

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062703.D
 Acq On : 31 Jul 2020 23:09
 Operator : JC/MD
 Sample : VN0731WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:19 PM

Quant Time: Aug 01 06:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124811	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	82445	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.06	98	316184	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.38	95	116926	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33294	18.150	ug/l	98
3) Chloromethane	2.03	50	37635	15.127	ug/l	98
4) Vinyl Chloride	2.16	62	34964	16.211	ug/l	97
5) Bromomethane	2.50	94	20427	21.383	ug/l	99
6) Chloroethane	2.65	64	20210	20.715	ug/l	97
7) Trichlorofluoromethane	2.97	101	54837	21.655	ug/l	96
8) Diethyl Ether	3.37	74	21244	17.940	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30488	18.778	ug/l	97
10) Methyl Iodide	3.91	142	36048	17.367	ug/l	95
11) Tert butyl alcohol	4.74	59	37934	99.817	ug/l	98
12) 1,1-Dichloroethene	3.69	96	29999	18.219	ug/l	96
13) Acrolein	3.56	56	18027	52.386	ug/l	95
14) Allyl chloride	4.27	41	56719	15.924	ug/l	94
15) Acrylonitrile	4.93	53	89657	88.079	ug/l	97
16) Acetone	3.78	43	79700	88.656	ug/l	97
17) Carbon Disulfide	4.00	76	84701	15.656	ug/l	99
18) Methyl Acetate	4.28	43	45862	20.152	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	115948	19.132	ug/l	97
20) Methylene Chloride	4.50	84	37606	17.442	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32183	17.610	ug/l	97
22) Diisopropyl ether	5.90	45	120907	17.077	ug/l	94
23) Vinyl Acetate	5.84	43	487684	84.067	ug/l	96
24) 1,1-Dichloroethane	5.80	63	69071	18.117	ug/l	99
25) 2-Butanone	6.79	43	121373	88.651	ug/l	97
26) 2,2-Dichloropropane	6.77	77	54080	17.279	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37729	18.092	ug/l	97
28) Bromochloromethane	7.15	49	34215	18.236	ug/l	95
29) Tetrahydrofuran	7.17	42	79267	85.562	ug/l	94
30) Chloroform	7.33	83	70729	19.512	ug/l	100
31) Cyclohexane	7.62	56	58268	16.553	ug/l	# 95
32) 1,1,1-Trichloroethane	7.53	97	62735	20.729	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50397	18.729	ug/l	98
37) Ethyl Acetate	6.88	43	51003	17.583	ug/l	99
38) Carbon Tetrachloride	7.73	117	55706	21.537	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51952	17.935	ug/l	97
40) Benzene	8.00	78	144767	17.770	ug/l	98
41) Methacrylonitrile	7.13	41	21440m	17.246	ug/l	
42) 1,2-Dichloroethane	8.08	62	62140	20.864	ug/l	98
43) Isopropyl Acetate	8.13	43	83945	17.952	ug/l #	91
44) Trichloroethene	8.80	130	33826	18.412	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41451	18.122	ug/l	97
46) Dibromomethane	9.17	93	26356	19.937	ug/l	96
47) Bromodichloromethane	9.37	83	56815	19.837	ug/l #	98
48) Methyl methacrylate	9.17	41	40177	18.075	ug/l	96
49) 1,4-Dioxane	9.17	88	13345	390.891	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	262985	93.995	ug/l	100
52) Toluene	10.12	92	88735	18.758	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	60452	18.960	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64650	18.897	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35642	19.425	ug/l	98
56) Ethyl methacrylate	10.40	69	55608	18.050	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62640	18.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	83533	95.199	ug/l	97
59) 2-Hexanone	10.72	43	189813	89.644	ug/l	99
60) Dibromochloromethane	10.87	129	41285	20.169	ug/l	98
61) 1,2-Dibromoethane	10.98	107	35893	18.786	ug/l	97
64) Tetrachloroethene	10.60	164	29556	19.620	ug/l	97
65) Chlorobenzene	11.41	112	93008	19.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	36712	20.077	ug/l	98
67) Ethyl Benzene	11.48	91	170509	19.133	ug/l	98
68) m/p-Xylenes	11.60	106	124042	38.724	ug/l	97
69) o-Xylene	11.92	106	59124	19.437	ug/l	98
70) Styrene	11.94	104	102342	19.918	ug/l	98
71) Bromoform	12.10	173	28297	20.611	ug/l #	99
73) Isopropylbenzene	12.22	105	164320	18.794	ug/l	100
74) N-amyl acetate	12.05	43	69793	17.874	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	54862	18.057	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	50734m	18.025	ug/l	
77) Bromobenzene	12.50	156	40127	19.097	ug/l	92
78) n-propylbenzene	12.57	91	191715	18.719	ug/l	100
79) 2-Chlorotoluene	12.65	91	118552	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	145127	20.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	17638	17.445	ug/l	95
82) 4-Chlorotoluene	12.75	91	120315	18.313	ug/l	99
83) tert-Butylbenzene	12.97	119	120522	20.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	139068	19.546	ug/l	99
85) sec-Butylbenzene	13.15	105	161517	20.033	ug/l	98
86) p-Isopropyltoluene	13.26	119	140283	20.230	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	69322	18.800	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69720	19.208	ug/l	98
89) n-Butylbenzene	13.59	91	111863	18.774	ug/l	99
90) Hexachloroethane	13.85	117	28260	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66407	18.835	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11483	20.816	ug/l	89

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29011	17.782	ug/l	98
94) Hexachlorobutadiene	14.98	225	22203	23.044	ug/l	97
95) Naphthalene	15.11	128	74634	17.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	31012	18.664	ug/l	100

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

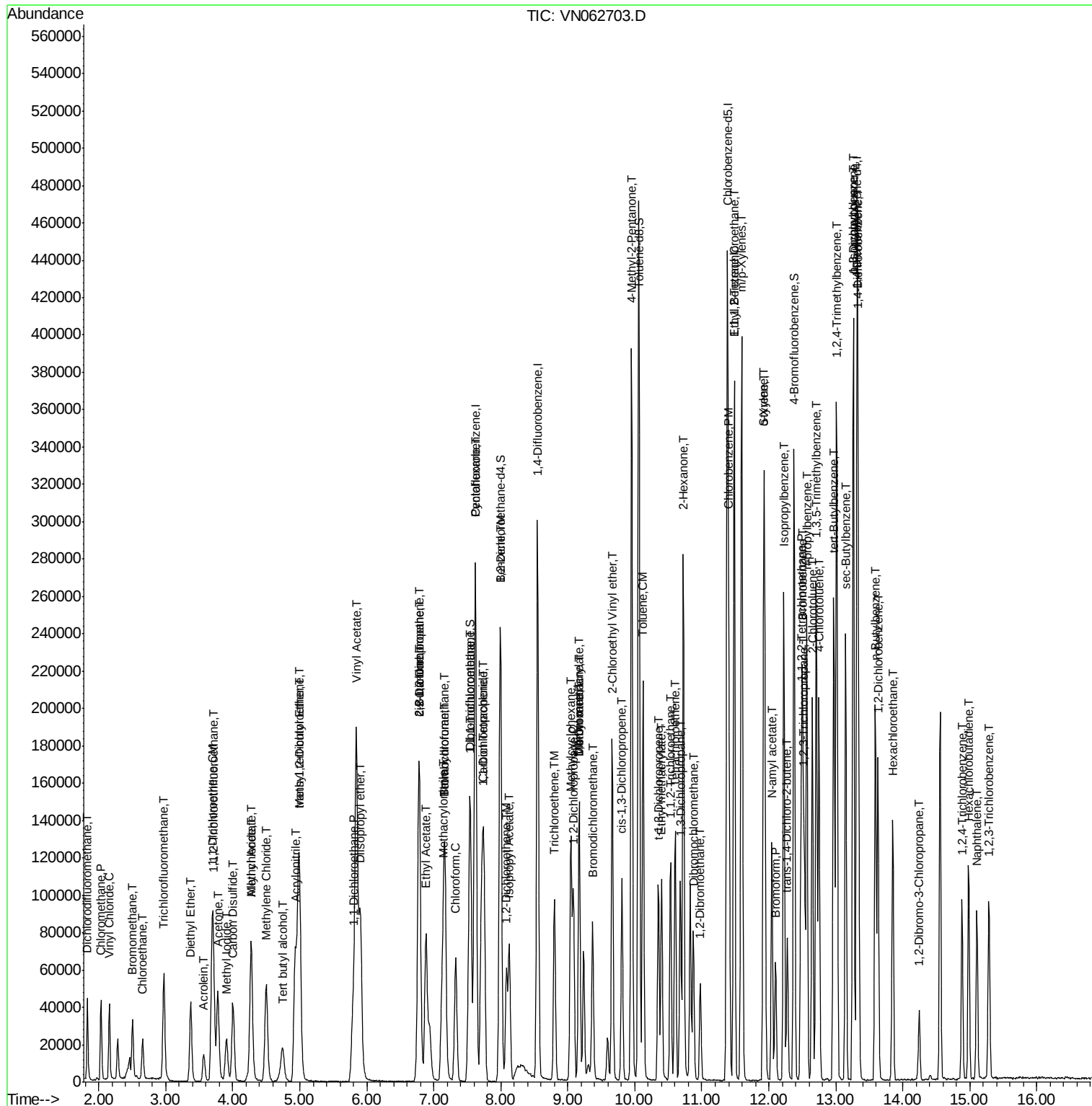
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Data File : VN062703.D
Acq On : 31 Jul 2020 23:09
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Sample : VN0731WBSD02
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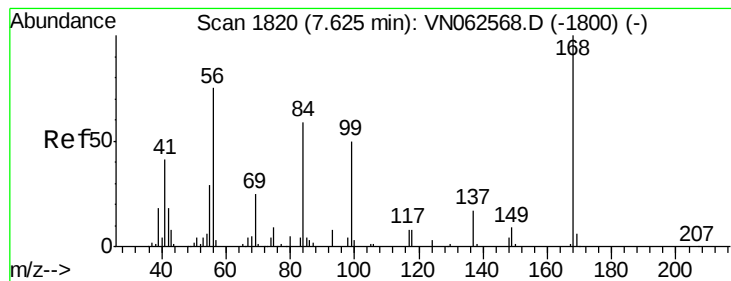
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion:168 Resp: 153783

Ion Ratio Lower Upper

168 100

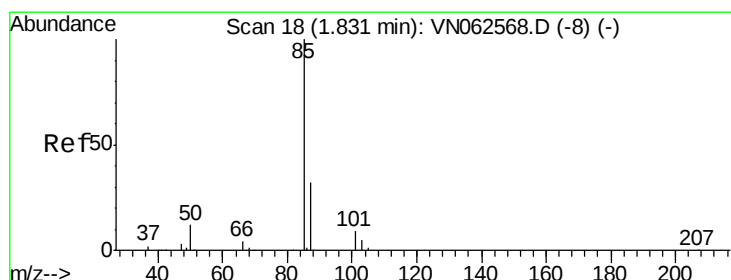
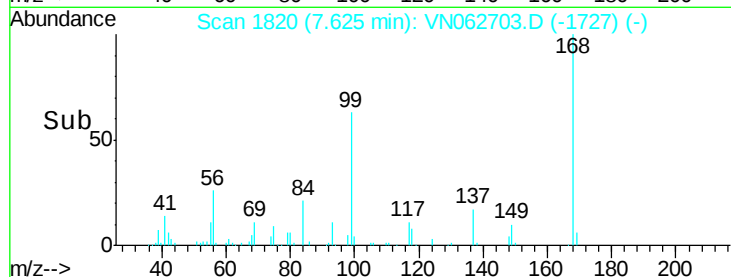
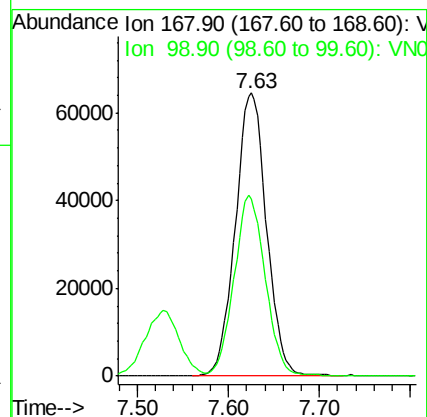
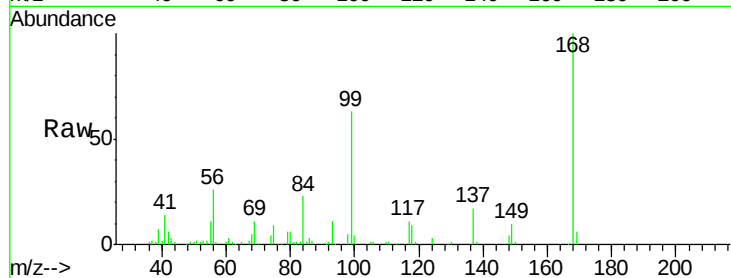
99 62.4 48.4 72.6

Manual Integrations

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8/3/2020 5:03:19 PM



#2

Dichlorodifluoromethane

Concen: 18.150 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062703.D

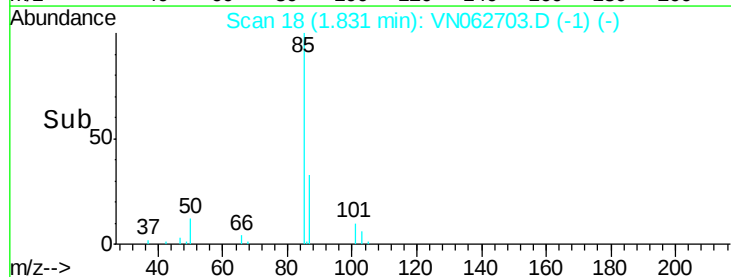
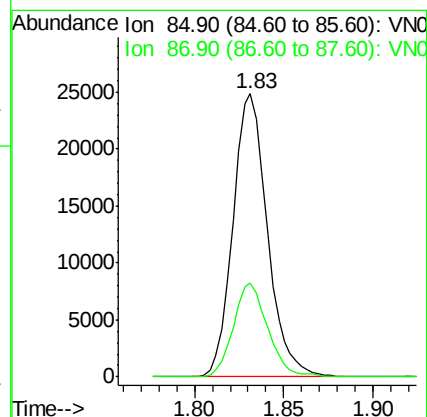
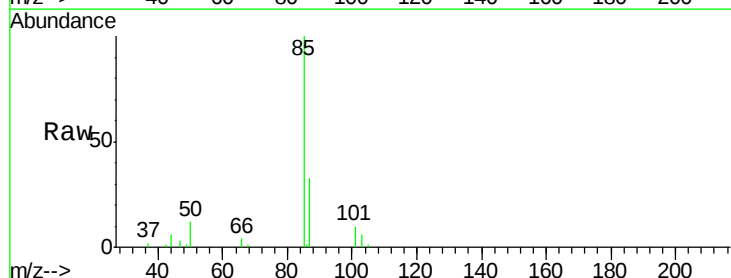
Acq: 31 Jul 2020 23:09

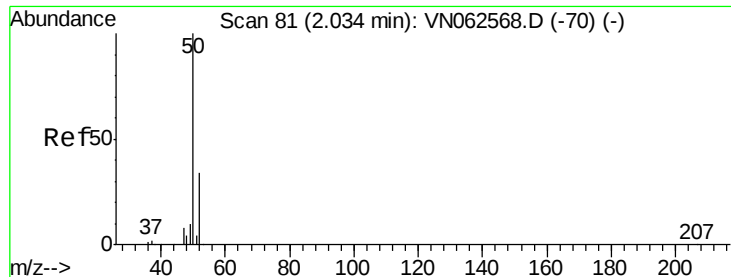
Tgt Ion: 85 Resp: 33294

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0





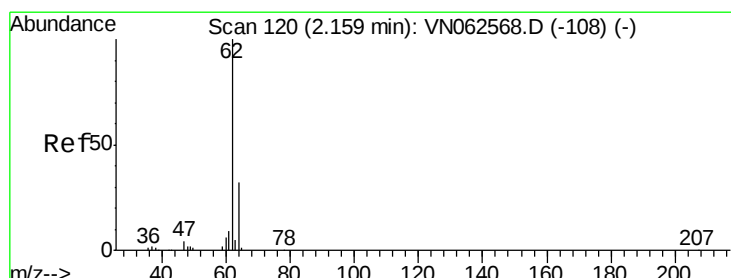
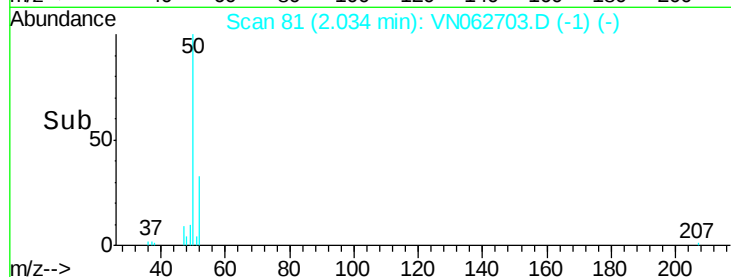
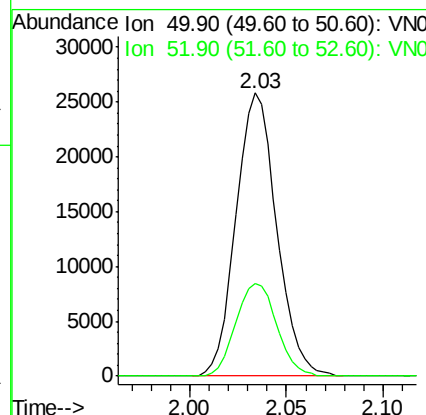
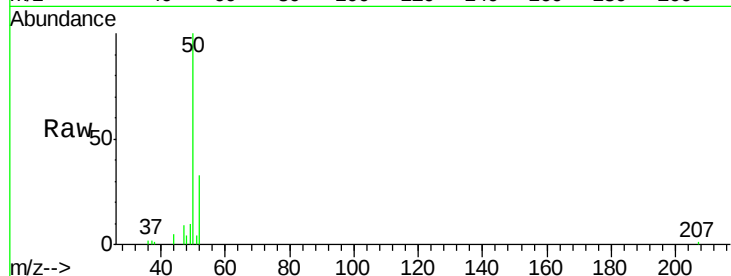
#3
Chloromethane
Concen: 15.127 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 50 Resp: 37635
Ion Ratio Lower Upper
50 100
52 32.8 27.0 40.4

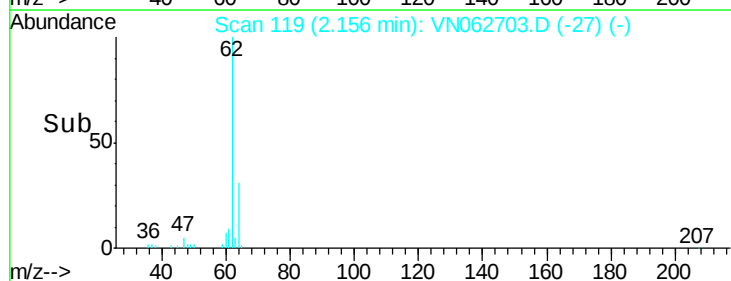
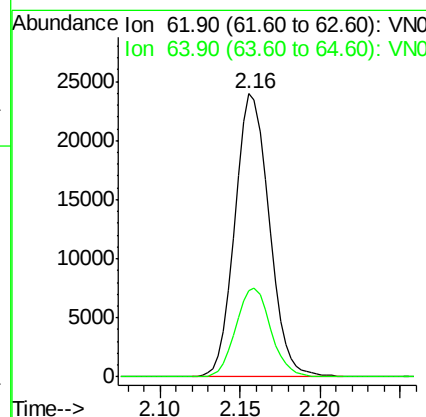
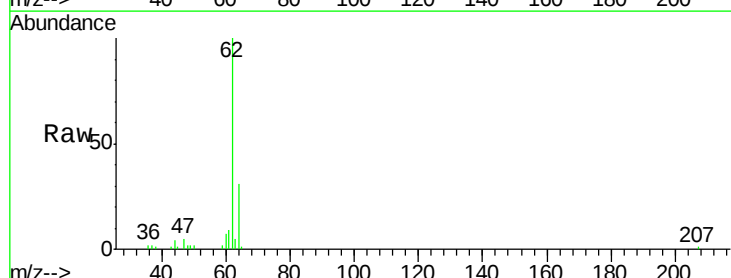
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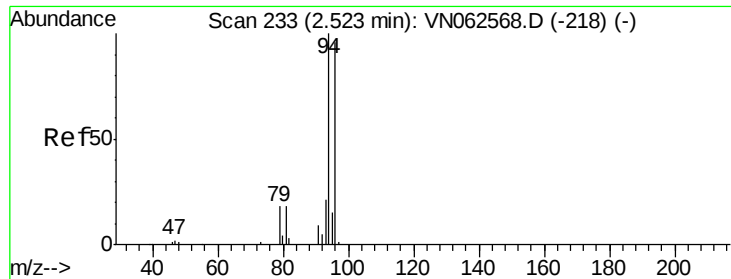
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#4
Vinyl Chloride
Concen: 16.211 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 62 Resp: 34964
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.8





#5

Bromomethane

Concen: 21.383 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 94 Resp: 20427

Ion Ratio Lower Upper

94 100

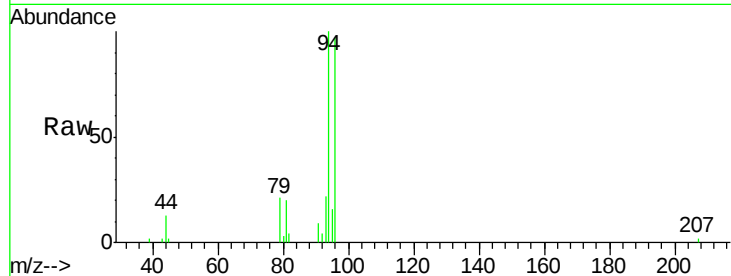
96 97.0 76.6 114.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

12000

10000

8000

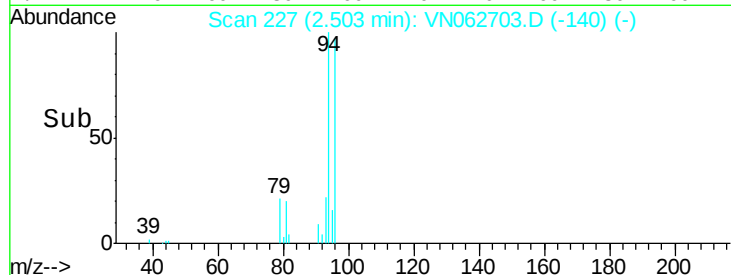
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4000

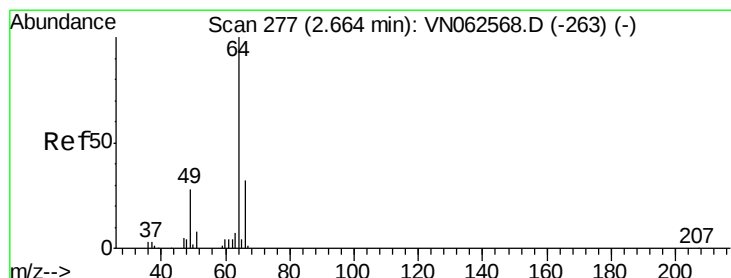
2000

0

Time-->



Time-->



#6

Chloroethane

Concen: 20.715 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062703.D

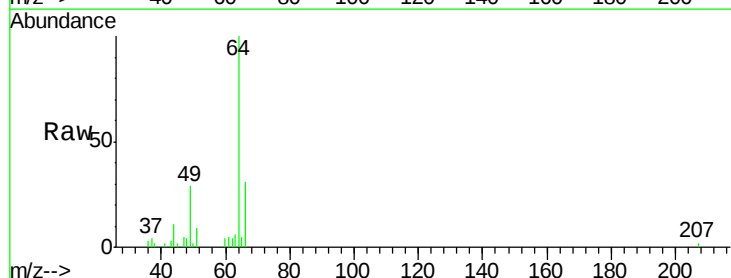
Acq: 31 Jul 2020 23:09

Tgt Ion: 64 Resp: 20210

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

12000

10000

8000

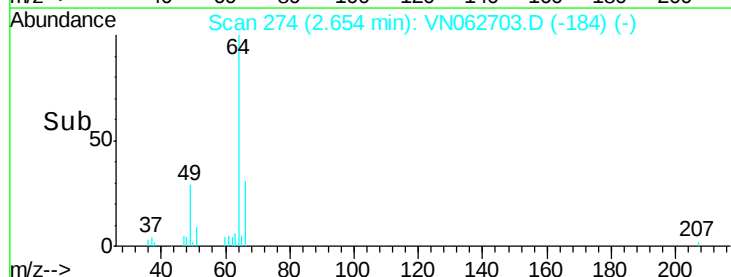
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Time-->



Time-->



#7

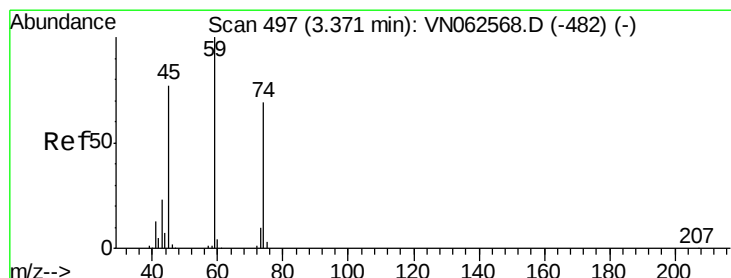
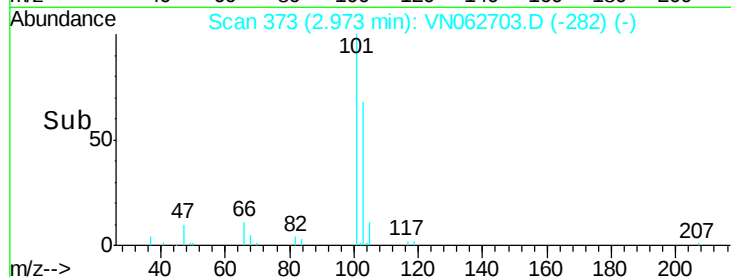
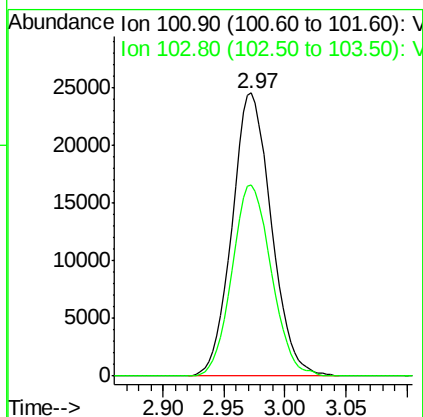
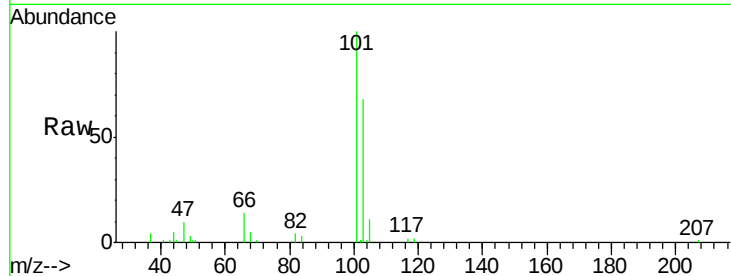
Trichlorofluoromethane
 Concen: 21.655 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
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 ClientSampleId :
 VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.5	77.3

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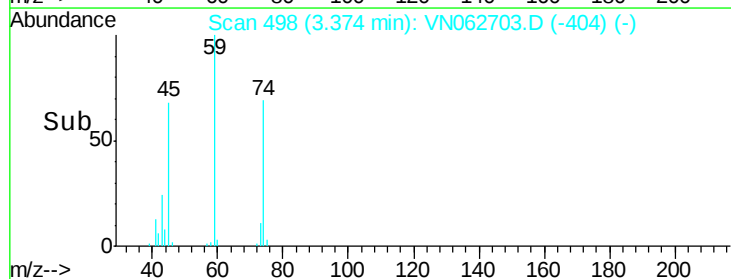
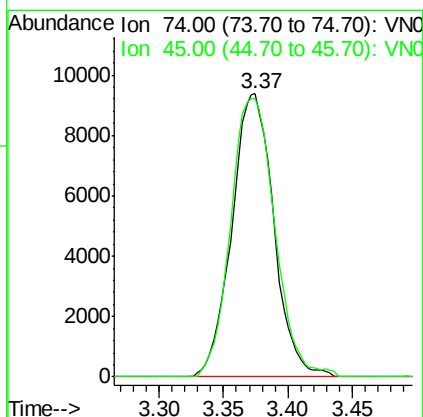
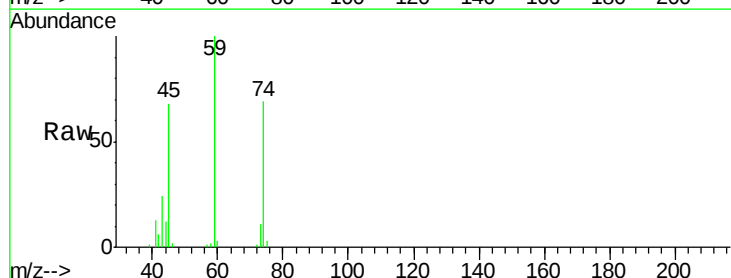
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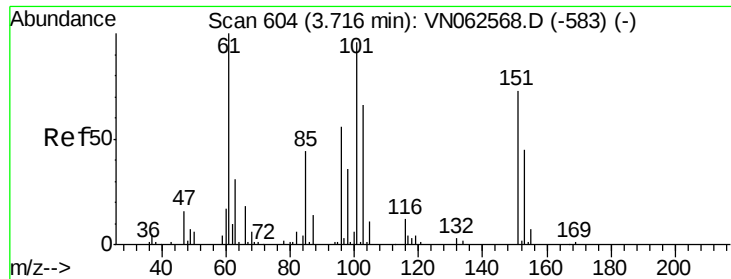


#8

Diethyl Ether
 Concen: 17.940 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.778 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062703.D

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Instrument :

MSVOA_N

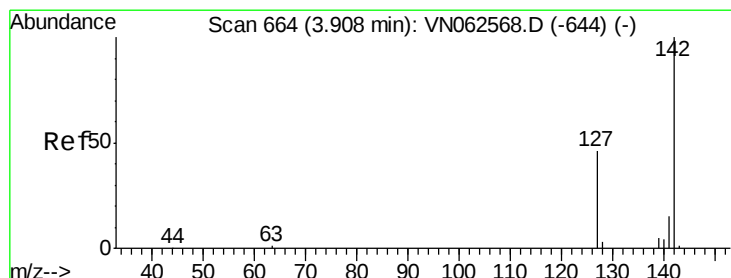
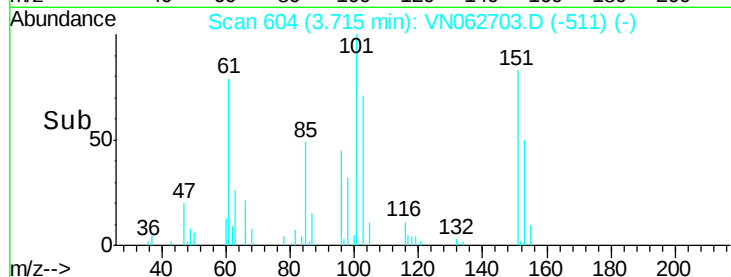
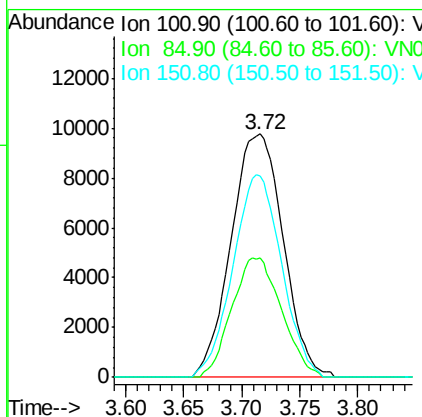
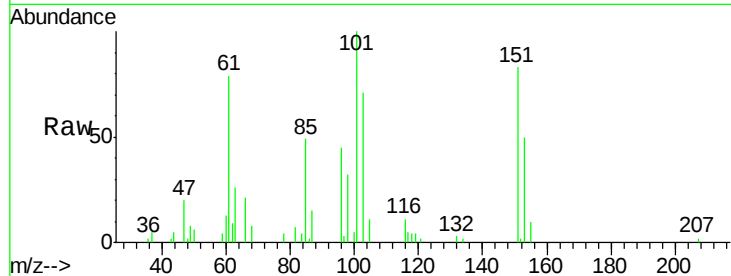
ClientSampleId :

VN0731WBSD02

Tot Ion:	101	Resp:	30488
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.0	54.0
151	77.7	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.367 ug/l

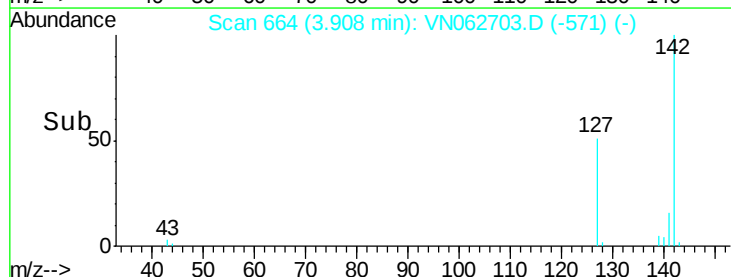
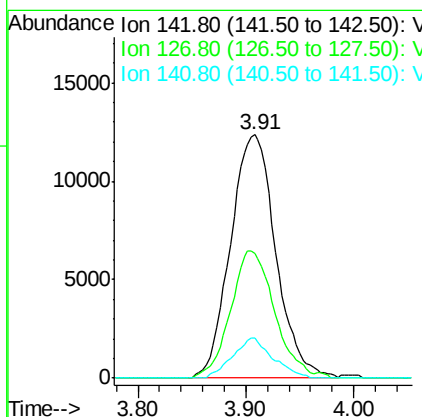
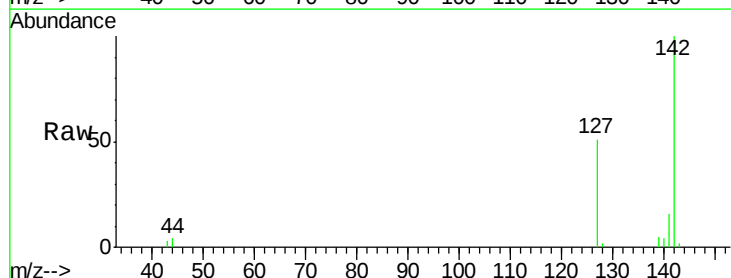
RT: 3.91 min Scan# 664

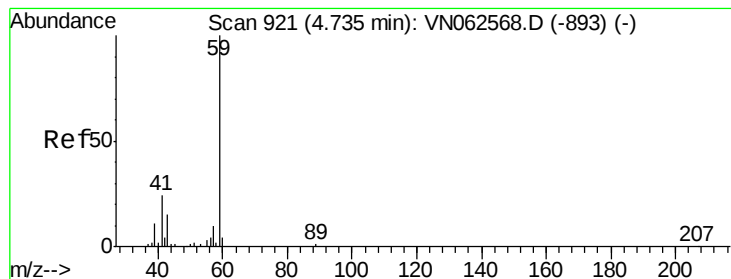
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	142	Resp:	36048
Ion Ratio	Lower	Upper	
142	100		
127	51.2	37.4	56.0
141	14.7	11.9	17.9





#11

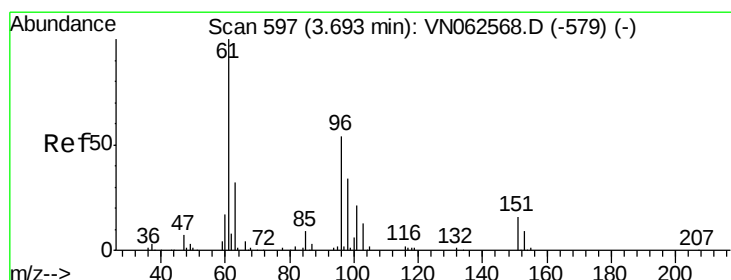
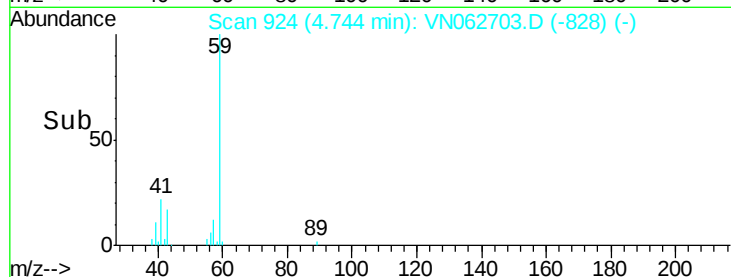
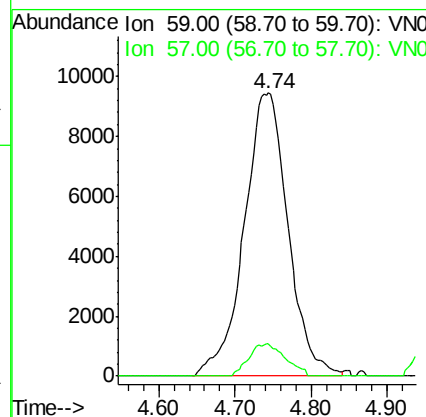
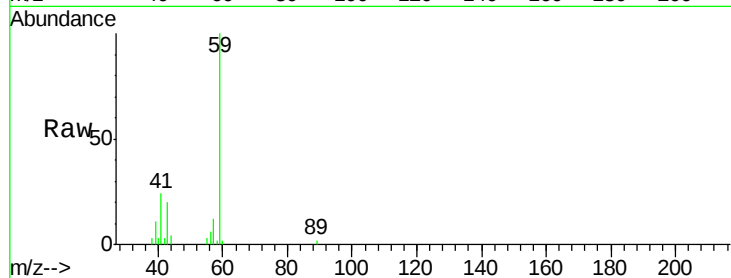
Tert butyl alcohol
 Concen: 99.817 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	37934		
57	57	9.6		8.2	12.2

Manual Integrations
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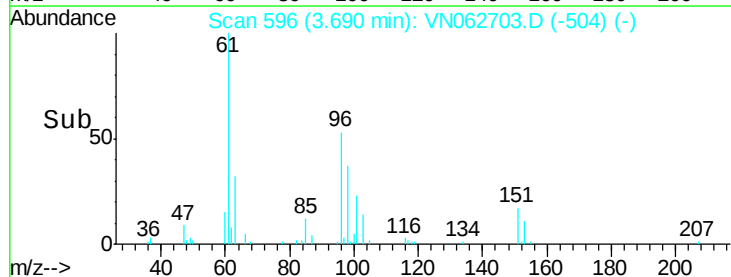
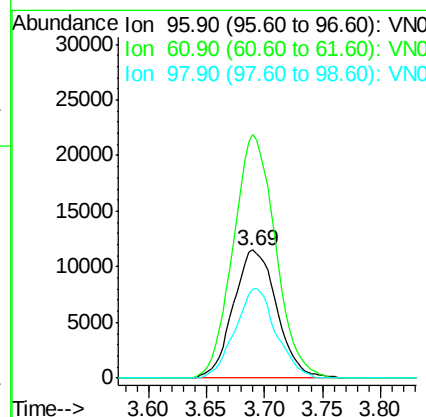
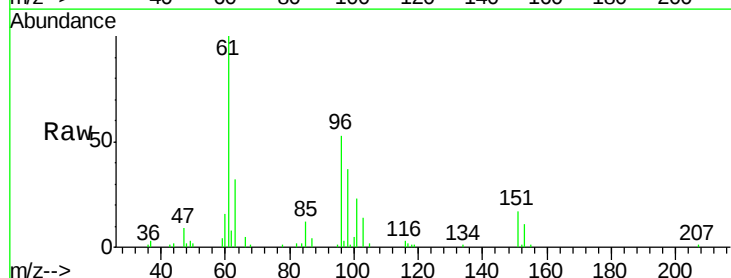
MMDadoda
 8/3/2020 5:03:19 PM

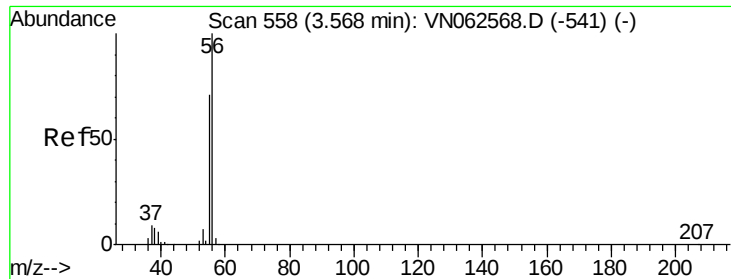


#12

1,1-Dichloroethene
 Concen: 18.219 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	29999		
61	61	190.3		148.6	222.8
98	98	69.6		50.6	75.8





#13

Acrolein

Concen: 52.386 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 56 Resp: 18027

Ion Ratio Lower Upper

56 100

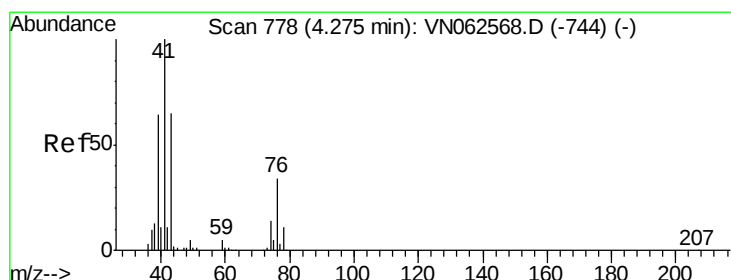
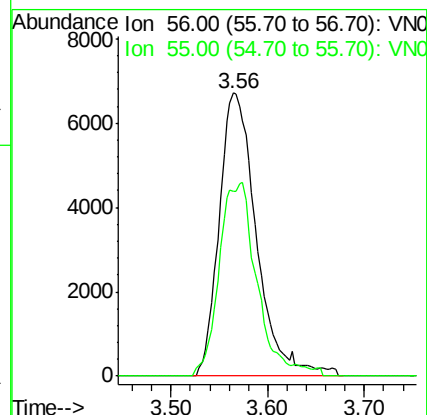
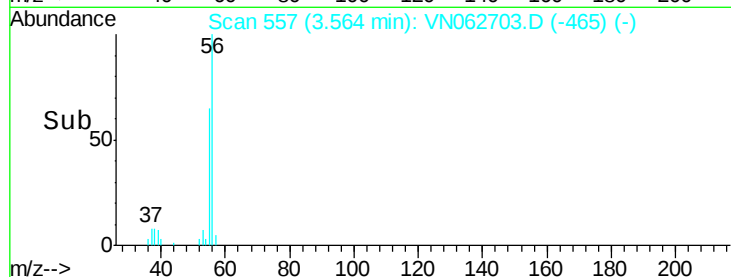
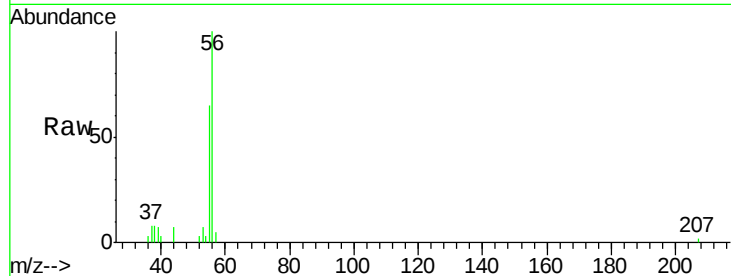
55 67.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 15.924 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

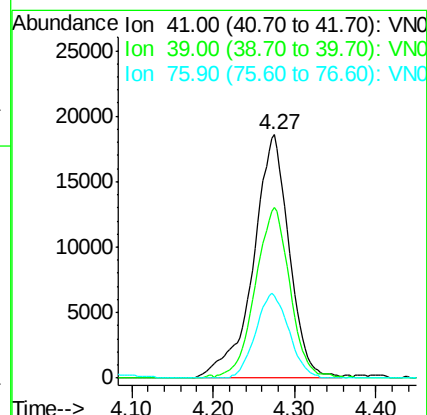
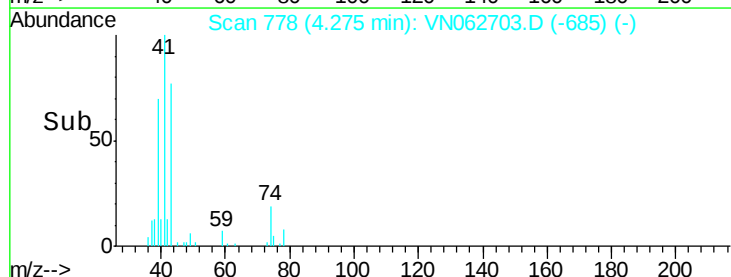
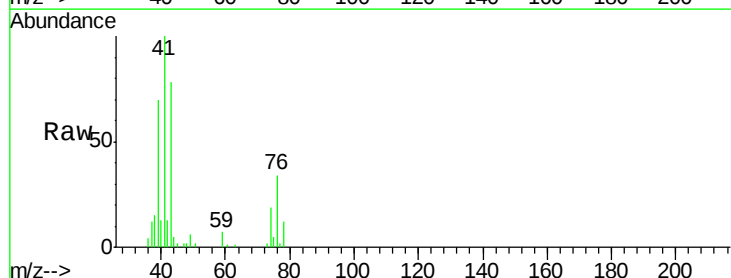
Tgt Ion: 41 Resp: 56719

Ion Ratio Lower Upper

41 100

39 66.7 49.0 73.4

76 32.1 24.0 36.0





#15

Acrylonitrile

Concen: 88.079 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

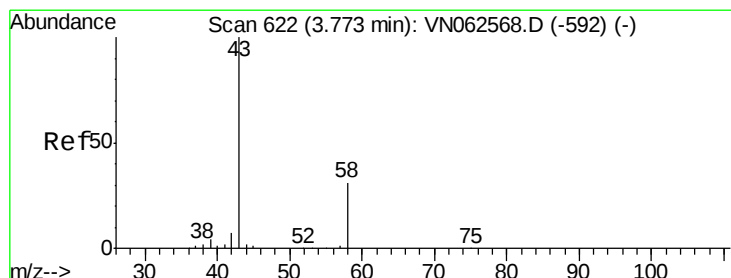
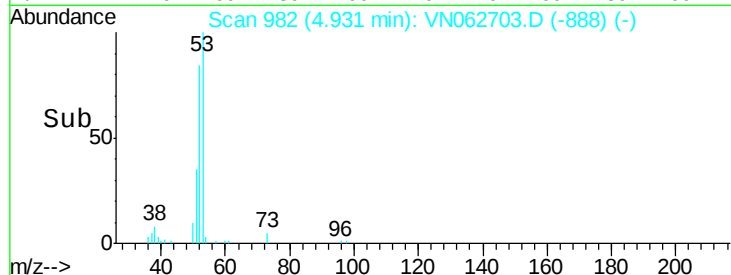
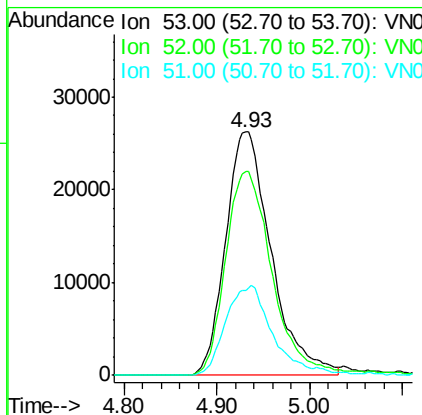
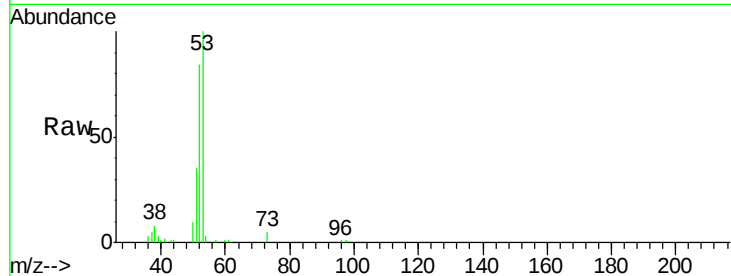
ClientSampleId :

VN0731WBSD02

Tot Ion:	53	Resp:	89657
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.3	99.5
51	37.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 88.656 ug/l

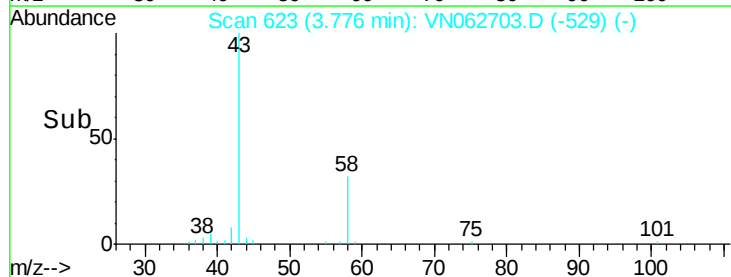
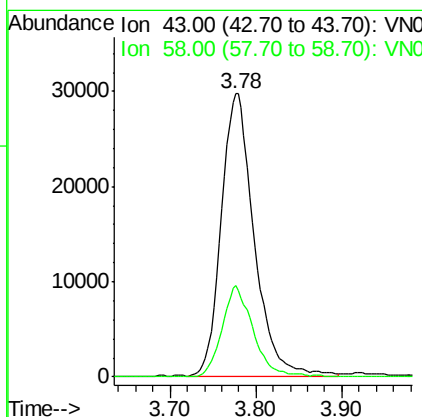
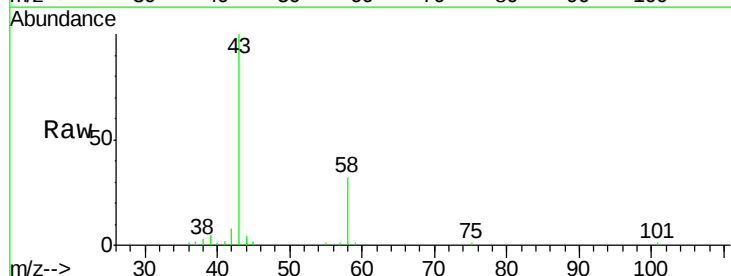
RT: 3.78 min Scan# 623

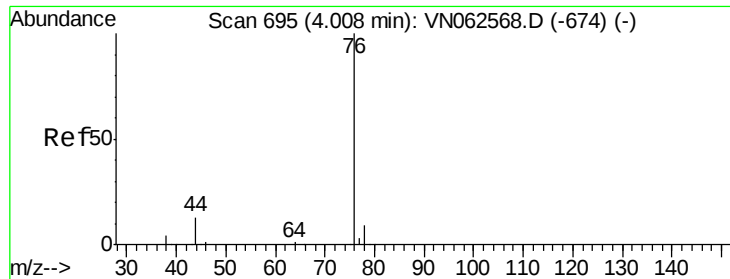
Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	43	Resp:	79700
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.6	37.0





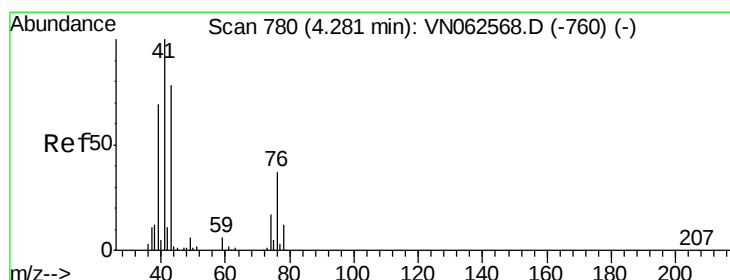
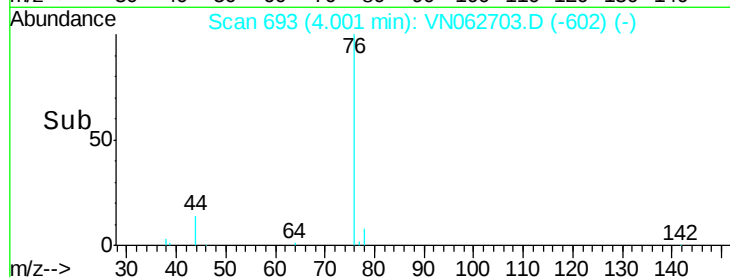
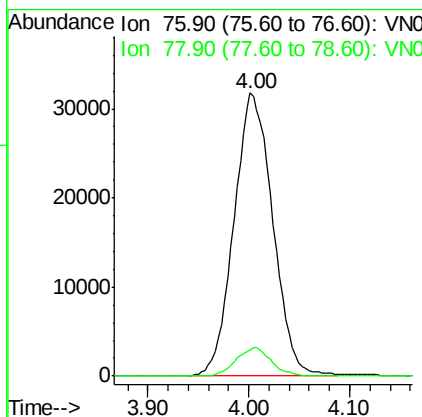
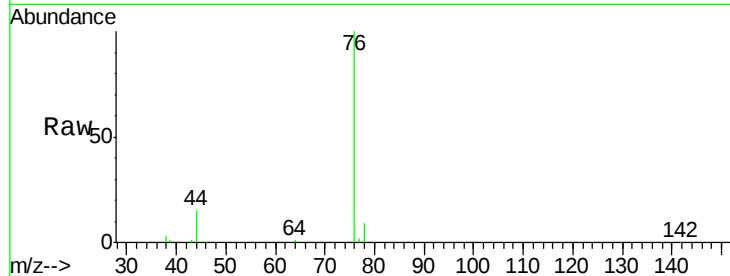
#17
Carbon Disulfide
Concen: 15.656 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 76 Resp: 84701
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

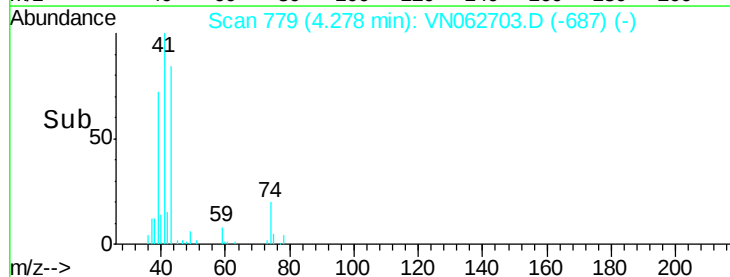
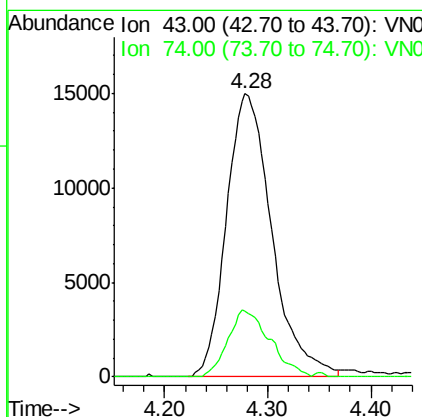
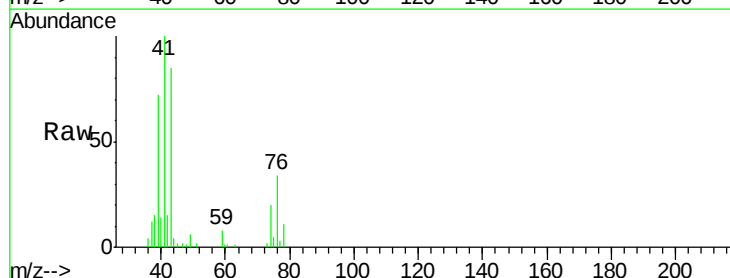
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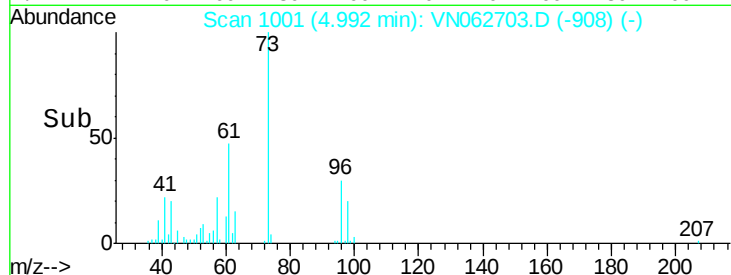
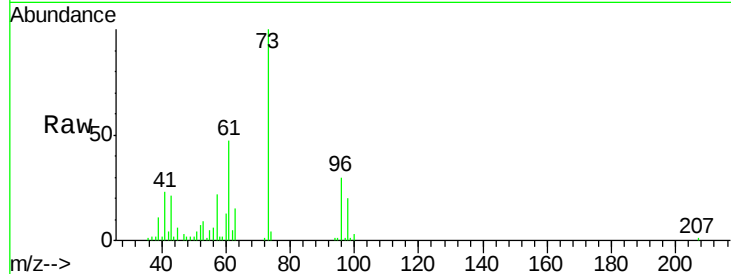
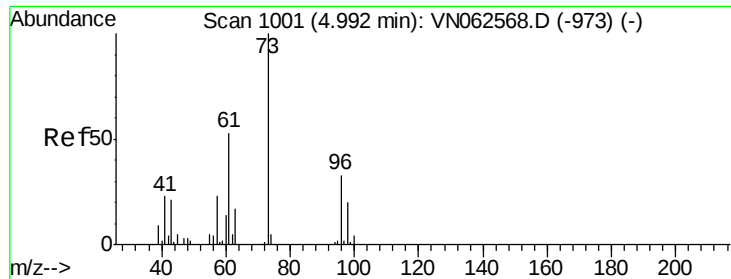
MMDadoda
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#18
Methyl Acetate
Concen: 20.152 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 43 Resp: 45862
Ion Ratio Lower Upper
43 100
74 21.8 16.6 24.8





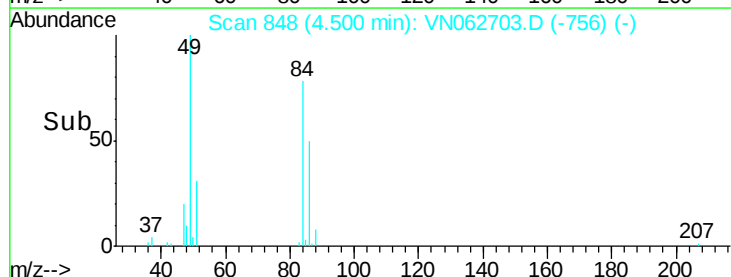
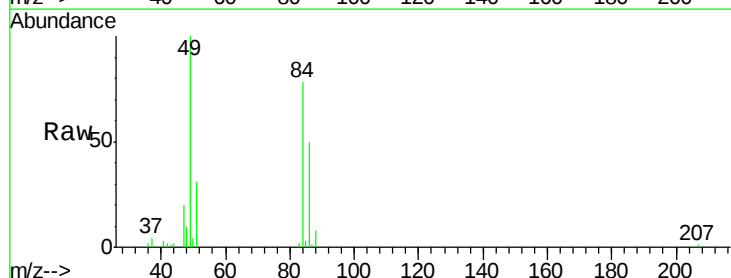
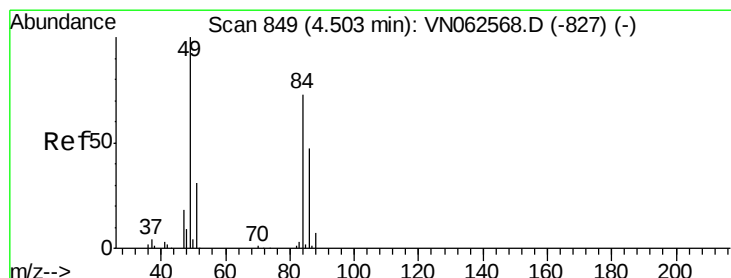
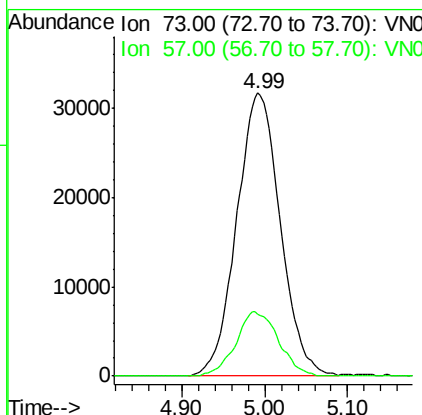
#19
Methvl tert-butvl Ether
Concen: 19.132 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tot Ion: 73 Resp: 115948
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

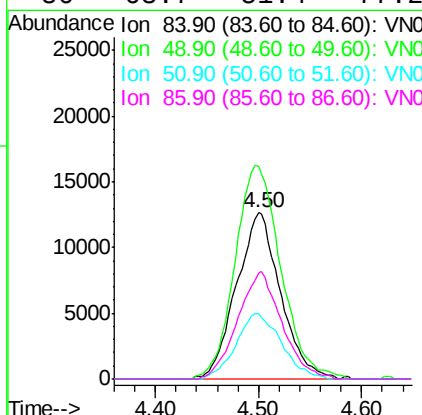
Manual Integrations
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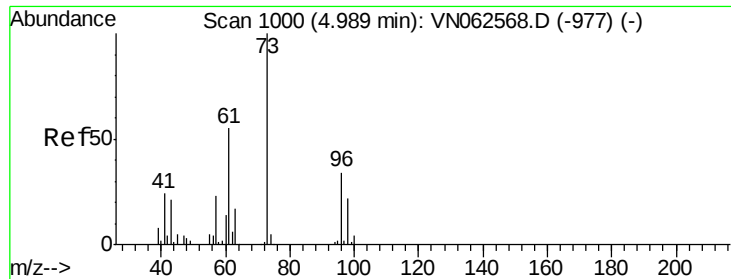
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#20
Methylene Chloride
Concen: 17.442 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 84 Resp: 37606
Ion Ratio Lower Upper
84 100
49 128.1 109.4 164.0
51 39.1 33.6 50.4
86 63.7 51.4 77.2





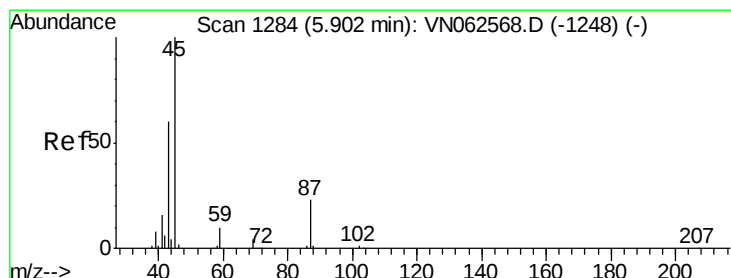
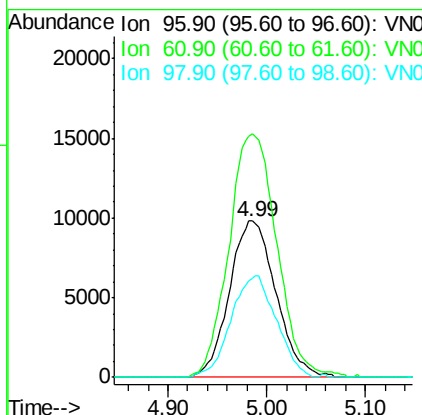
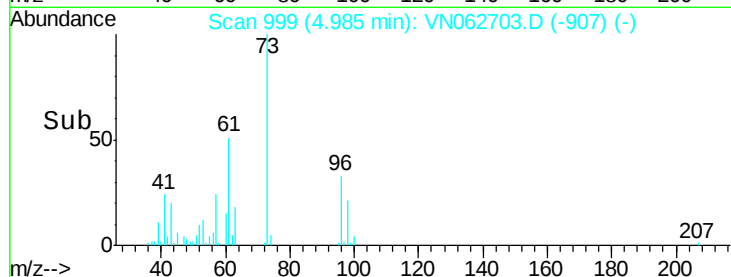
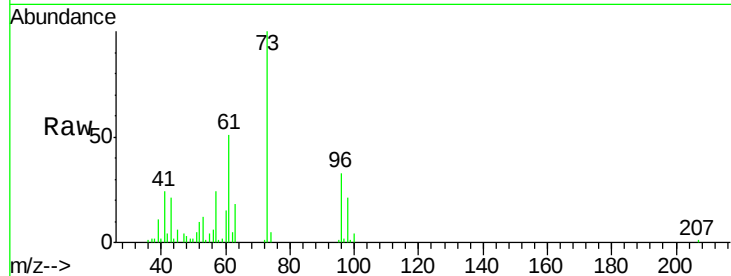
#21
trans-1,2-Dichloroethene
Concen: 17.610 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.6	128.6	192.8
98	63.3	50.6	76.0

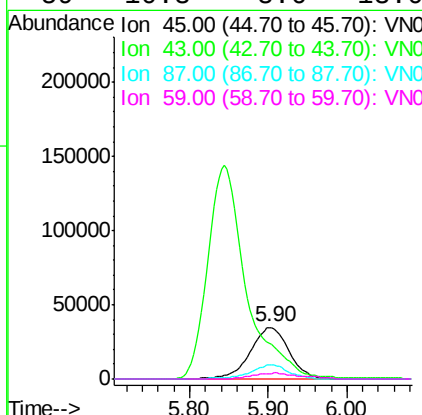
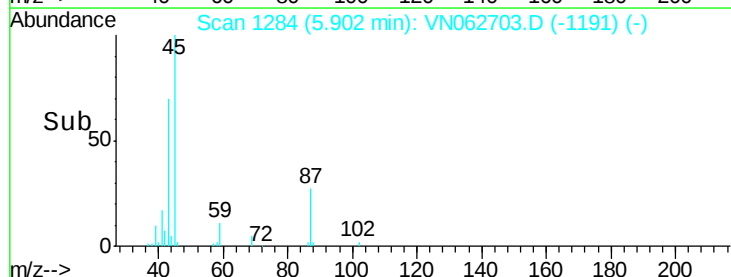
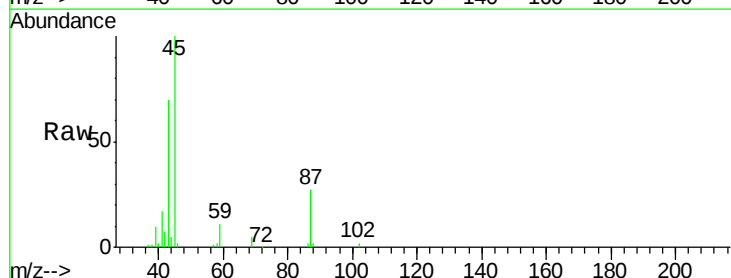
Manual Integrations
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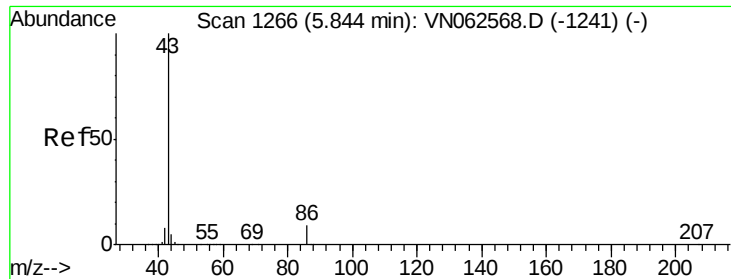
MMDadoda
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#22
Diisopropyl ether
Concen: 17.077 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.3	48.7	73.1
87	27.2	19.0	28.6
59	10.3	8.6	13.0





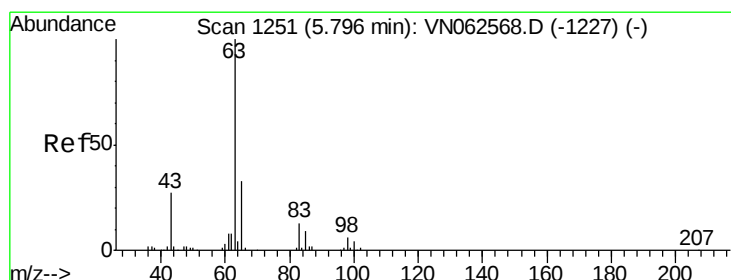
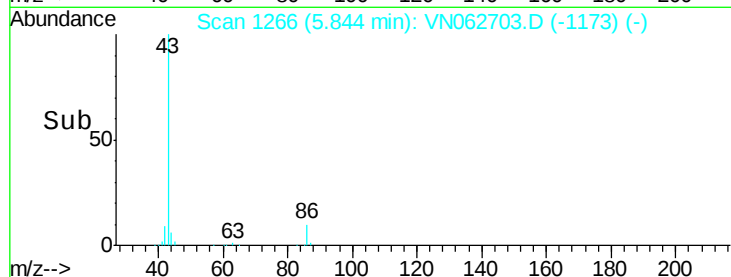
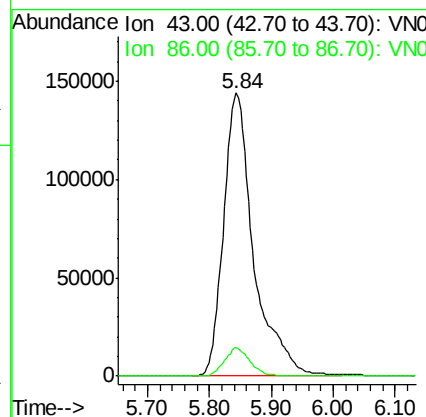
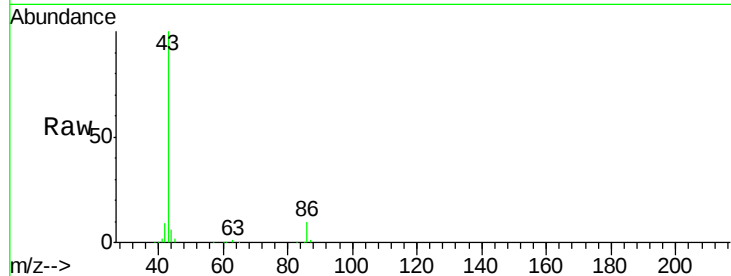
#23
 Vinyl Acetate
 Concen: 84.067 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion	43	Resp	487684
Ion	Ratio	Lower	Upper
43	100		
86	10.1	6.9	10.3

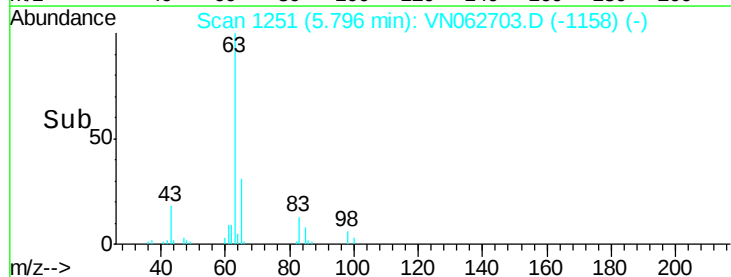
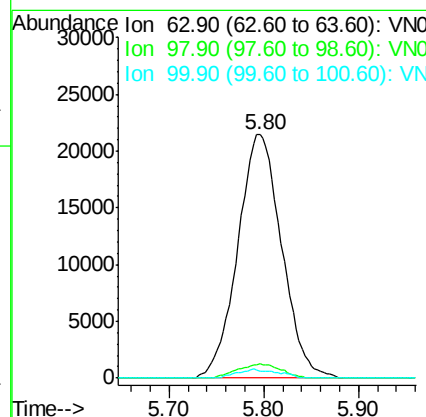
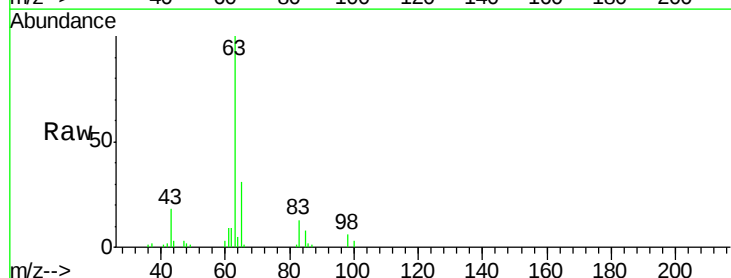
Manual Integrations
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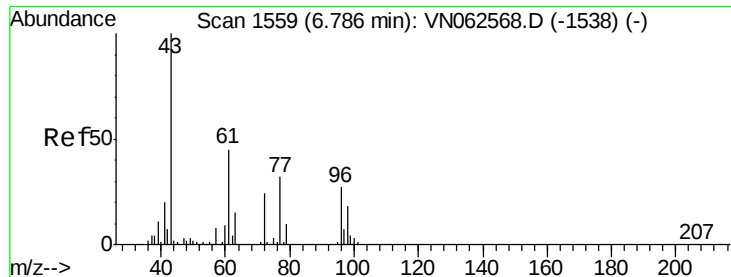
MMDadoda
 8/3/2020 5:03:19 PM



#24
 1,1-Dichloroethane
 Concen: 18.117 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	63	Resp	69071
Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.8
100	3.0	1.8	5.4





#25

2-Butanone

Concen: 88.651 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 43 Resp: 121373

Ion Ratio Lower Upper

43 100

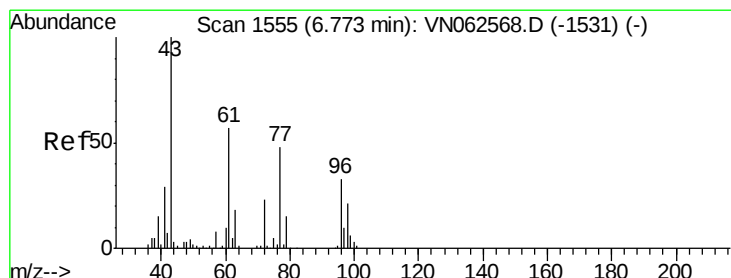
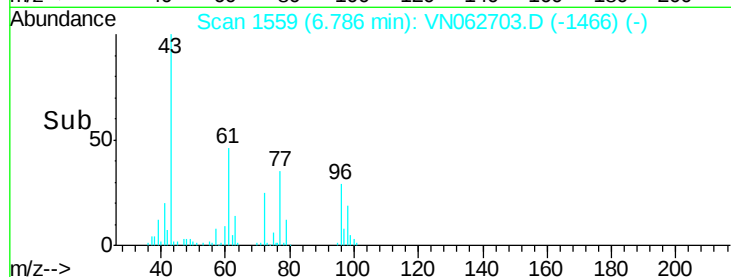
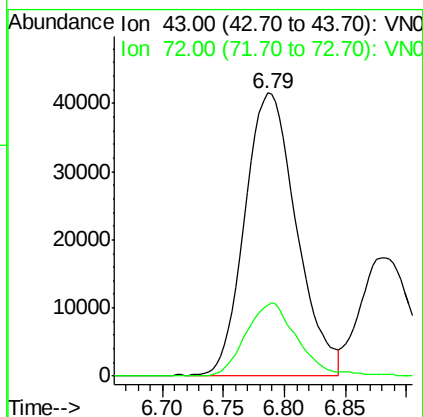
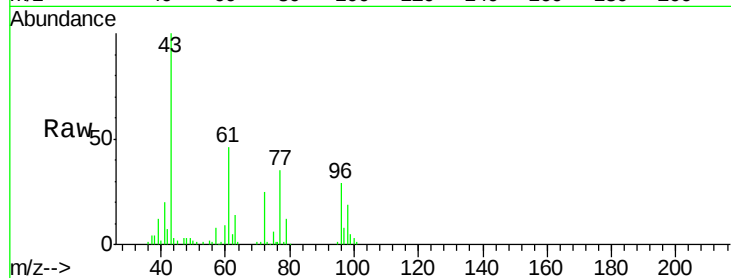
72 25.2 19.0 28.6

Manual Integrations

APPROVED

MMDadoda

8/3/2020 5:03:19 PM



#26

2,2-Dichloropropane

Concen: 17.279 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062703.D

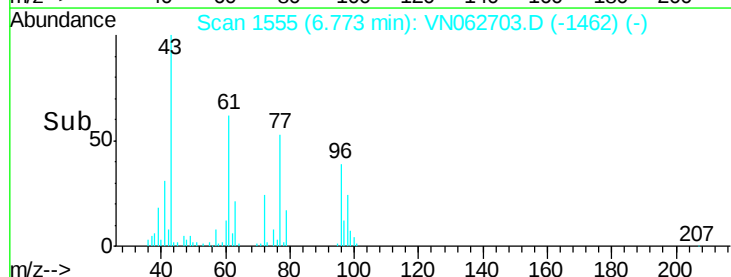
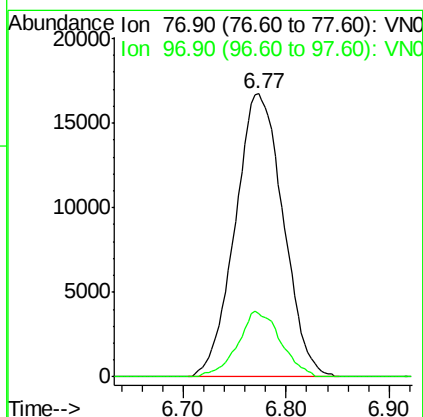
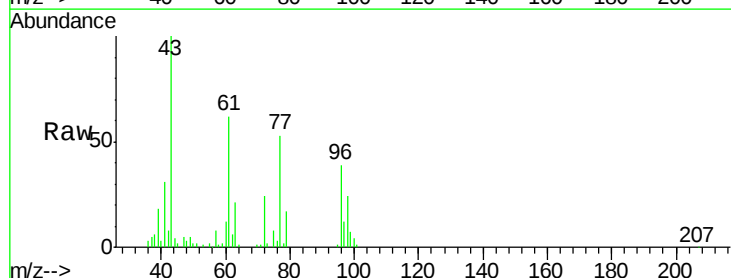
Acq: 31 Jul 2020 23:09

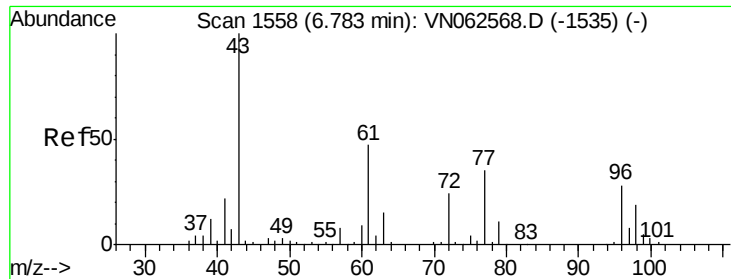
Tgt Ion: 77 Resp: 54080

Ion Ratio Lower Upper

77 100

97 20.7 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.092 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

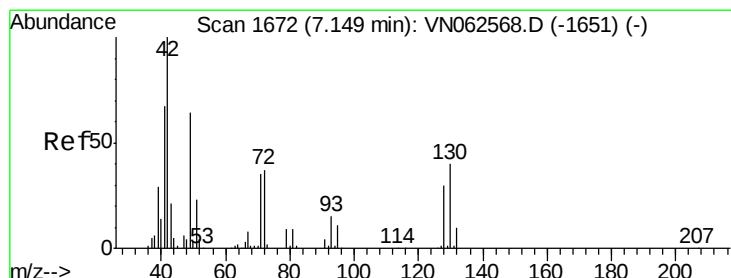
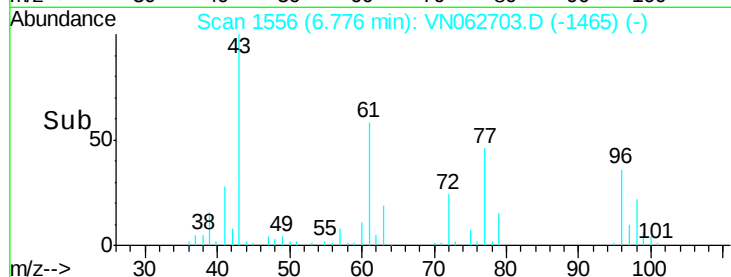
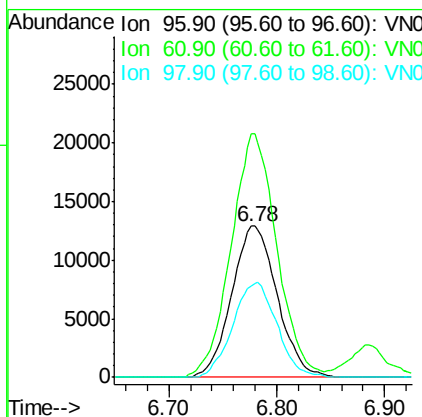
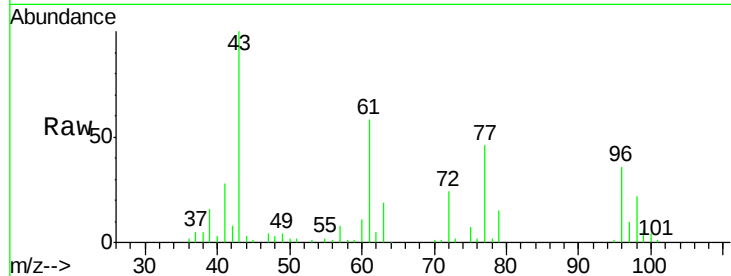
ClientSampleId :

VN0731WBSD02

Tot Ion:	96	Resp:	37729
Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	332.4
98	60.9	0.0	127.4

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#28

Bromochloromethane

Concen: 18.236 ug/l

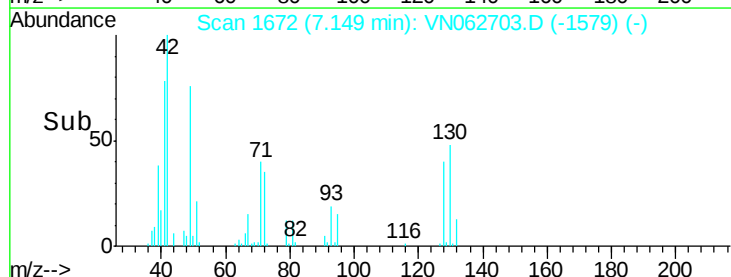
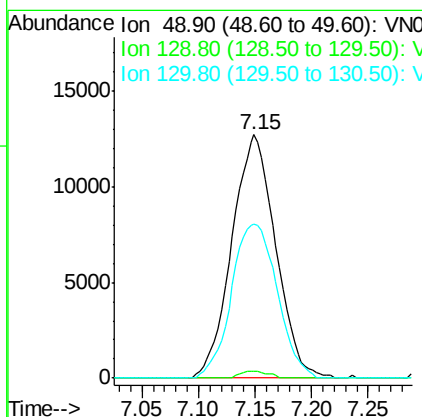
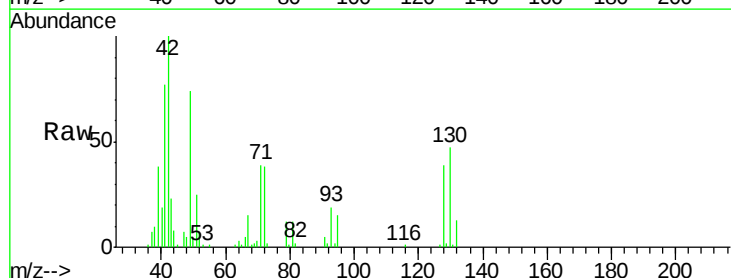
RT: 7.15 min Scan# 1672

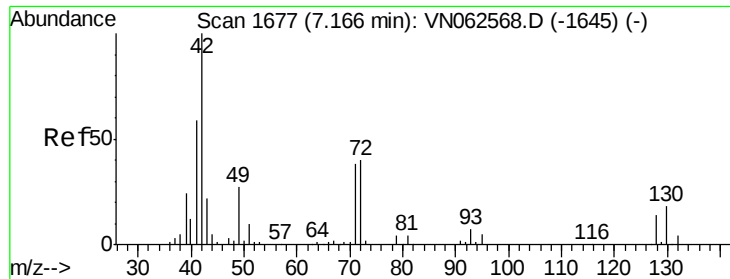
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	49	Resp:	34215
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	66.2	49.8	74.8





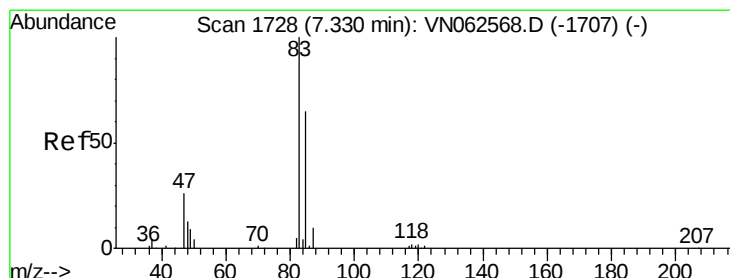
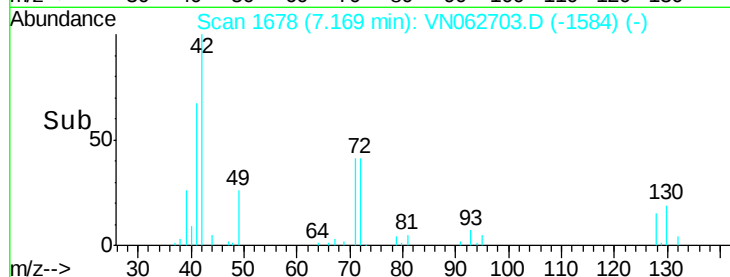
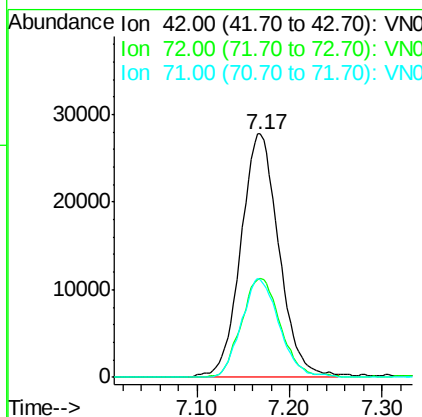
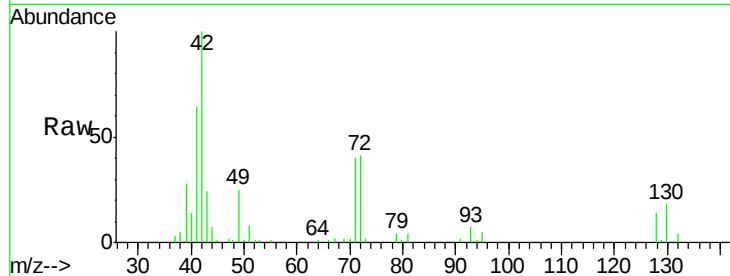
#29
Tetrahydrofuran
Concen: 85.562 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	30.7	46.1
71	40.1	29.1	43.7

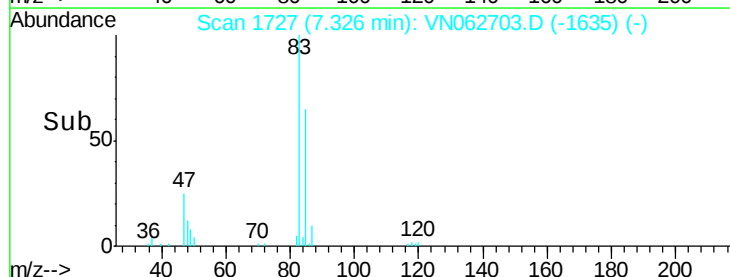
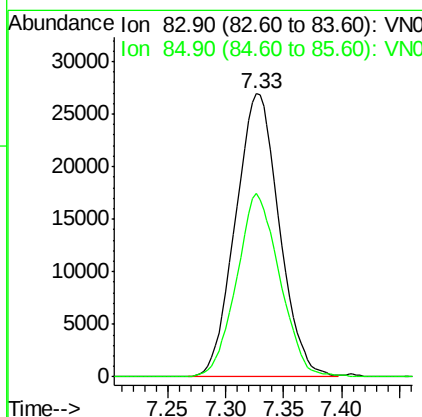
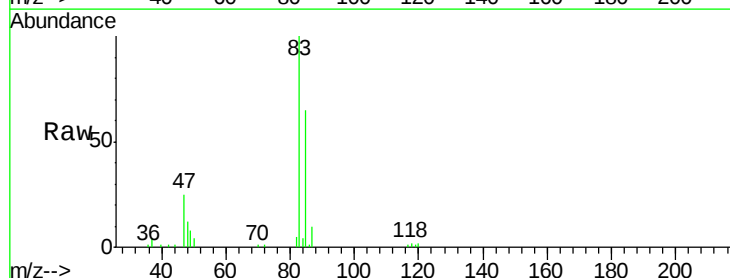
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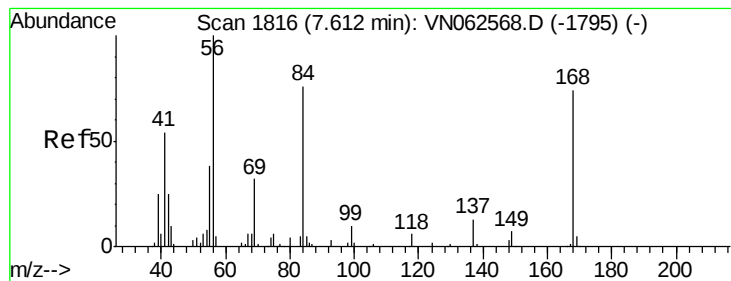
MMDadoda
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#30
Chloroform
Concen: 19.512 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0





#31

Cyclohexane

Concen: 16.553 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

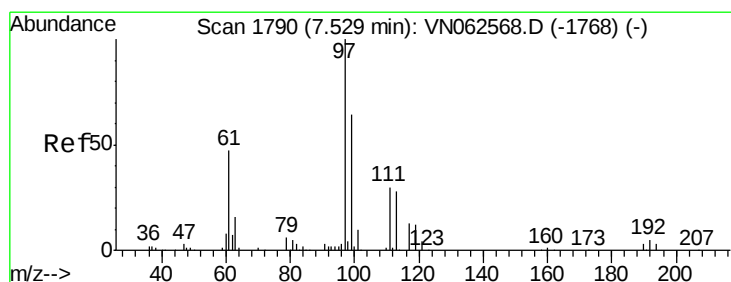
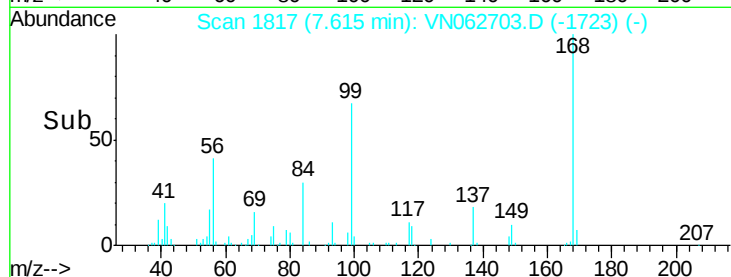
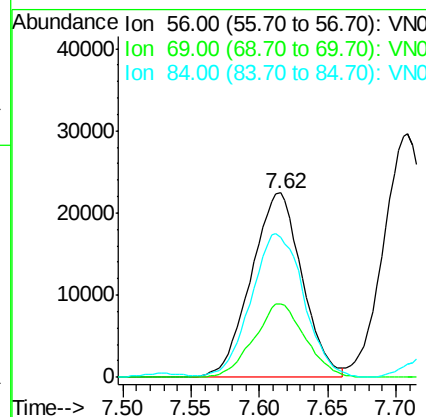
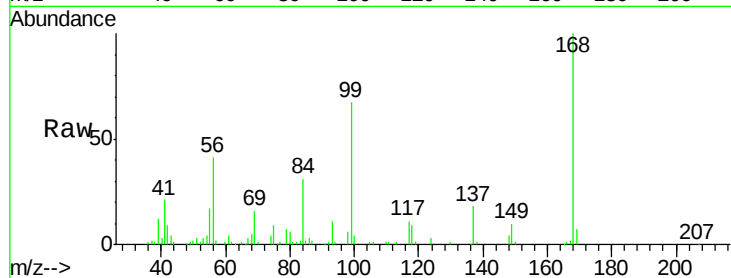
ClientSampleId :

VN0731WBSD02

Tot Ion:	56	Resp:	58268
Ion Ratio	Lower	Upper	
56	100		
69	39.8	25.3	37.9#
84	75.0	61.0	91.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.729 ug/l

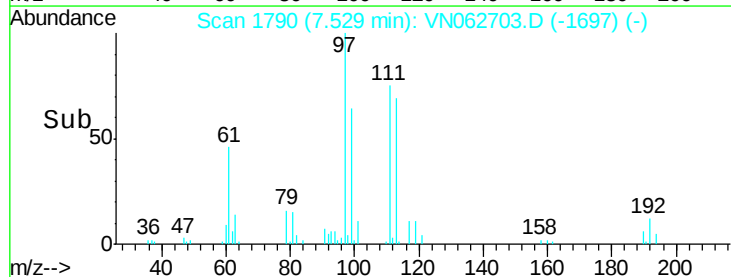
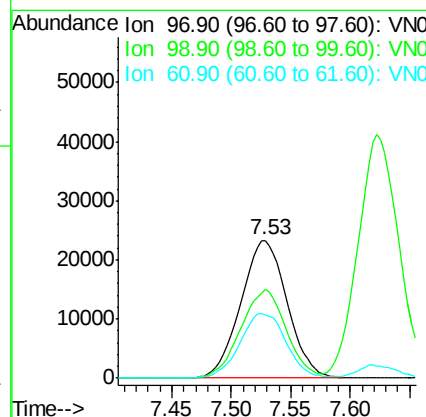
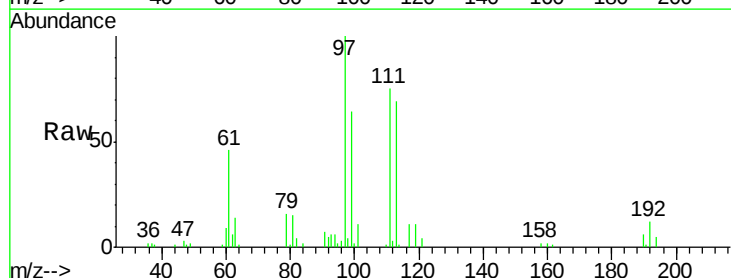
RT: 7.53 min Scan# 1790

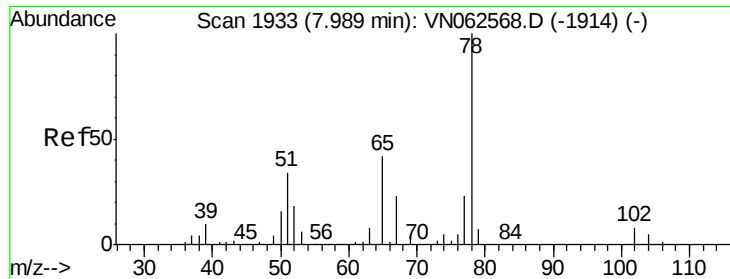
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	97	Resp:	62735
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.2	76.8
61	46.9	38.4	57.6





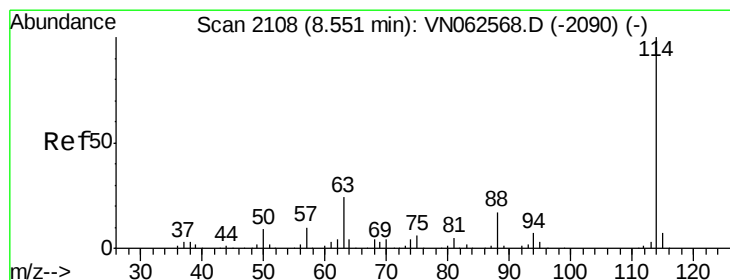
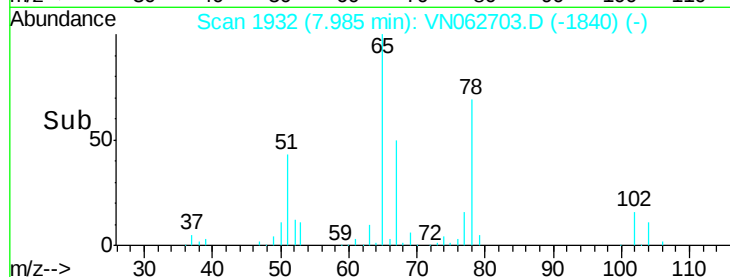
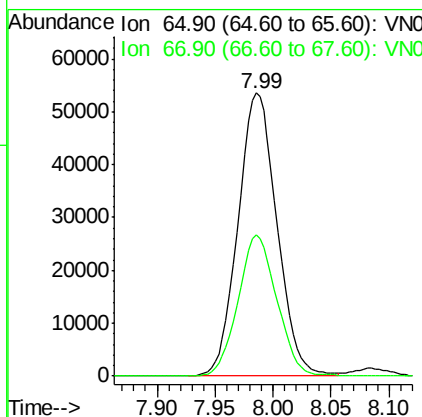
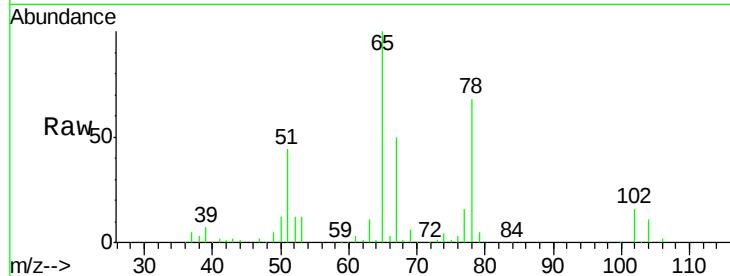
#33
 1,2-Dichloroethane-d4
 Concen: 52.245 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124811		
67	49.6	0.0	106.0	

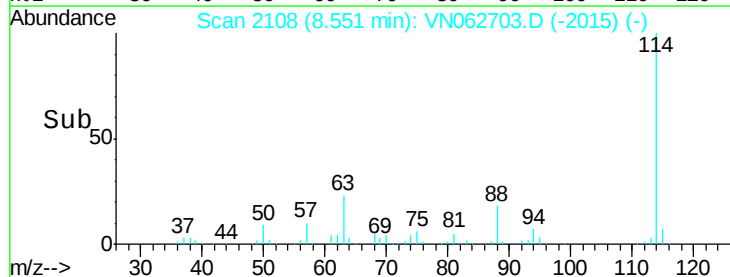
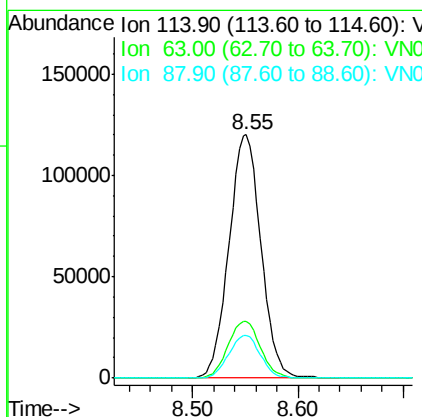
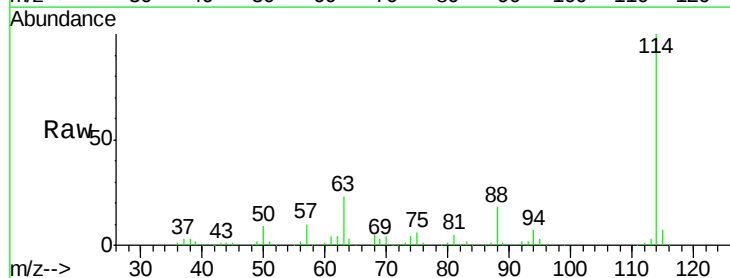
Manual Integrations
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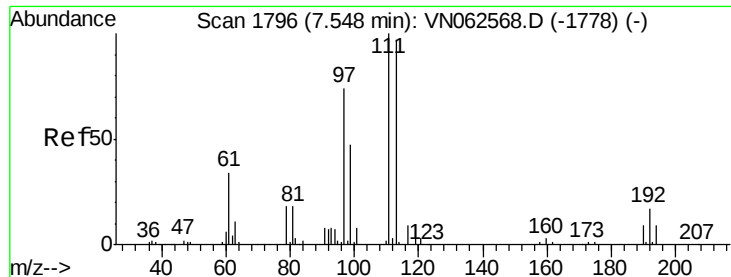
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	252453		
63	23.3	0.0	48.4	
88	17.7	0.0	33.8	





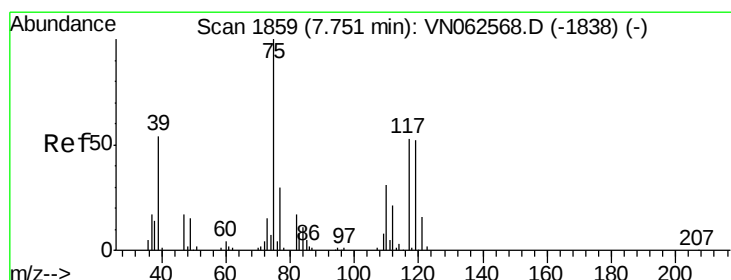
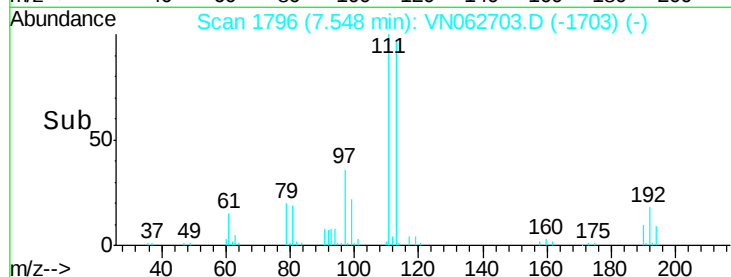
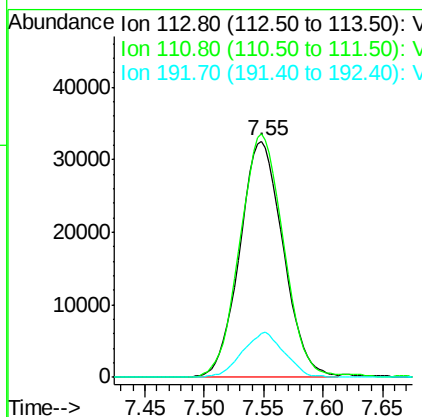
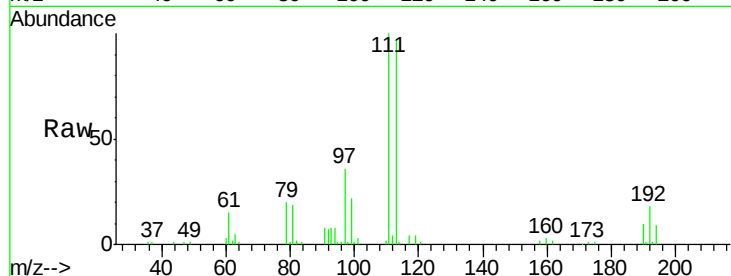
#35
 Dibromofluoromethane
 Concen: 49.718 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	18.5	14.8	22.2

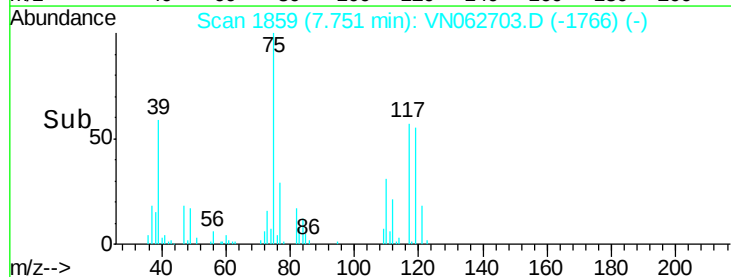
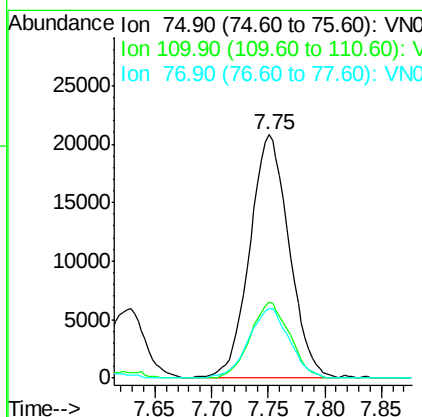
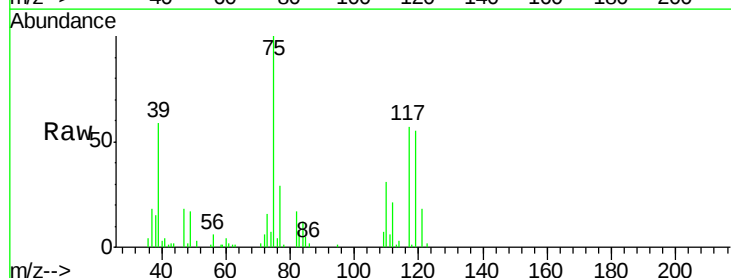
Manual Integrations
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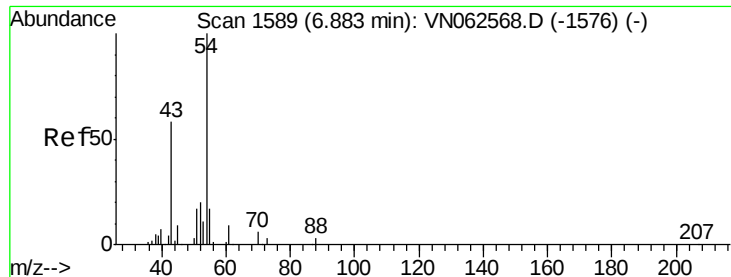
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#36
 1,1-Dichloropropene
 Concen: 18.729 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.0	48.0
77	29.8	24.6	36.8





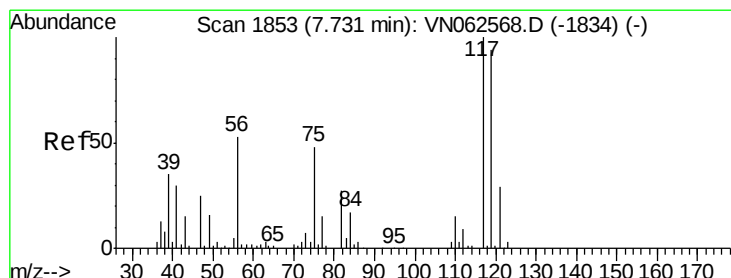
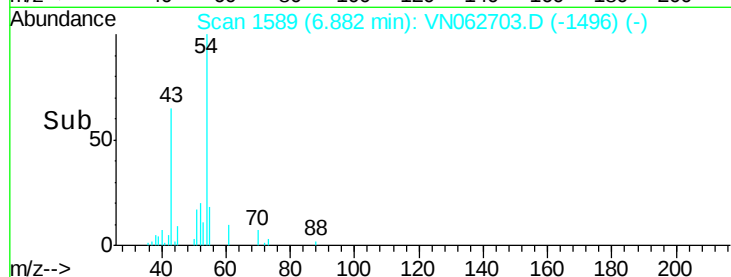
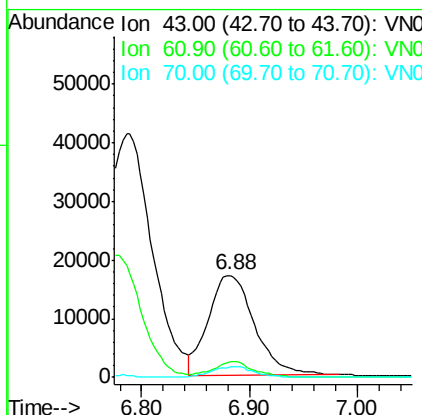
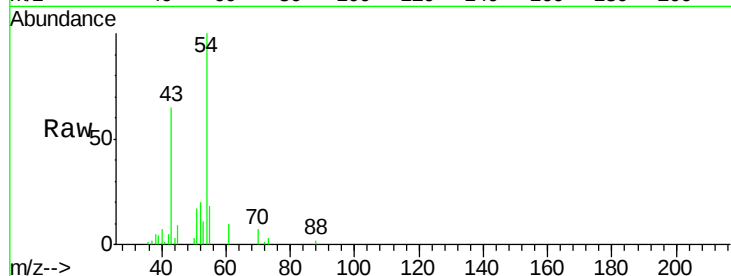
#37
Ethyl Acetate
Concen: 17.583 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampled :
VN0731WBSD02

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.8	11.3	16.9	
70	9.7	7.7	11.5	

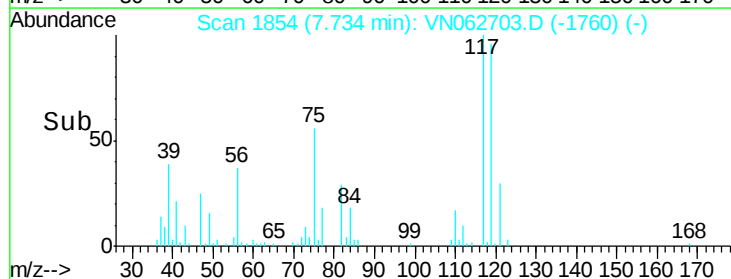
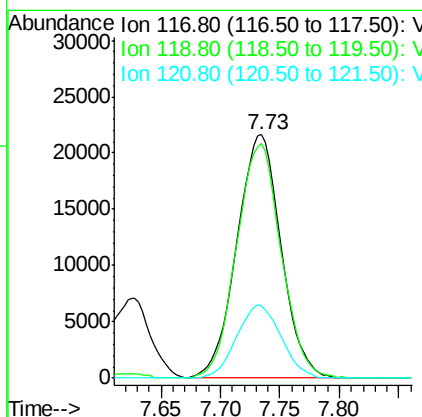
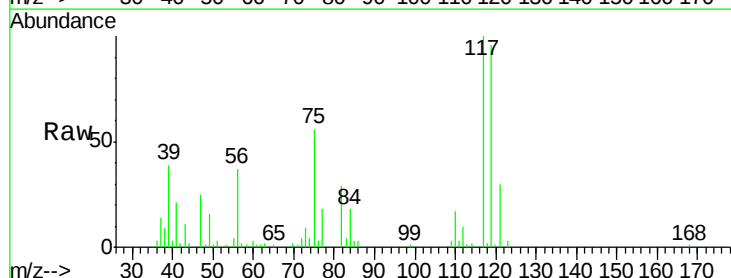
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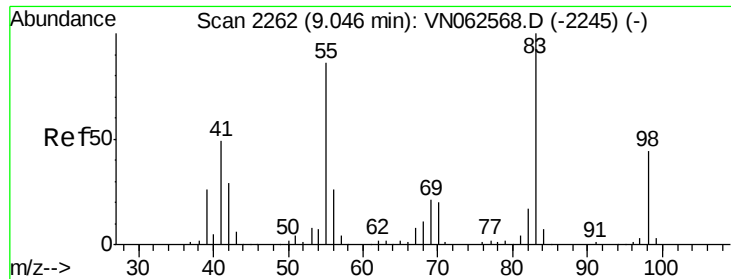
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#38
Carbon Tetrachloride
Concen: 21.537 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.3	74.8	112.2	
121	29.8	23.0	34.6	





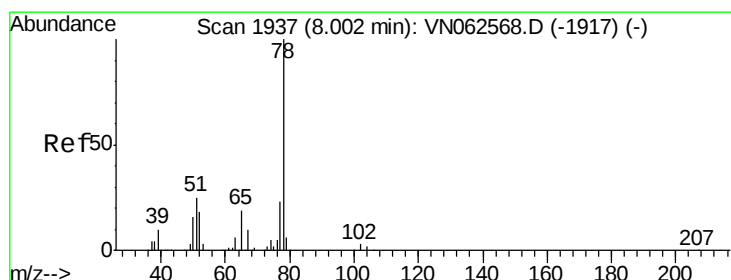
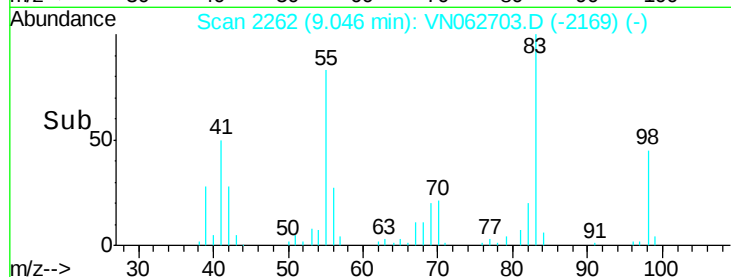
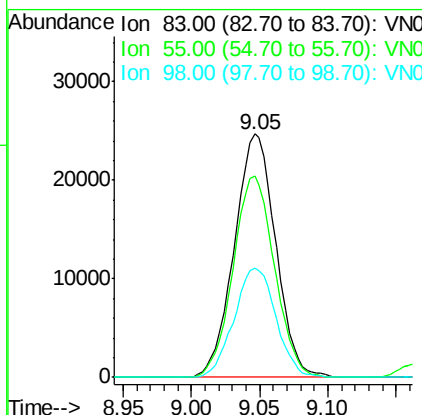
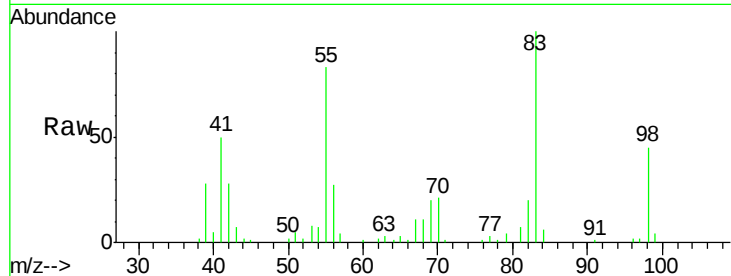
#39
Methvlcvclohexane
Concen: 17.935 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	68.9	103.3
98	44.6	35.1	52.7

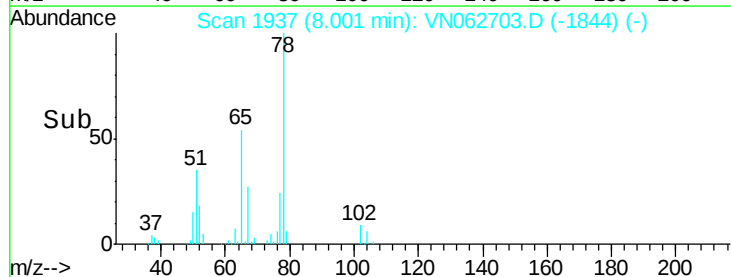
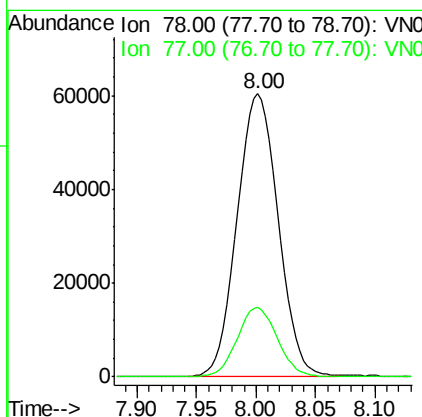
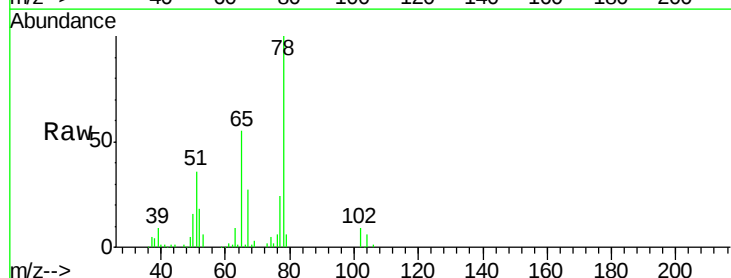
Manual Integrations
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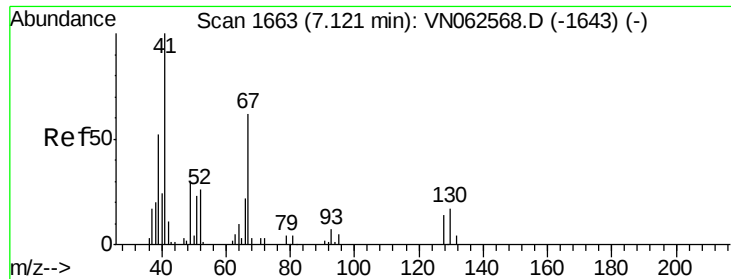
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#40
Benzene
Concen: 17.770 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.7	28.1





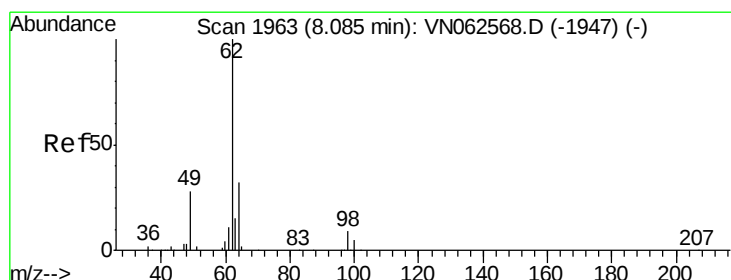
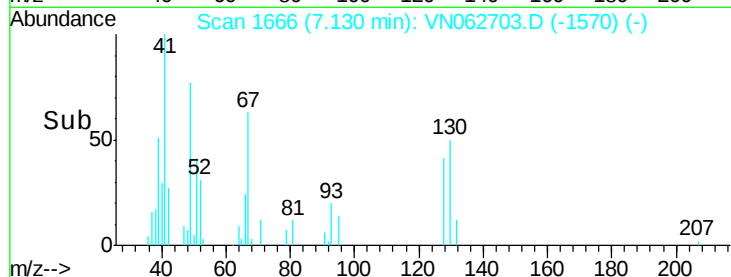
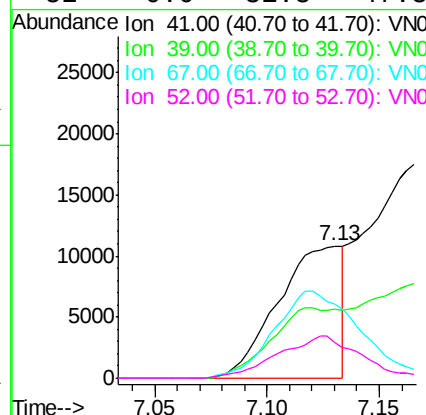
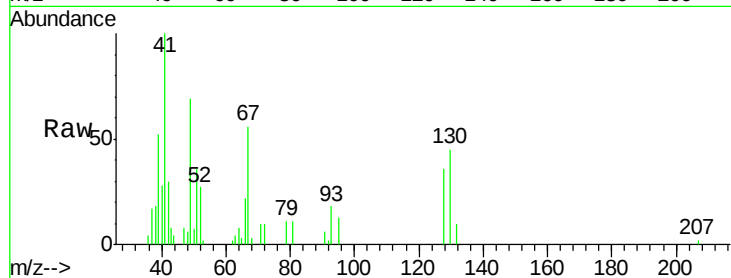
#41
Methacrylonitrile
Concen: 17.246 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

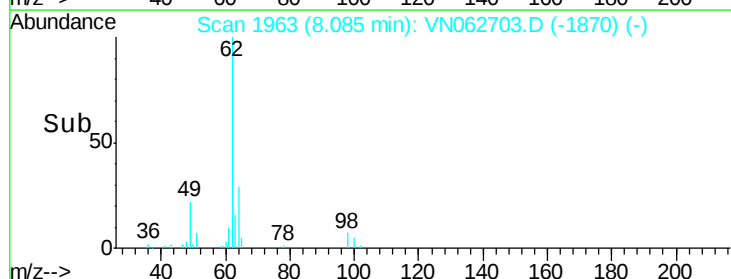
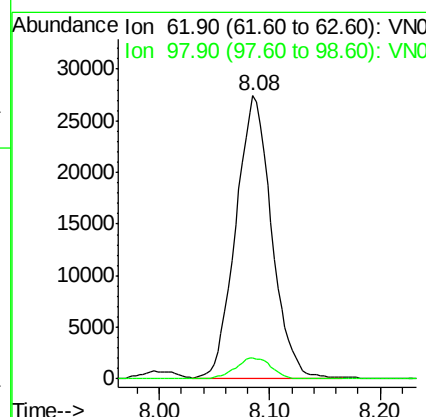
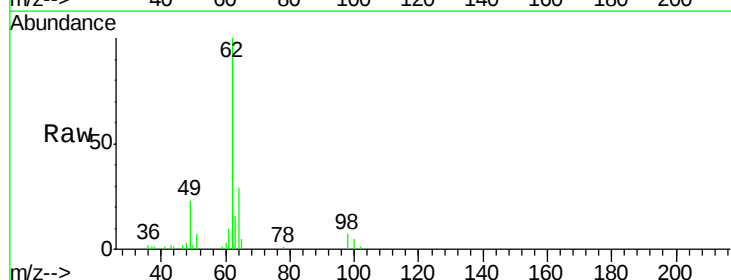
Manual Integrations
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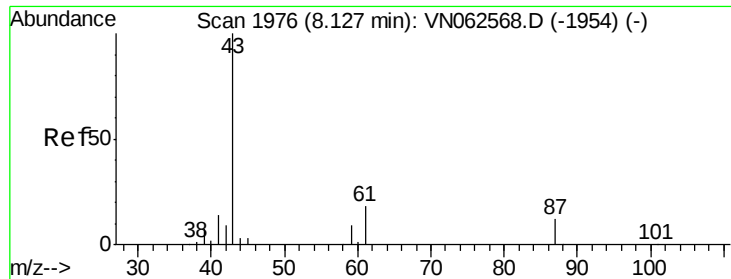
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.864 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.952 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

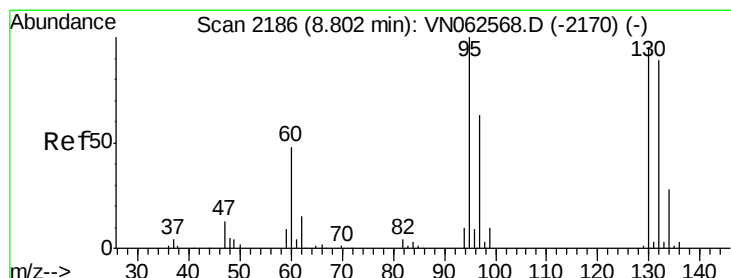
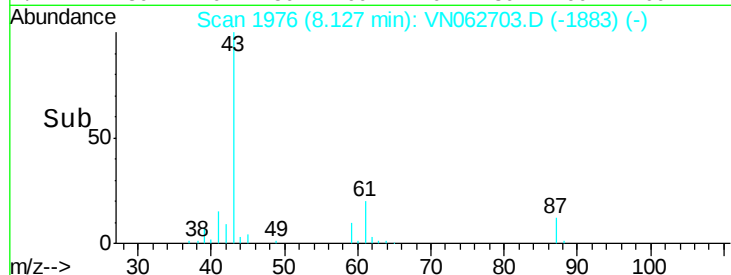
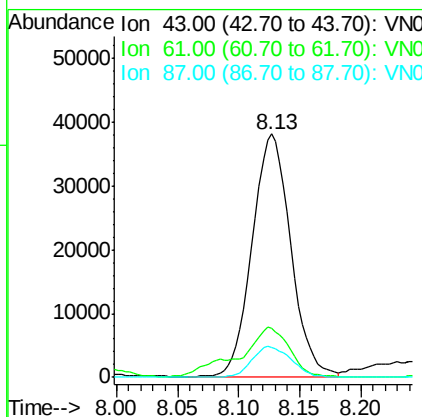
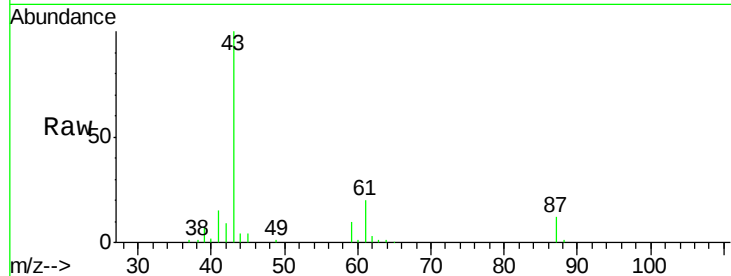
ClientSampleID :

VN0731WBSD02

Tot Ion:	43	Resp:	83945
Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.8	31.2#
87	12.7	9.2	13.8

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#44

Trichloroethene

Concen: 18.412 ug/l

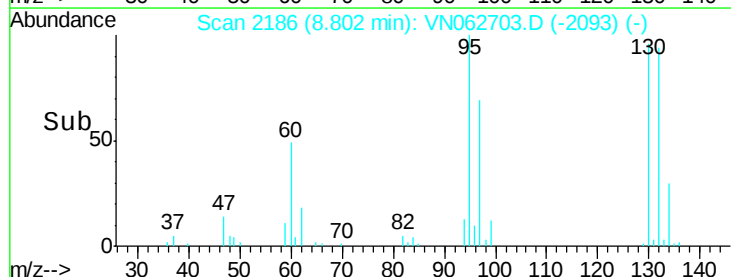
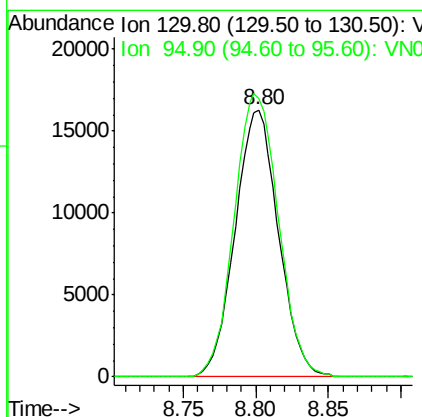
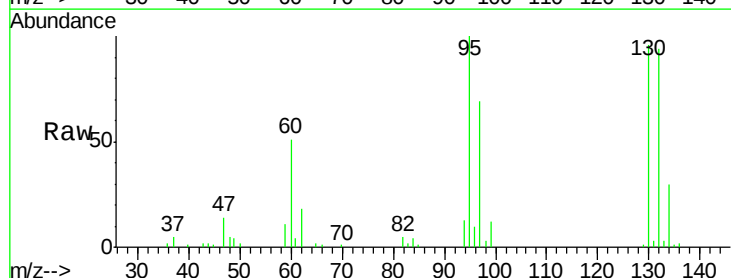
RT: 8.80 min Scan# 2186

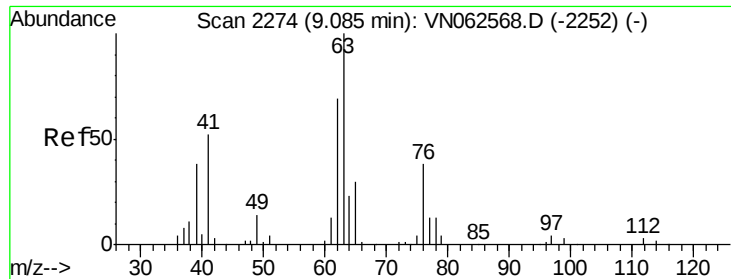
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	130	Resp:	33826
Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	210.4





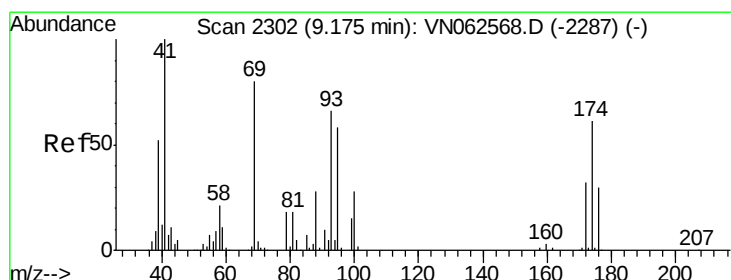
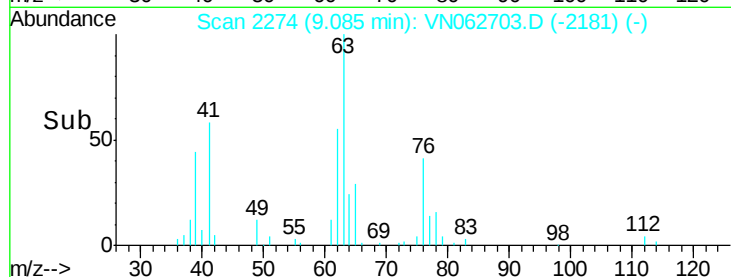
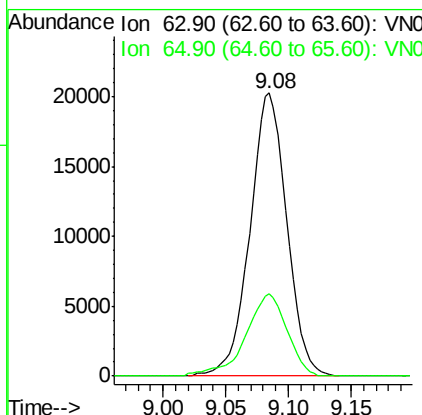
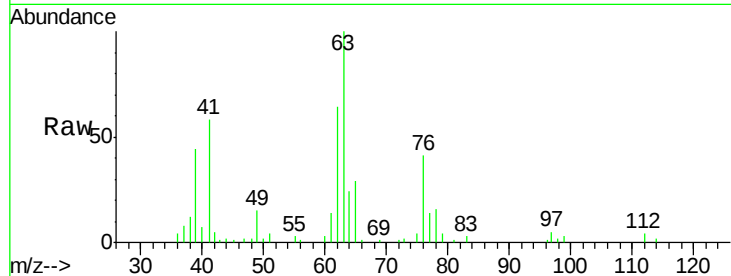
#45
 1,2-Dichloropropane
 Concen: 18.122 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion: 63 Resp: 41451
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.4 36.6

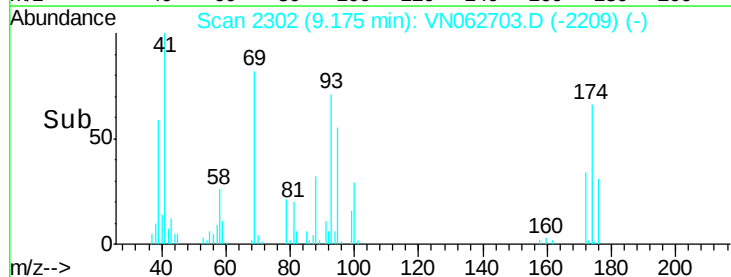
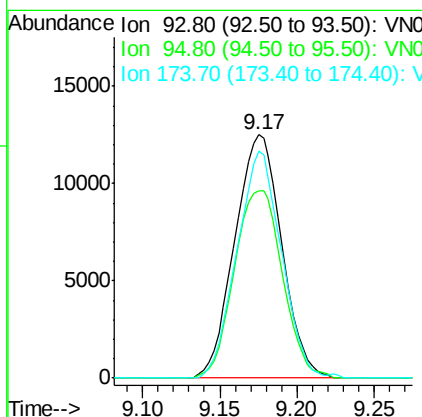
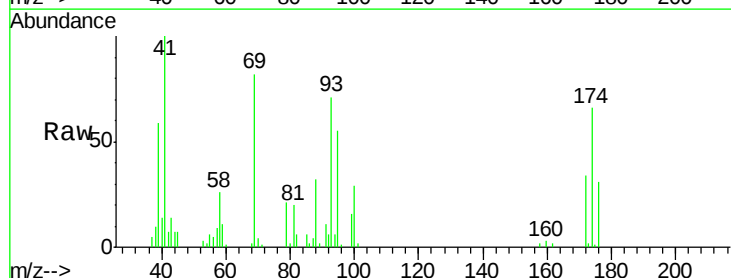
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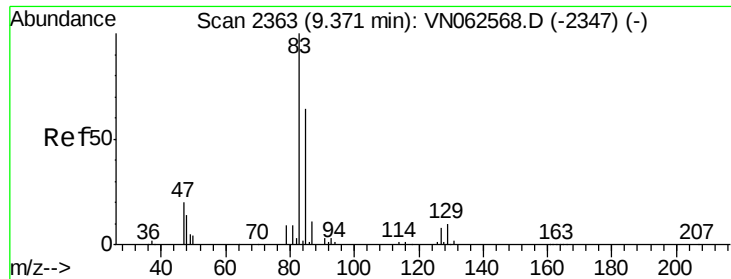
MMDadoda
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#46
 Dibromomethane
 Concen: 19.937 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 93 Resp: 26356
 Ion Ratio Lower Upper
 93 100
 95 79.3 67.6 101.4
 174 88.8 72.5 108.7





#47

Bromodichloromethane

Concen: 19.837 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

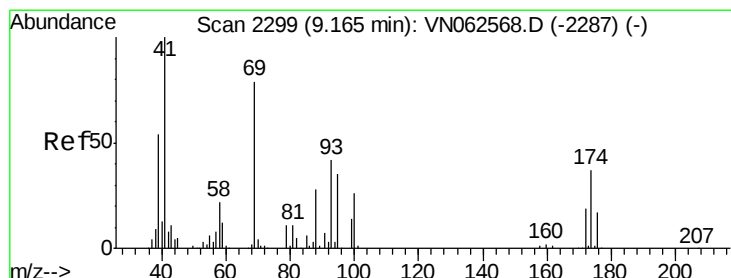
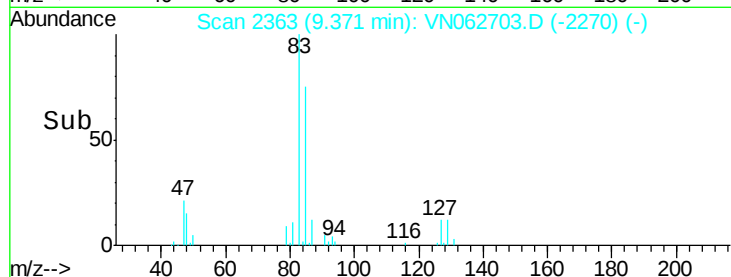
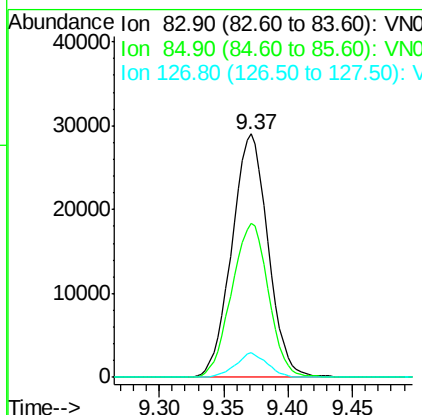
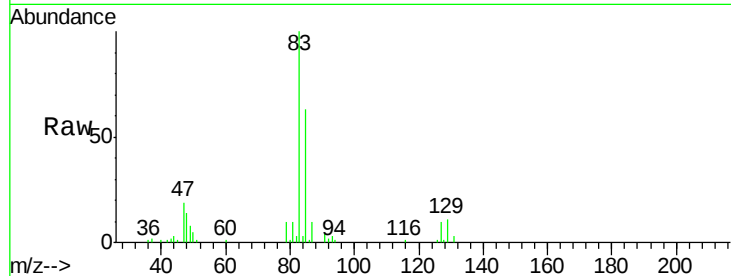
ClientSampleId :

VN0731WBSD02

Tot Ion:	83	Resp:	56815
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4
127	10.2	6.2	9.2#

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.075 ug/l

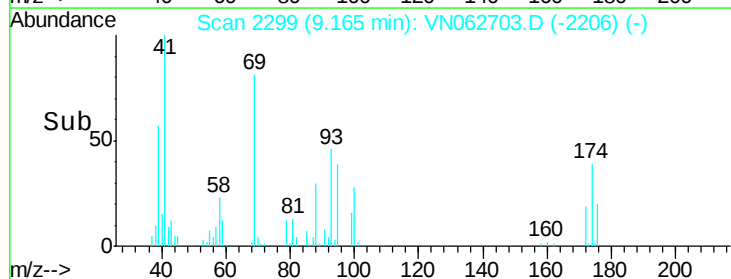
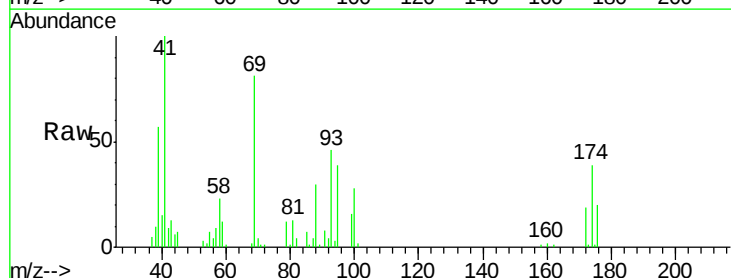
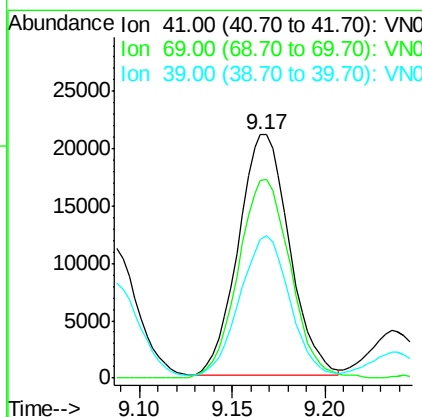
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	41	Resp:	40177
Ion	Ratio	Lower	Upper
41	100		
69	84.2	64.4	96.6
39	56.5	43.5	65.3





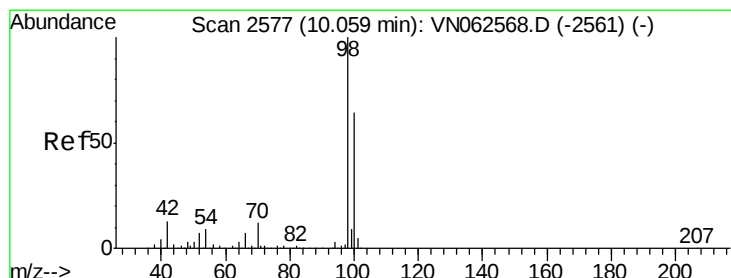
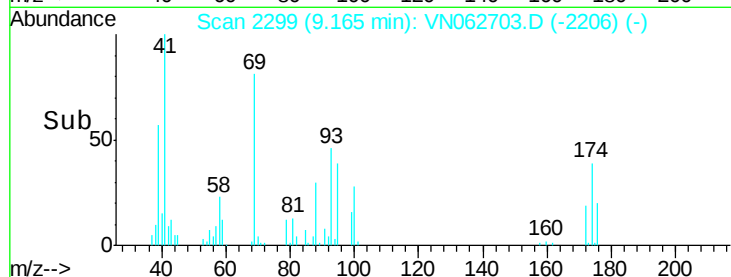
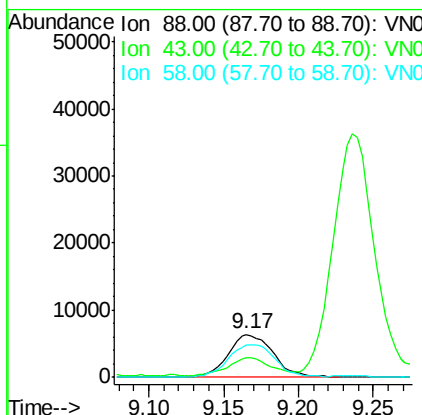
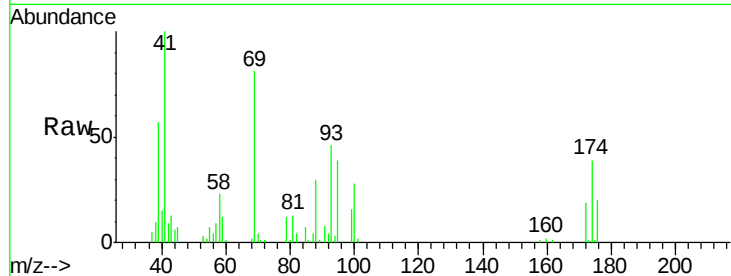
#49
1,4-Dioxane
Concen: 390.891 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	32.0	48.0
58	80.1	62.8	94.2

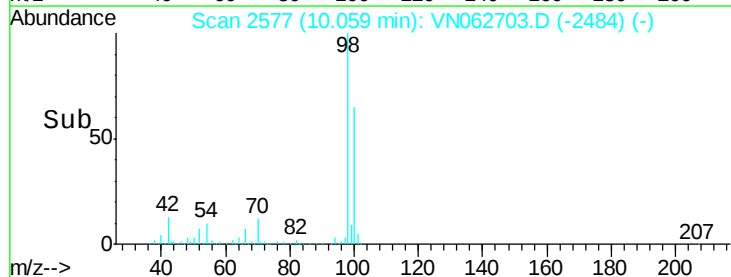
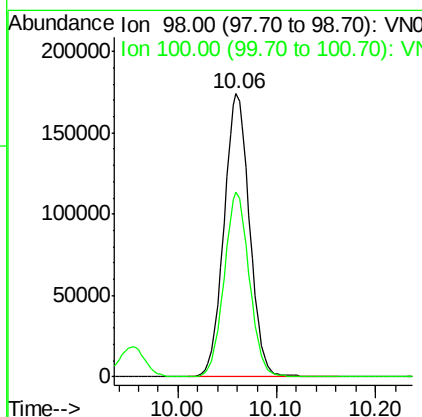
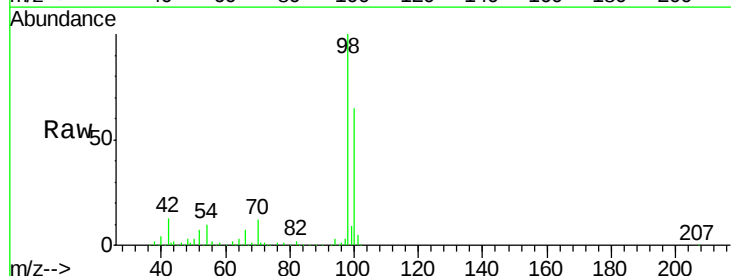
Manual Integrations
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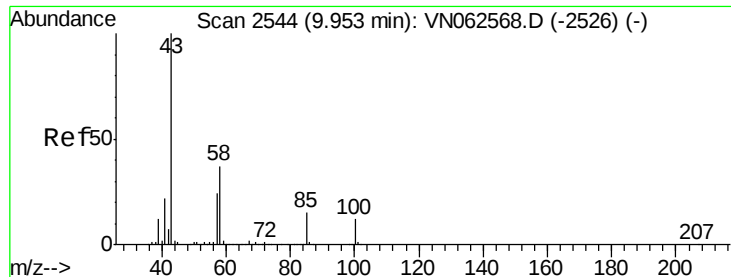
MMDadoda
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#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 93.995 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 43 Resp: 262985

Ion Ratio Lower Upper

43 100

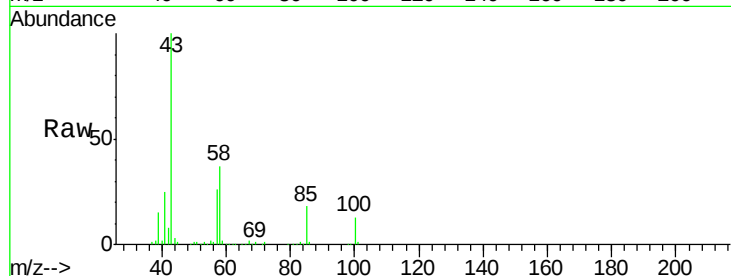
58 37.1 29.8 44.6

Manual Integrations

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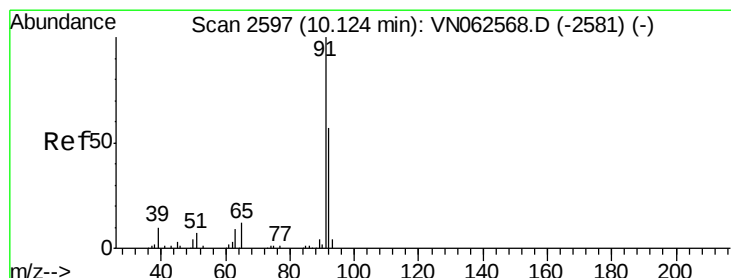
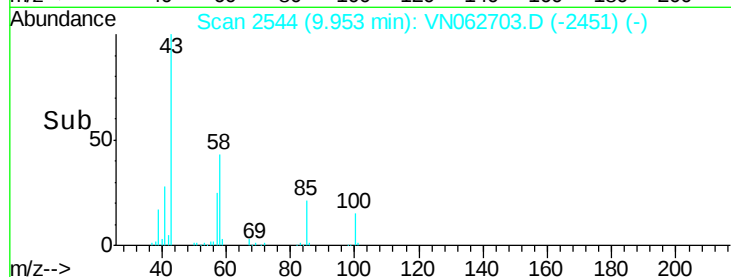
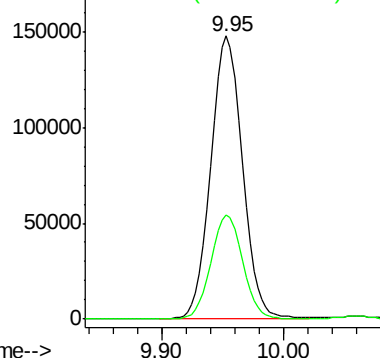
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.758 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062703.D

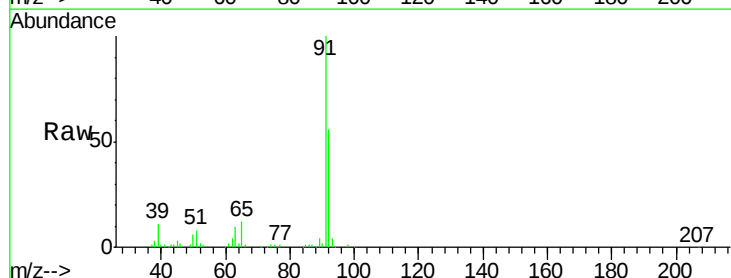
Acq: 31 Jul 2020 23:09

Tgt Ion: 92 Resp: 88735

Ion Ratio Lower Upper

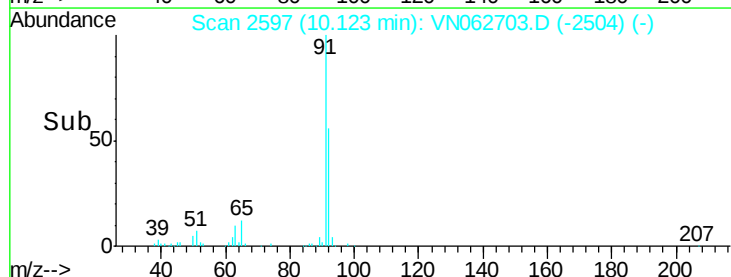
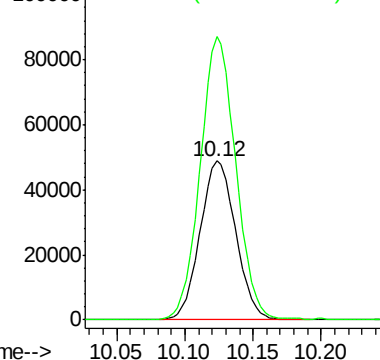
92 100

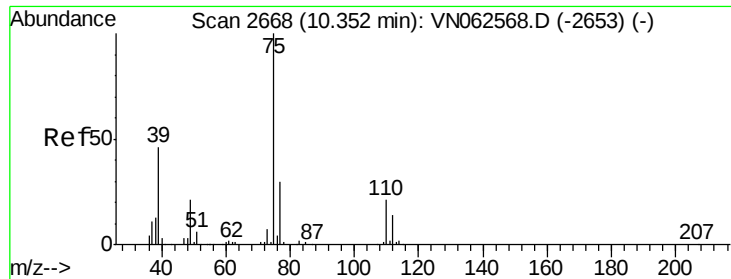
91 177.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





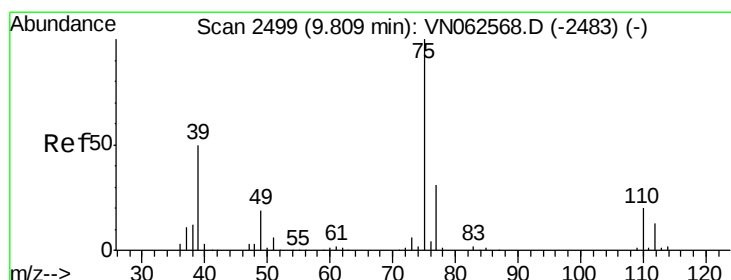
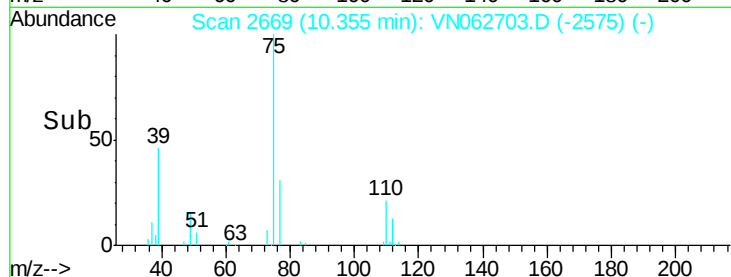
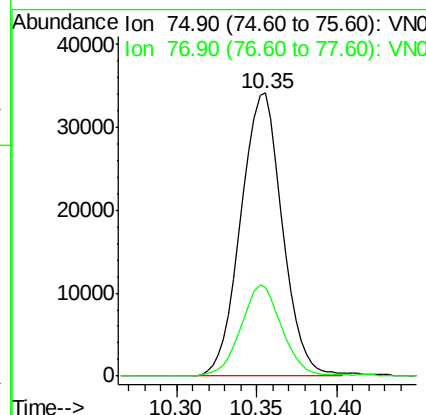
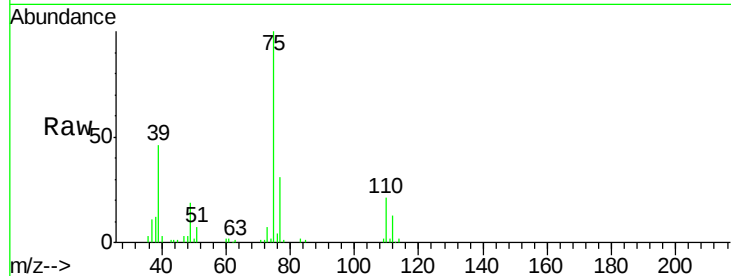
#53
t-1,3-Dichloropropene
Concen: 18.960 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.3	36.5

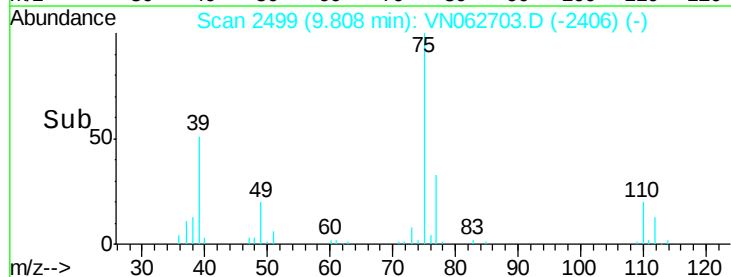
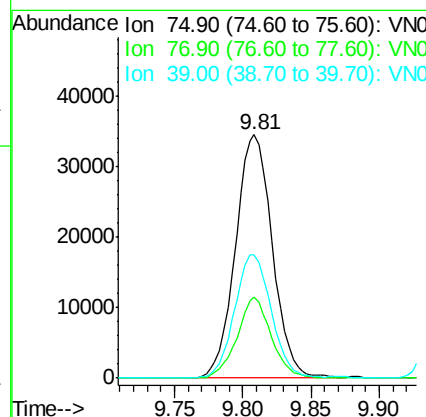
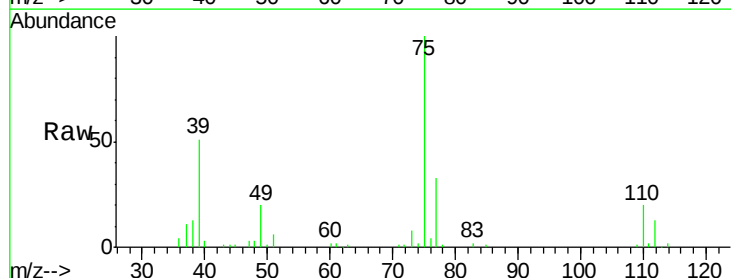
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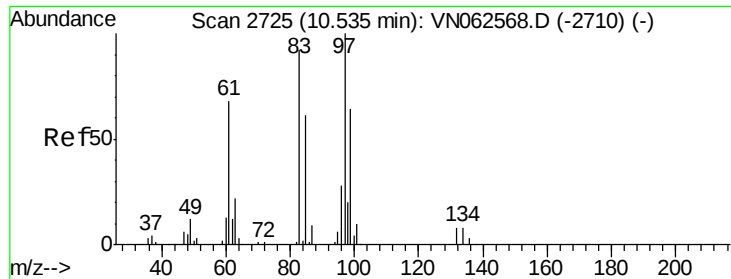
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#54
cis-1,3-Dichloropropene
Concen: 18.897 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.0	37.6
39	50.7	39.8	59.8





#55

1,1,2-Trichloroethane

Concen: 19.425 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

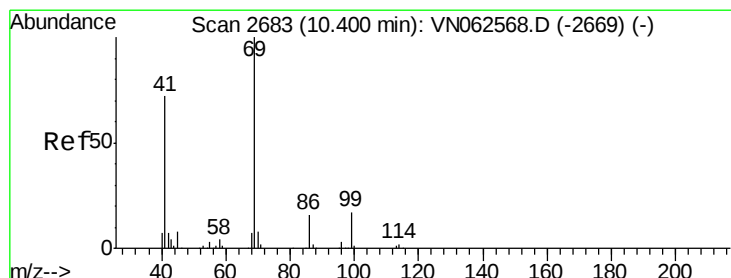
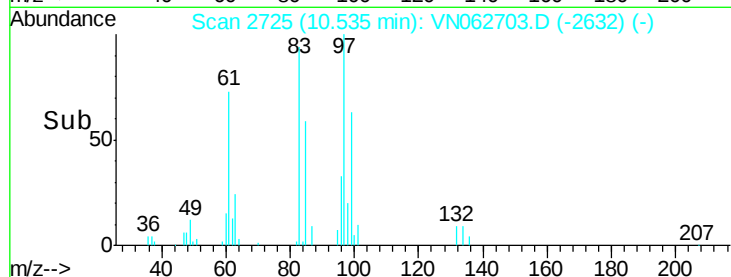
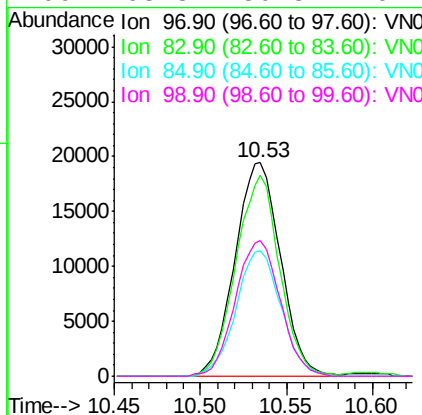
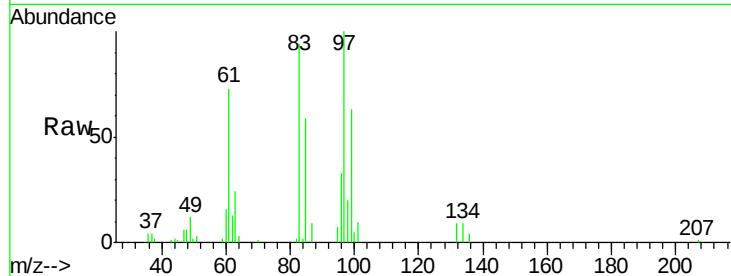
ClientSampleId :

VN0731WBSD02

Tot Ion:	97	Resp:	35642
Ion	Ratio	Lower	Upper
97	100		
83	94.0	73.7	110.5
85	58.9	48.5	72.7
99	63.3	50.8	76.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.050 ug/l

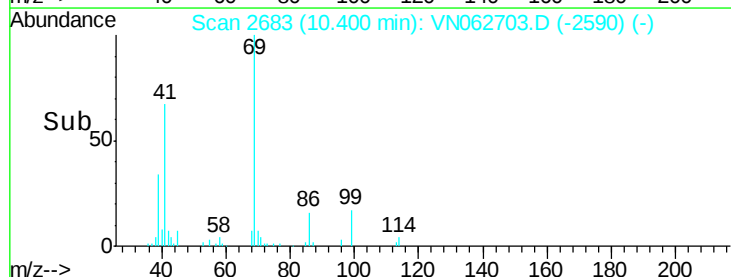
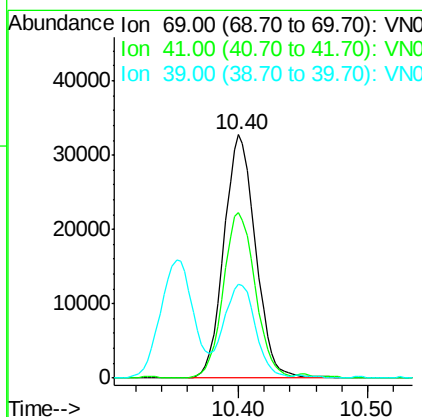
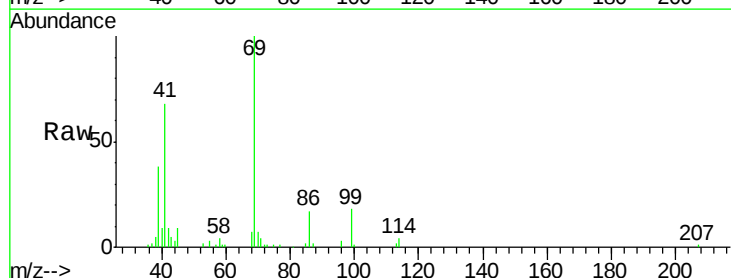
RT: 10.40 min Scan# 2683

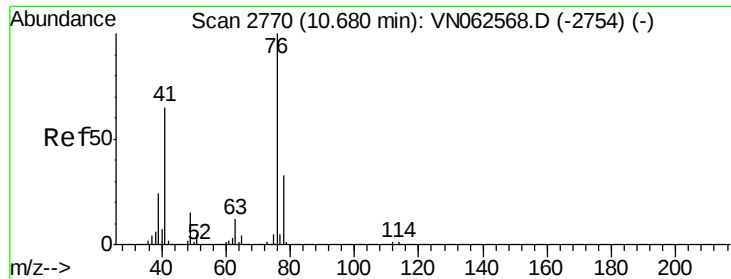
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	69	Resp:	55608
Ion	Ratio	Lower	Upper
69	100		
41	69.1	57.2	85.8
39	37.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.634 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampled :

VN0731WBSD02

Tot Ion: 76 Resp: 62640

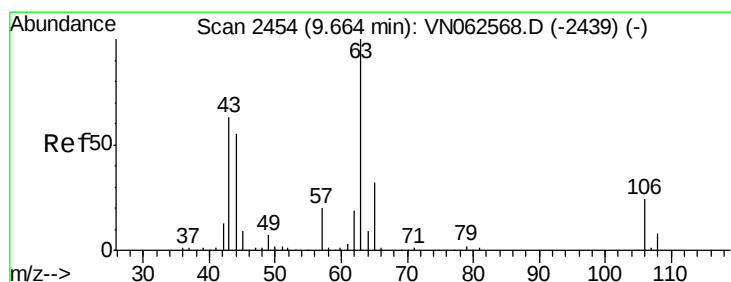
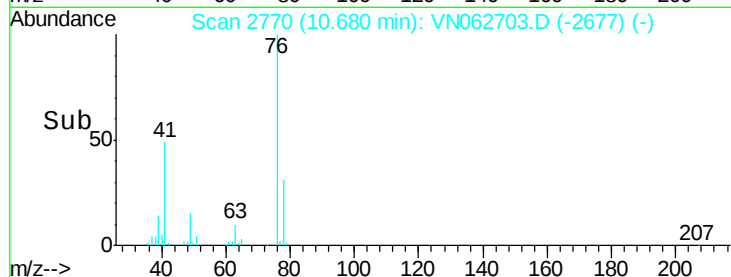
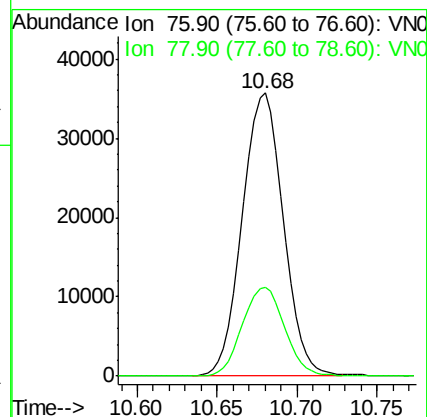
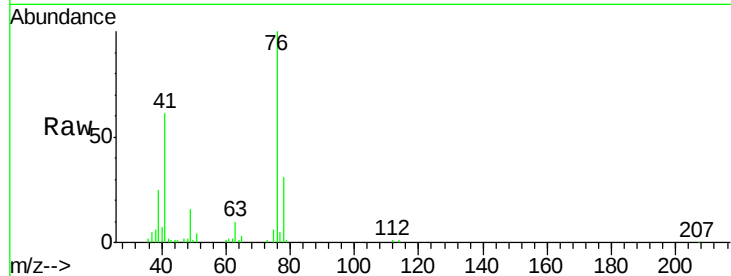
Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 95.199 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062703.D

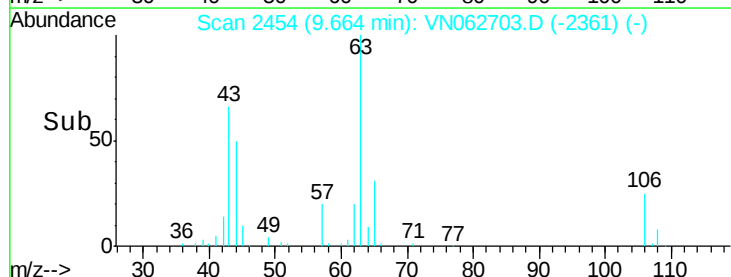
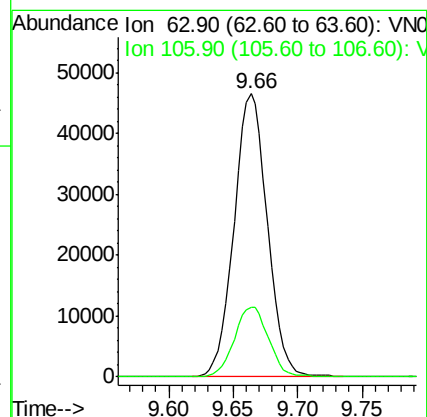
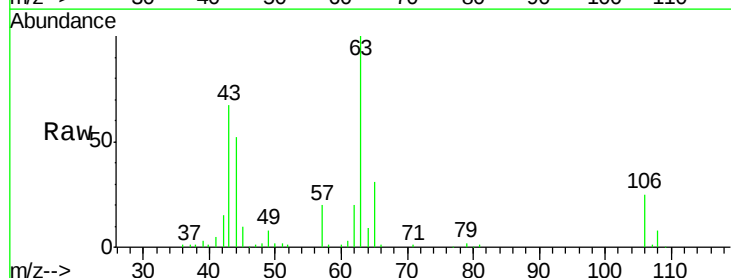
Acq: 31 Jul 2020 23:09

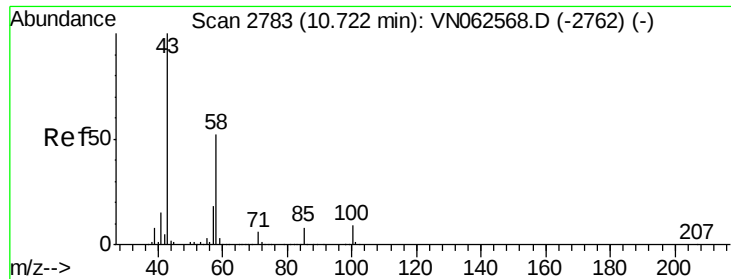
Tgt Ion: 63 Resp: 83533

Ion Ratio Lower Upper

63 100

106 25.3 18.9 28.3





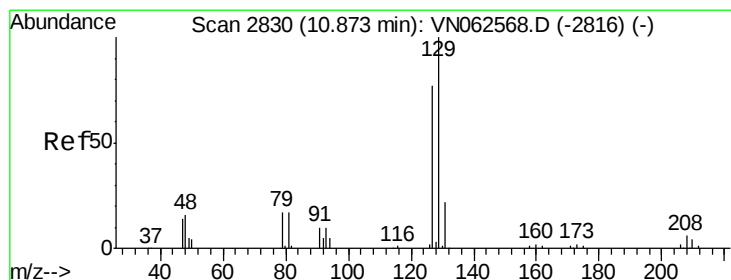
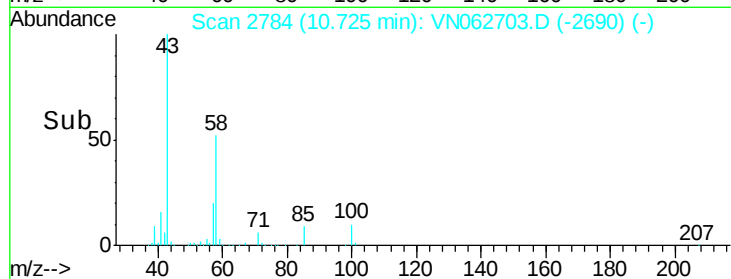
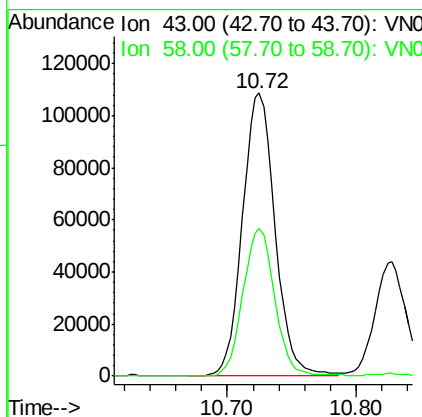
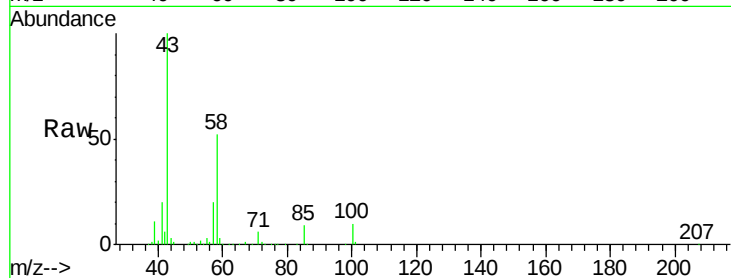
#59
2-Hexanone
Concen: 89.644 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 43 Resp: 189813
Ion Ratio Lower Upper
43 100
58 51.4 26.0 78.0

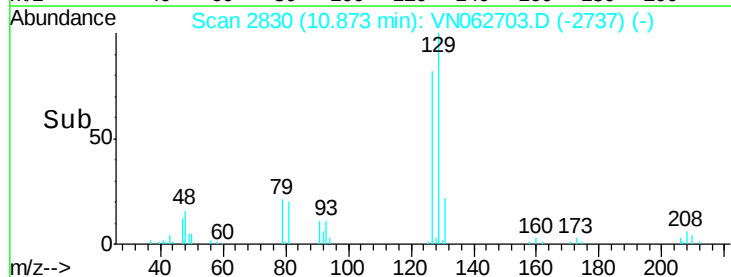
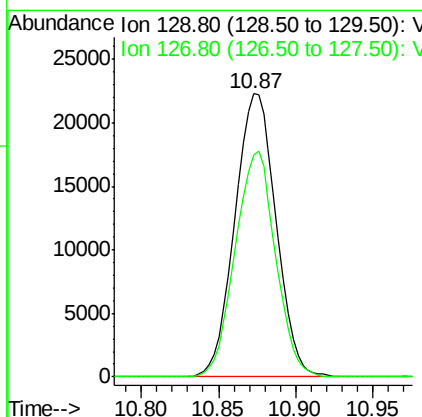
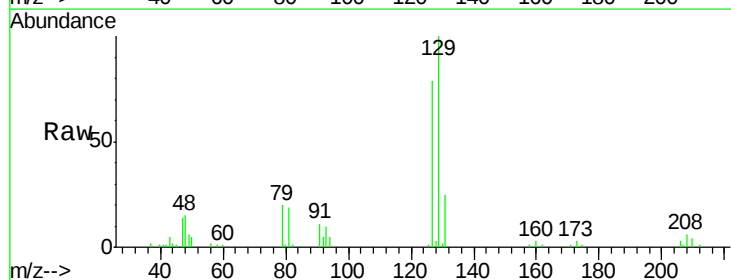
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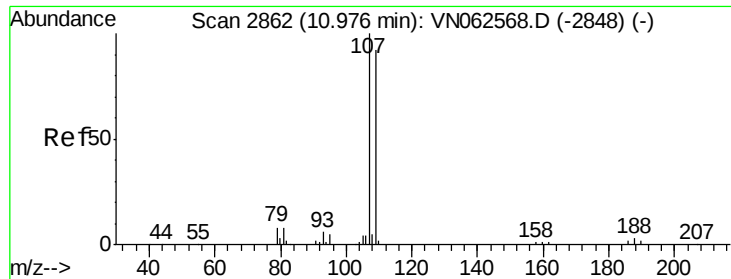
MMDadoda
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#60
Dibromochloromethane
Concen: 20.169 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 129 Resp: 41285
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9





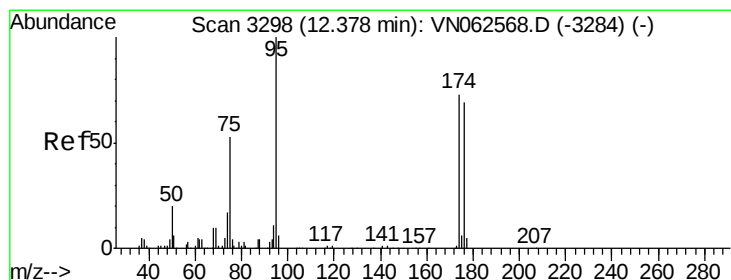
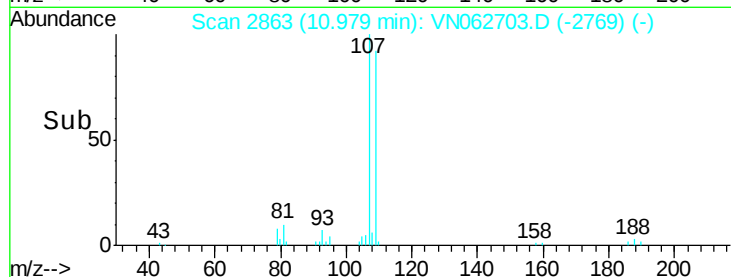
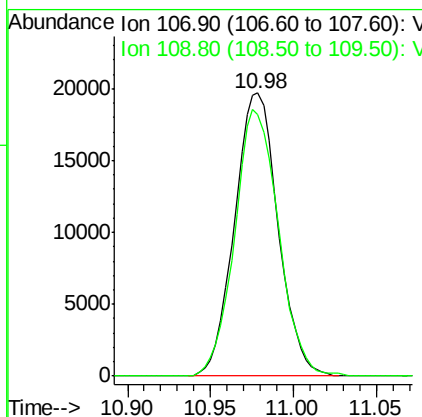
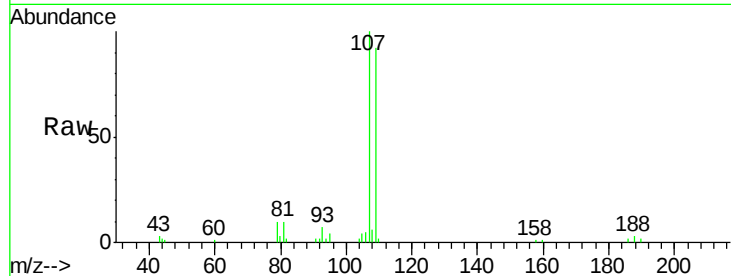
#61
 1,2-Dibromoethane
 Concen: 18.786 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion: 107 Resp: 35893
 Ion Ratio Lower Upper
 107 100
 109 94.9 73.8 110.6

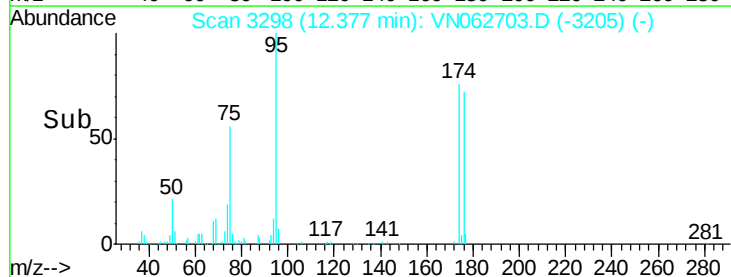
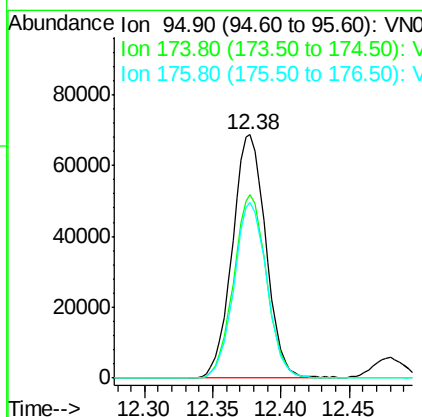
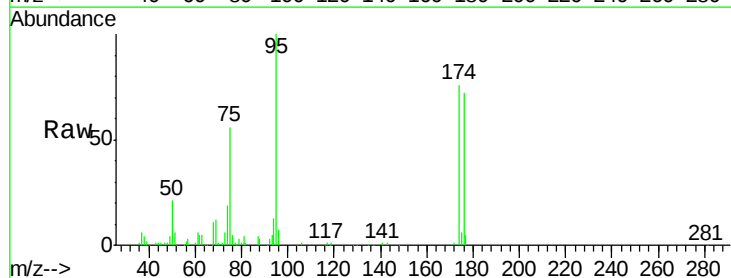
Manual Integrations
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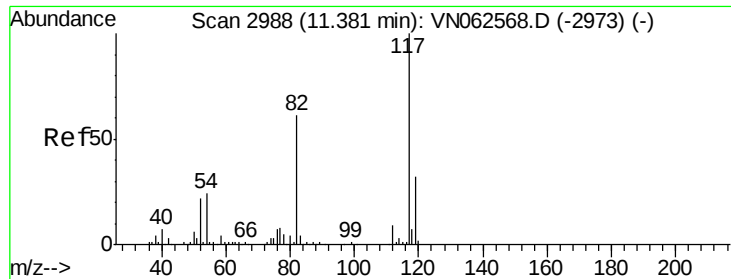
MMDadoda
 8/3/2020 5:03:19 PM



#62
 4-Bromofluorobenzene
 Concen: 48.332 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 95 Resp: 116926
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 144.6
 176 70.5 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

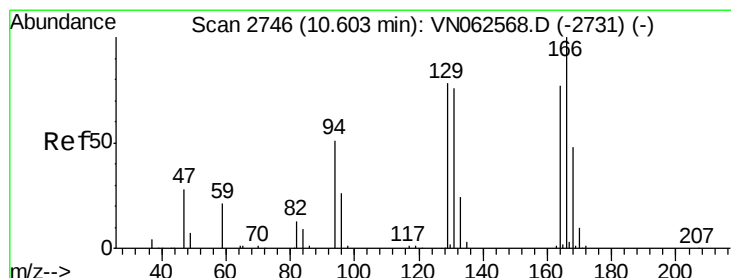
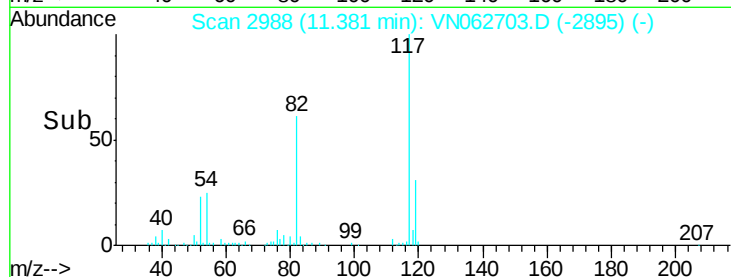
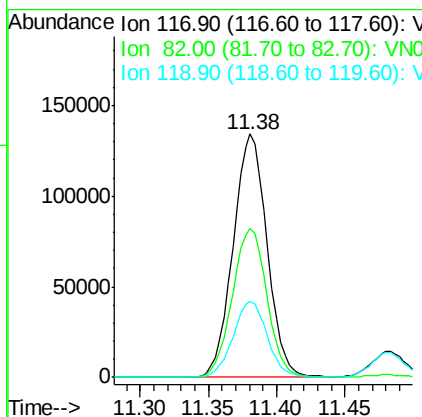
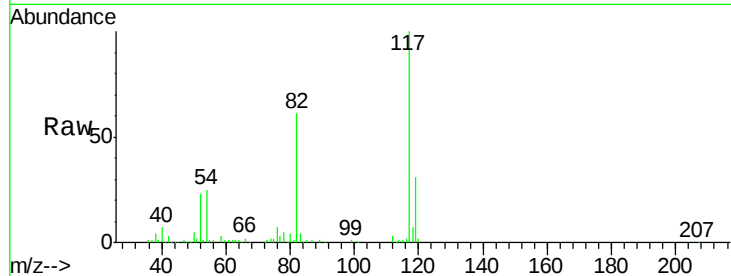
ClientSampleId :

VN0731WBSD02

Tot Ion:	117	Resp:	231850
Ion Ratio		Lower	Upper
117	100		
82	61.1	49.0	73.6
119	31.2	25.4	38.2

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#64

Tetrachloroethene

Concen: 19.620 ug/l

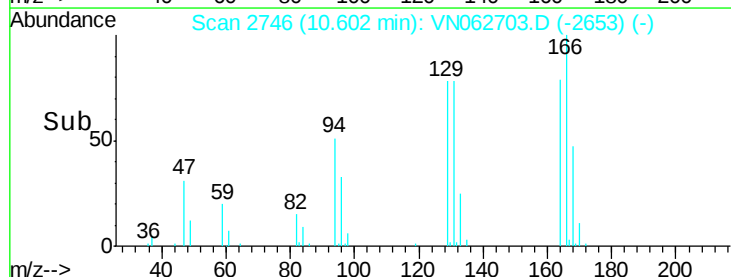
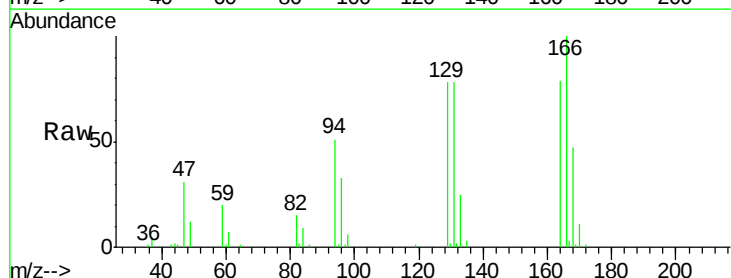
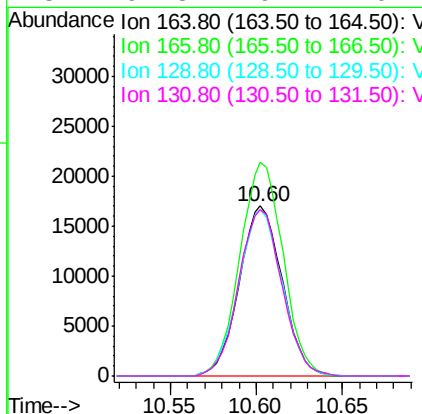
RT: 10.60 min Scan# 2746

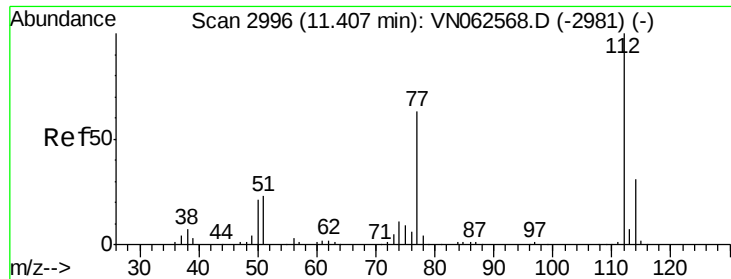
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	164	Resp:	29556
Ion Ratio		Lower	Upper
164	100		
166	125.8	104.4	156.6
129	98.3	81.0	121.4
131	97.8	79.4	119.2





#65

Chlorobenzene

Concen: 19.135 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion:112 Resp: 93008

Ion Ratio Lower Upper

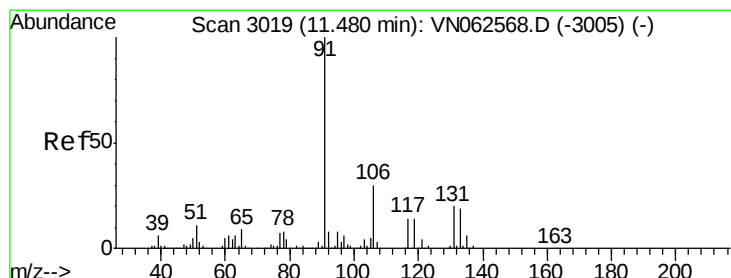
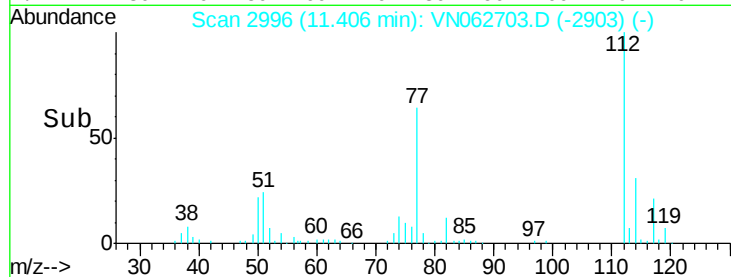
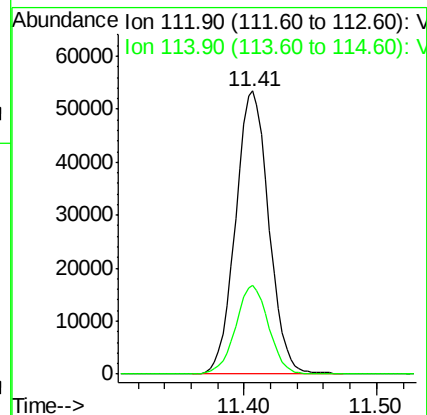
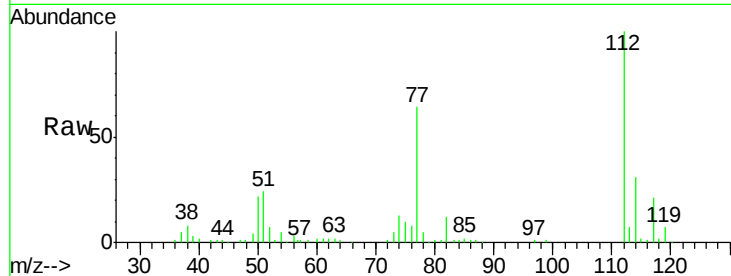
112 100

114 31.3 25.1 37.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.077 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

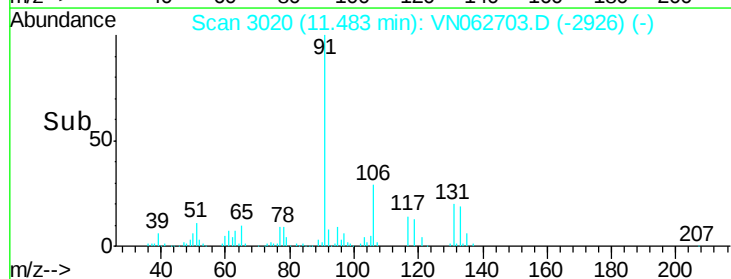
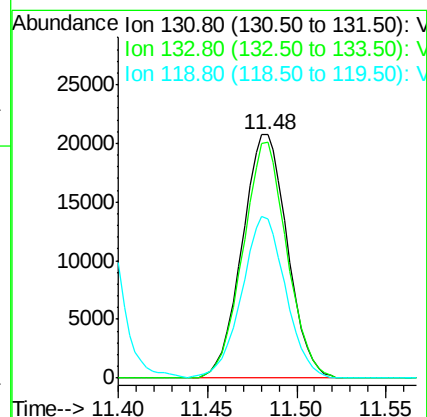
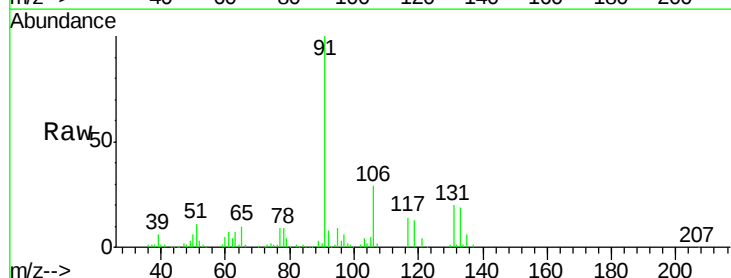
Tgt Ion:131 Resp: 36712

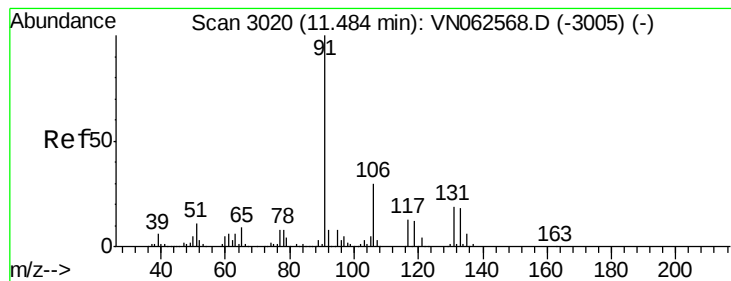
Ion Ratio Lower Upper

131 100

133 94.2 47.3 142.0

119 64.4 33.7 101.0





#67

Ethyl Benzene

Concen: 19.133 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 91 Resp: 170509

Ion Ratio Lower Upper

91 100

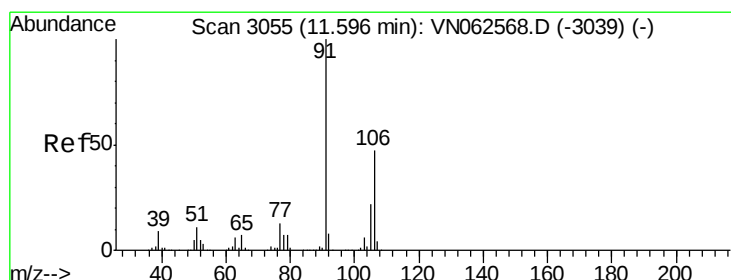
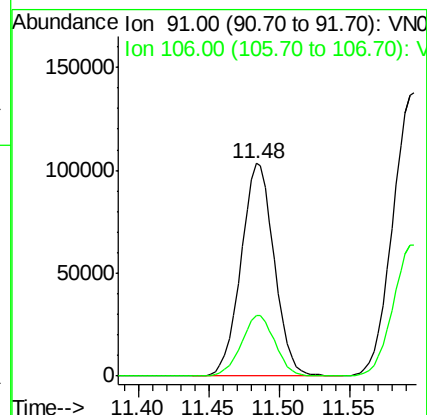
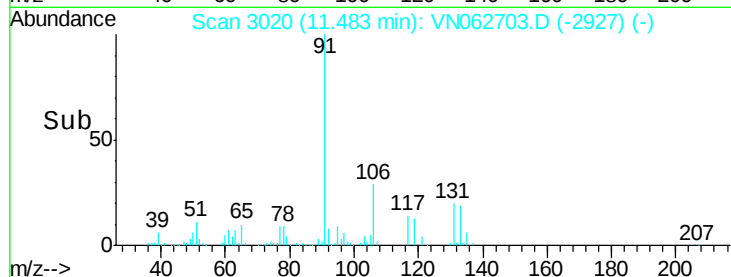
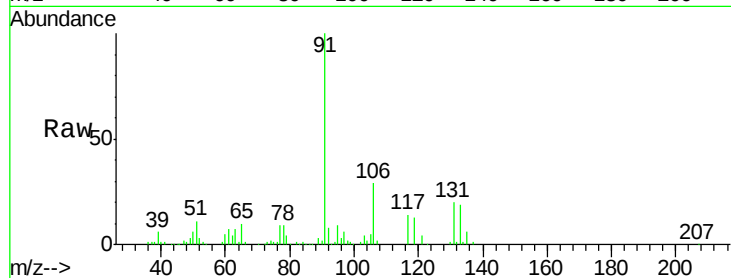
106 28.5 23.8 35.8

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#68

m/p-Xylenes

Concen: 38.724 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062703.D

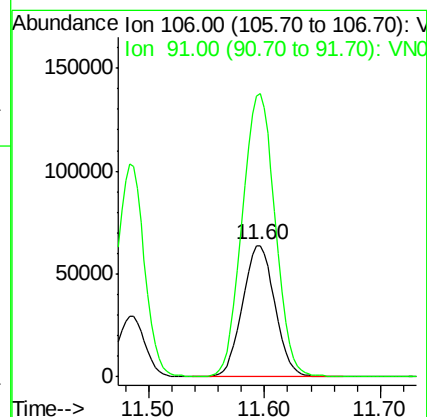
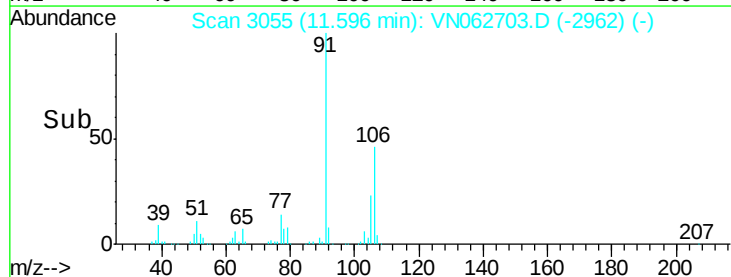
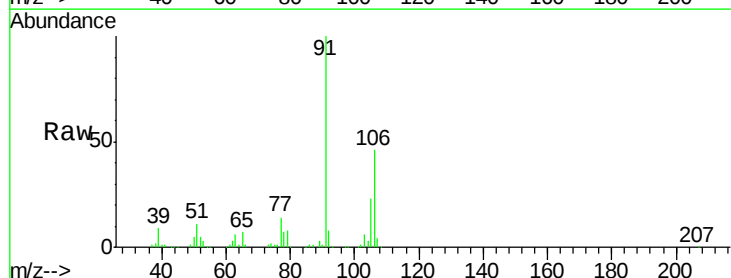
Acq: 31 Jul 2020 23:09

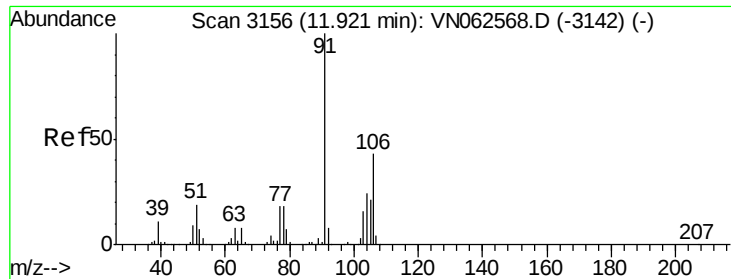
Tgt Ion: 106 Resp: 124042

Ion Ratio Lower Upper

106 100

91 218.5 171.4 257.2





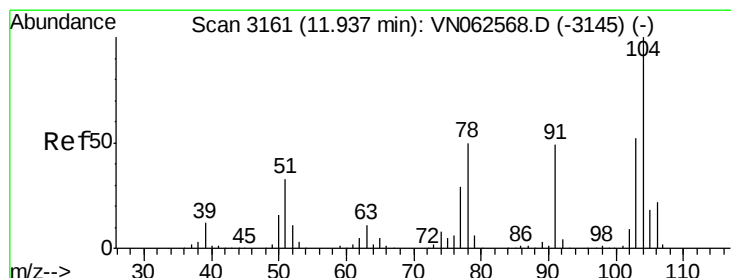
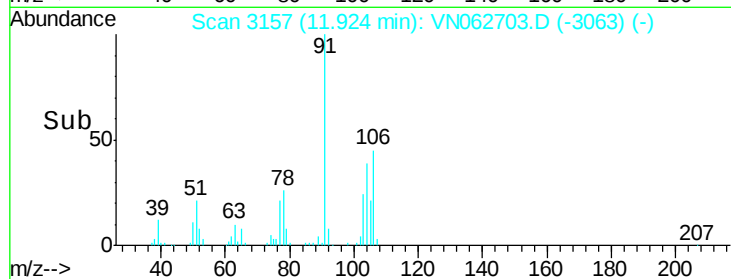
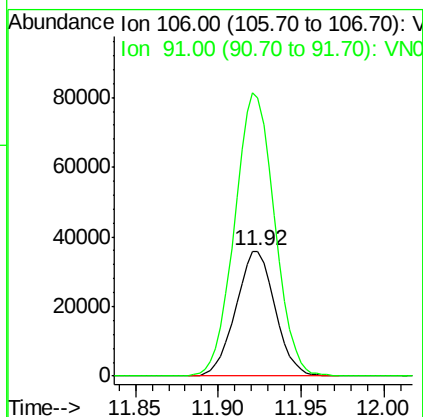
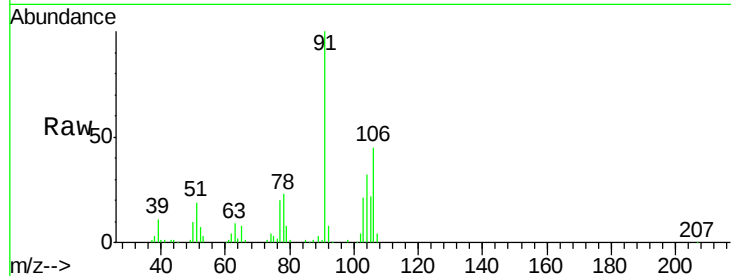
#69
o-Xylene
Concen: 19.437 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampled :
VN0731WBSD02

Tot Ion:106 Resp: 59124
Ion Ratio Lower Upper
106 100
91 230.4 113.8 341.2

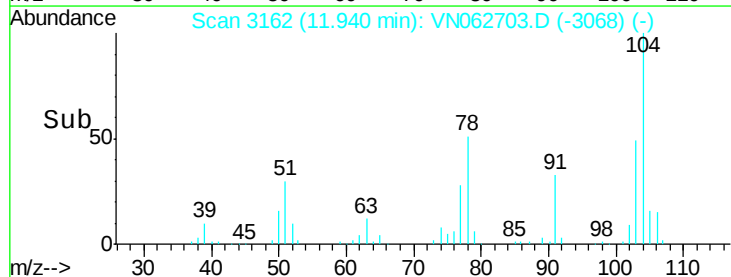
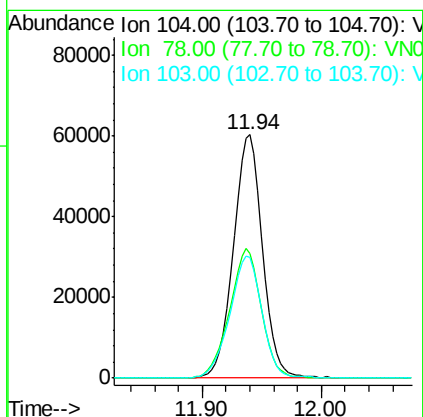
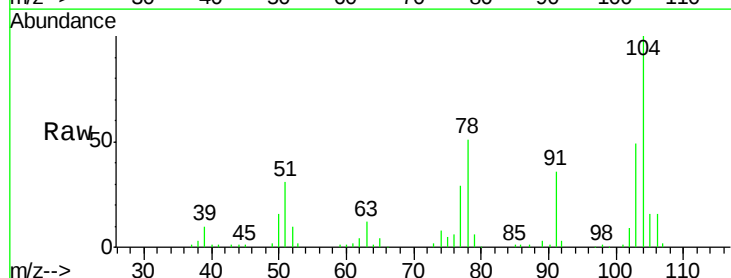
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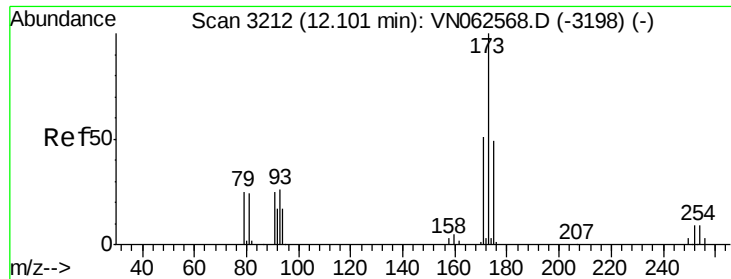
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#70
Styrene
Concen: 19.918 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion:104 Resp: 102342
Ion Ratio Lower Upper
104 100
78 57.9 43.8 65.6
103 55.3 44.0 66.0





#71

Bromoform

Concen: 20.611 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

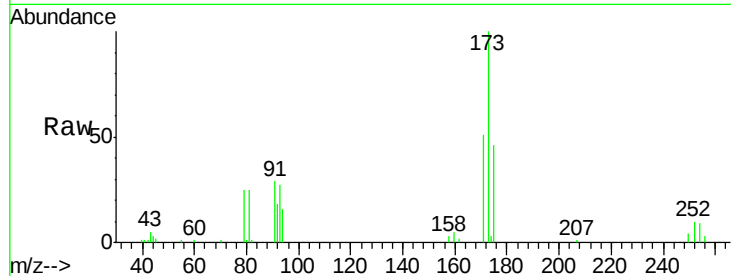
ClientSampleId :

VN0731WBSD02

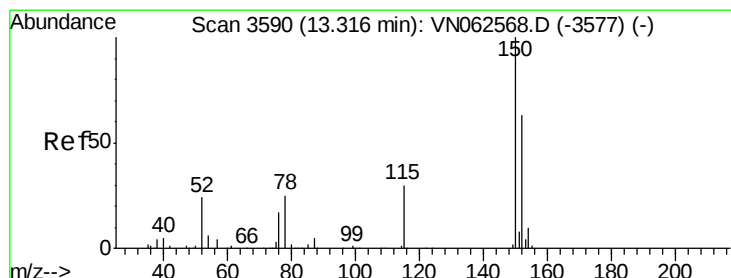
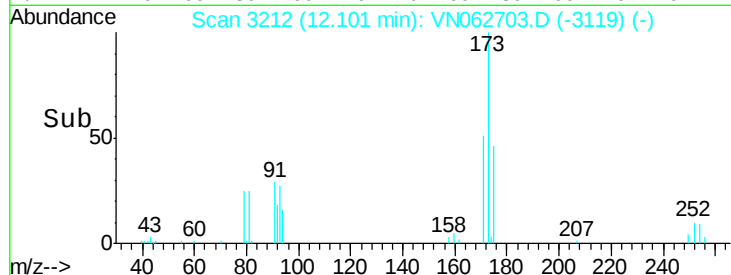
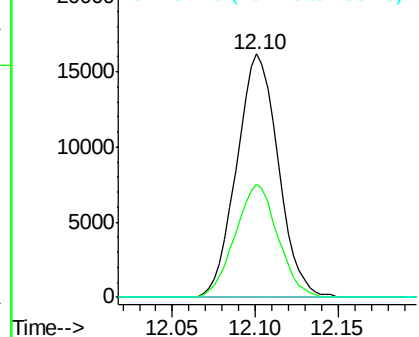
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.1	72.2
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

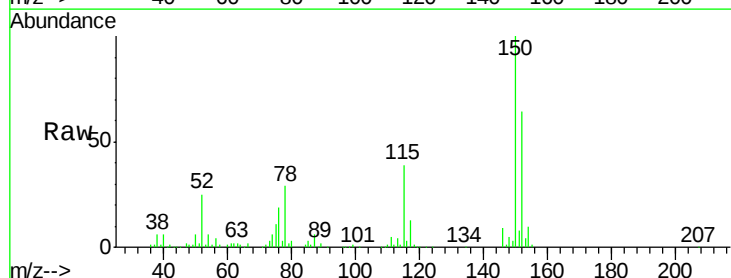
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

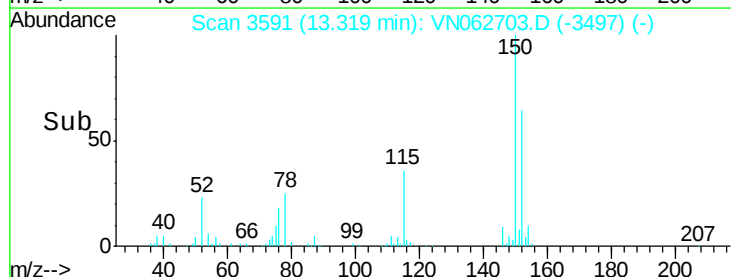
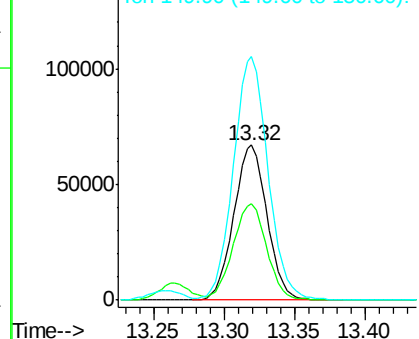
Lab File: VN062703.D

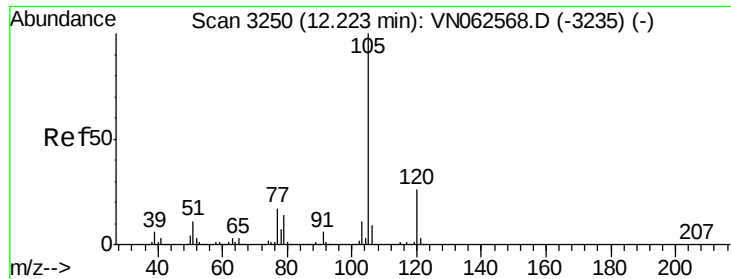
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.8	95.4
150	163.1	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.794 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 105 Resp: 164320

Ion Ratio Lower Upper

105 100

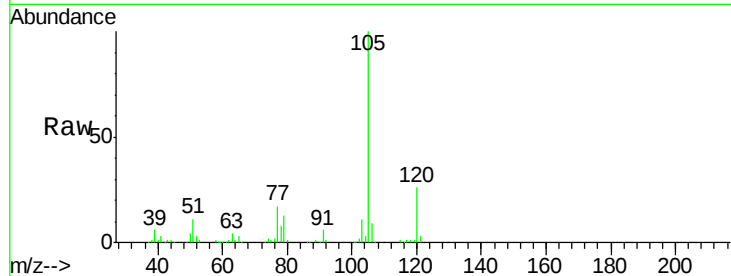
120 25.8 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

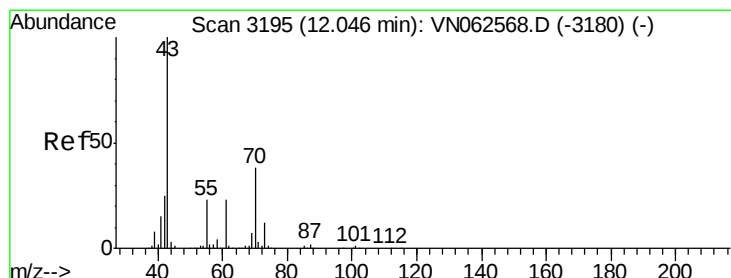
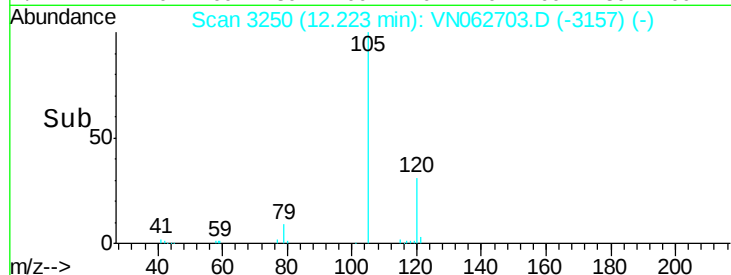
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.874 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion: 43 Resp: 69793

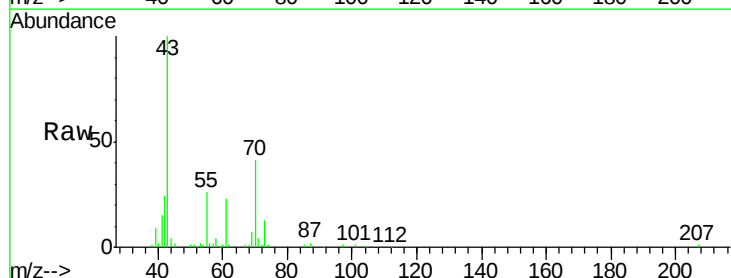
Ion Ratio Lower Upper

43 100

70 41.6 30.5 45.7

55 25.5 19.0 28.6

61 23.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

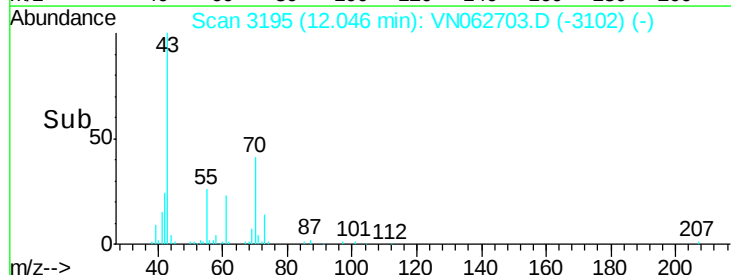
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.057 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

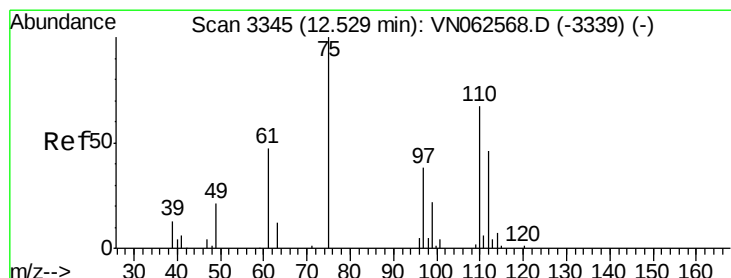
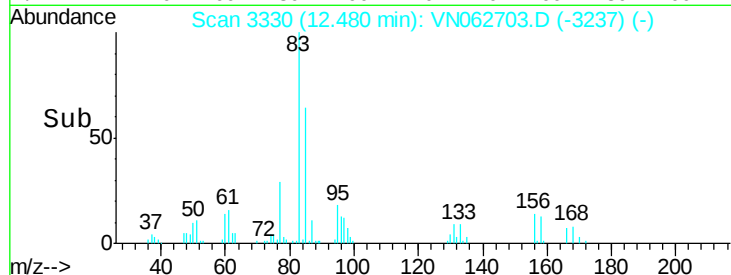
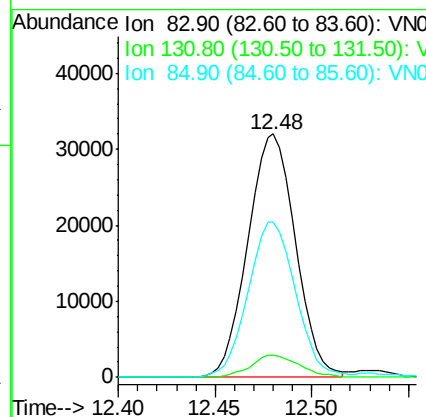
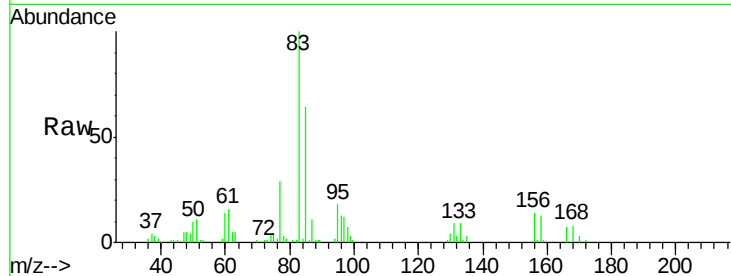
ClientSampleId :

VN0731WBSD02

Tot Ion:	83	Resp:	54862
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	63.7	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 18.025 ug/l m

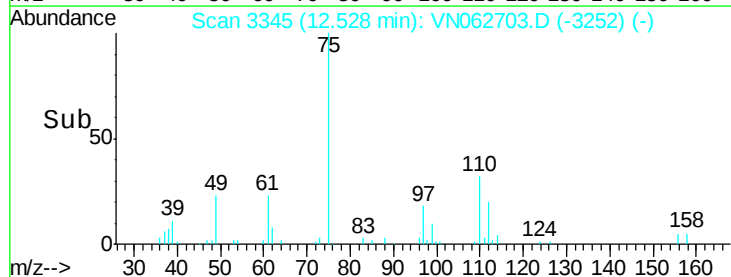
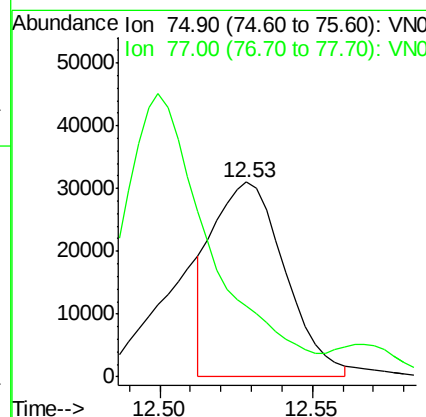
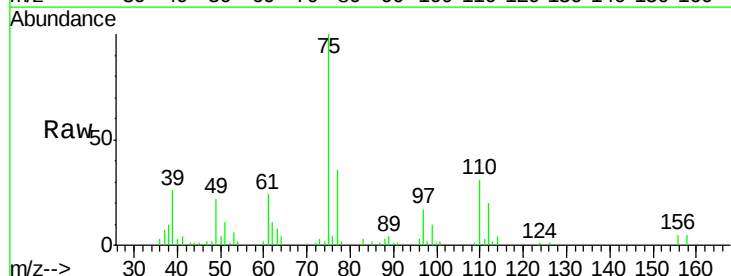
RT: 12.53 min Scan# 3345

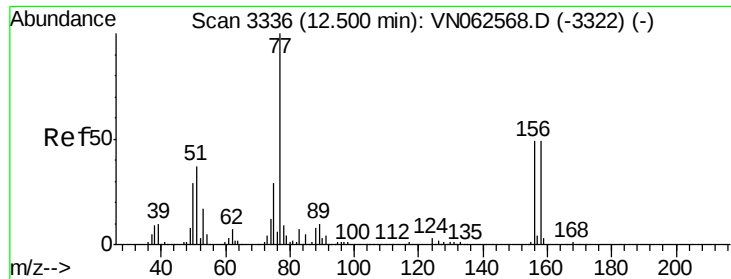
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	75	Resp:	50734
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





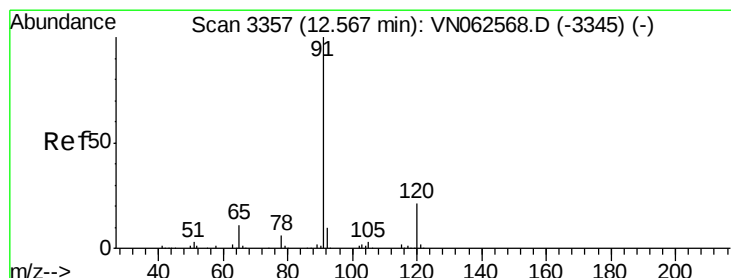
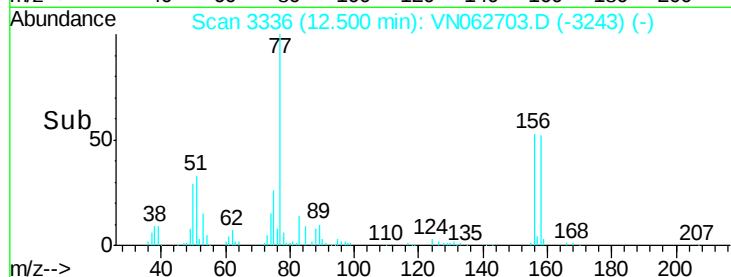
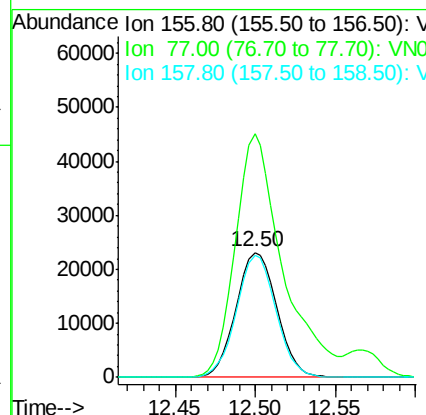
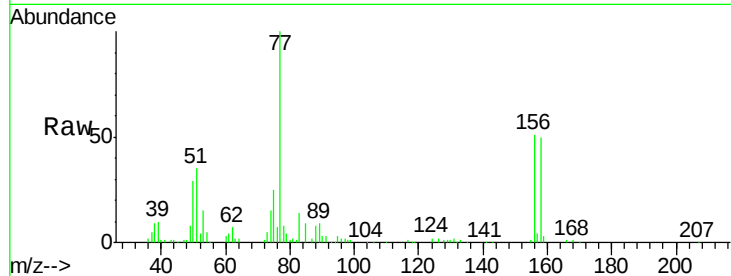
#77
Bromobenzene
Concen: 19.097 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampled :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	228.8	122.8	368.3
158	94.7	49.4	148.0

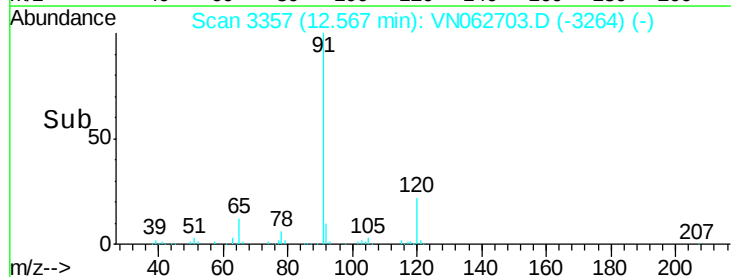
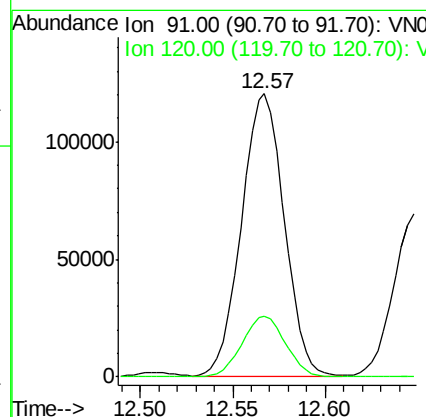
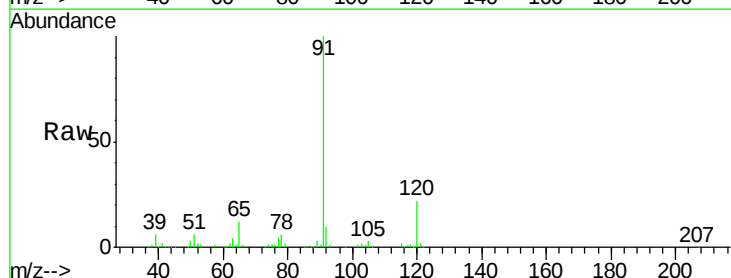
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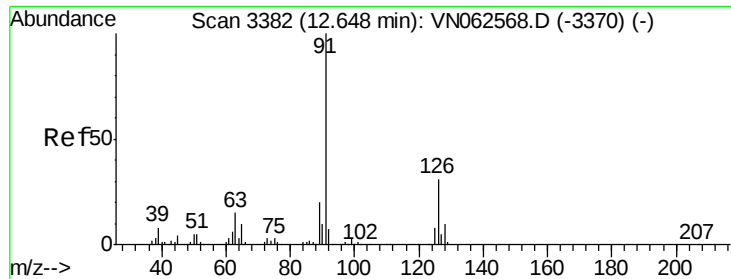
MMDadoda
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#78
n-propylbenzene
Concen: 18.719 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.6





#79

2-Chlorotoluene

Concen: 18.783 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampled :

VN0731WBSD02

Tot Ion: 91 Resp: 118552

Ion Ratio Lower Upper

91 100

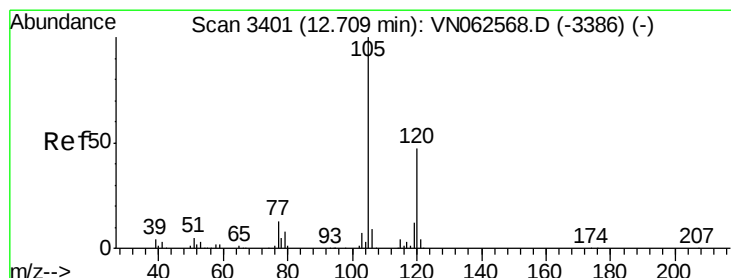
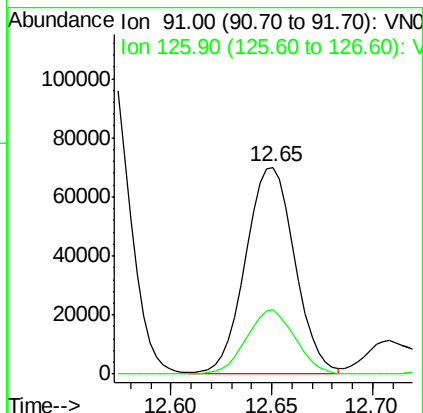
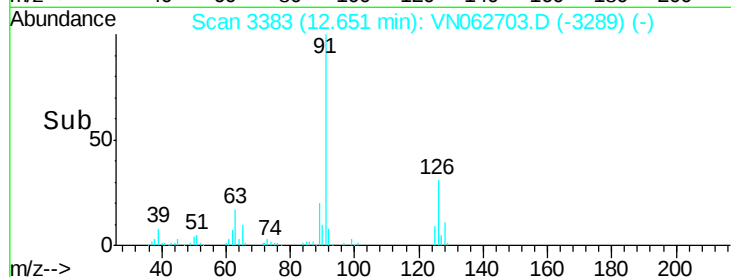
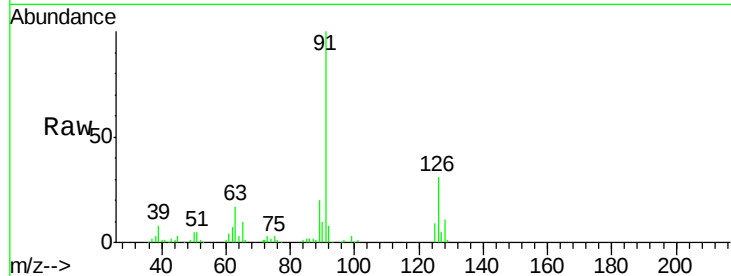
126 31.0 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.010 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062703.D

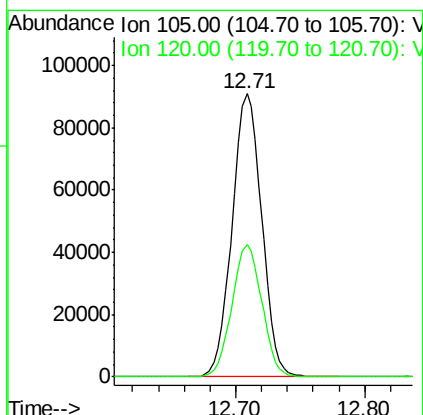
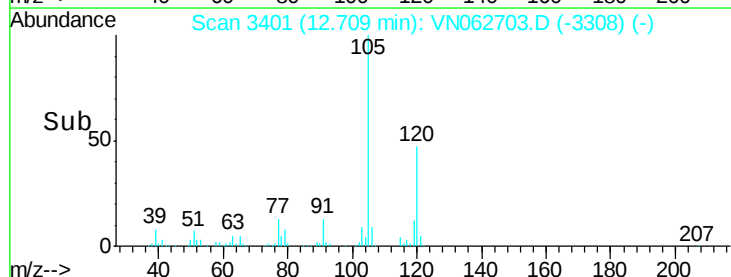
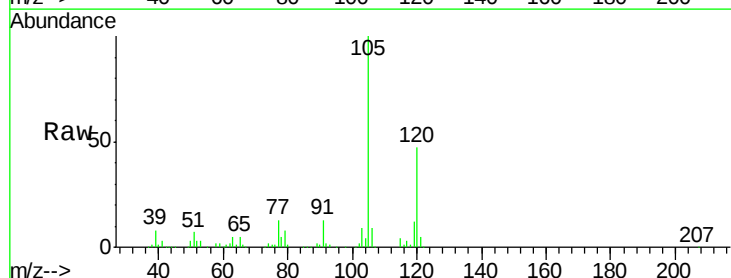
Acq: 31 Jul 2020 23:09

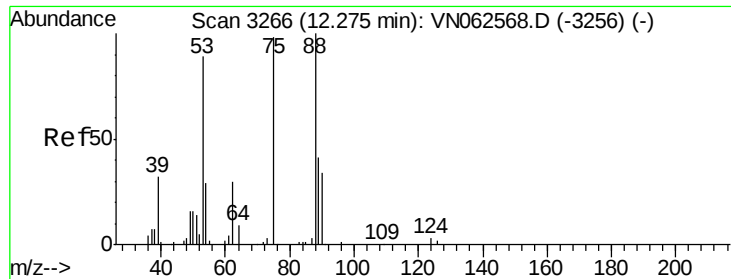
Tgt Ion: 105 Resp: 145127

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.445 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion: 75 Resp: 17638

Ion Ratio Lower Upper

75 100

53 101.5 75.4 113.0

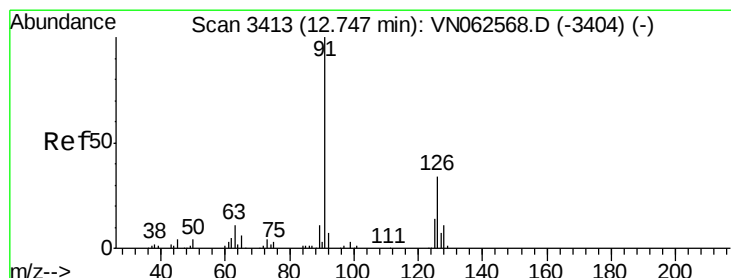
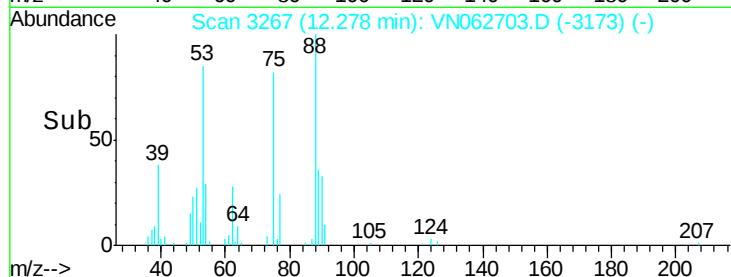
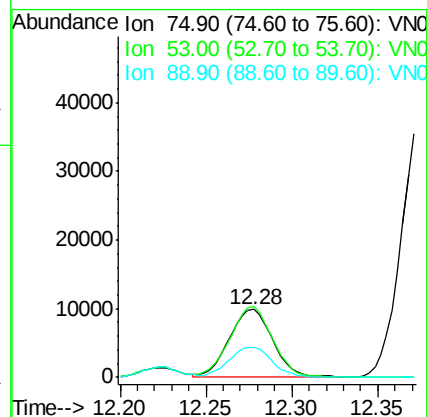
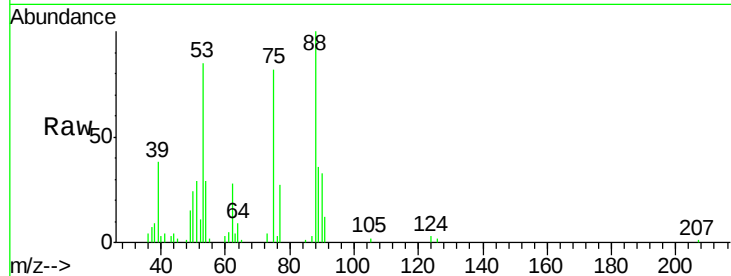
89 43.7 34.5 51.7

Manual Integrations

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#82

4-Chlorotoluene

Concen: 18.313 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062703.D

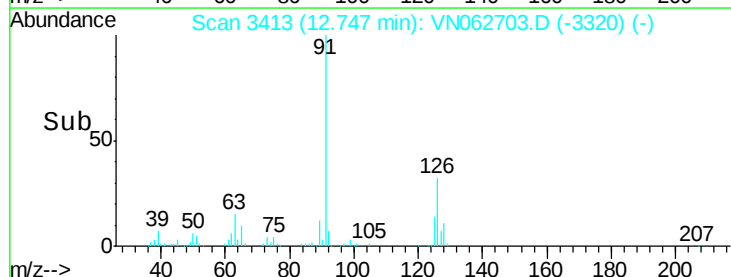
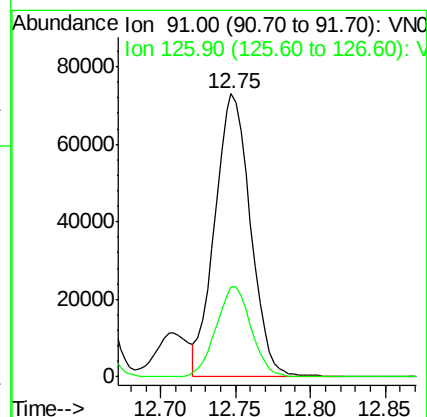
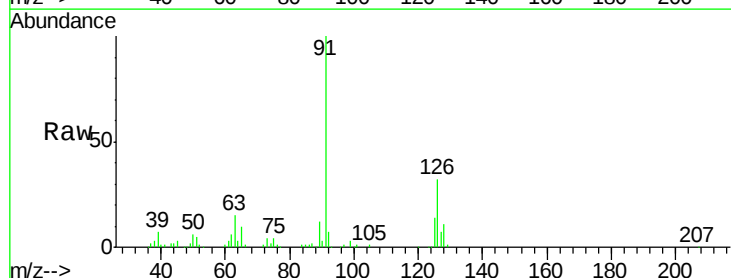
Acq: 31 Jul 2020 23:09

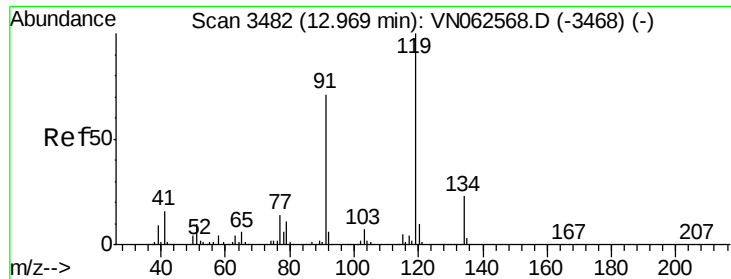
Tgt Ion: 91 Resp: 120315

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4





#83

tert-Butylbenzene

Concen: 20.012 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

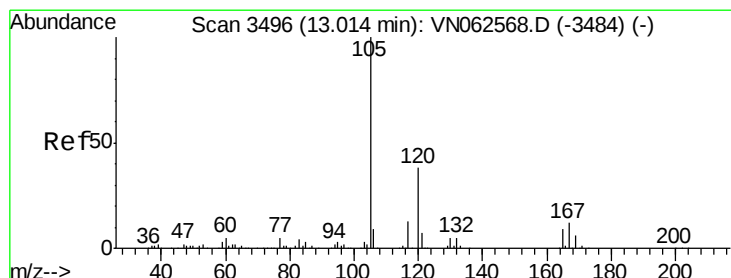
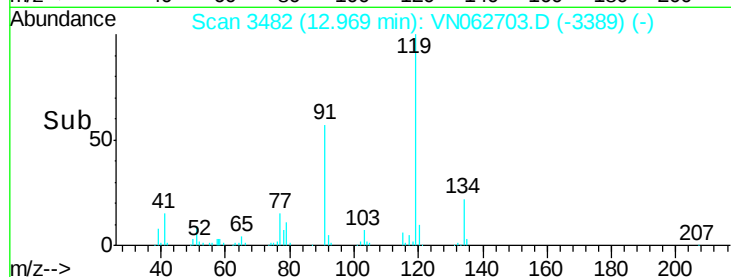
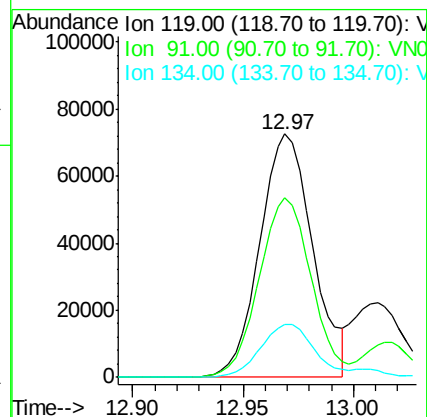
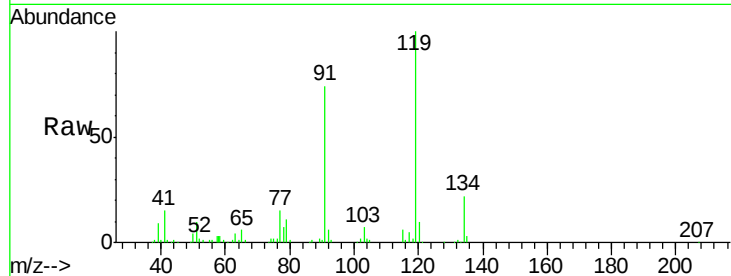
ClientSampleId :

VN0731WBSD02

Tot Ion:	119	Resp:	120522
Ion Ratio	Lower	Upper	
119	100		
91	73.0	34.6	103.8
134	22.2	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.546 ug/l

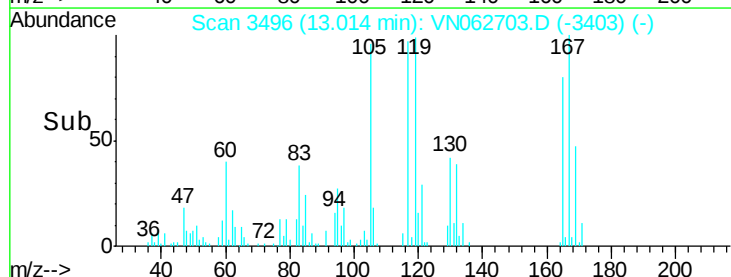
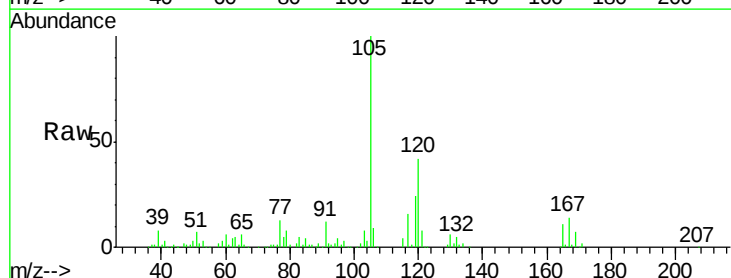
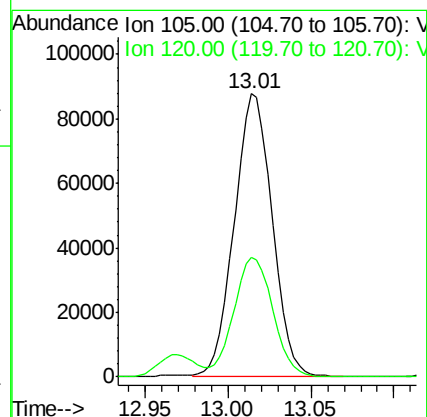
RT: 13.01 min Scan# 3496

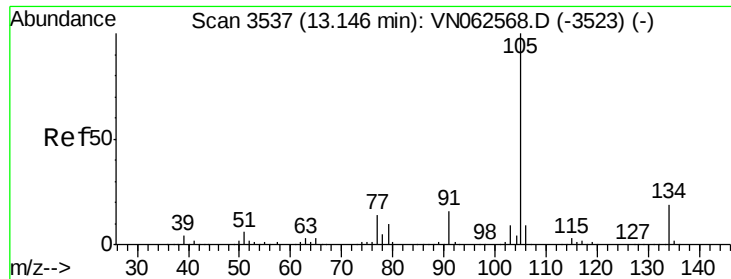
Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	105	Resp:	139068
Ion Ratio	Lower	Upper	
105	100		
120	43.5	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.033 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

Tot Ion:105 Resp: 161517

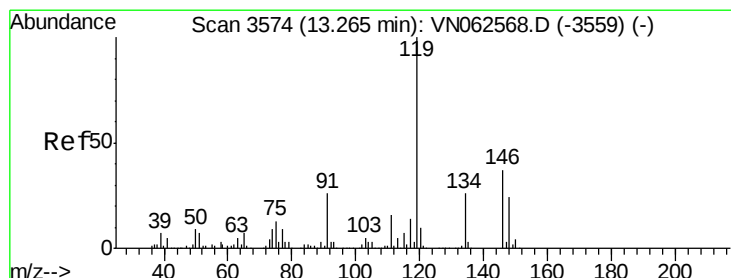
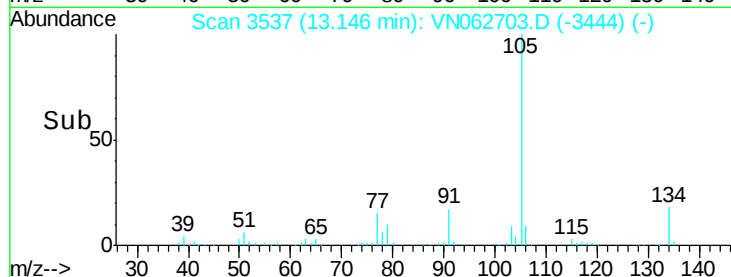
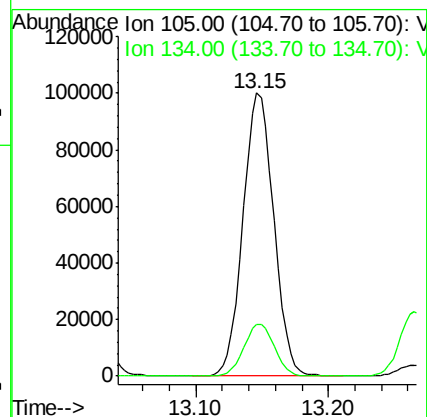
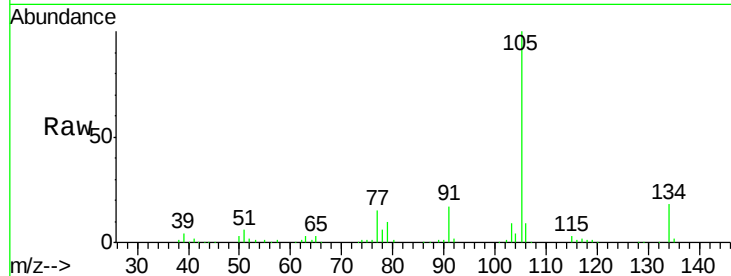
Ion Ratio Lower Upper

105 100

134 18.2 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 20.230 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

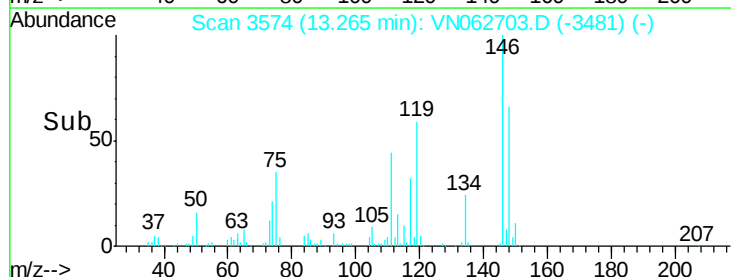
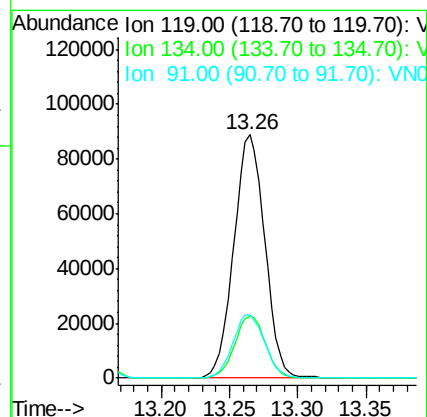
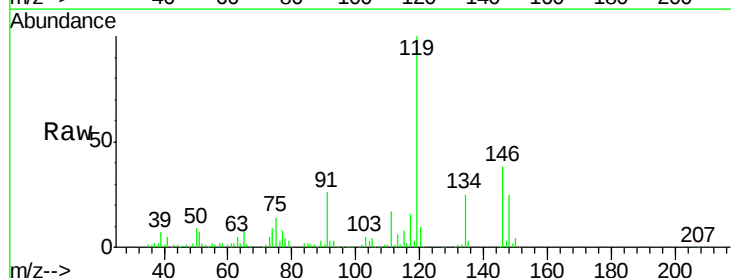
Tgt Ion:119 Resp: 140283

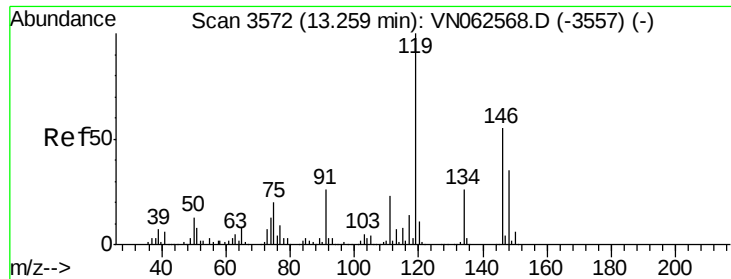
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 26.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.800 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

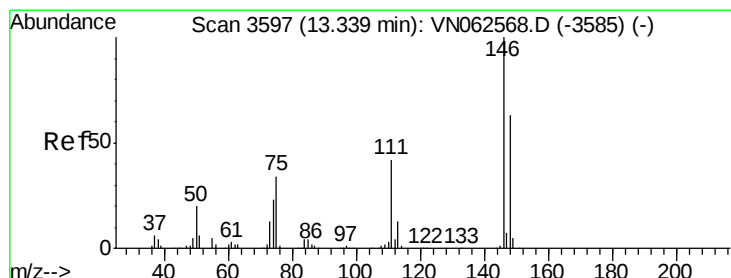
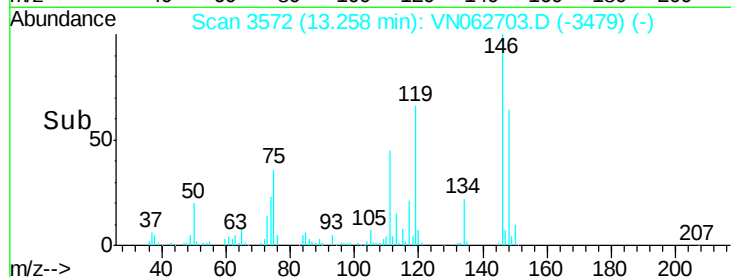
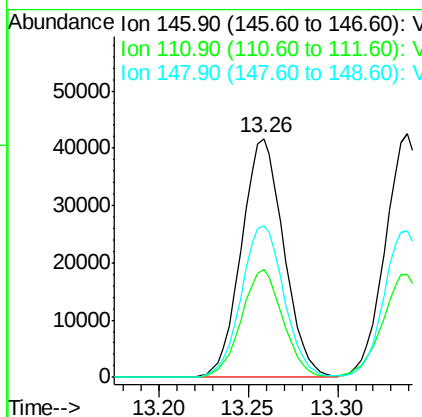
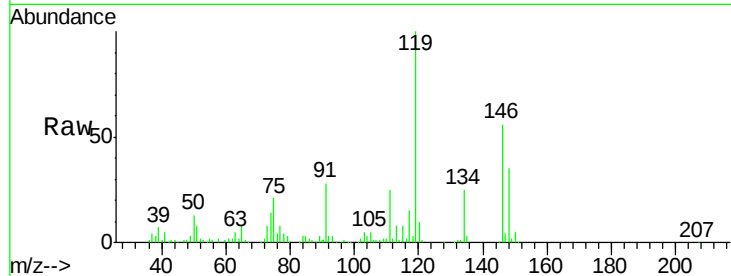
ClientSampleId :

VN0731WBSD02

Tot Ion:	146	Resp:	69322
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	64.6
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.208 ug/l

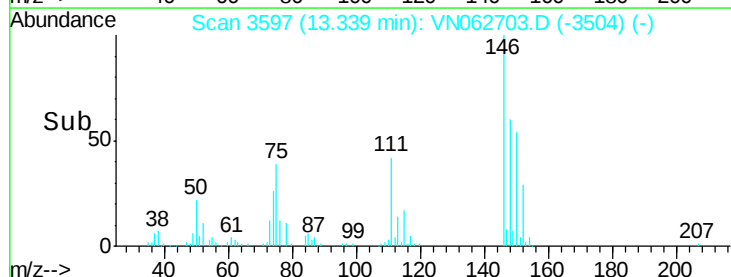
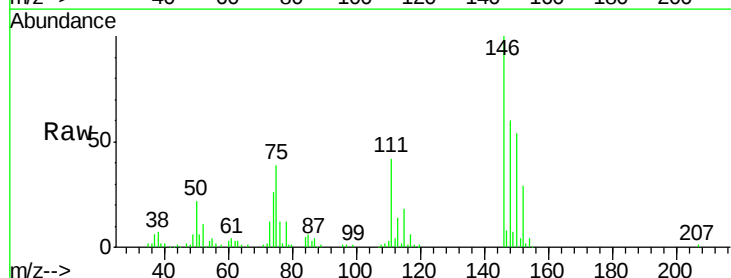
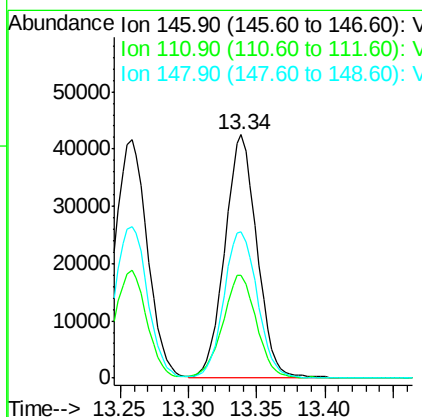
RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion:	146	Resp:	69720
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.1	63.1
148	62.8	31.6	94.8





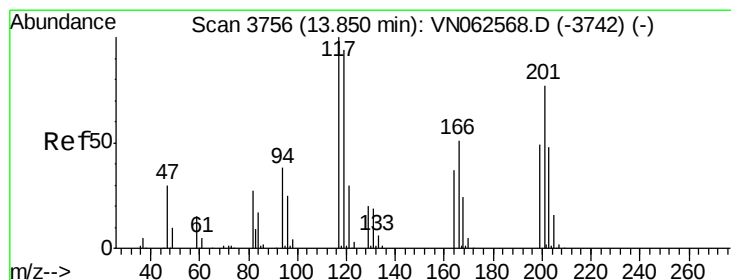
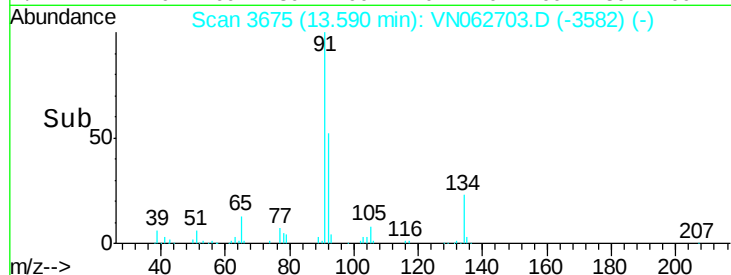
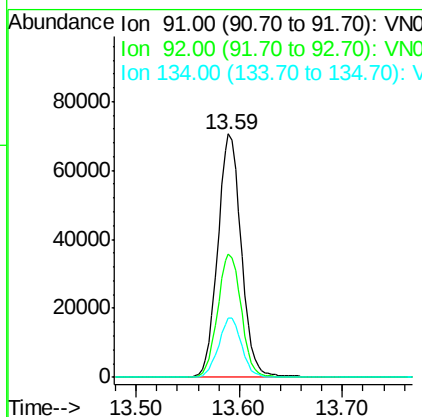
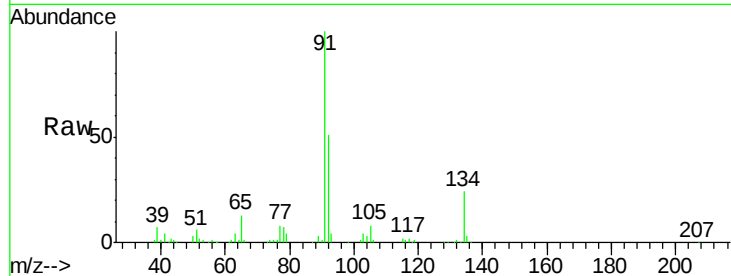
#89
n-Butylbenzene
Concen: 18.774 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.3
134	24.0	11.8	35.3

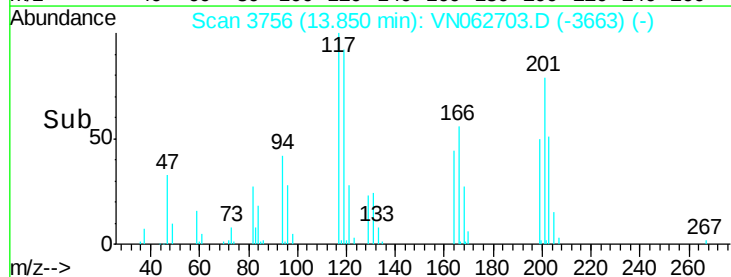
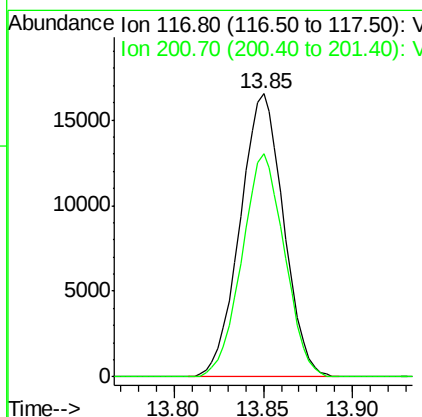
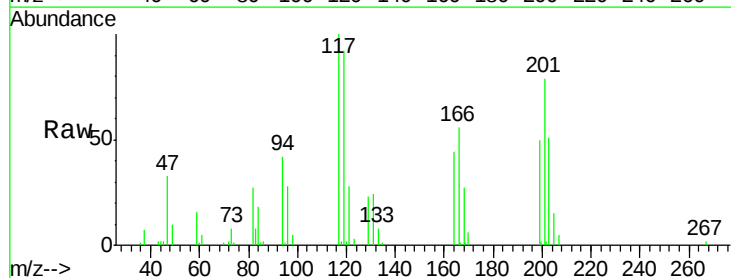
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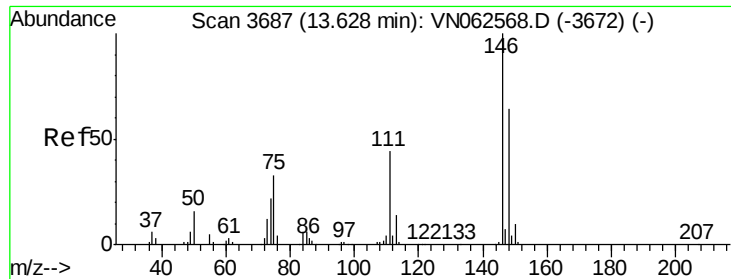
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#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	39.2	117.6





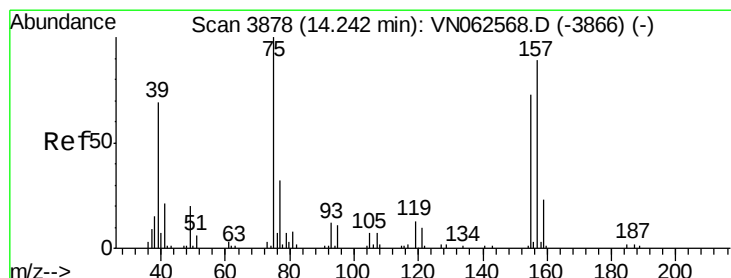
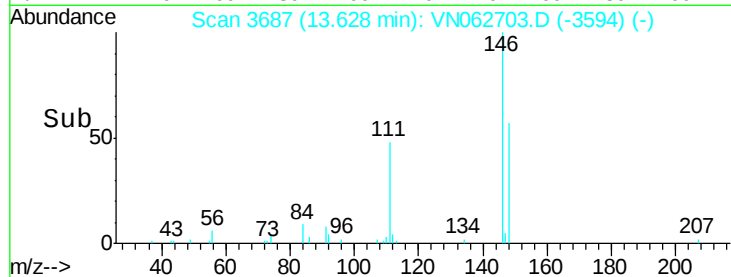
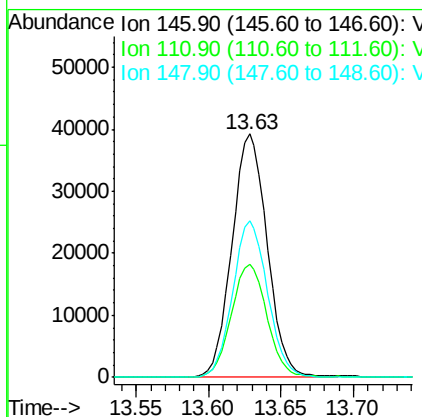
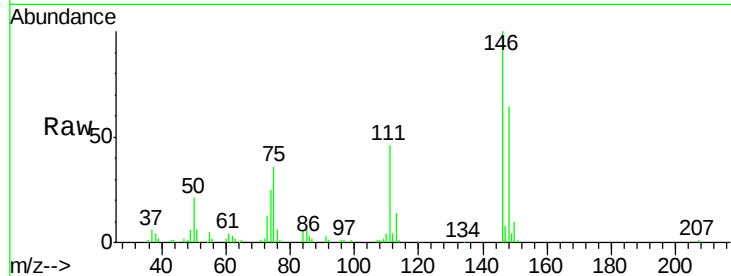
#91
 1,2-Dichlorobenzene
 Concen: 18.835 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.8	21.9	65.8
148	63.3	31.6	94.7

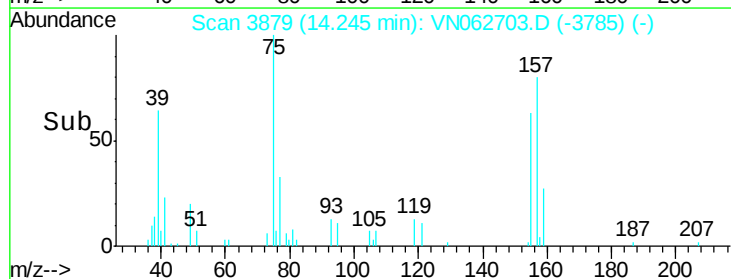
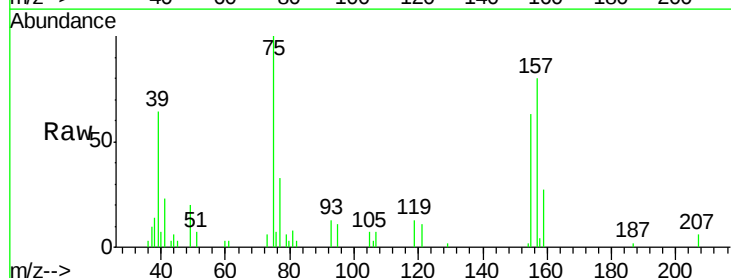
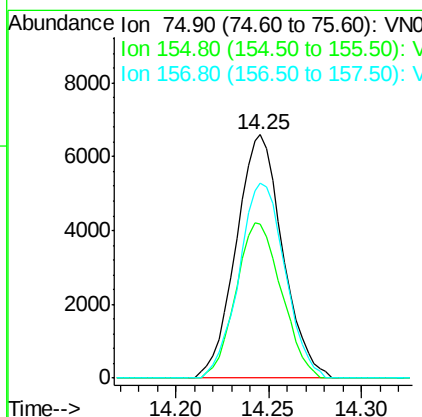
Manual Integrations
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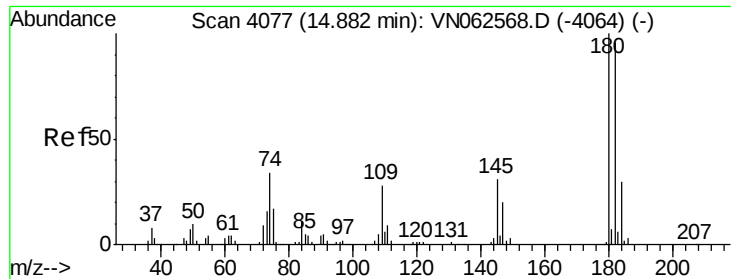
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.816 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.5	35.9	107.5
157	79.2	45.0	135.0





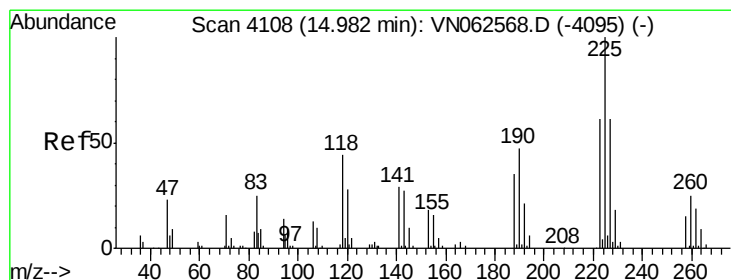
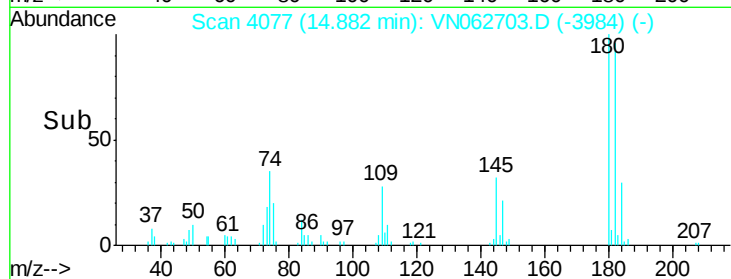
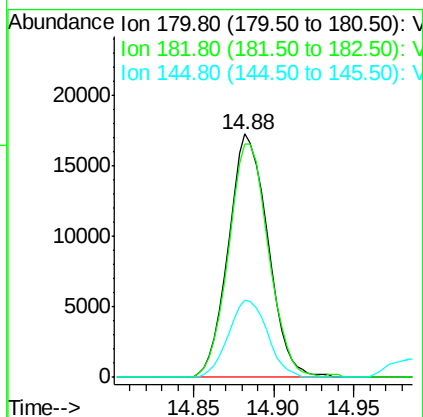
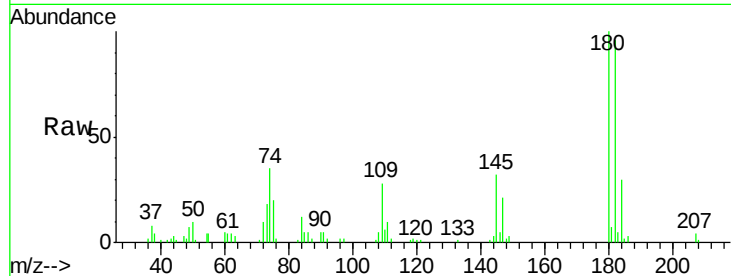
#93
1,2,4-Trichlorobenzene
Concen: 17.782 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	29011		
182	97.1	47.8	143.3	
145	31.2	15.3	45.9	

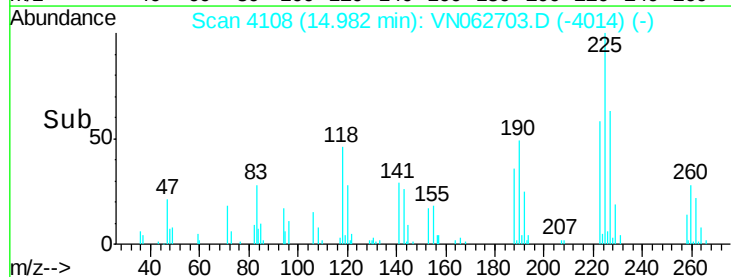
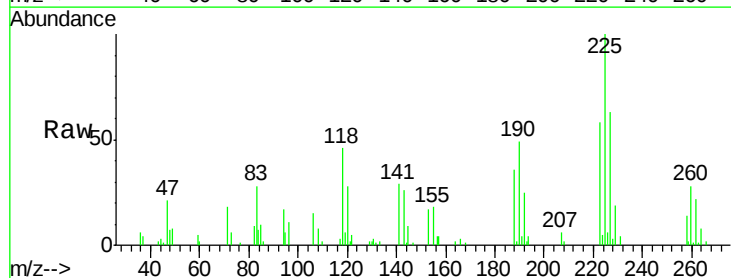
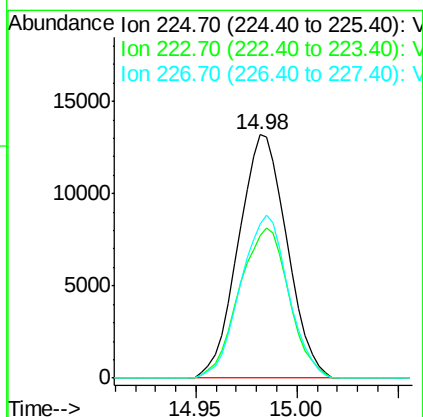
Manual Integrations
APPROVED

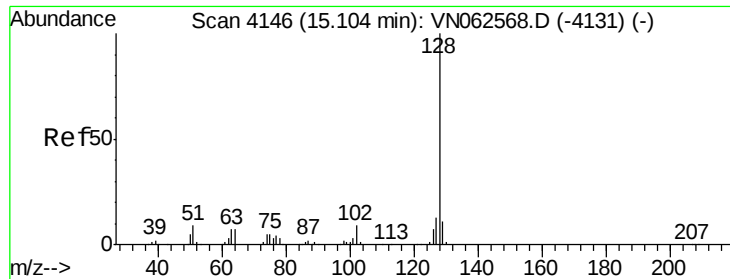
MMDadoda
8/3/2020 5:03:19 PM



#94
Hexachlorobutadiene
Concen: 23.044 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22203		
223	63.2	32.0	96.0	
227	65.6	31.1	93.2	





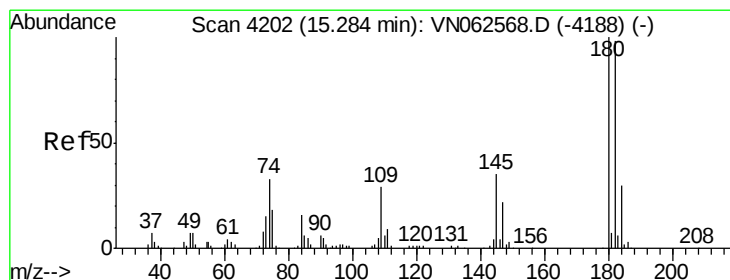
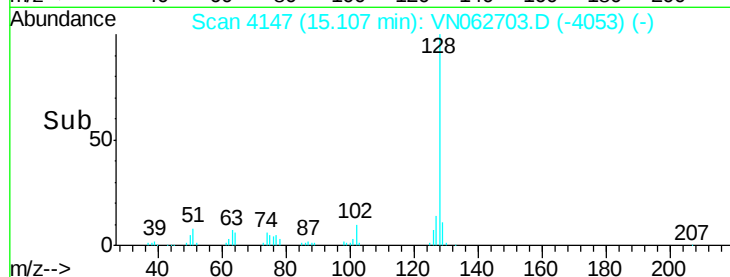
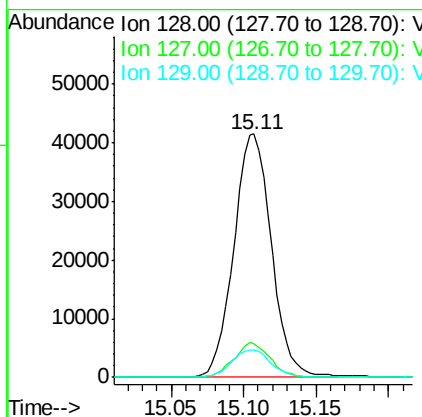
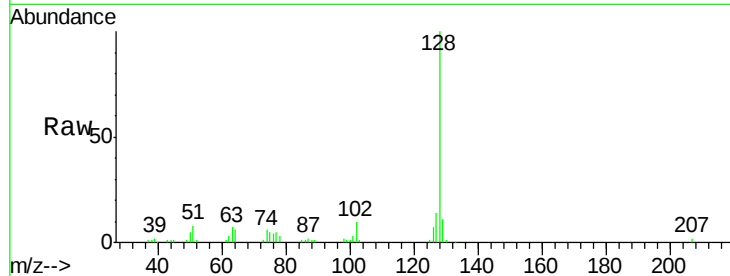
#95
Naphthalene
Concen: 17.797 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampled :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:03:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.664 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.3
145	33.2	16.7	50.1

