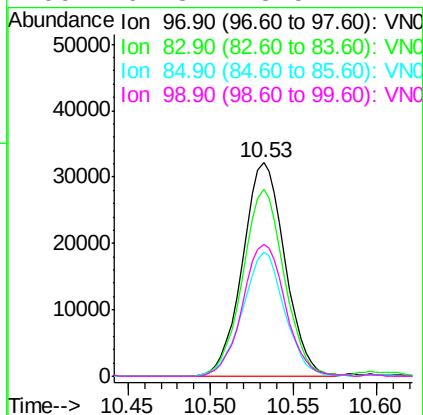
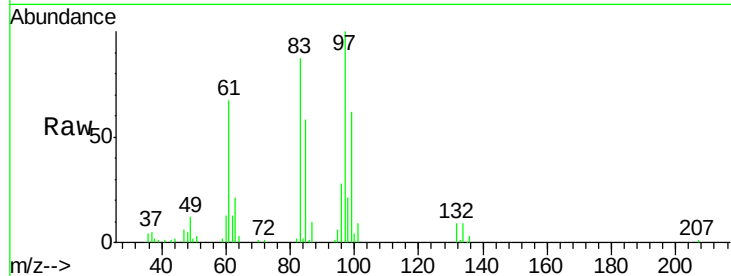
#55
 1,1,2-Trichloroethane
 Concen: 20.331 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.2
85	57.9	43.2	64.8
99	61.8	48.5	72.7

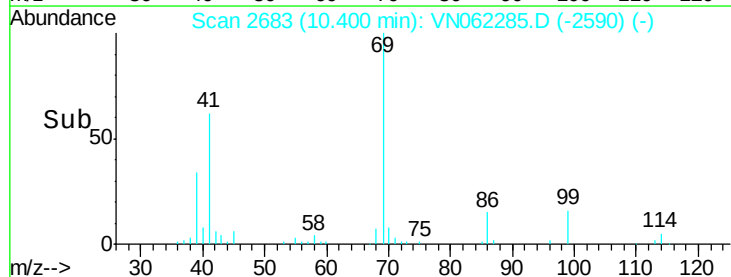
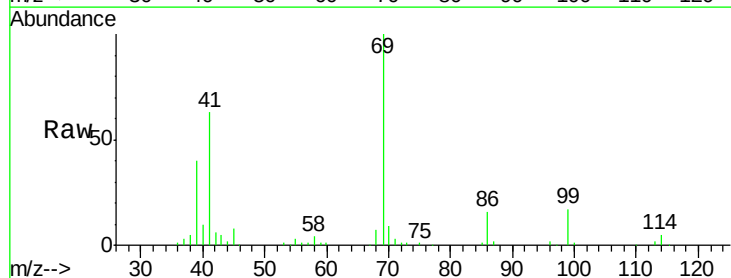
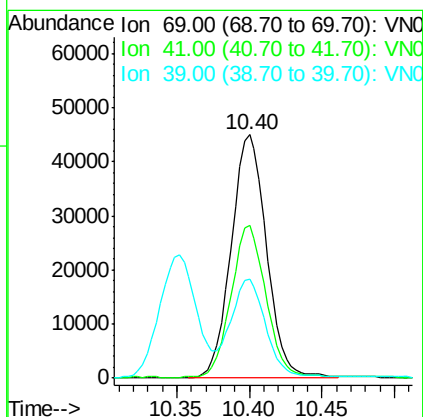
Manual Integrations
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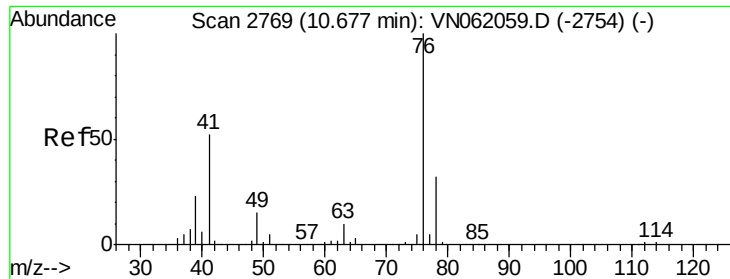
MMDadoda
 7/2/2020 12:38:44 PM



#56
 Ethyl methacrylate
 Concen: 20.385 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.0	46.6	70.0
39	39.4	31.0	46.4





#57

1,3-Dichloropropane

Concen: 20.690 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion: 76 Resp: 99942

Ion Ratio Lower Upper

76 100

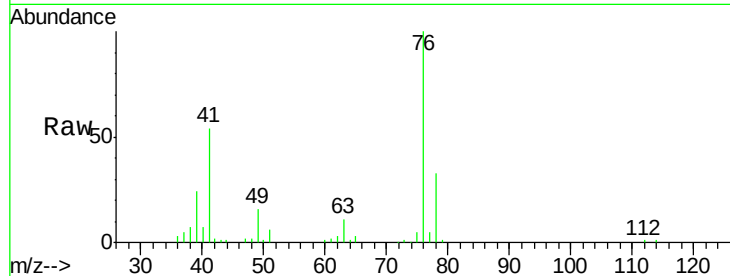
78 32.8 25.8 38.8

Manual Integrations

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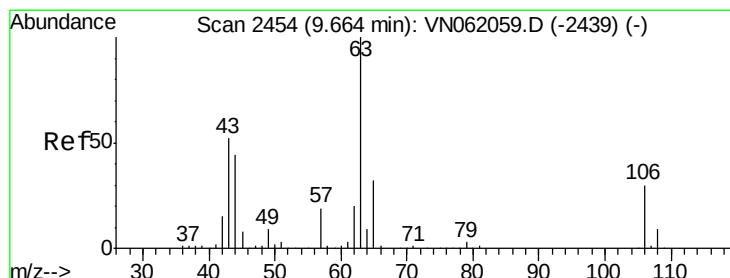
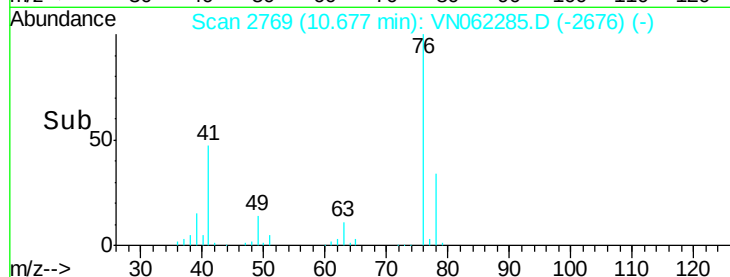
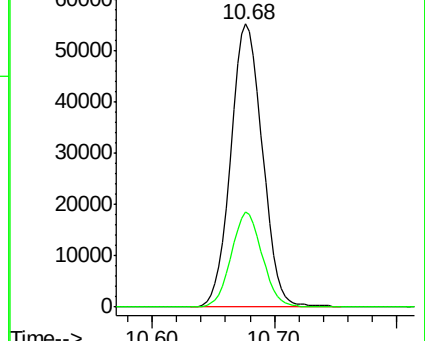
MMDadoda

7/2/2020 12:38:44 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 95.817 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062285.D

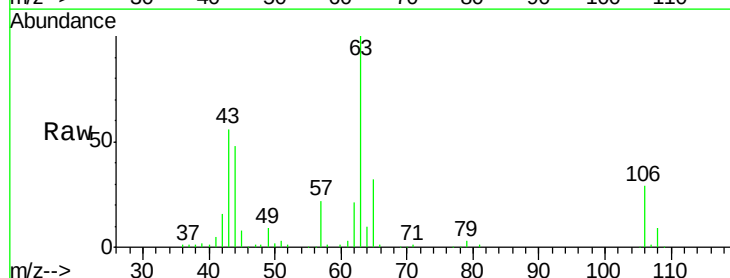
Acq: 1 Jul 2020 12:19

Tgt Ion: 63 Resp: 135860

Ion Ratio Lower Upper

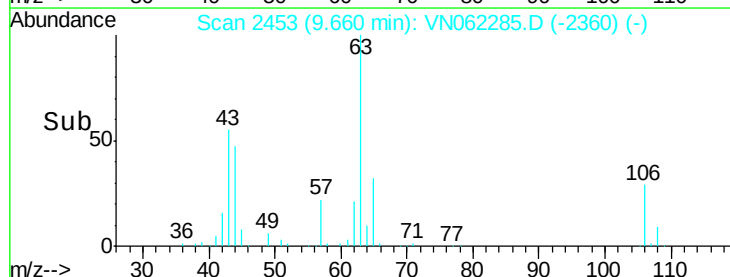
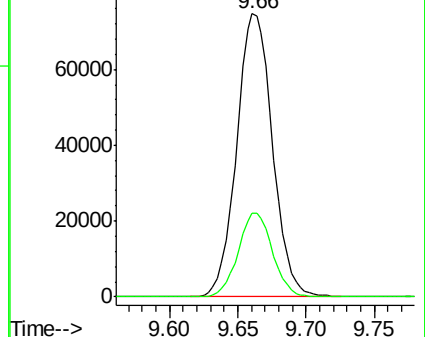
63 100

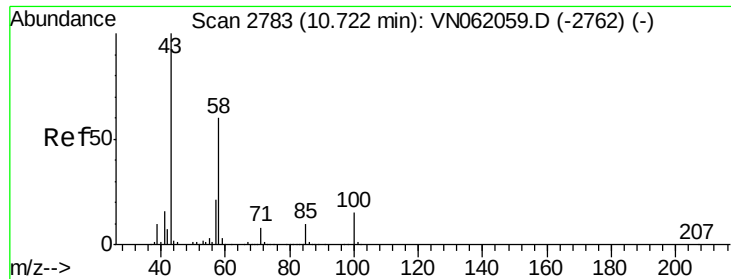
106 28.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





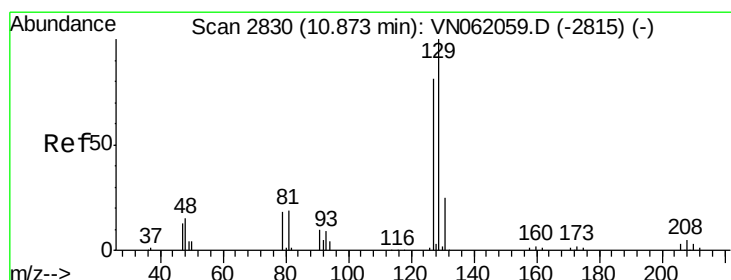
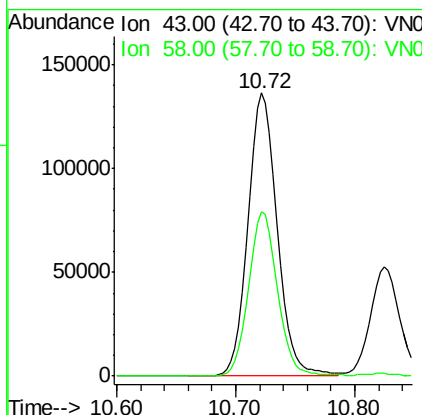
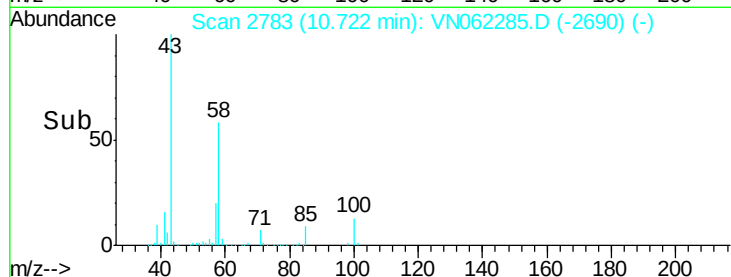
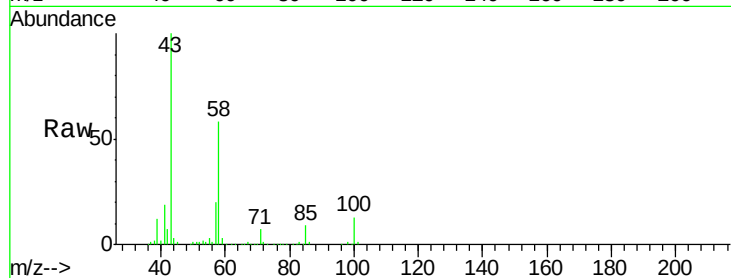
#59
2-Hexanone
Concen: 106.241 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	43	Resp	232267
Ion Ratio	100	Lower	Upper
43	100		
58	57.4	29.5	88.5

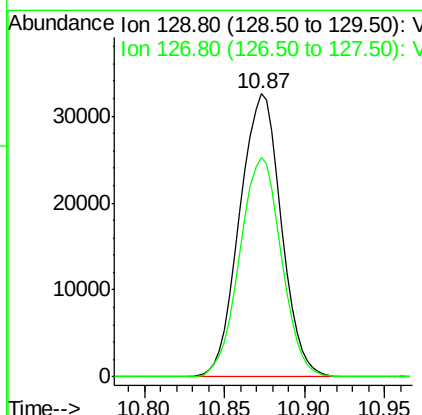
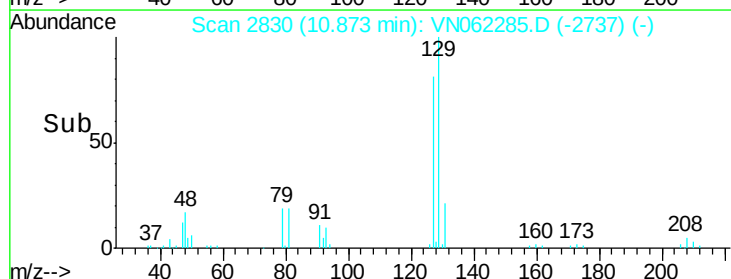
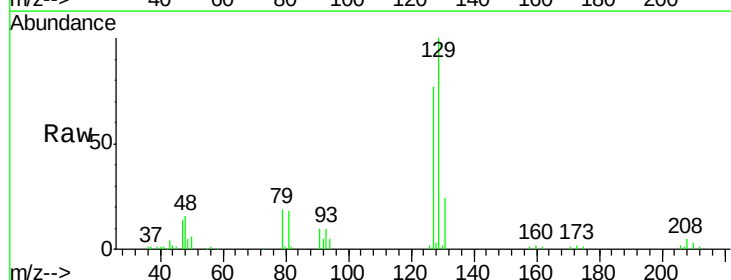
Manual Integrations
APPROVED

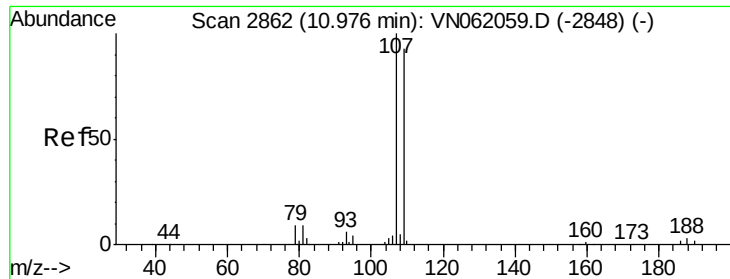
MMDadoda
7/2/2020 12:38:44 PM



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	129	Resp	57922
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	39.5	118.5





#61

1,2-Dibromoethane

Concen: 19.744 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

Tot Ion:107 Resp: 56933

Ion Ratio Lower Upper

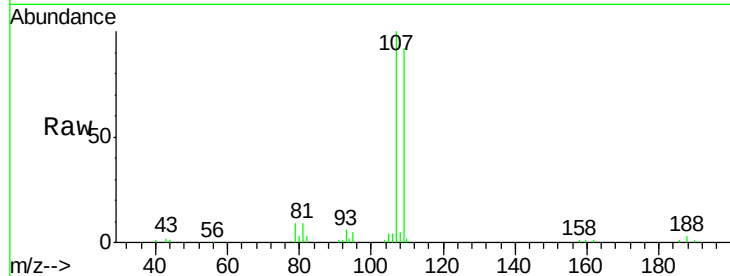
107 100

109 92.3 75.0 112.6

Manual Integrations
APPROVED

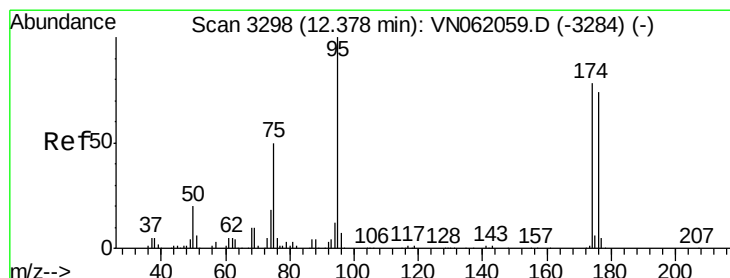
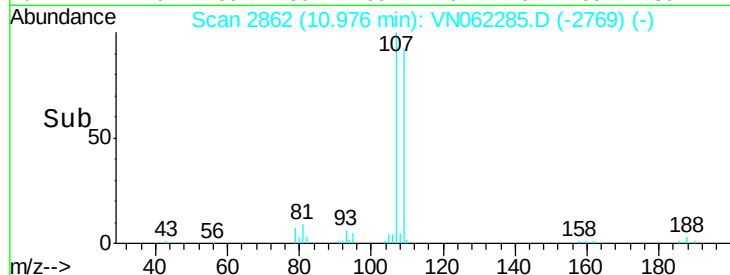
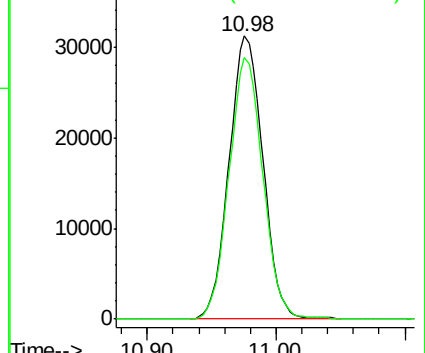
MMDadoda

7/2/2020 12:38:44 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.479 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

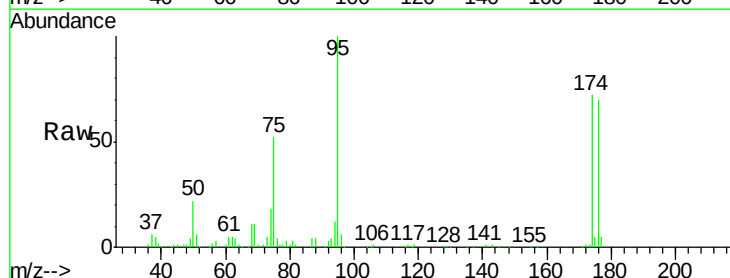
Tgt Ion: 95 Resp: 167038

Ion Ratio Lower Upper

95 100

174 72.7 0.0 154.8

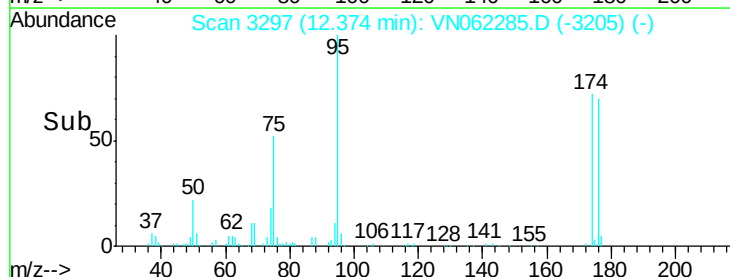
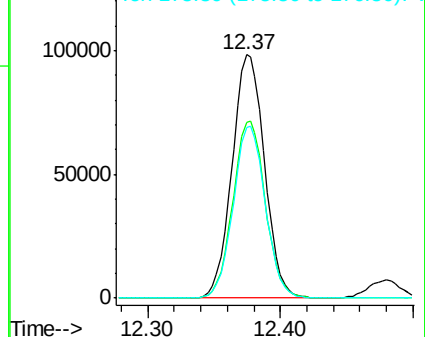
176 70.0 0.0 147.4

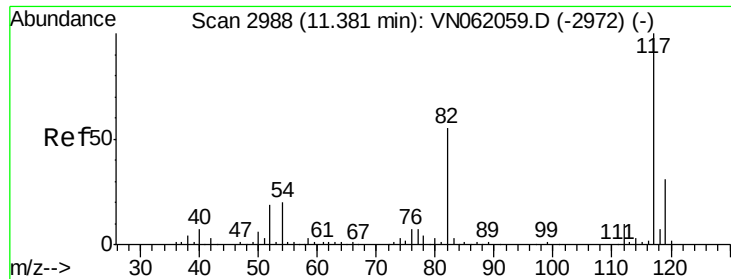


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





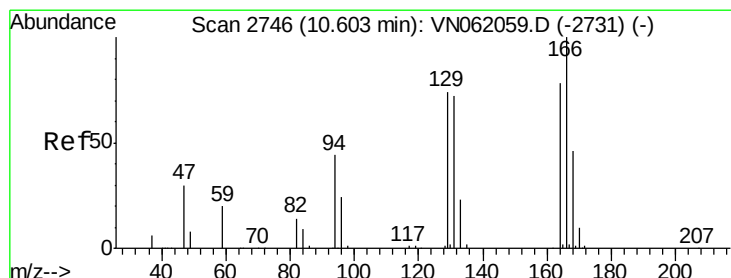
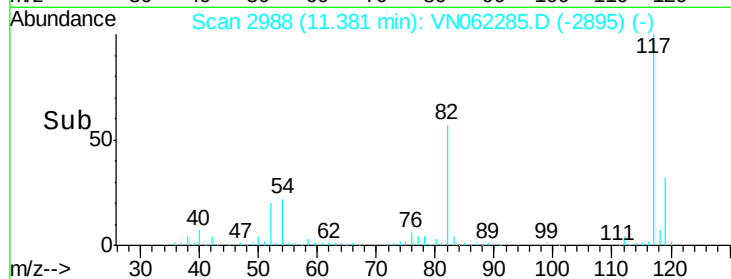
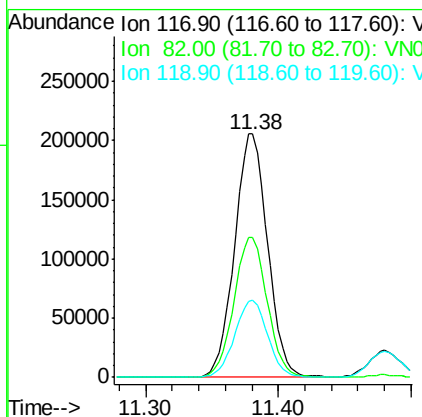
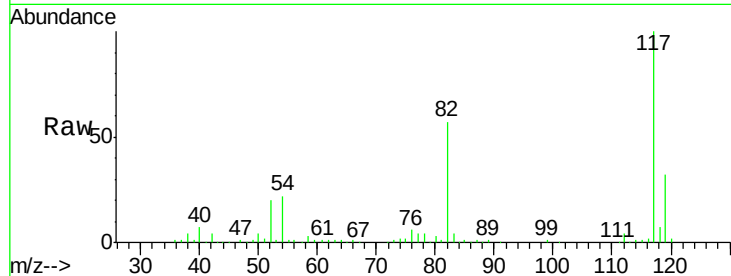
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.8	65.8
119	31.5	25.2	37.8

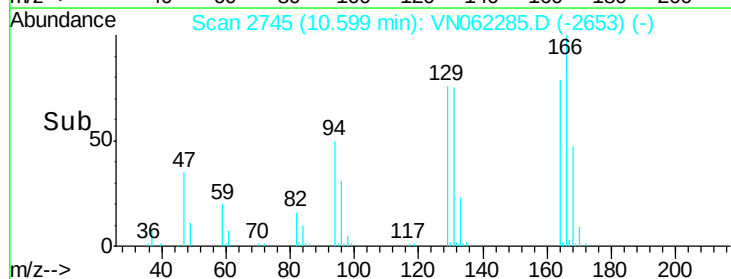
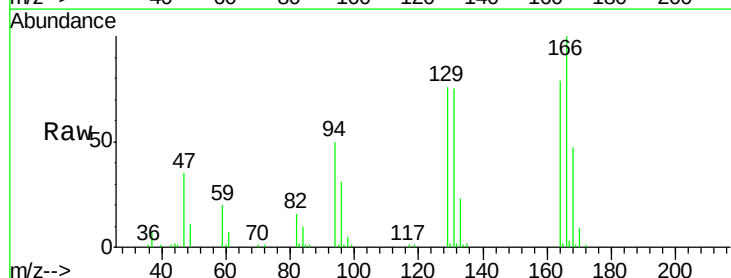
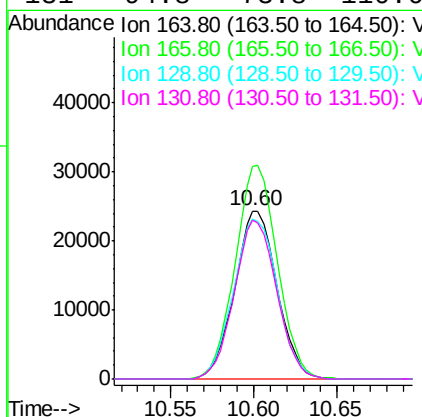
Manual Integrations
APPROVED

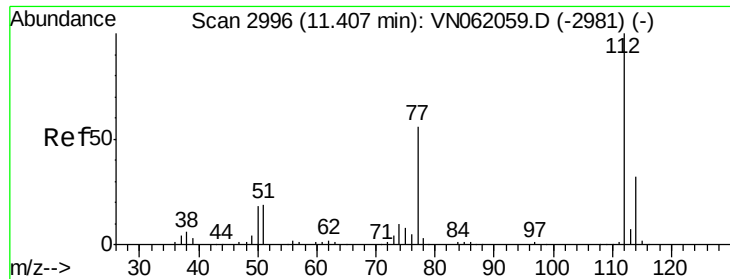
MMDadoda
7/2/2020 12:38:44 PM



#64
Tetrachloroethene
Concen: 17.831 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	95.4	75.8	113.8
131	94.8	73.8	110.6





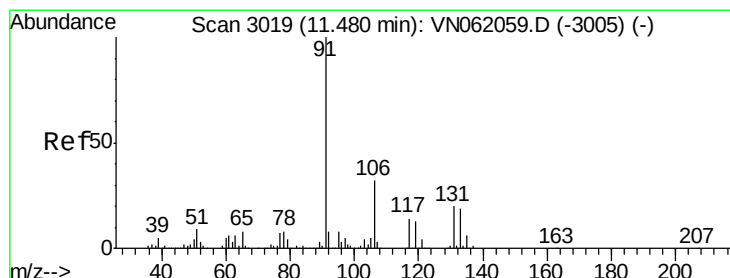
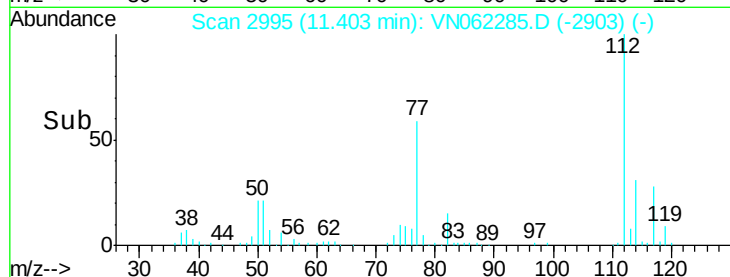
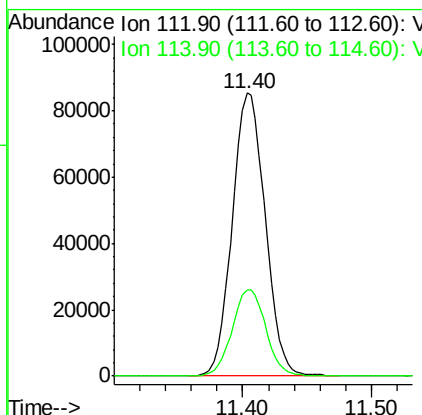
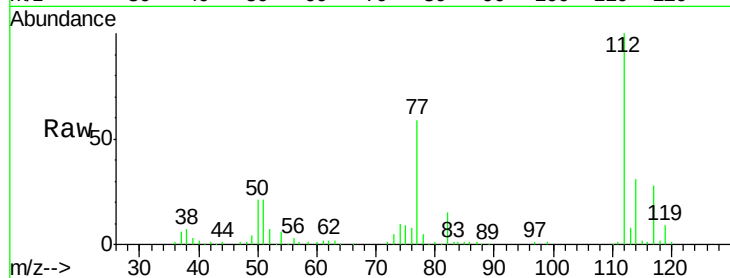
#65
Chlorobenzene
Concen: 19.436 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion:112 Resp: 151528
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8

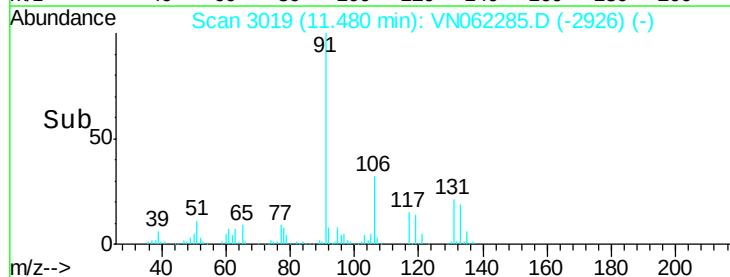
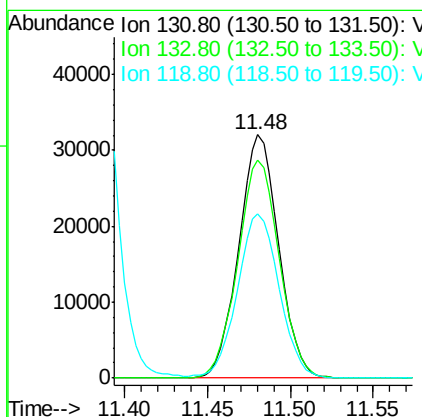
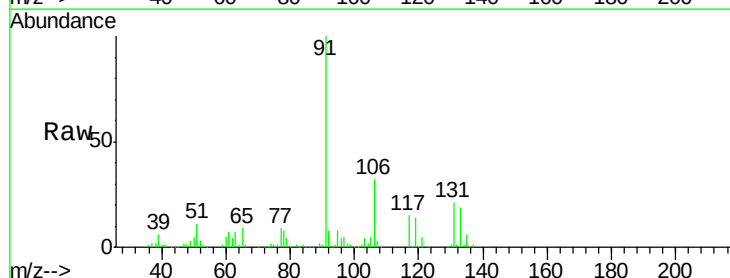
Manual Integrations
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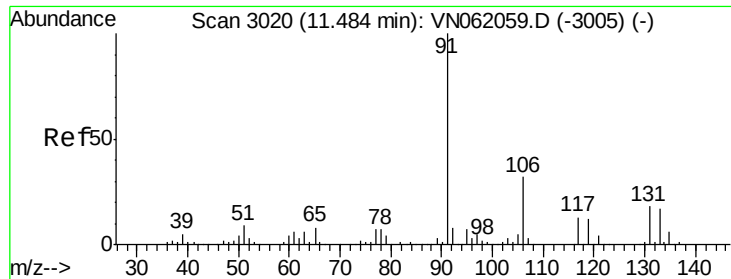
MMDadoda
7/2/2020 12:38:44 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.854 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion:131 Resp: 53525
Ion Ratio Lower Upper
131 100
133 93.4 47.6 142.9
119 70.6 34.4 103.3





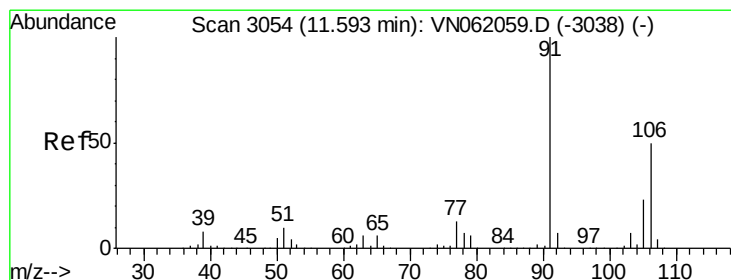
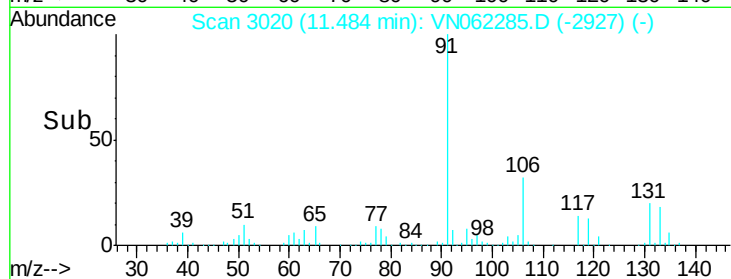
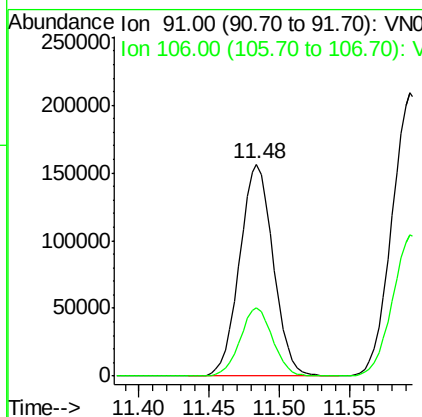
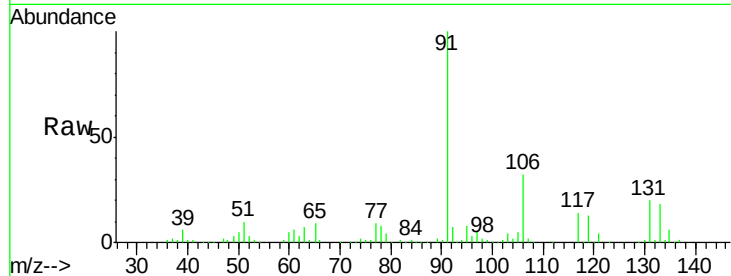
#67
Ethyl Benzene
Concen: 19.874 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion: 91 Resp: 261687
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9

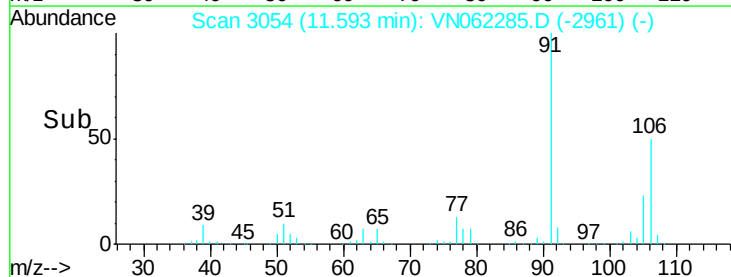
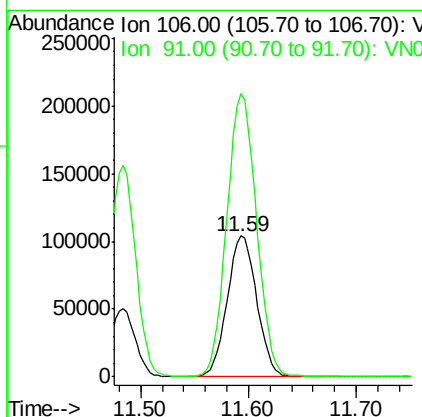
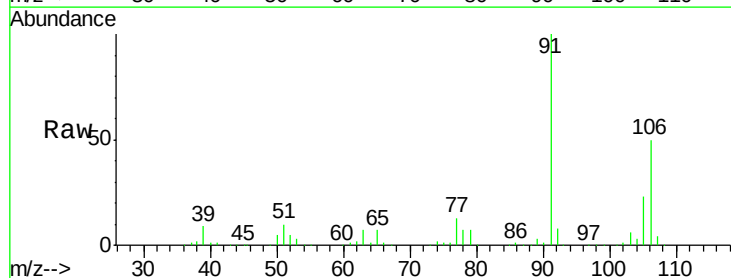
Manual Integrations
APPROVED

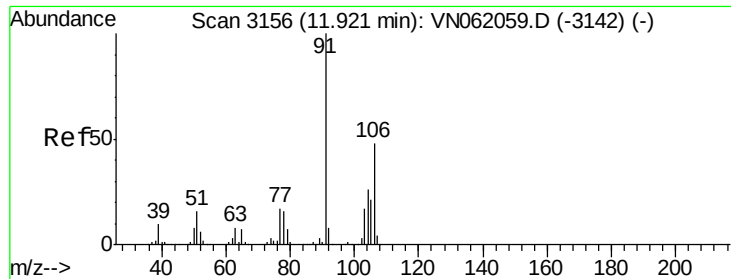
MMDadoda
7/2/2020 12:38:44 PM



#68
m/p-Xylenes
Concen: 38.882 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 106 Resp: 198021
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8





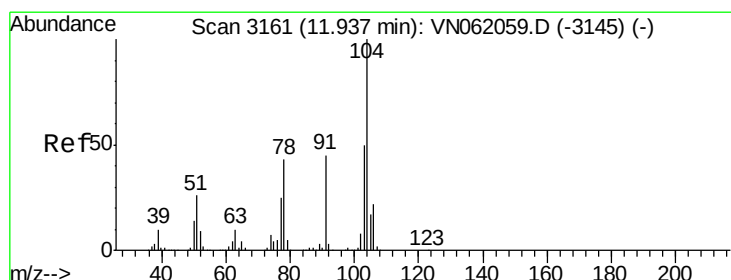
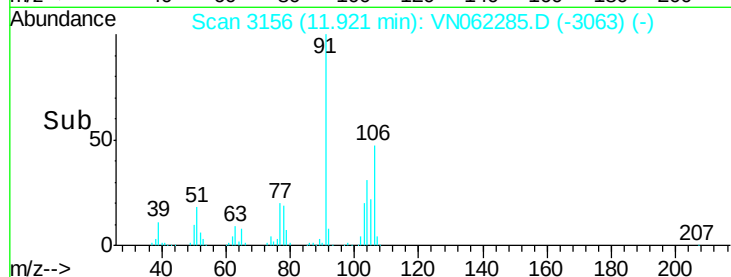
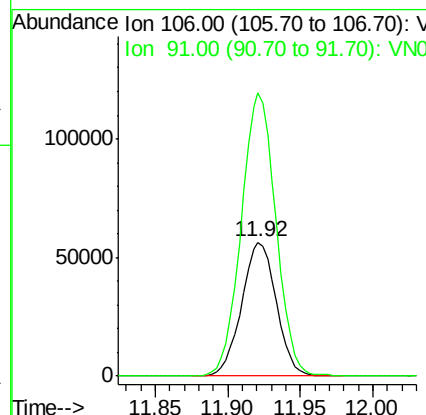
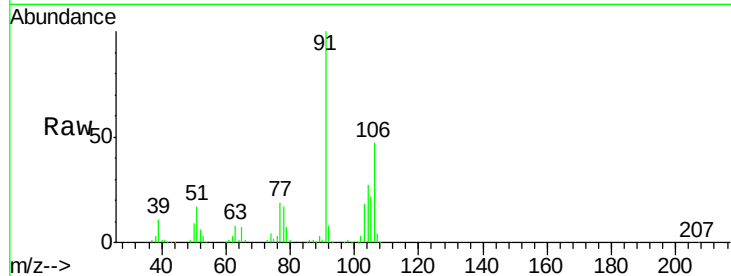
#69
o-Xylene
Concen: 19.446 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.6	104.0	311.9	

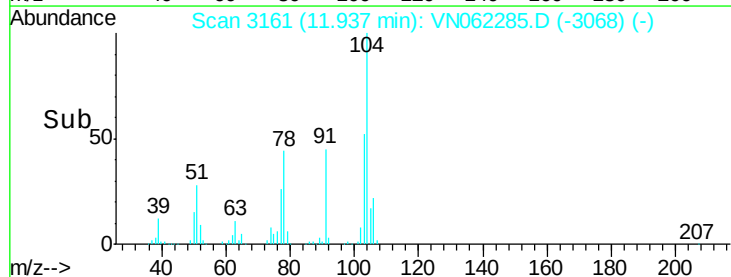
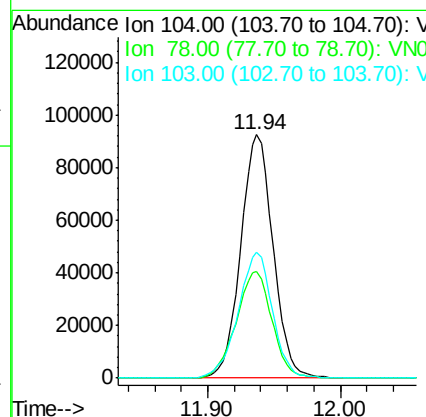
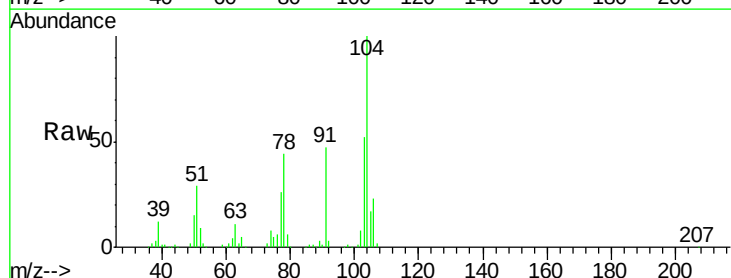
Manual Integrations
APPROVED

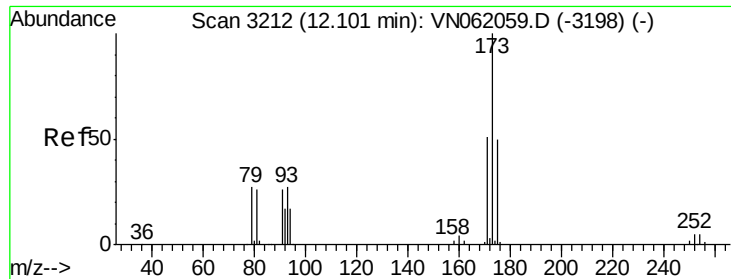
MMDadoda
7/2/2020 12:38:44 PM



#70
Styrene
Concen: 19.571 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.4	37.7	56.5	
103	54.9	43.0	64.6	





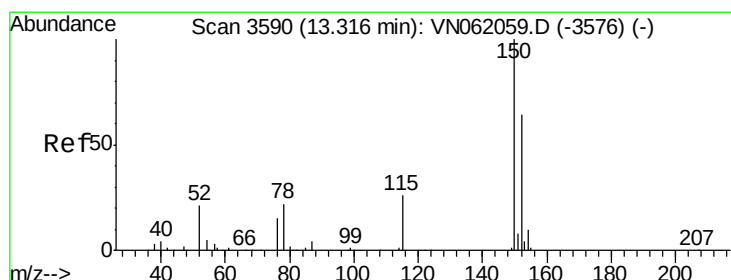
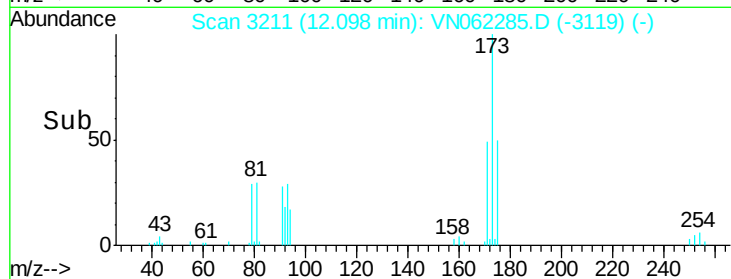
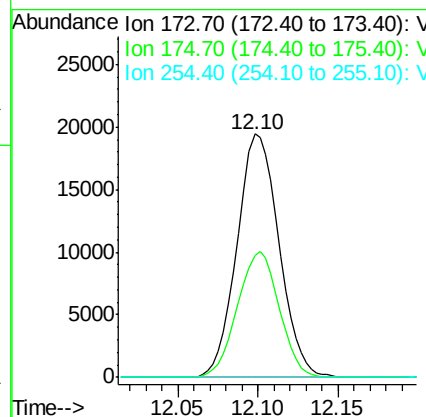
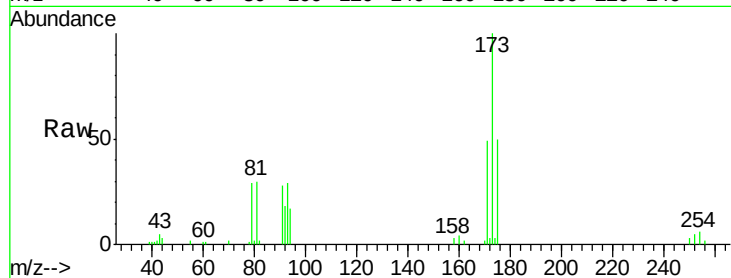
#71
Bromoform
Concen: 18.165 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.7	74.1
254	0.0	0.0	0.0

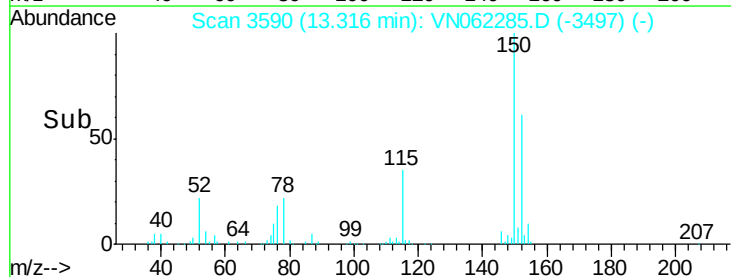
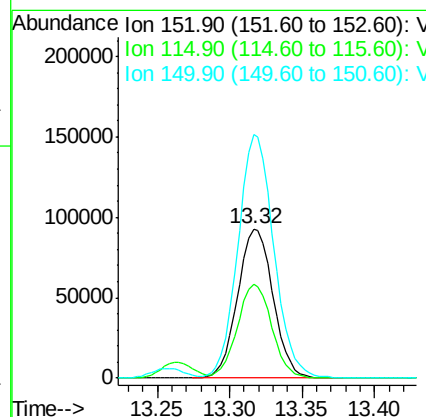
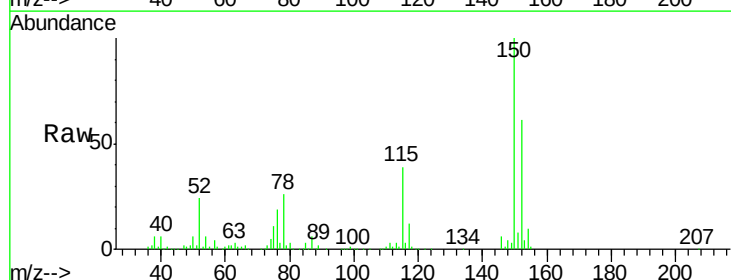
Manual Integrations
APPROVED

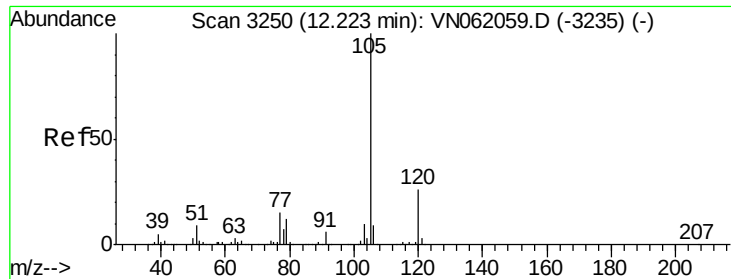
MMDadoda
7/2/2020 12:38:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.5	88.5
150	165.1	0.0	351.4





#73

Isopropylbenzene

Concen: 20.320 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion:105 Resp: 247518

Ion Ratio Lower Upper

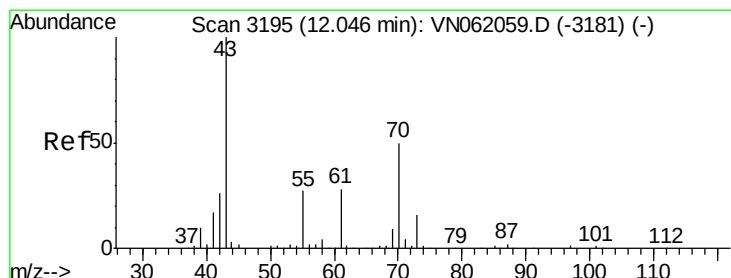
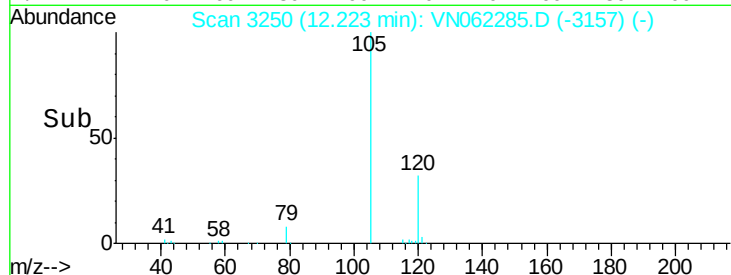
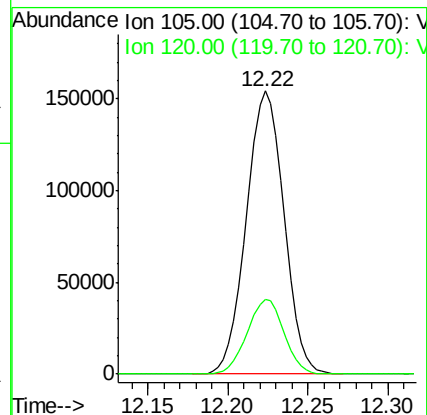
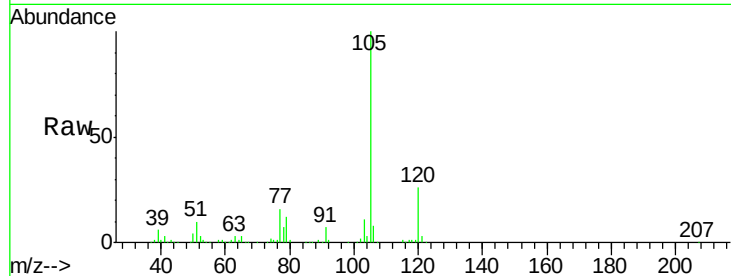
105 100

120 26.0 13.2 39.6

Manual Integrations
APPROVED

MMDadoda

7/2/2020 12:38:44 PM



#74

N-ethyl acetate

Concen: 21.724 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion: 43 Resp: 88325

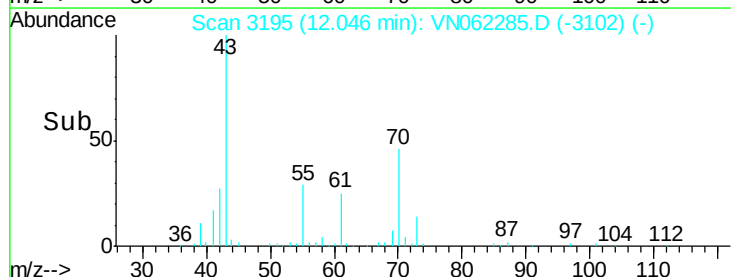
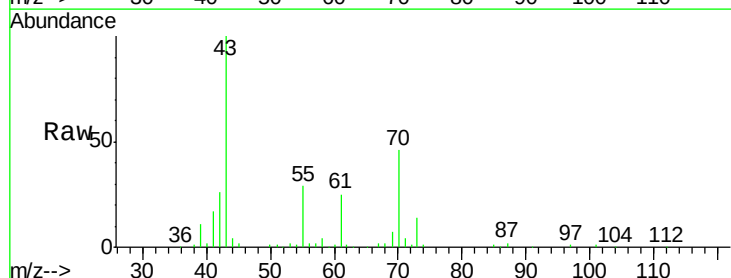
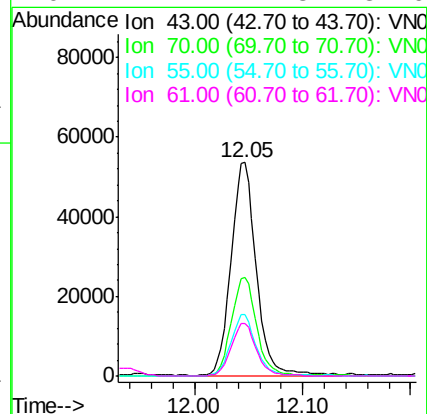
Ion Ratio Lower Upper

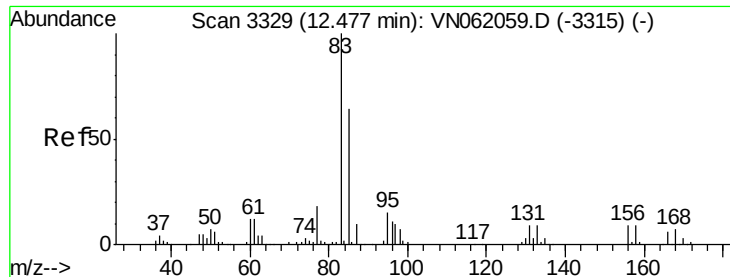
43 100

70 45.8 39.4 59.2

55 27.9 21.7 32.5

61 24.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.659 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

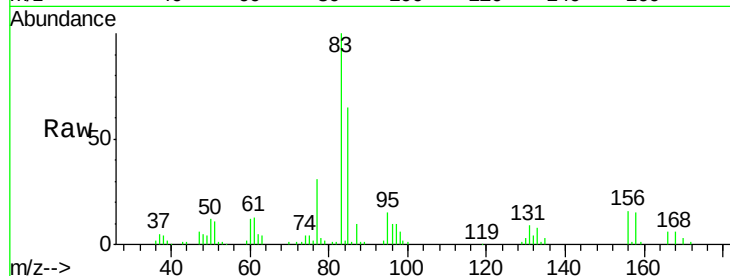
ClientSampled :

VN0701WBS01

Tot Ion:	83	Resp:	83740
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	65.6	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:38:44 PM



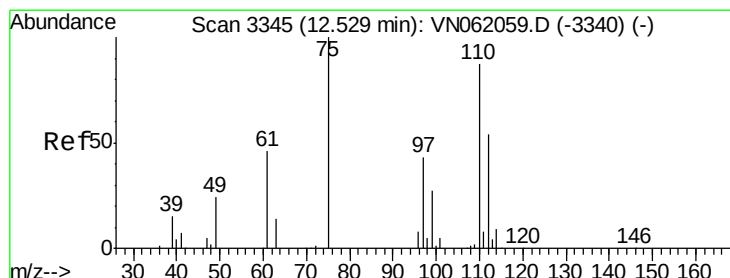
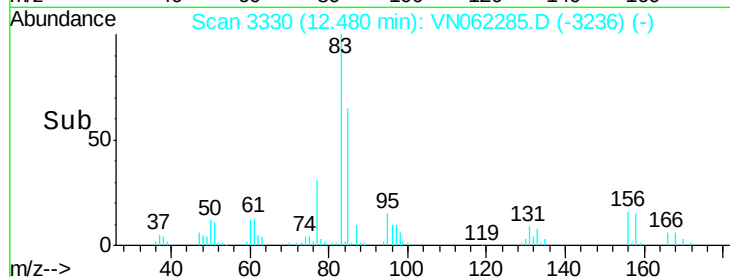
Abundance Ion 82.90 (82.60 to 83.60): VN062285.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062285.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062285.D (-3330) (-)

Time-->

12.48



#76

1,2,3-Trichloropropane

Concen: 20.021 ug/l m

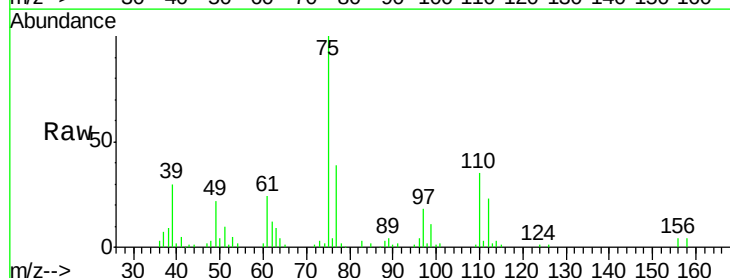
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	75	Resp:	74164
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

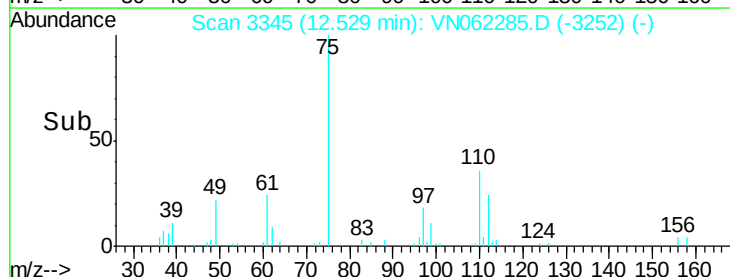


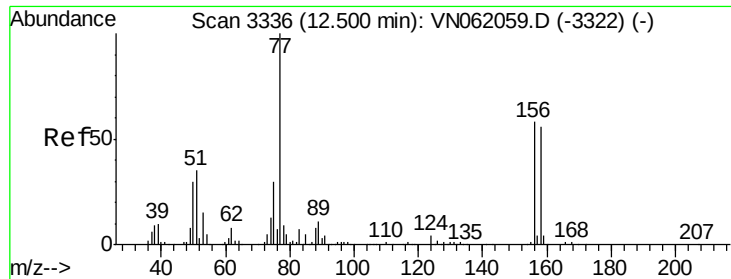
Abundance Ion 74.90 (74.60 to 75.60): VN062285.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062285.D (-3345) (-)

Time-->

12.53





#77

Bromobenzene

Concen: 19.553 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

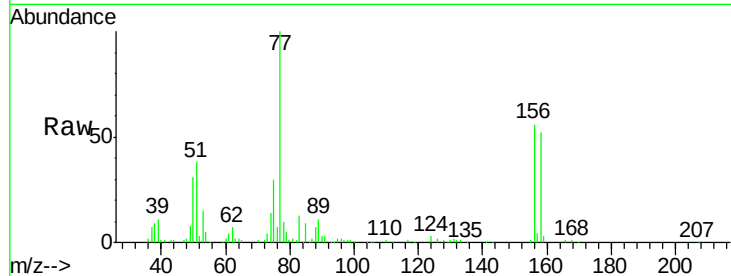
ClientSampled :

VN0701WBS01

Tot Ion:	156	Resp:	59130
Ion	Ratio	Lower	Upper
156	100		
77	223.2	104.6	313.8
158	94.7	48.0	144.0

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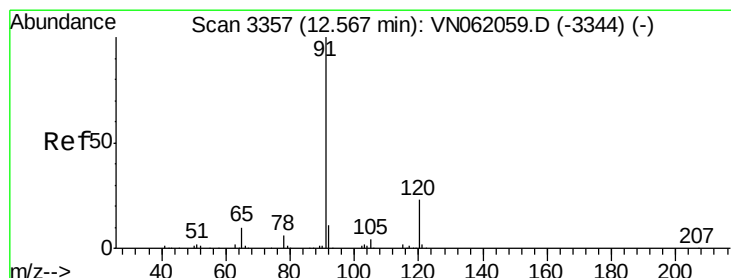
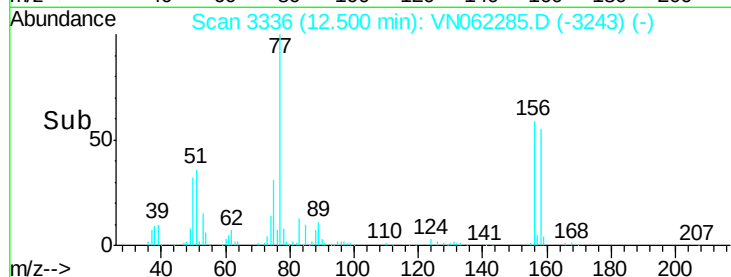
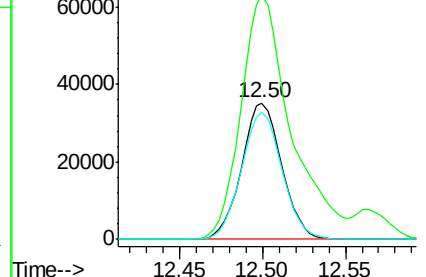
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.918 ug/l

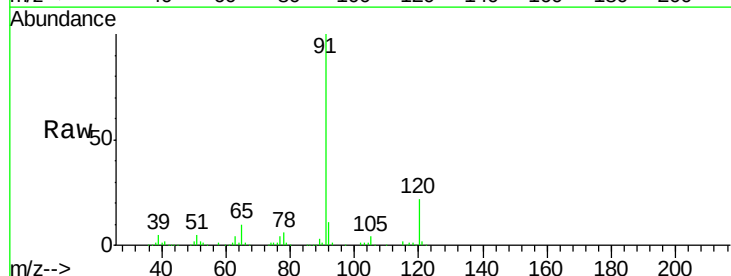
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062285.D

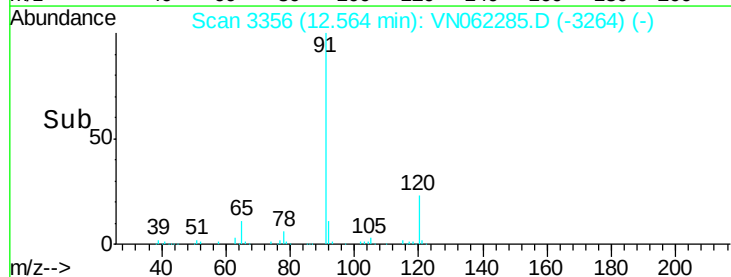
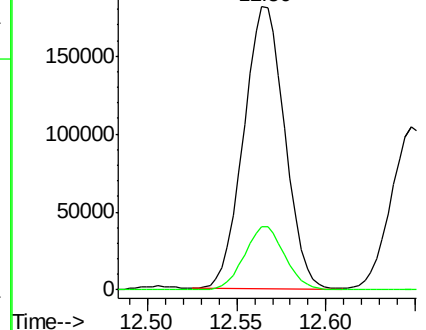
Acq: 1 Jul 2020 12:19

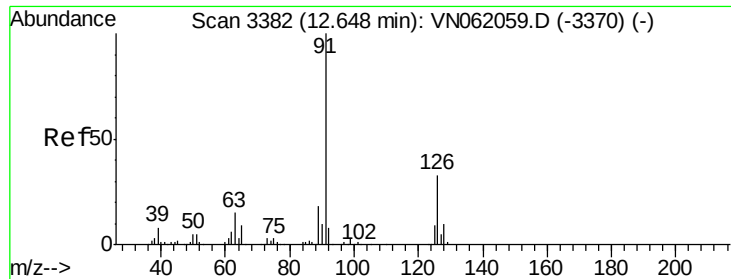
Tgt Ion:	91	Resp:	291451
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





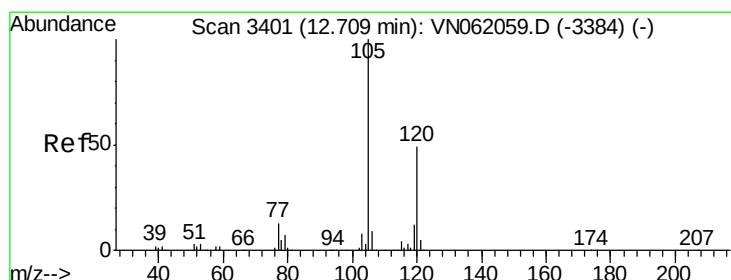
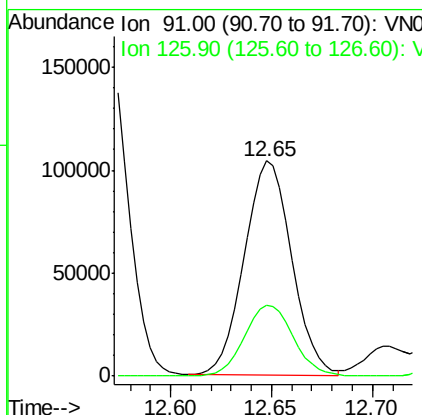
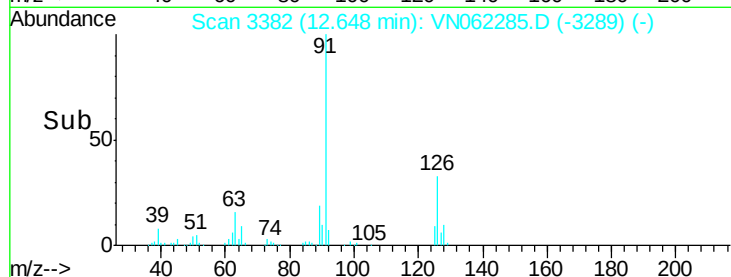
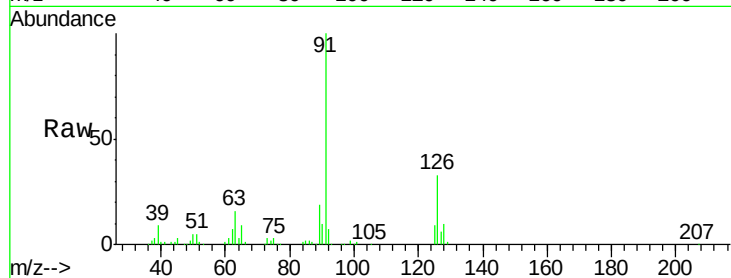
#79
 2-Chlorotoluene
 Concen: 20.333 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion: 91 Resp: 171266
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.9 50.7

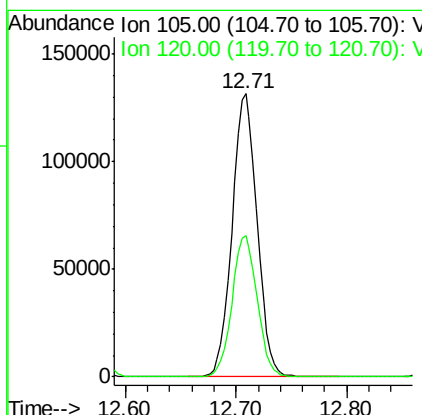
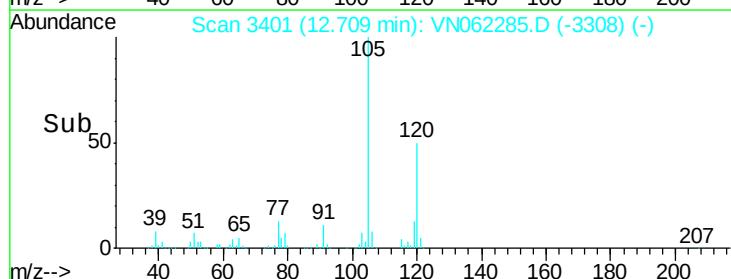
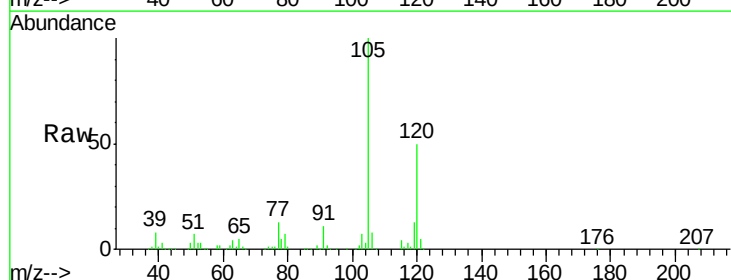
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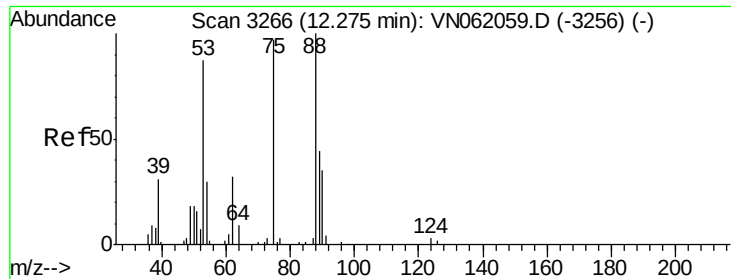
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.938 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 105 Resp: 206753
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.663 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

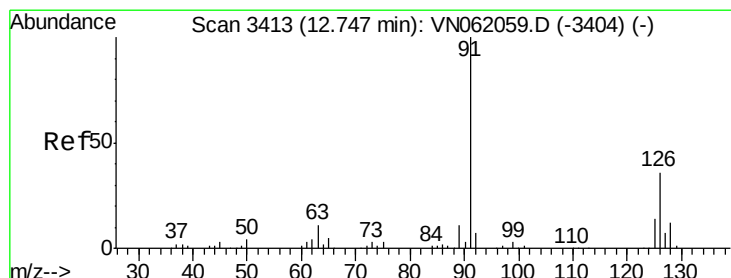
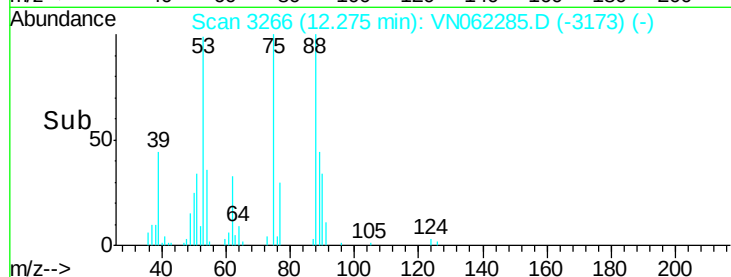
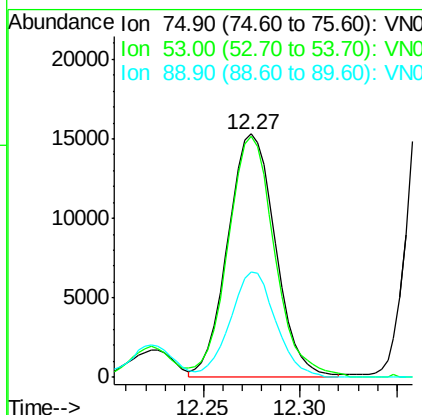
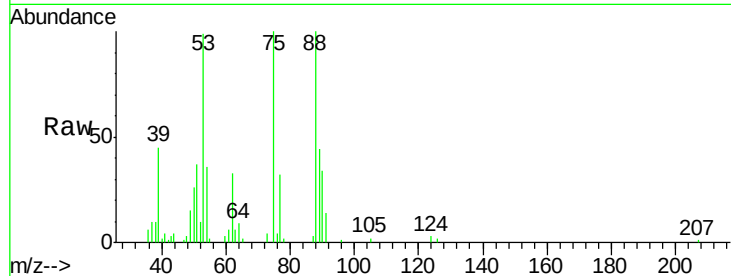
ClientSampleId :

VN0701WBS01

Tot Ion:	75	Resp:	26210
Ion	Ratio	Lower	Upper
75	100		
53	96.9	72.0	108.0
89	41.4	36.9	55.3

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#82

4-Chlorotoluene

Concen: 20.784 ug/l

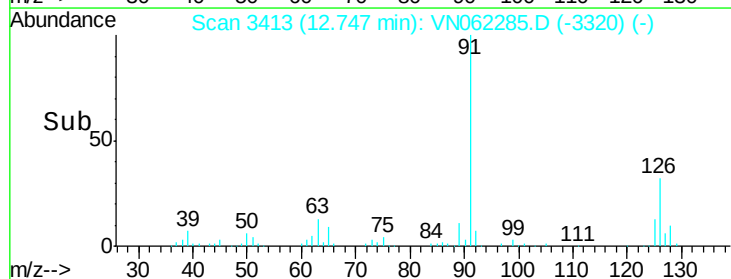
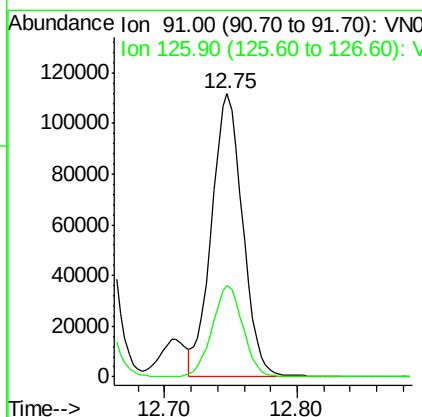
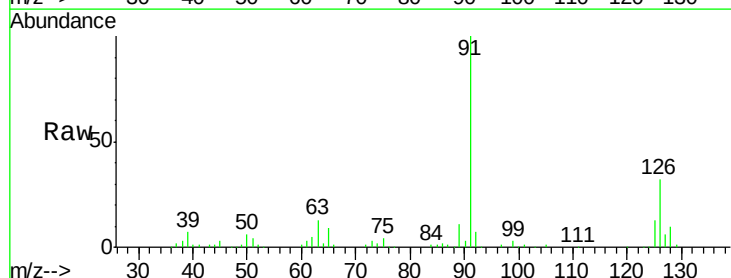
RT: 12.75 min Scan# 3413

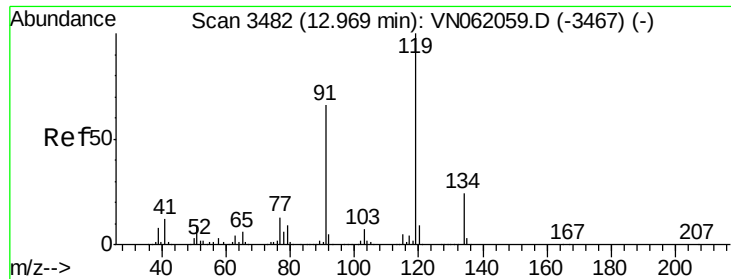
Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion:	91	Resp:	181041
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.7	50.1





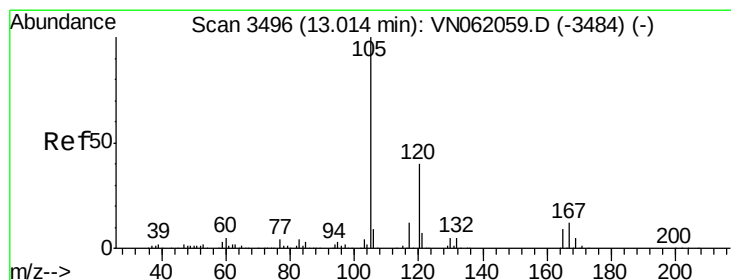
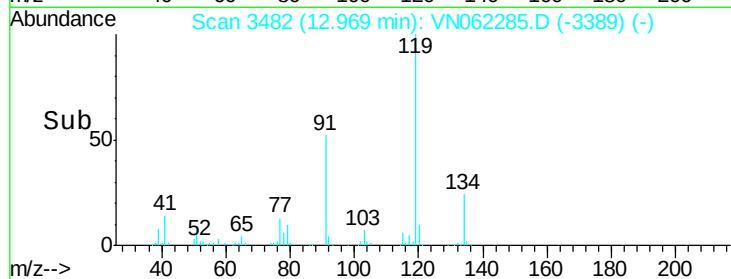
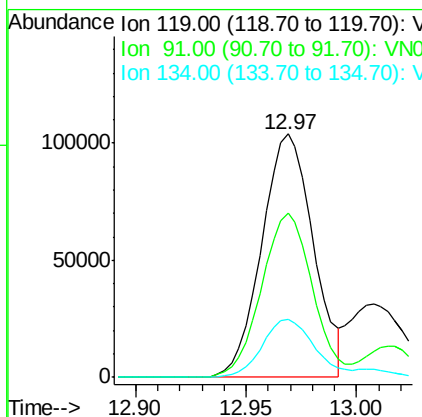
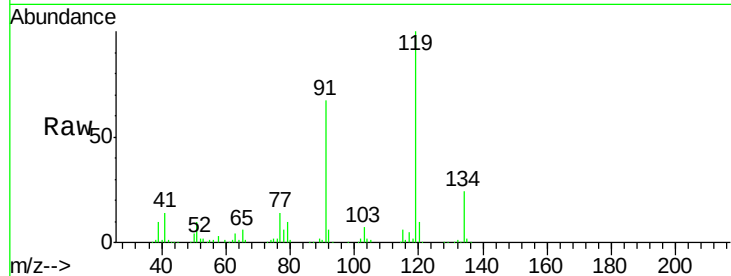
#83
 tert-Butylbenzene
 Concen: 19.933 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	31.7	95.1
134	24.1	13.1	39.1

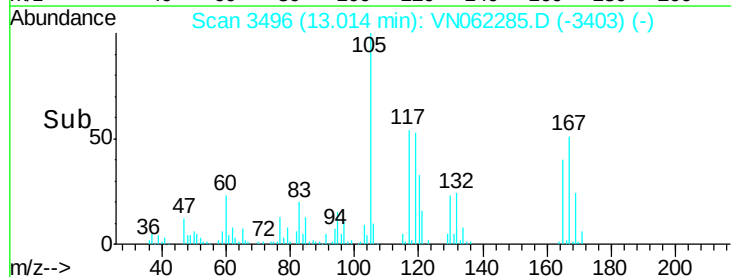
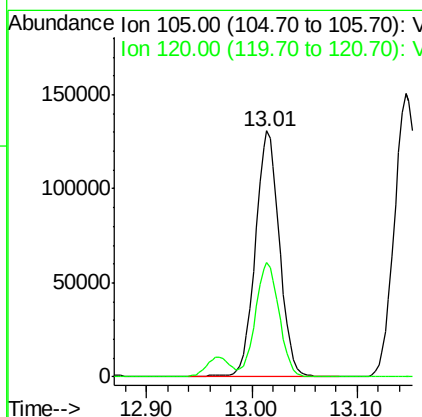
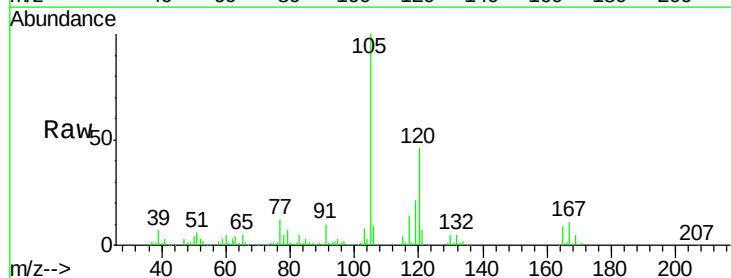
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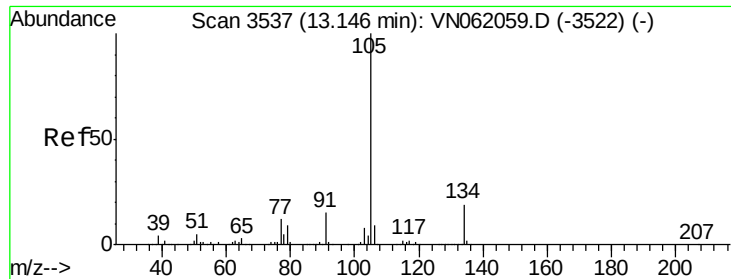
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.164 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.2	69.5





#85

sec-Butylbenzene

Concen: 21.388 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

Tot Ion:105 Resp: 238825

Ion Ratio Lower Upper

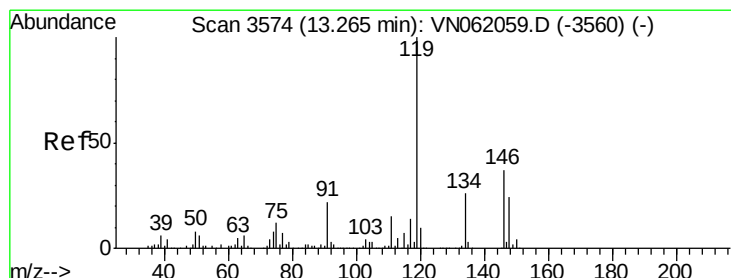
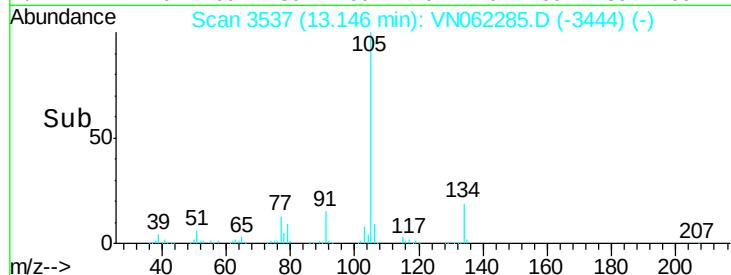
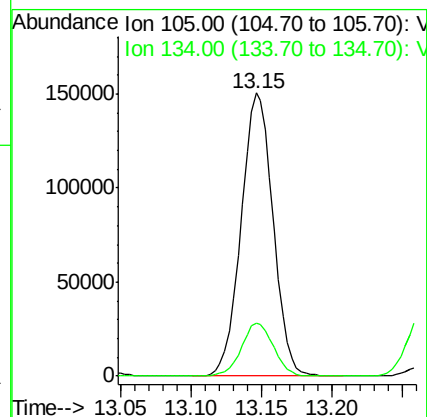
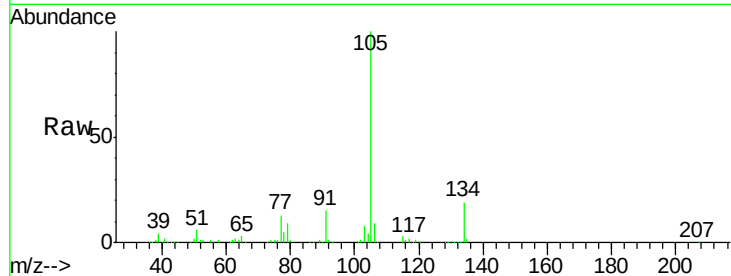
105 100

134 18.9 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.173 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

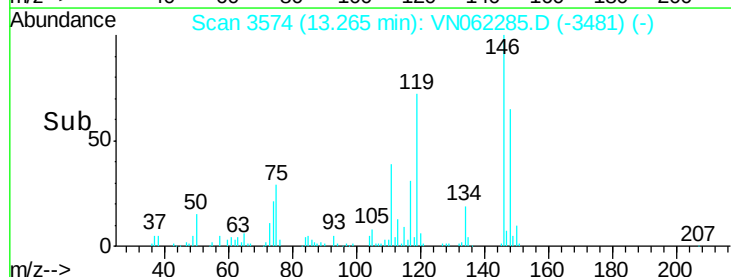
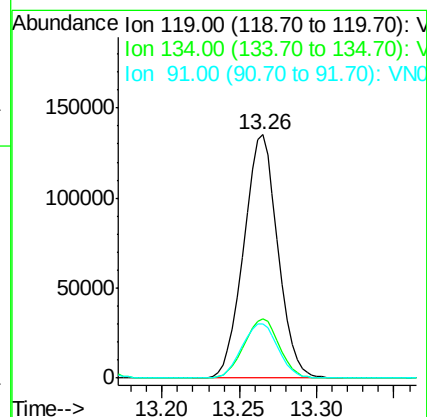
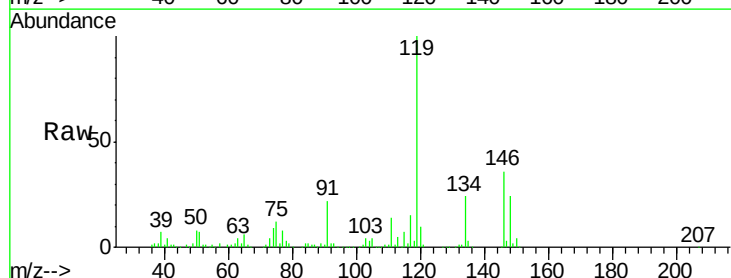
Tgt Ion:119 Resp: 207136

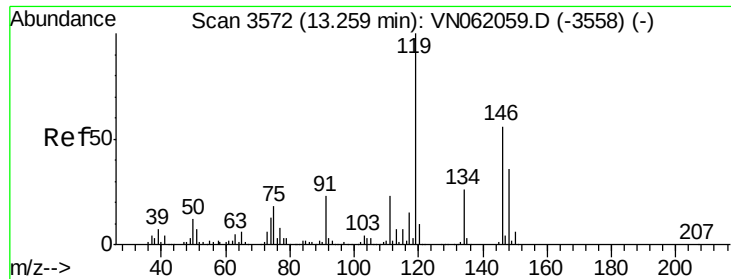
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 23.7 11.3 33.8





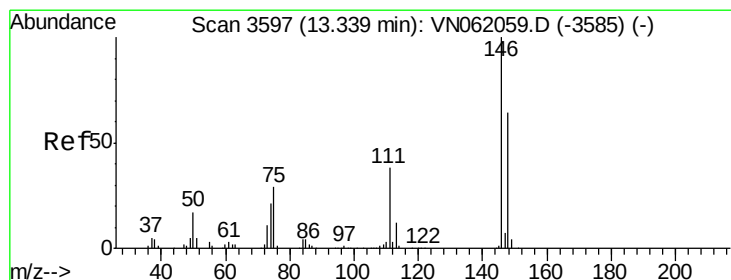
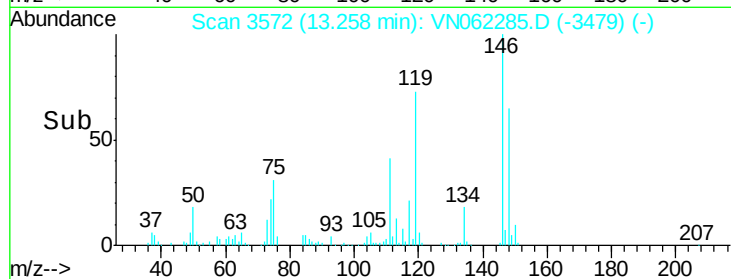
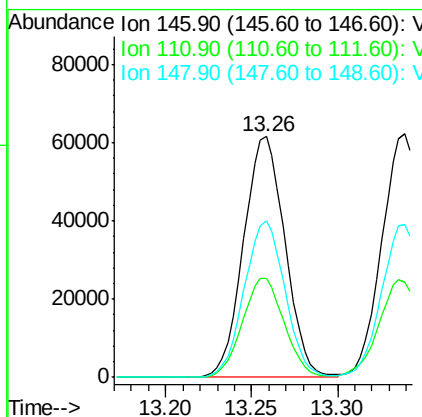
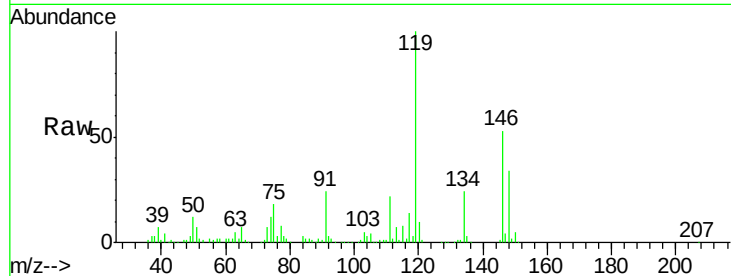
#87
 1,3-Dichlorobenzene
 Concen: 19.426 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.0	31.8	95.3

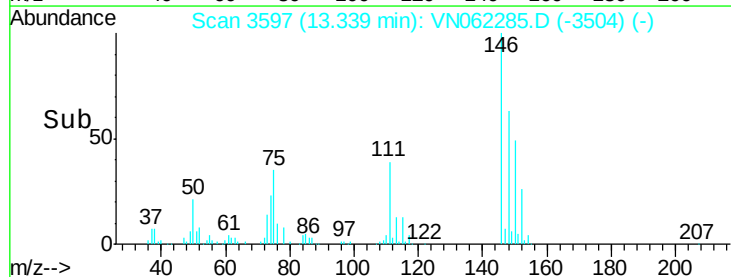
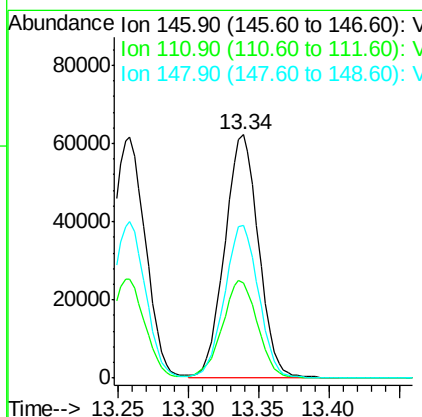
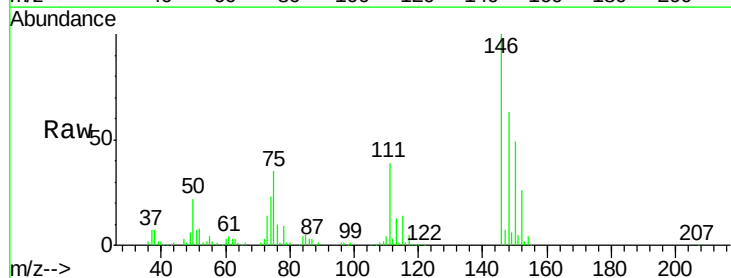
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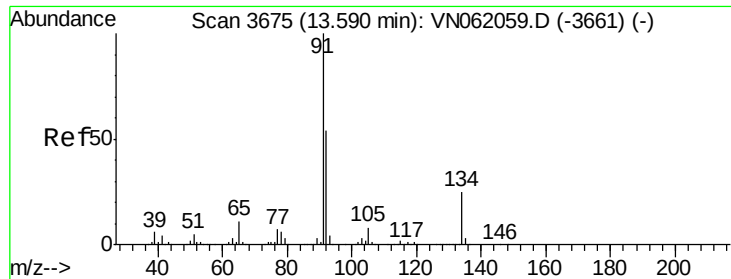
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#88
 1,4-Dichlorobenzene
 Concen: 18.944 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.9	59.6
148	63.9	31.9	95.9





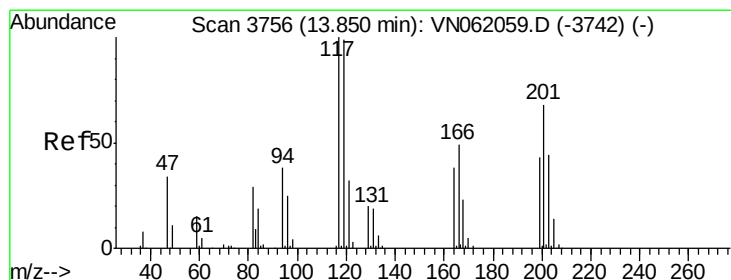
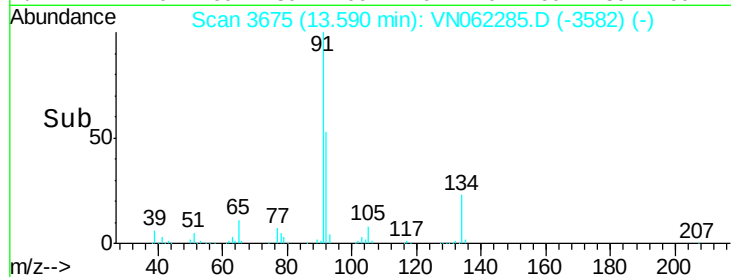
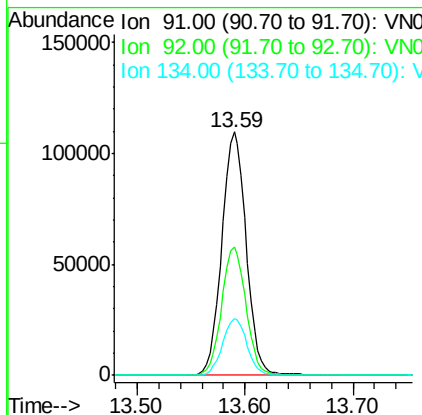
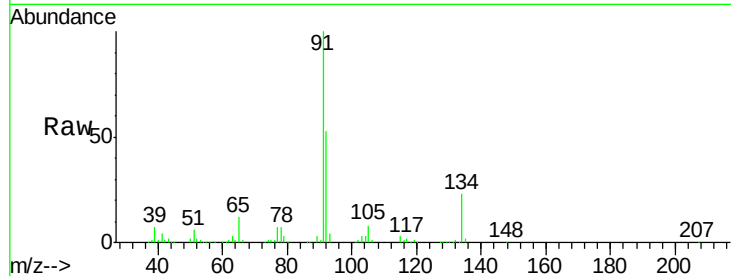
#89
n-Butylbenzene
Concen: 21.234 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	23.4	12.3	36.9

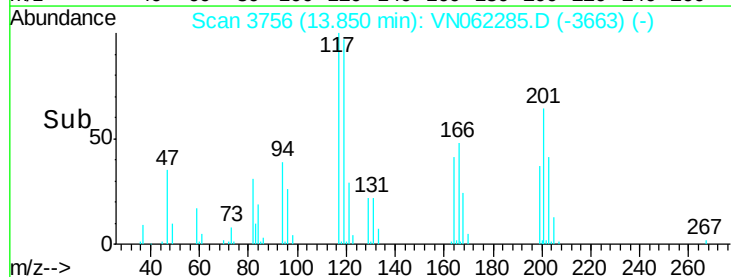
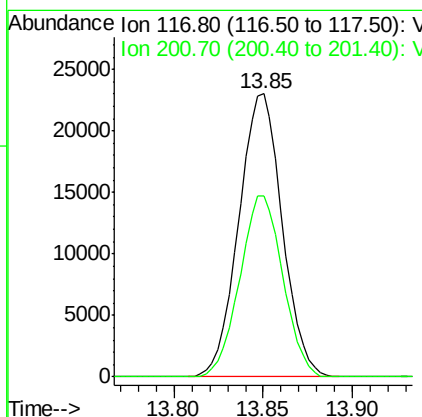
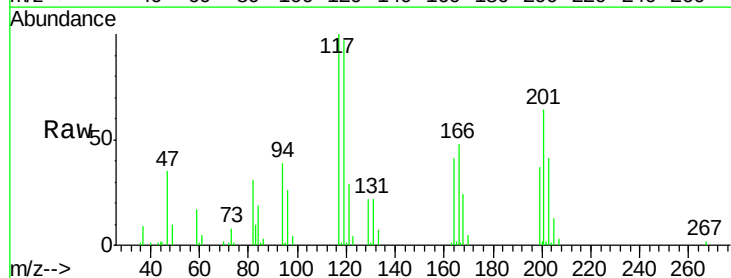
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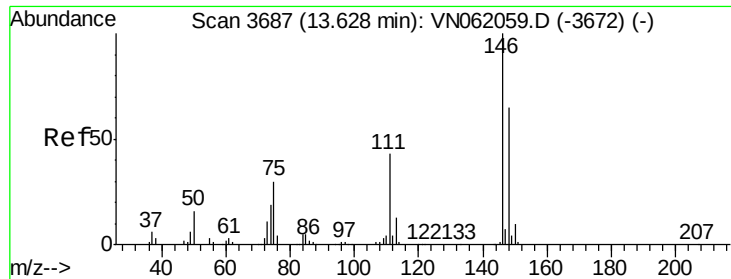
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#90
Hexachloroethane
Concen: 20.343 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.3	32.7	98.1





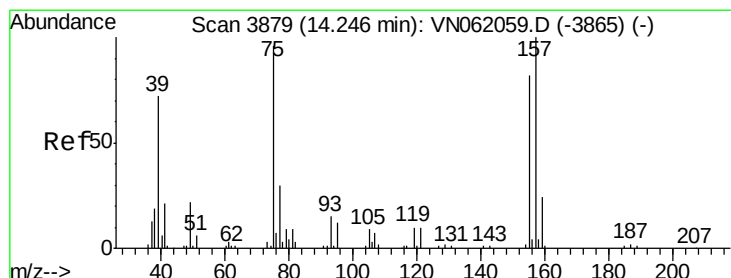
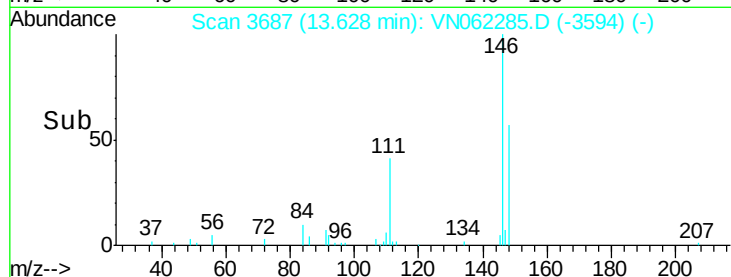
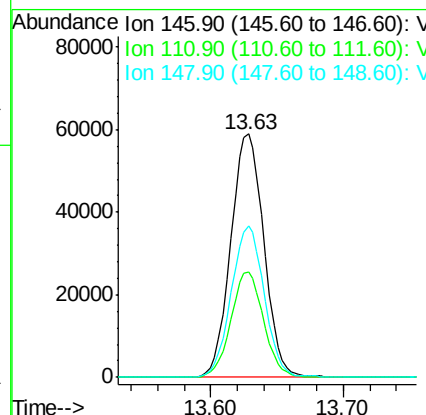
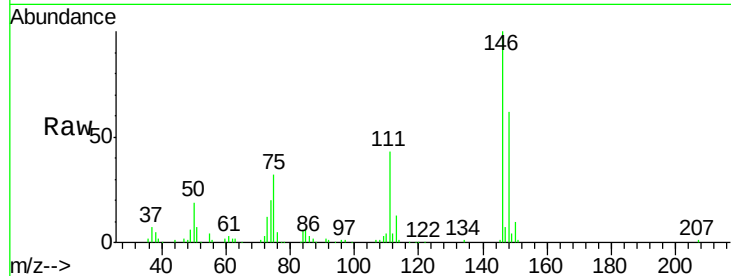
#91
 1,2-Dichlorobenzene
 Concen: 19.876 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	61.6	31.9	95.5

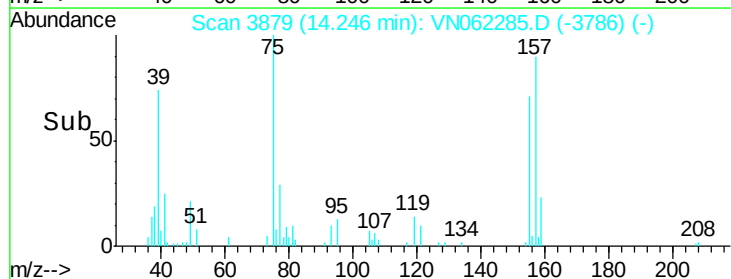
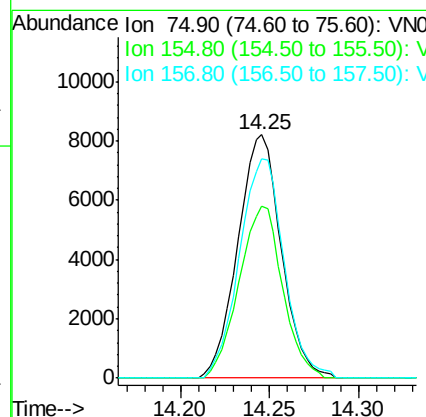
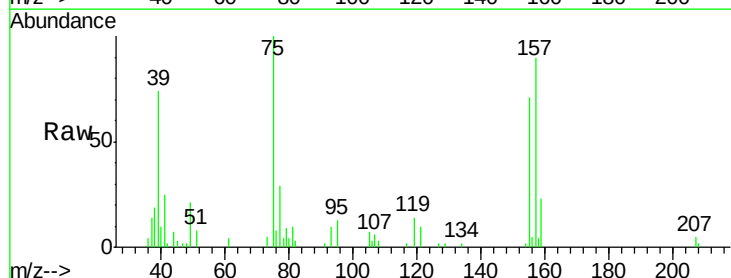
Manual Integrations
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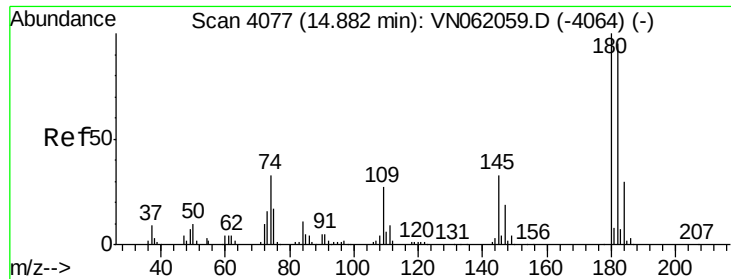
MMDadoda
 7/2/2020 12:38:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.545 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	40.8	122.4
157	92.4	51.4	154.3





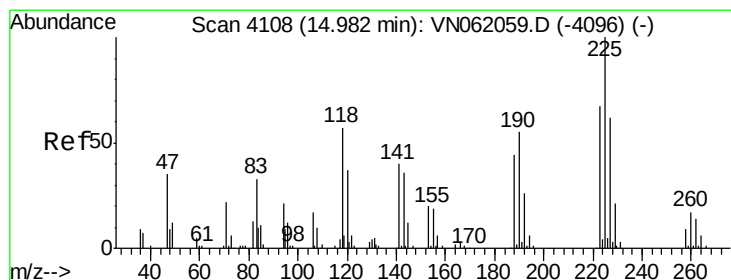
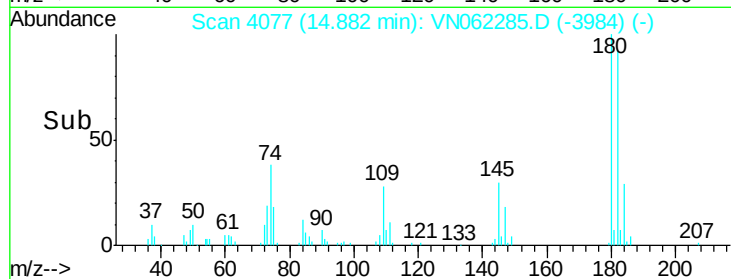
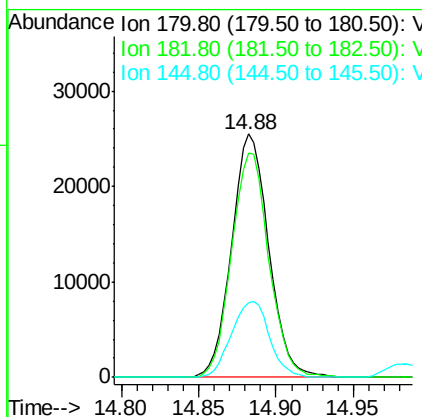
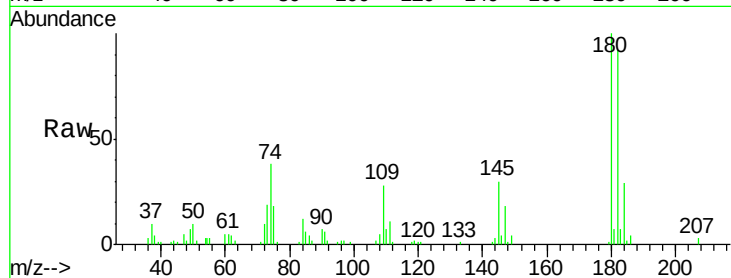
#93
 1,2,4-Trichlorobenzene
 Concen: 18.845 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.0	144.2
145	31.9	16.0	48.0

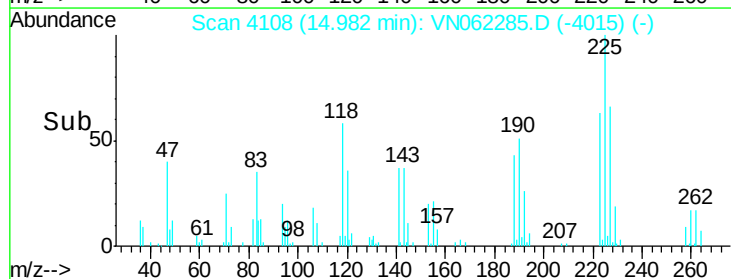
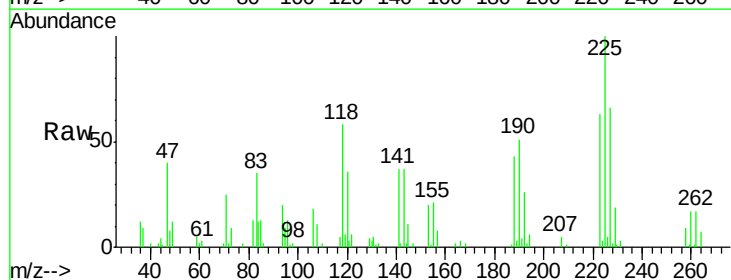
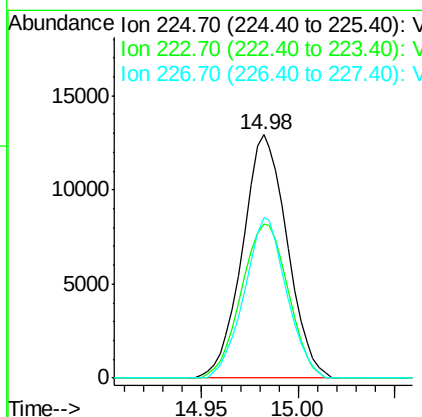
Manual Integrations
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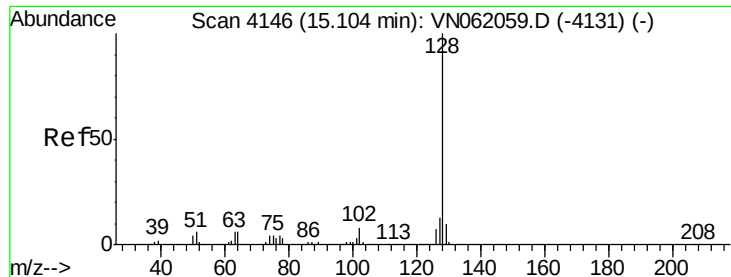
MMDadoda
 7/2/2020 12:38:44 PM



#94
 Hexachlorobutadiene
 Concen: 21.316 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.9	98.7
227	62.1	31.3	93.8





#95

Naphthalene

Concen: 17.718 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

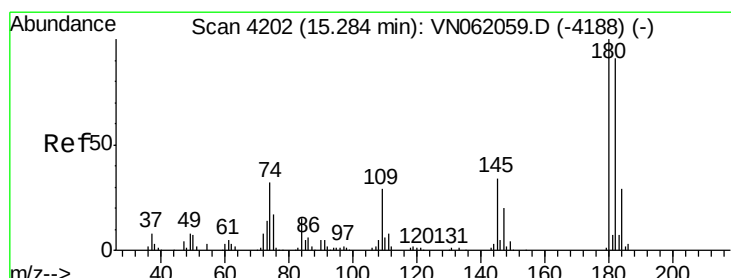
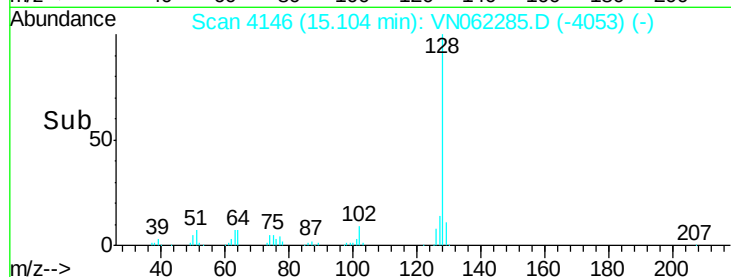
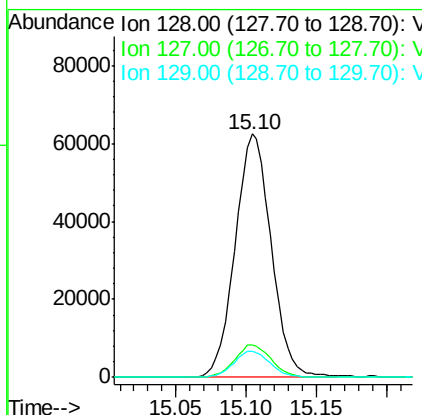
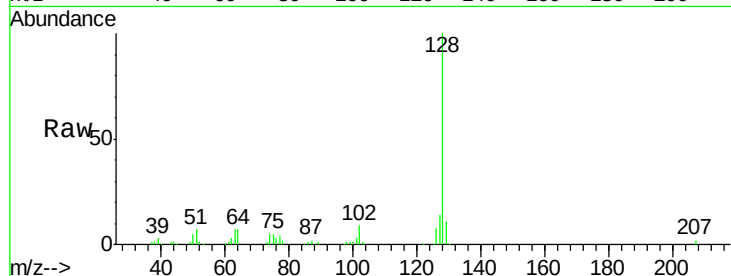
ClientSampleId :

VN0701WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		111866		
127	13.5		10.5	15.7	
129	10.7		8.6	13.0	

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 18.908 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		43493		
182	94.4		46.8	140.4	
145	34.4		16.4	49.2	

