

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063957.D
 Acq On : 7 Oct 2020 20:55
 Operator : JC/MD
 Sample : L4293-05MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:18 AM

Quant Time: Oct 08 06:21:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	466533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	230728	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.55	113	163344	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.06	98	594659	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.38	95	224378	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131511	44.510	ug/l	99
3) Chloromethane	2.04	50	155936	44.980	ug/l	97
4) Vinyl Chloride	2.16	62	161209	46.325	ug/l	98
5) Bromomethane	2.53	94	86709	39.613	ug/l	97
6) Chloroethane	2.67	64	106803	51.361	ug/l	99
7) Trichlorofluoromethane	2.99	101	265529	48.110	ug/l	96
8) Diethyl Ether	3.38	74	92989	49.818	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	137573	46.636	ug/l	98
10) Methyl Iodide	3.91	142	148031	43.218	ug/l	100
11) Tert butyl alcohol	4.73	59	127443	249.533	ug/l	100
12) 1,1-Dichloroethene	3.70	96	135267	47.972	ug/l	98
13) Acrolein	3.57	56	63815	203.586	ug/l	96
14) Allyl chloride	4.28	41	269828	51.510	ug/l	94
15) Acrylonitrile	4.93	53	388920	266.033	ug/l	99
16) Acetone	3.78	43	361478	253.841	ug/l	98
17) Carbon Disulfide	4.01	76	355105	46.643	ug/l	97
18) Methyl Acetate	4.28	43	186828	50.530	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	532018	51.934	ug/l	100
20) Methylene Chloride	4.51	84	165573	50.761	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	150593	47.682	ug/l	97
22) Diisopropyl ether	5.90	45	597902	55.476	ug/l	97
23) Vinyl Acetate	5.85	43	2205776	247.068	ug/l	99
24) 1,1-Dichloroethane	5.80	63	311126	50.488	ug/l	99
25) 2-Butanone	6.78	43	551013	272.923	ug/l	100
26) 2,2-Dichloropropane	6.78	77	217806	38.595	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177373	48.831	ug/l	98
28) Bromochloromethane	7.15	49	154072	50.586	ug/l	99
29) Tetrahydrofuran	7.17	42	370421	273.558	ug/l	97
30) Chloroform	7.33	83	330404	51.422	ug/l	95
31) Cyclohexane	7.61	56	254230	47.338	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	295856	51.049	ug/l	98
36) 1,1-Dichloropropene	7.76	75	231506	48.981	ug/l	99
37) Ethyl Acetate	6.88	43	220192	46.891	ug/l	99
38) Carbon Tetrachloride	7.74	117	255692	48.244	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210615	44.685	ug/l	98
40) Benzene	8.00	78	663708	49.164	ug/l	99
41) Methacrylonitrile	7.13	41	93402m	44.754	ug/l	
42) 1,2-Dichloroethane	8.09	62	283092	49.126	ug/l	100
43) Isopropyl Acetate	8.13	43	387662	50.050	ug/l #	90
44) Trichloroethene	8.80	130	167857	47.455	ug/l	96
45) 1,2-Dichloropropane	9.08	63	183883	50.436	ug/l	100
46) Dibromomethane	9.17	93	124174	49.371	ug/l	99
47) Bromodichloromethane	9.37	83	262880	50.715	ug/l	99
48) Methyl methacrylate	9.17	41	208214	54.410	ug/l	93
49) 1,4-Dioxane	9.16	88	51194	941.298	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1241368	273.104	ug/l	100
52) Toluene	10.13	92	425023	50.900	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	275101	49.511	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	275554	47.419	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	171495	51.213	ug/l	97
56) Ethyl methacrylate	10.40	69	258357	54.430	ug/l	96
57) 1,3-Dichloropropane	10.68	76	289477	51.095	ug/l	98
59) 2-Hexanone	10.72	43	900362	266.647	ug/l	99
60) Dibromochloromethane	10.87	129	198543	50.911	ug/l	100
61) 1,2-Dibromoethane	10.98	107	176639	51.566	ug/l	99
64) Tetrachloroethene	10.60	164	149831	44.465	ug/l	97
65) Chlorobenzene	11.41	112	445878	49.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175048	51.106	ug/l	99
67) Ethyl Benzene	11.49	91	829673	51.034	ug/l	99
68) m/p-Xylenes	11.59	106	612631	101.110	ug/l	99
69) o-Xylene	11.92	106	298376	52.687	ug/l	98
70) Stvrene	11.94	104	508930	52.941	ug/l	98
71) Bromoform	12.10	173	137761	52.588	ug/l #	97
73) Isopropylbenzene	12.23	105	788813	50.234	ug/l	100
74) N-amyl acetate	12.05	43	333806	45.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245487	51.125	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	228529m	48.155	ug/l	
77) Bromobenzene	12.50	156	195403	50.714	ug/l	100
78) n-propylbenzene	12.57	91	888558	48.622	ug/l	100
79) 2-Chlorotoluene	12.65	91	554765	49.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	657823	49.935	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77743	47.182	ug/l	97
82) 4-Chlorotoluene	12.75	91	577691	49.512	ug/l	99
83) tert-Butylbenzene	12.97	119	532930	49.456	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	663625	50.455	ug/l	97
85) sec-Butylbenzene	13.15	105	694929	49.100	ug/l	100
86) p-Isopropyltoluene	13.26	119	636960	50.872	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342773	49.174	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	347615	47.895	ug/l	98
89) n-Butylbenzene	13.59	91	524880	45.419	ug/l	99
90) Hexachloroethane	13.85	117	118159	48.700	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	346736	50.221	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54071	48.016	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	172034	45.968	ug/l	96

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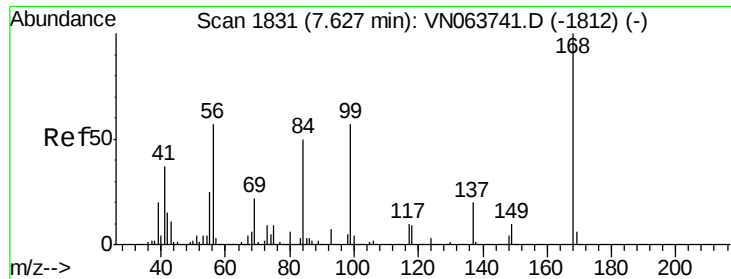
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	93389	49.888	ug/l	99
95) Naphthalene	15.11	128	634776	54.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	170572	46.943	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion:168 Resp: 280013

Ion Ratio Lower Upper

168 100

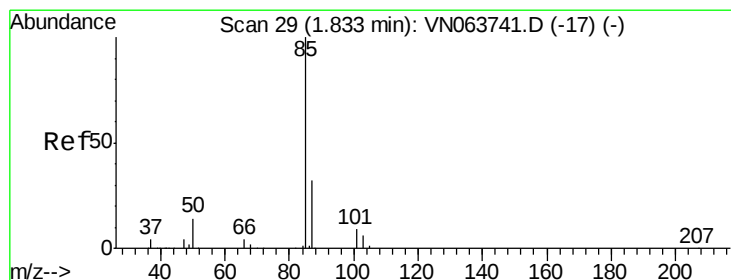
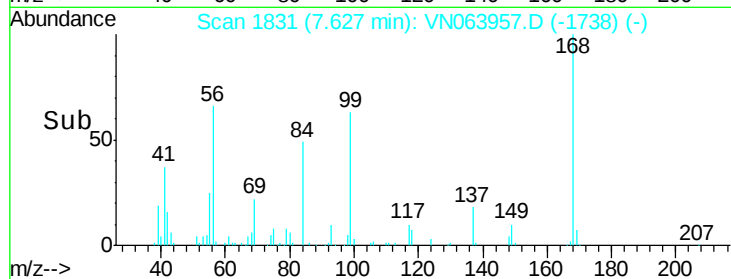
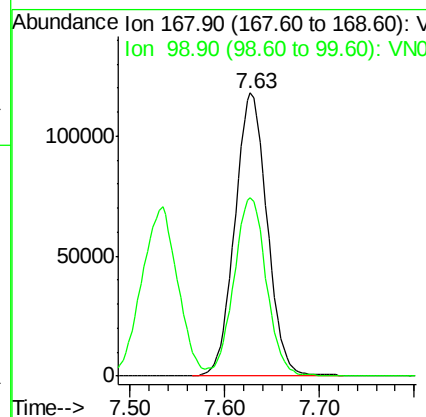
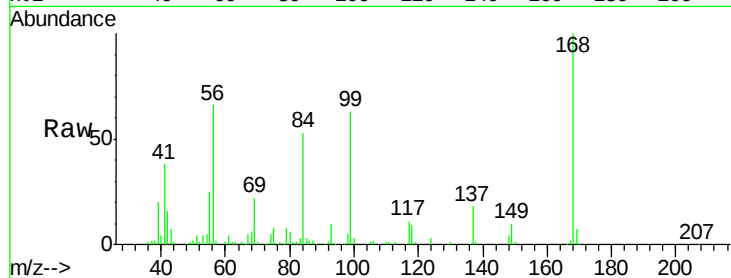
99 62.7 51.8 77.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.510 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063957.D

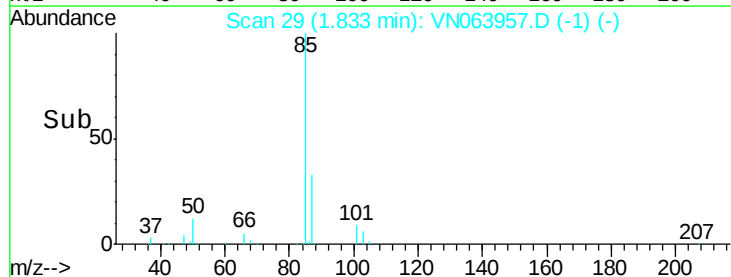
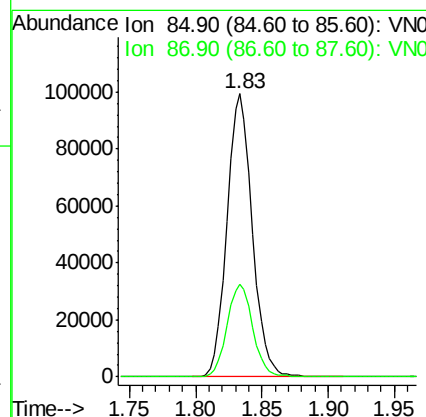
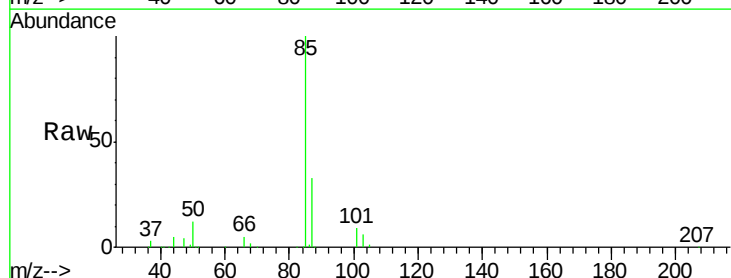
Acq: 7 Oct 2020 20:55

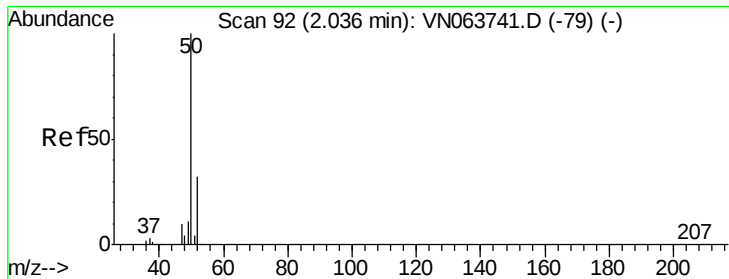
Tgt Ion: 85 Resp: 131511

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0





#3

Chloromethane

Concen: 44.980 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 50 Resp: 155936

Ion Ratio Lower Upper

50 100

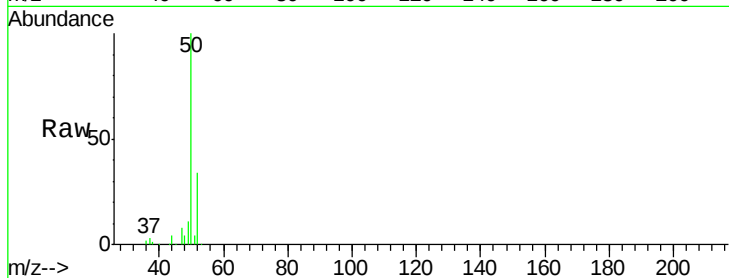
52 33.9 25.8 38.8

Manual Integrations

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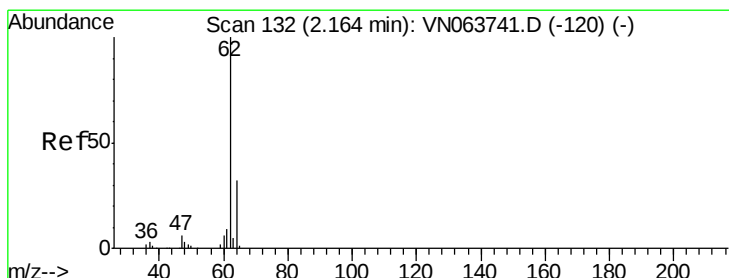
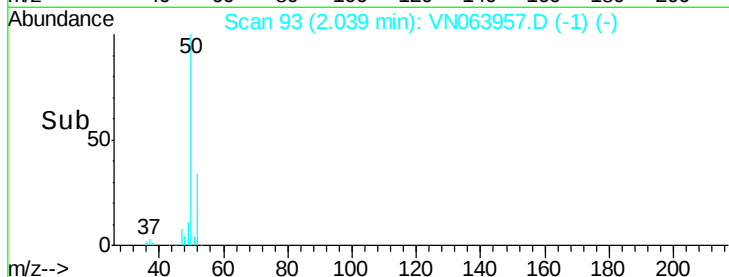
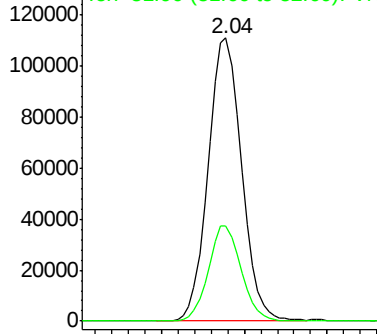
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.325 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063957.D

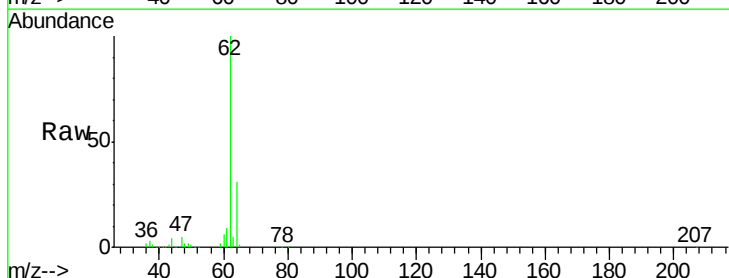
Acq: 7 Oct 2020 20:55

Tgt Ion: 62 Resp: 161209

Ion Ratio Lower Upper

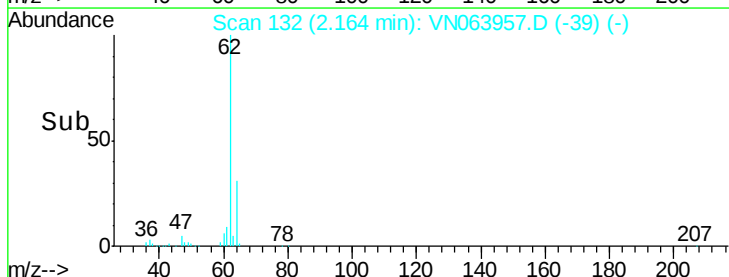
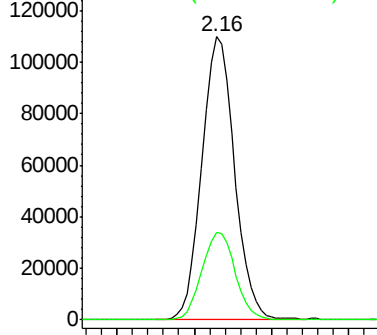
62 100

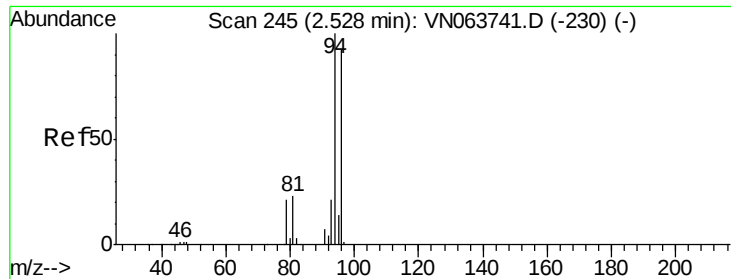
64 30.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 39.613 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

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ClientSampleId :

B-6-MW-2MSD

Tot Ion: 94 Resp: 86709

Ion Ratio Lower Upper

94 100

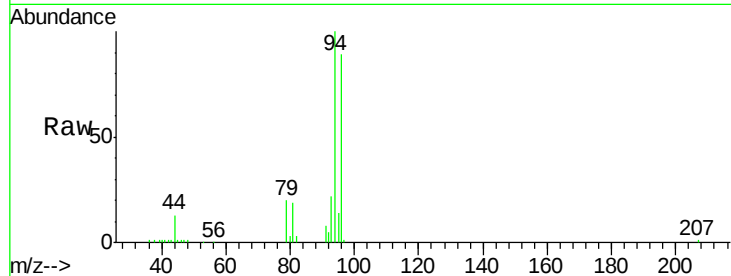
96 89.1 73.3 109.9

Manual Integrations

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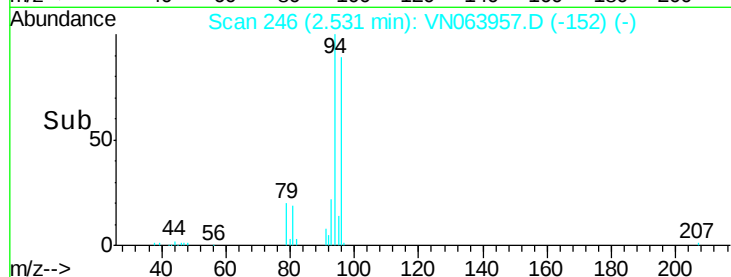


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

Time-->



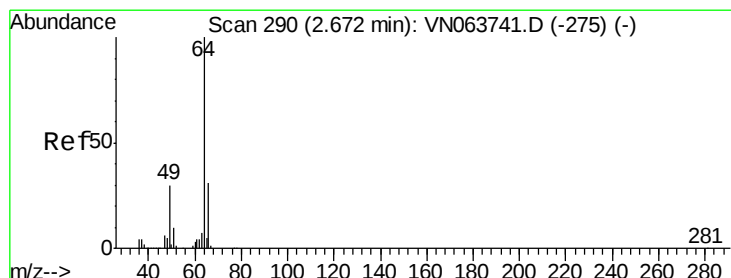
Abundance

Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

Time-->



#6

Chloroethane

Concen: 51.361 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063957.D

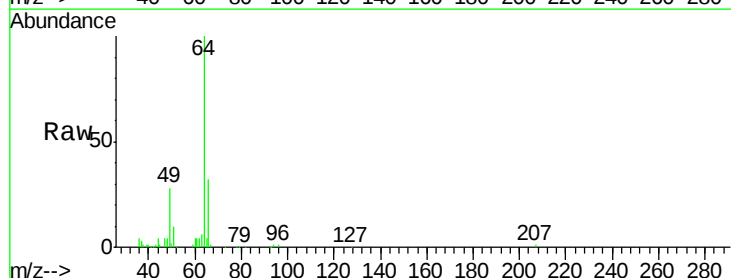
Acq: 7 Oct 2020 20:55

Tgt Ion: 64 Resp: 106803

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7

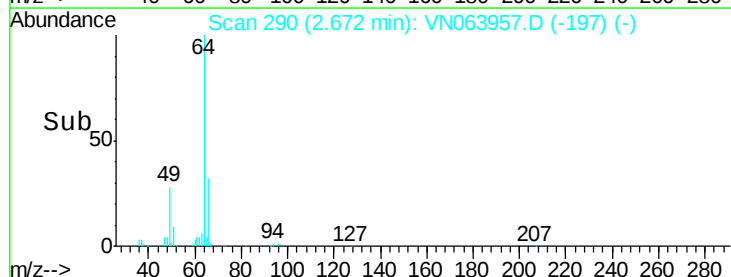


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

Time-->



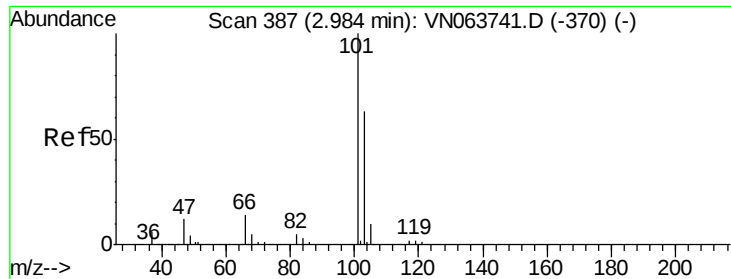
Abundance

Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

Time-->



#7

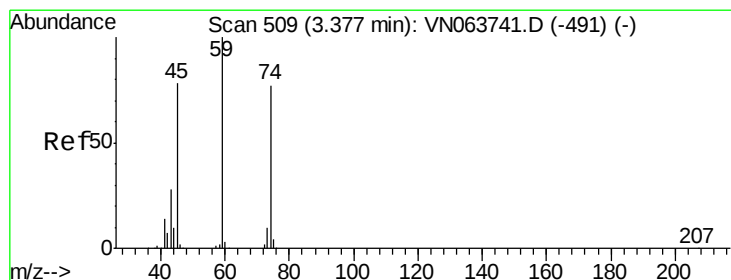
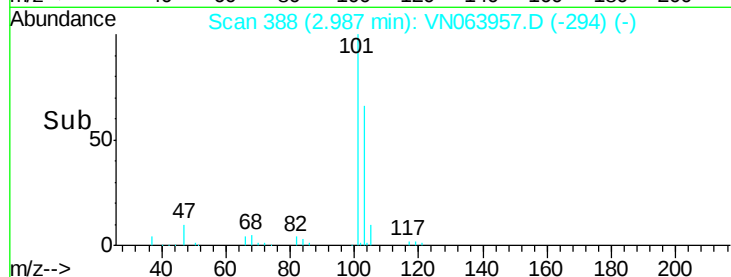
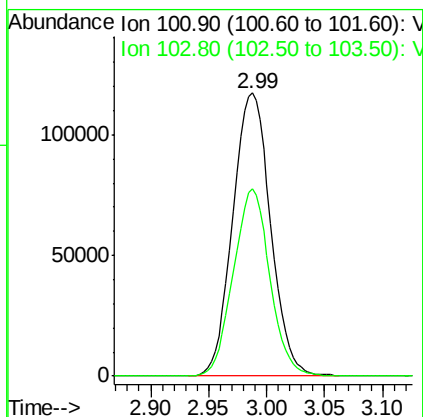
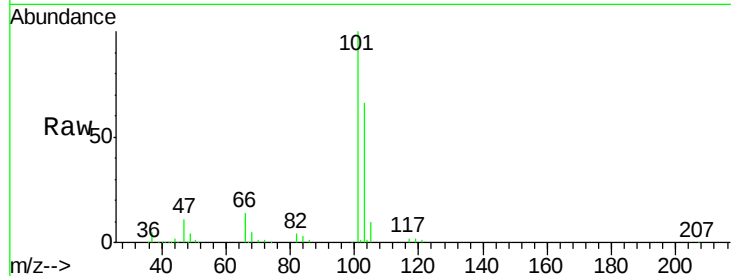
Trichlorofluoromethane
Concen: 48.110 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	265529		
103	66.4	50.7	76.1	

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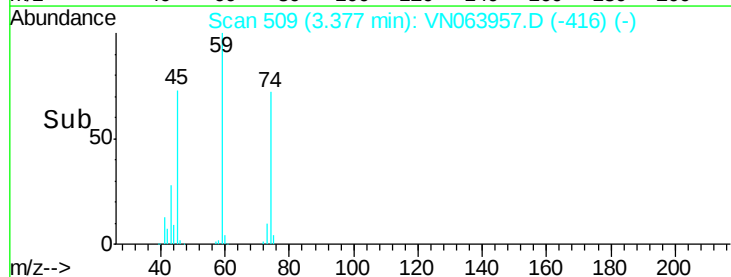
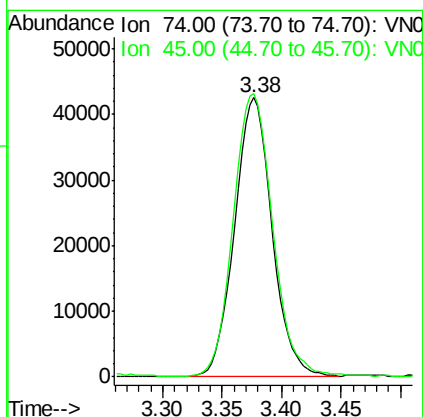
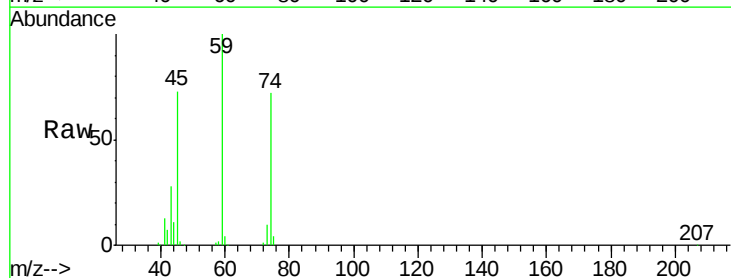
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#8

Diethyl Ether
Concen: 49.818 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92989		
45	107.2	50.9	152.8	





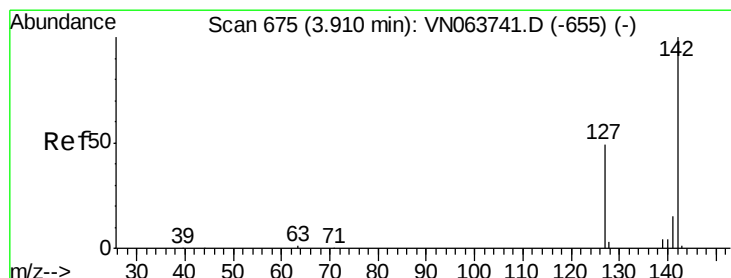
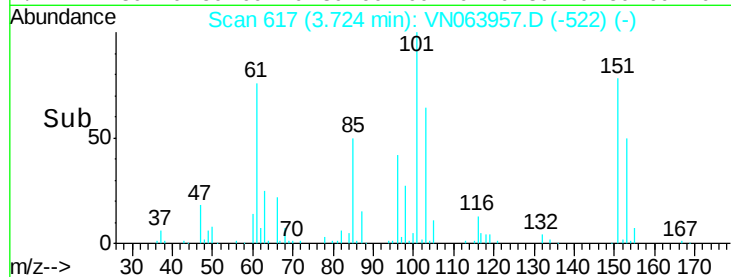
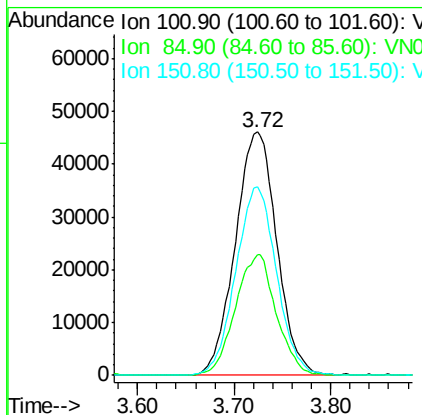
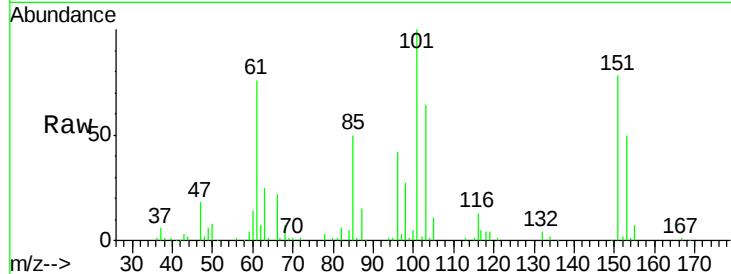
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.636 ug/l
 RT: 3.72 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

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 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
101	100		
85	48.8	38.6	58.0
151	76.0	58.7	88.1

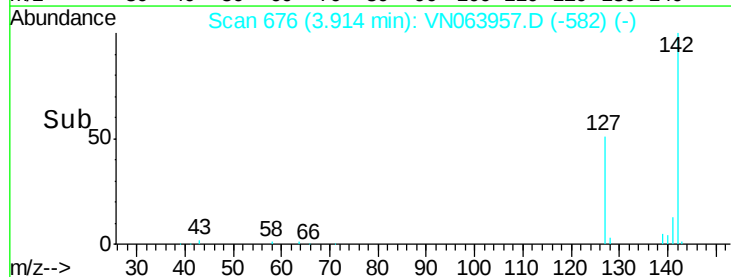
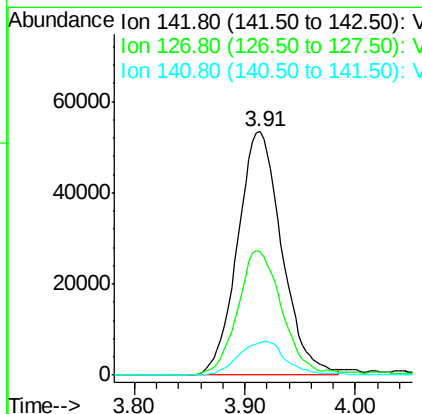
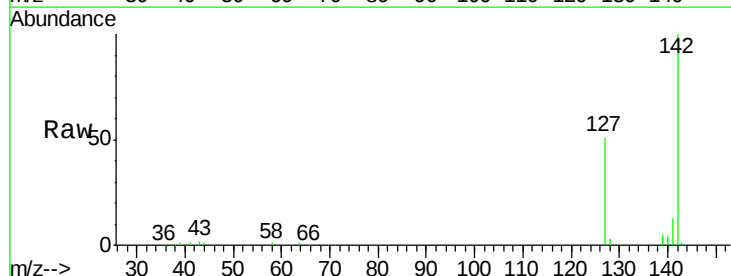
Manual Integrations
 APPROVED

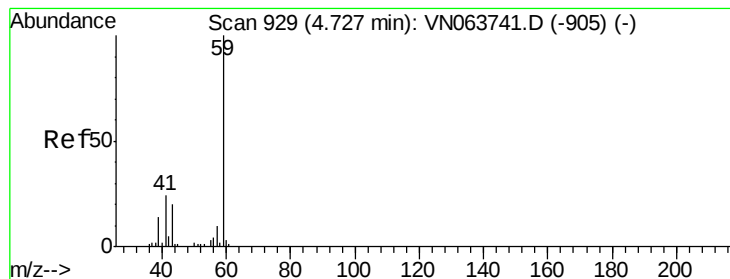
MMDadoda
 10/8/2020 10:09:18 AM



#10
 Methyl Iodide
 Concen: 43.218 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.8	40.5	60.7
141	14.5	11.7	17.5





#11

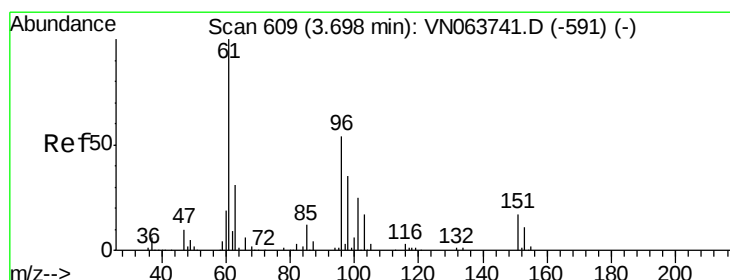
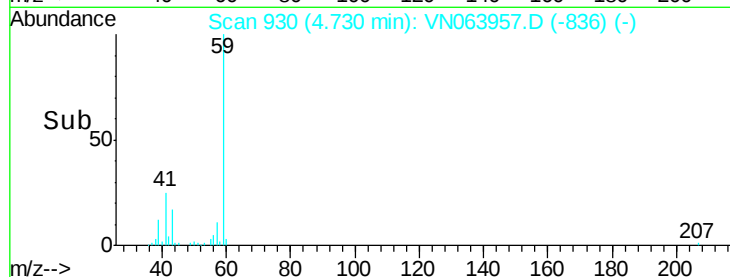
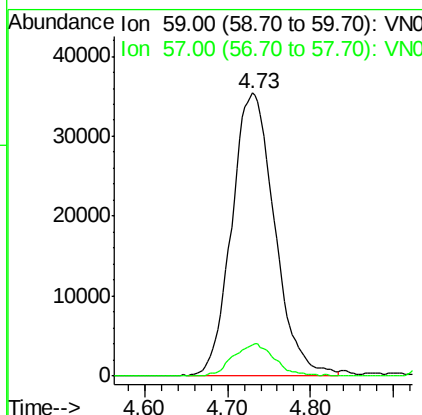
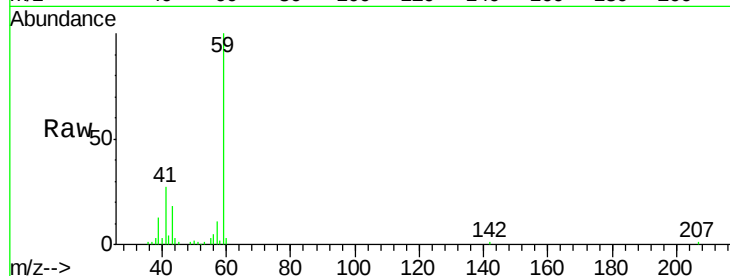
Tert butyl alcohol
Concen: 249.533 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MSD

Tot Ion	59	57	Ratio	100	10.9	Resp	127443	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.9	Resp	127443	Lower	8.7	Upper	13.1

Manual Integrations
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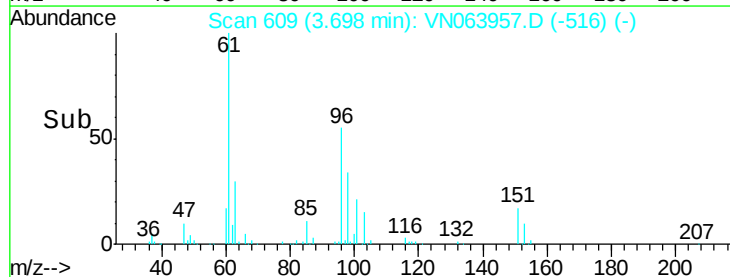
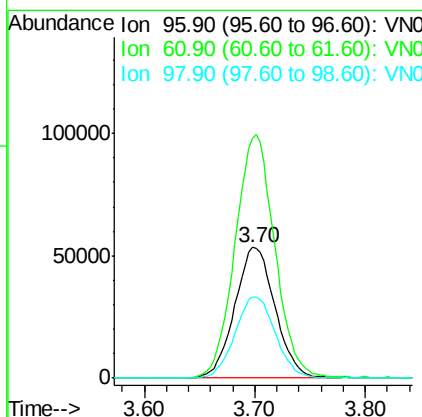
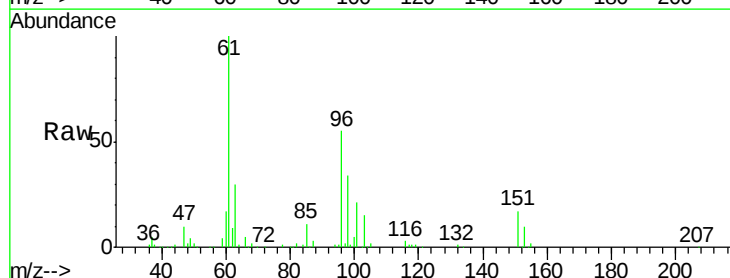
MMDadoda
10/8/2020 10:09:18 AM

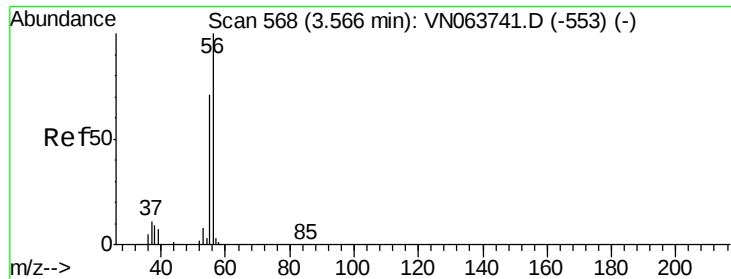


#12

1,1-Dichloroethene
Concen: 47.972 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	96	61	98	Ratio	100	183.0	61.7	Resp	135267	Lower	147.7	51.9	Upper	221.5	77.9
Ion	96	61	98	Ratio	100	183.0	61.7	Resp	135267	Lower	147.7	51.9	Upper	221.5	77.9





#13

Acrolein

Concen: 203.586 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 56 Resp: 63815

Ion Ratio Lower Upper

56 100

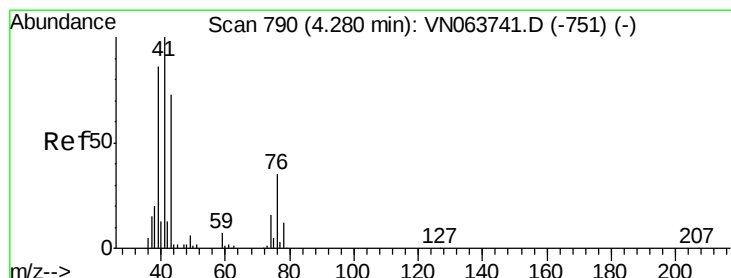
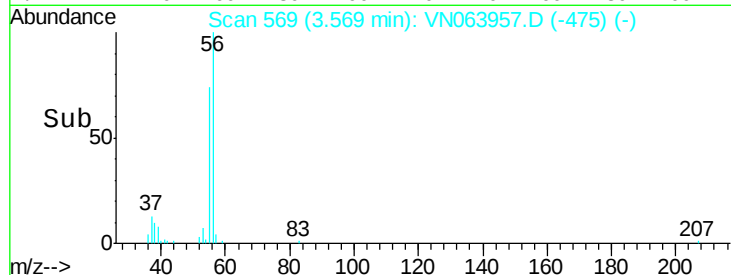
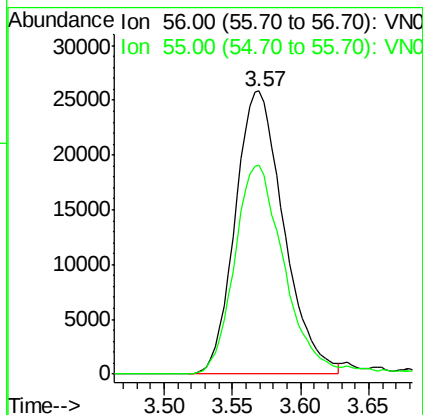
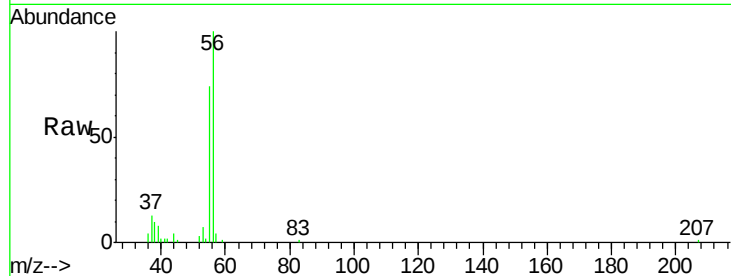
55 74.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.510 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

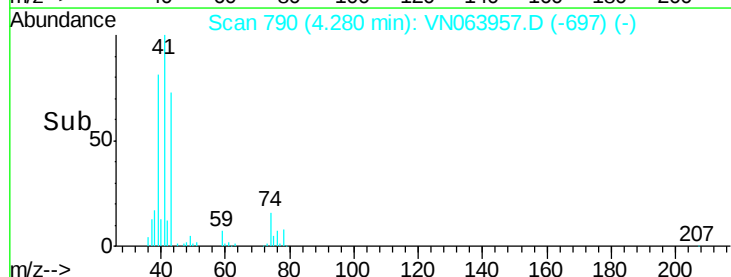
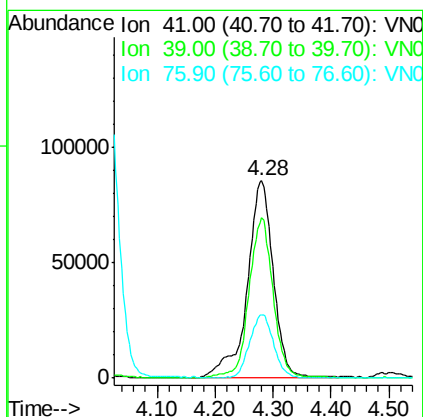
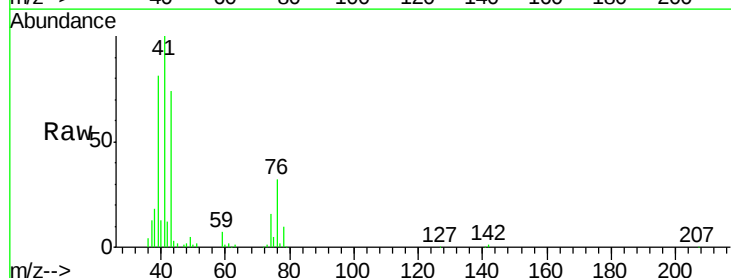
Tgt Ion: 41 Resp: 269828

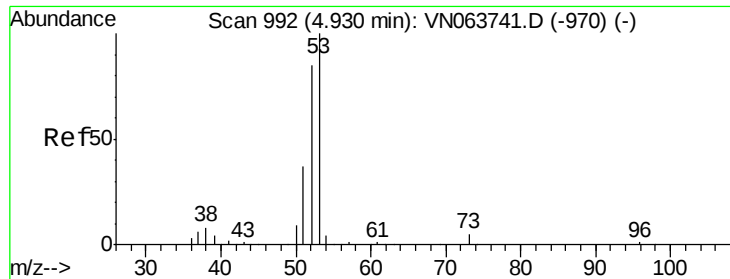
Ion Ratio Lower Upper

41 100

39 74.4 64.5 96.7

76 29.5 25.9 38.9





#15

Acrylonitrile

Concen: 266.033 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

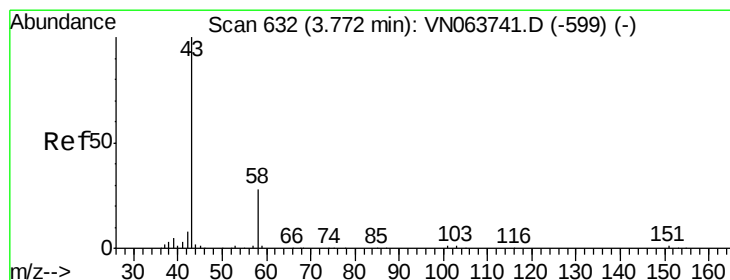
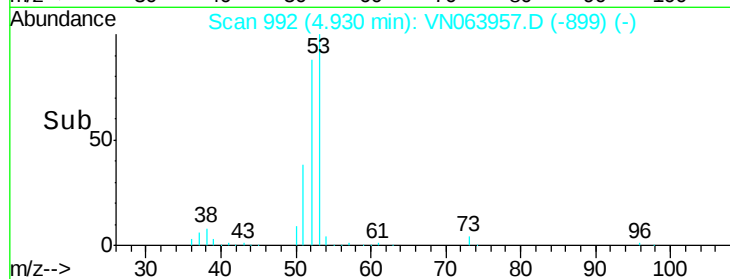
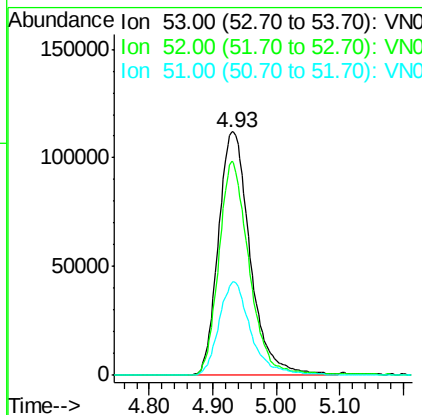
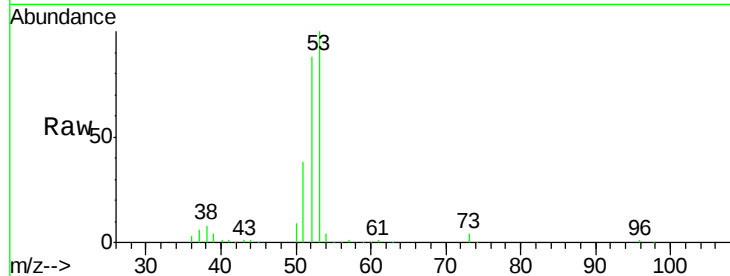
ClientSampleId :

B-6-MW-2MSD

Tot Ion:	53	Resp:	388920
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	38.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 253.841 ug/l

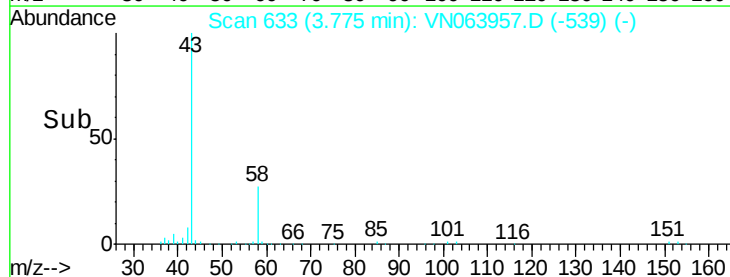
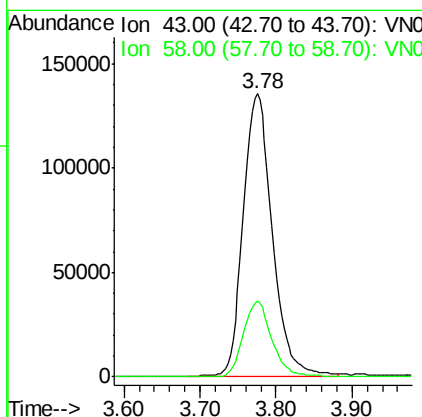
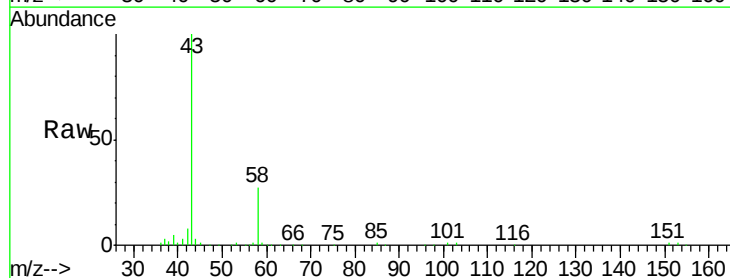
RT: 3.78 min Scan# 633

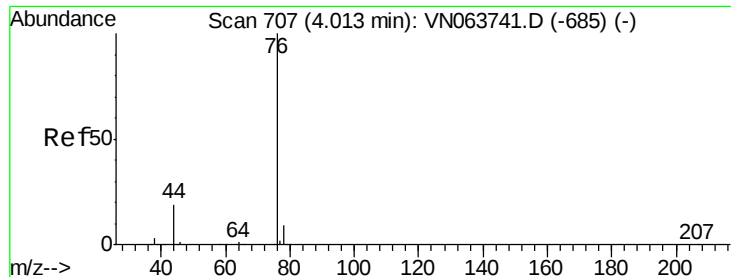
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion:	43	Resp:	361478
Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.3	33.5





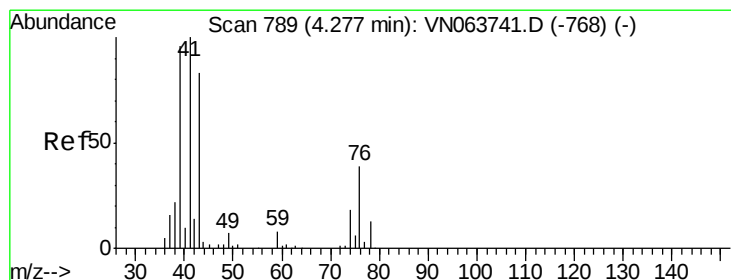
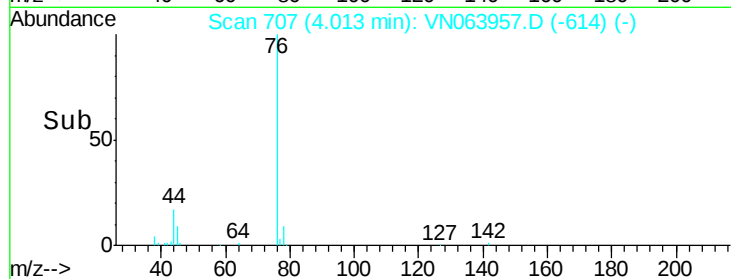
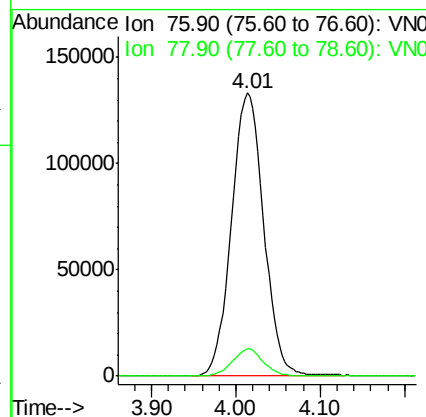
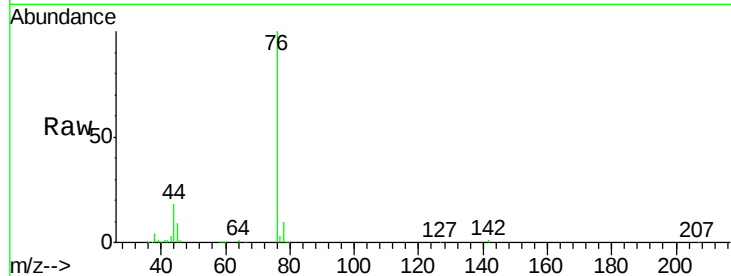
#17
Carbon Disulfide
Concen: 46.643 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.4

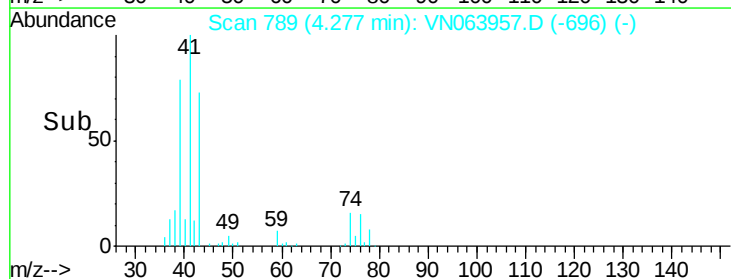
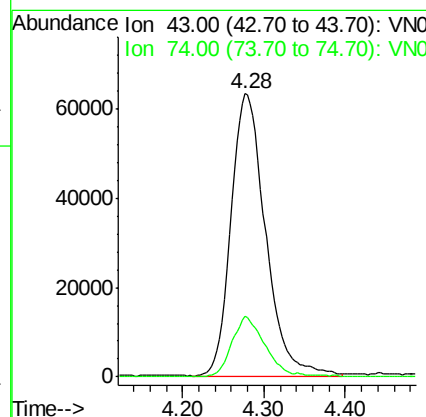
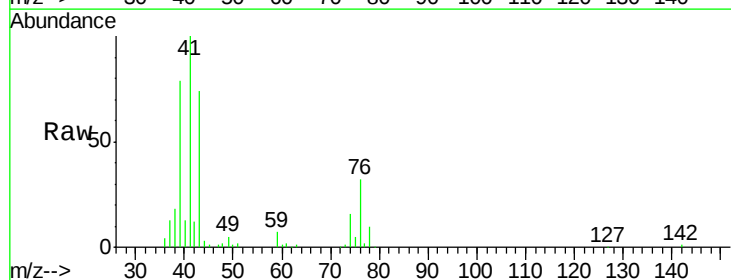
Manual Integrations
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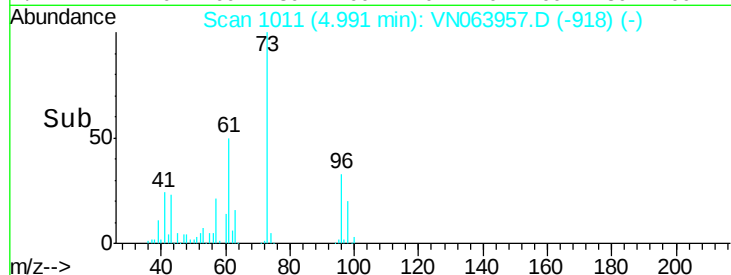
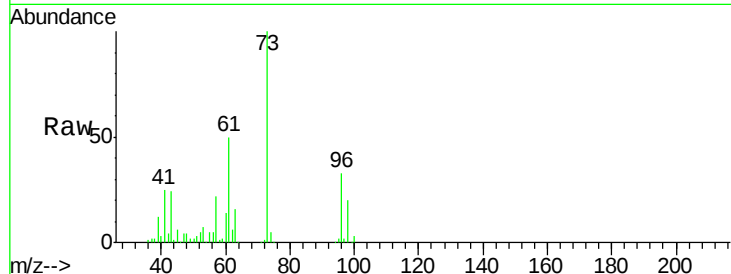
MMDadoda
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#18
Methyl Acetate
Concen: 50.530 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	17.4	26.2





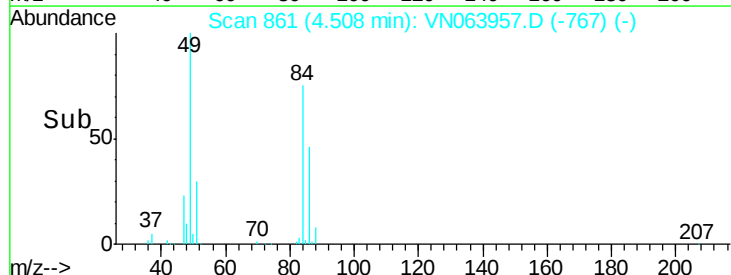
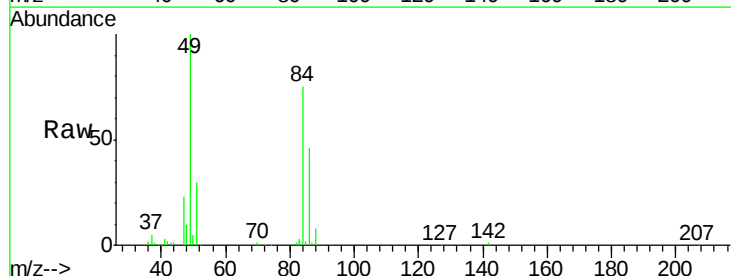
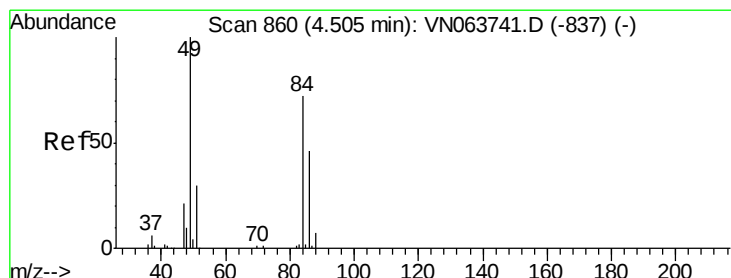
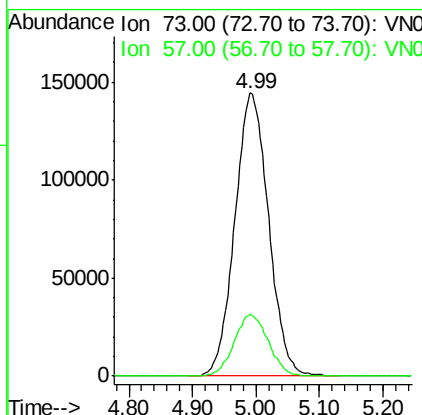
#19
Methvl tert-butvl Ether
Concen: 51.934 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tot Ion: 73 Resp: 532018
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

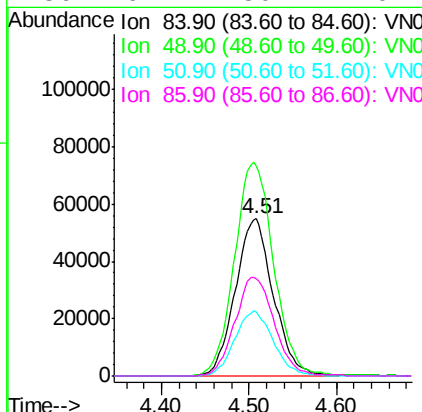
Manual Integrations
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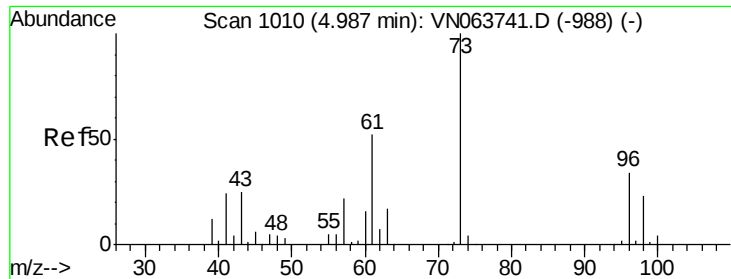
MMDadoda
10/8/2020 10:09:18 AM



#20
Methylene Chloride
Concen: 50.761 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion: 84 Resp: 165573
Ion Ratio Lower Upper
84 100
49 134.2 110.4 165.6
51 40.4 33.3 49.9
86 62.1 50.7 76.1





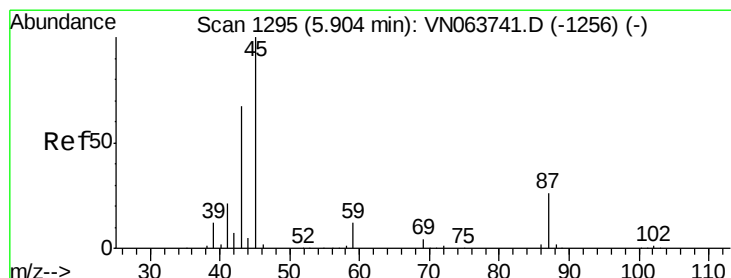
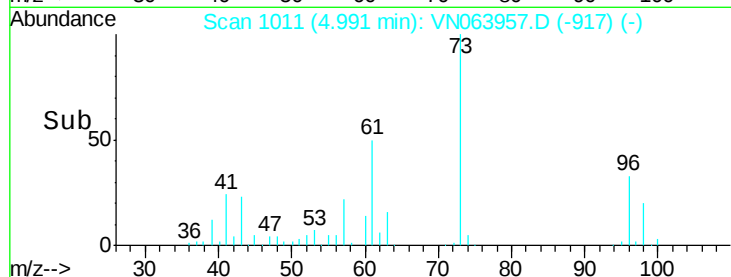
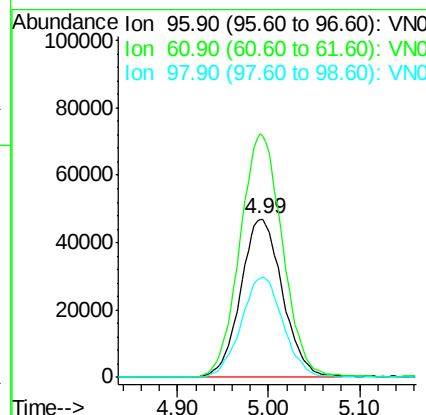
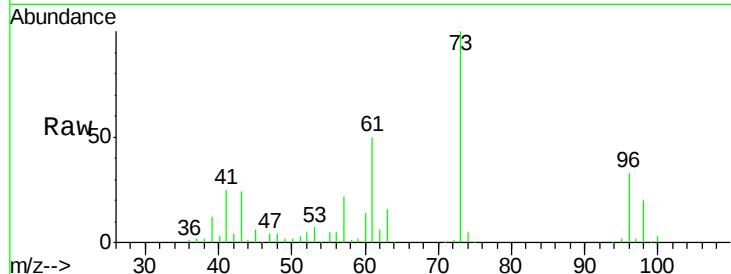
#21
trans-1,2-Dichloroethene
Concen: 47.682 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.6	120.2	180.2
98	62.7	52.6	79.0

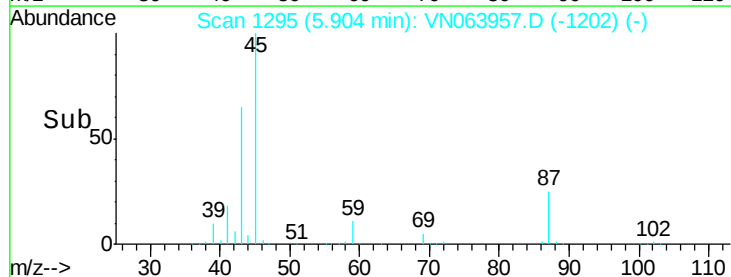
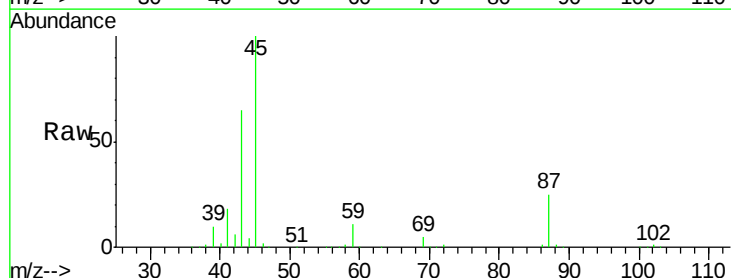
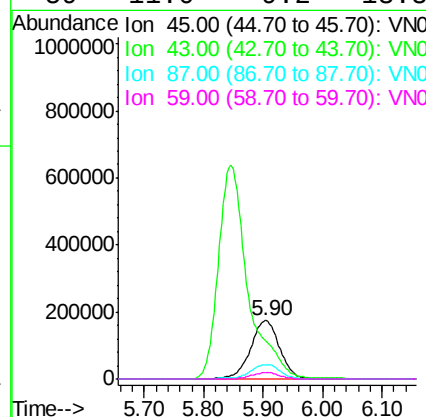
Manual Integrations
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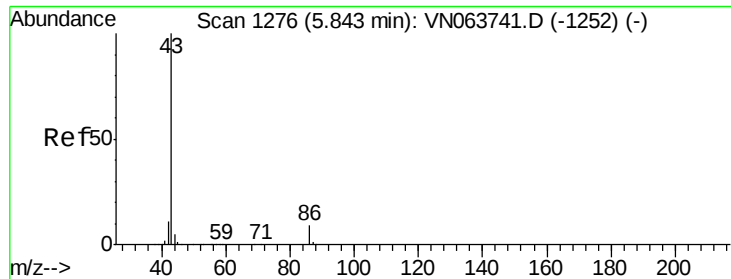
MMDadoda
10/8/2020 10:09:18 AM



#22
Diisopropyl ether
Concen: 55.476 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.9	53.7	80.5
87	24.6	21.1	31.7
59	11.0	9.2	13.8





#23

Vinyl Acetate

Concen: 247.068 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampled :

B-6-MW-2MSD

Tot Ion: 43 Resp: 2205776

Ion Ratio Lower Upper

43 100

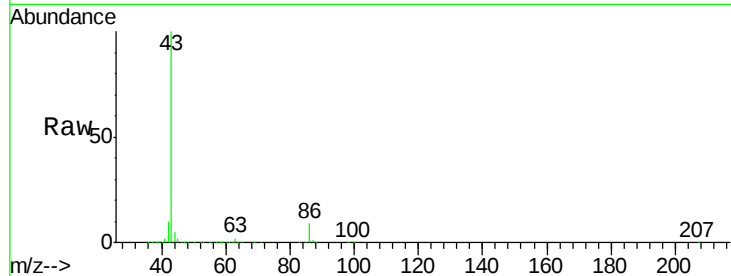
86 8.7 7.3 10.9

Manual Integrations

APPROVED

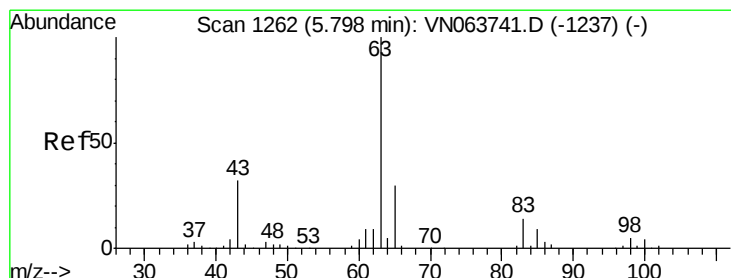
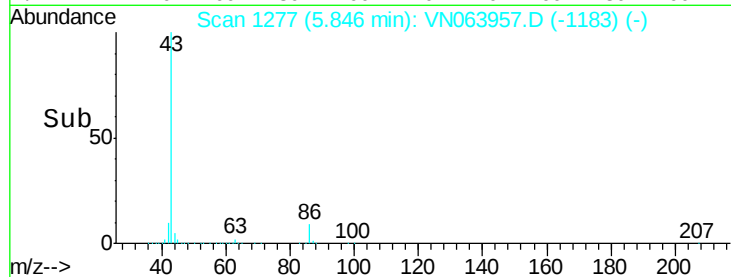
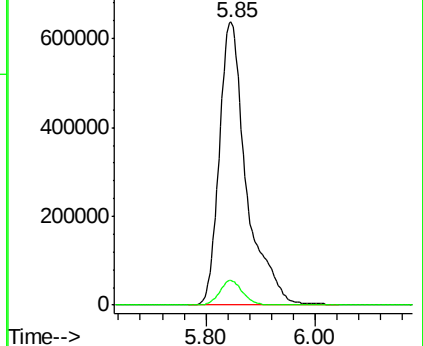
MMDadoda

10/8/2020 10:09:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.488 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

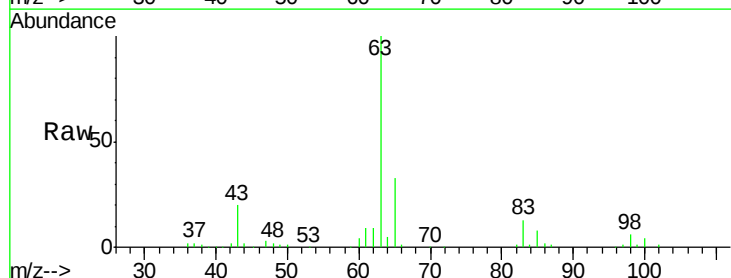
Tgt Ion: 63 Resp: 311126

Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

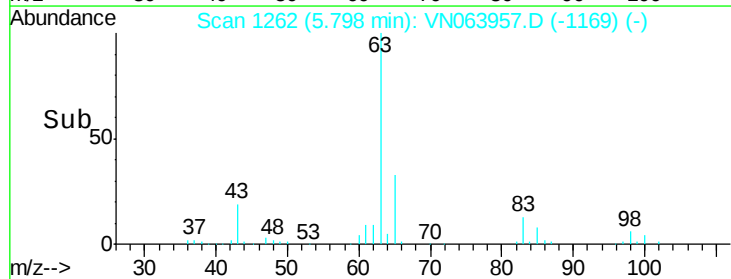
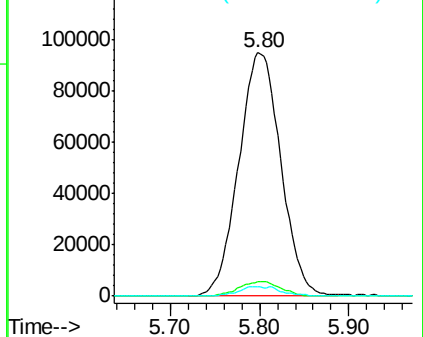
100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 272.923 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 43 Resp: 551013

Ion Ratio Lower Upper

43 100

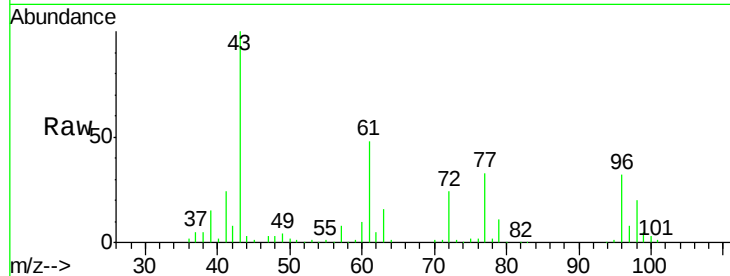
72 24.0 19.3 28.9

Manual Integrations

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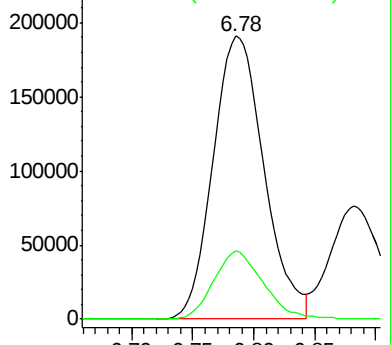
MMDadoda

10/8/2020 10:09:18 AM

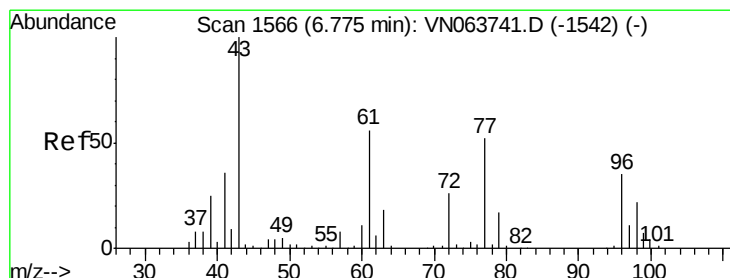
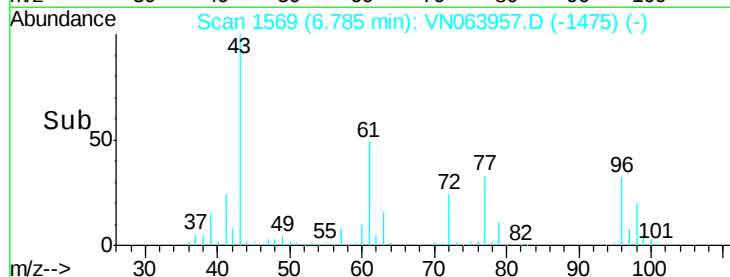


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 38.595 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063957.D

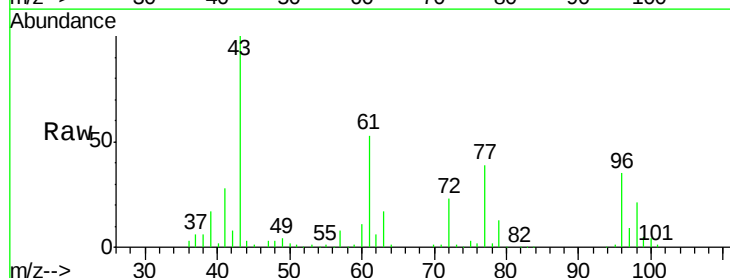
Acq: 7 Oct 2020 20:55

Tgt Ion: 77 Resp: 217806

Ion Ratio Lower Upper

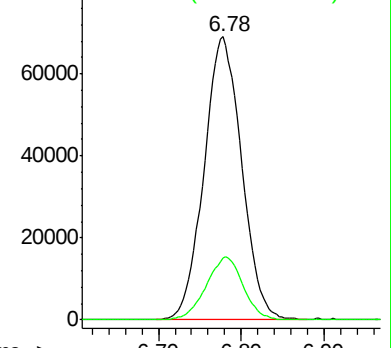
77 100

97 21.8 10.8 32.3

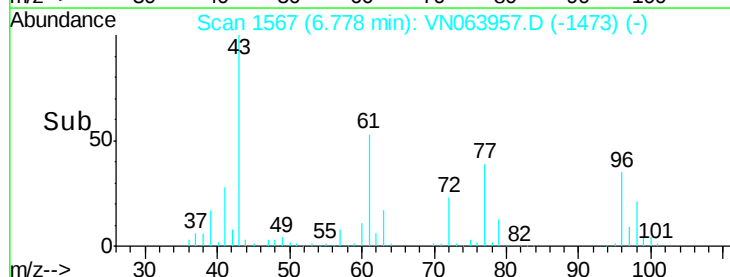


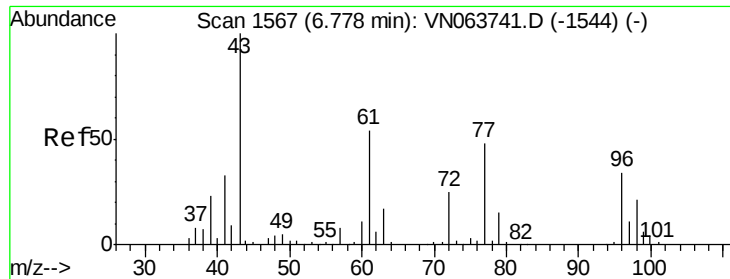
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.831 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

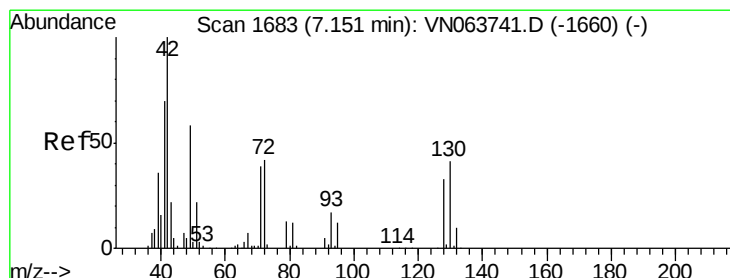
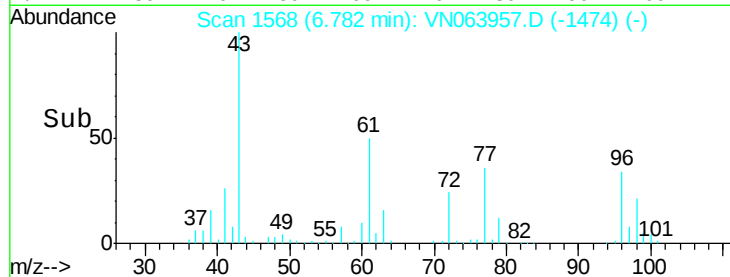
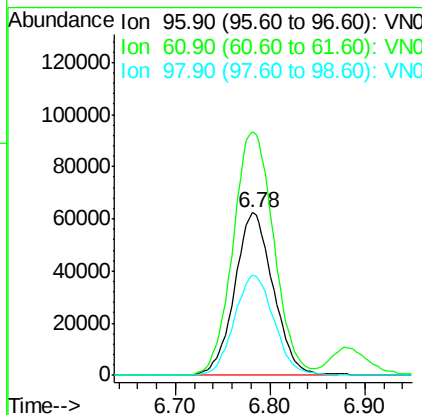
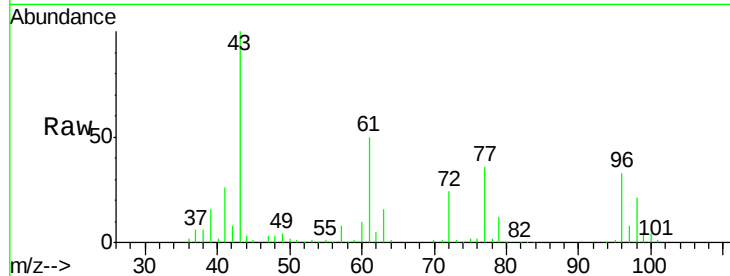
ClientSampleId :

B-6-MW-2MSD

Tot Ion:	96	Resp:	177373
Ion	Ratio	Lower	Upper
96	100		
61	157.6	0.0	321.2
98	63.3	0.0	124.4

Manual Integrations
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#28

Bromochloromethane

Concen: 50.586 ug/l

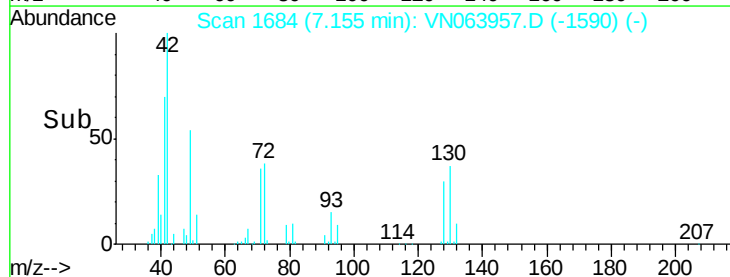
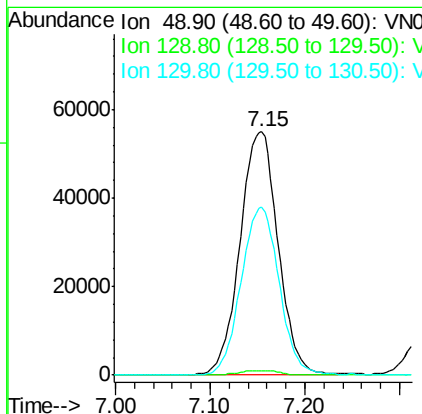
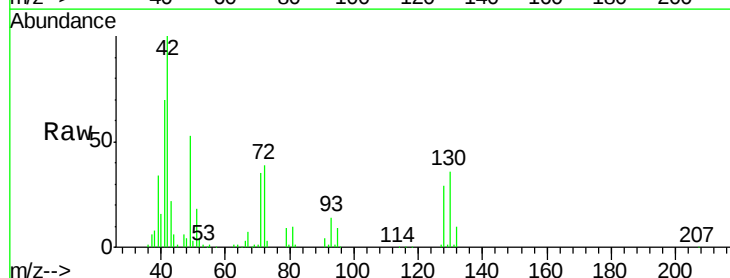
RT: 7.15 min Scan# 1684

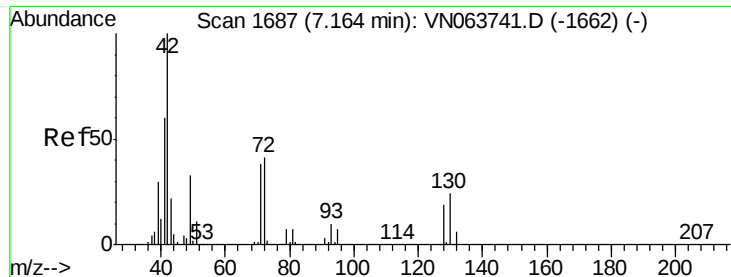
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion:	49	Resp:	154072
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	68.8	55.6	83.4





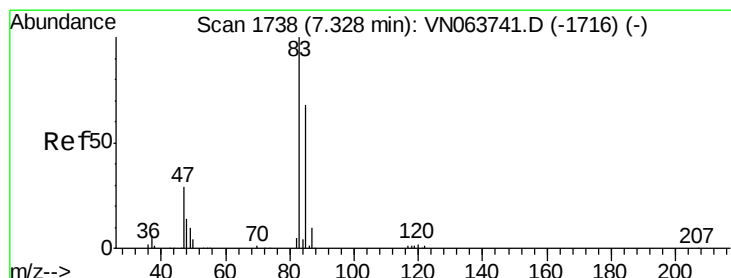
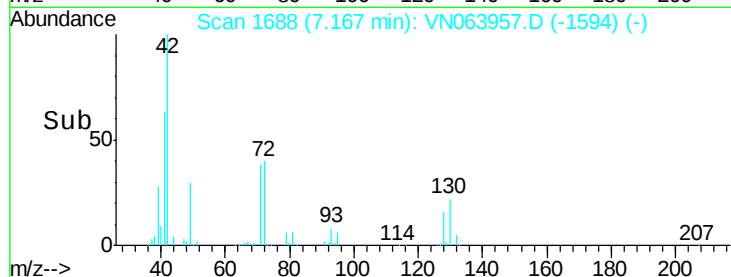
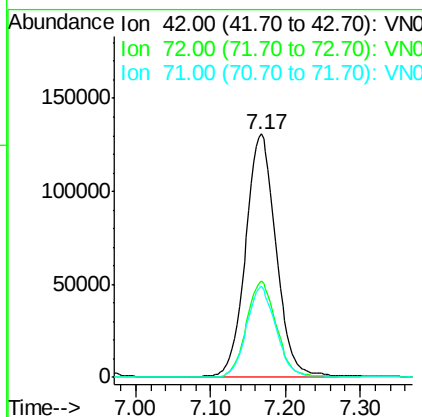
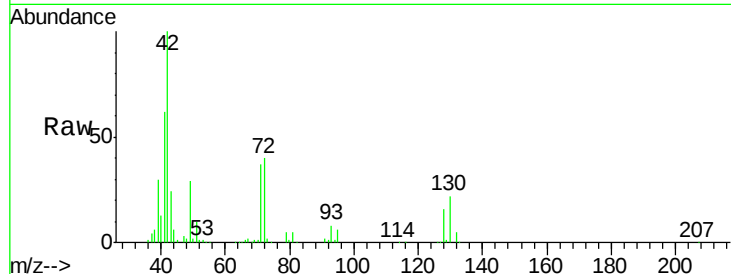
#29
Tetrahydrofuran
Concen: 273.558 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.8	49.2
71	36.2	30.6	45.8

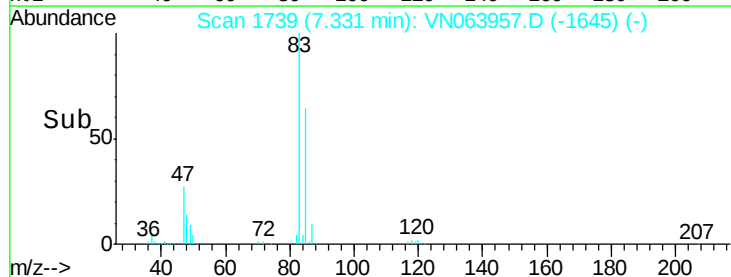
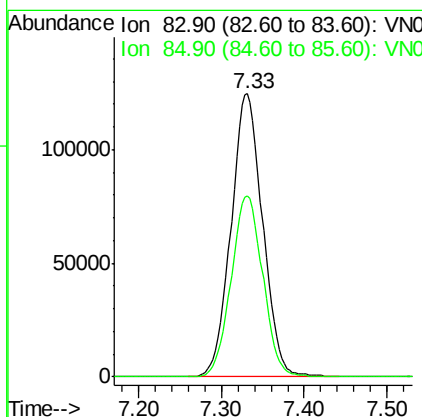
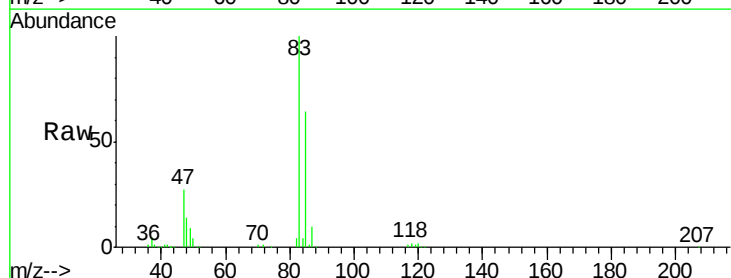
Manual Integrations
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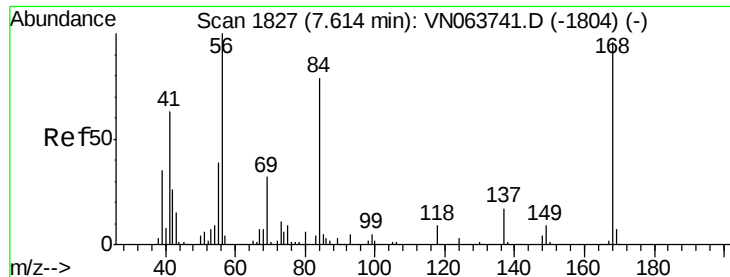
MMDadoda
10/8/2020 10:09:18 AM



#30
Chloroform
Concen: 51.422 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	54.6	82.0





#31

Cyclohexane

Concen: 47.338 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampled :

B-6-MW-2MSD

Tot Ion: 56 Resp: 254230

Ion Ratio Lower Upper

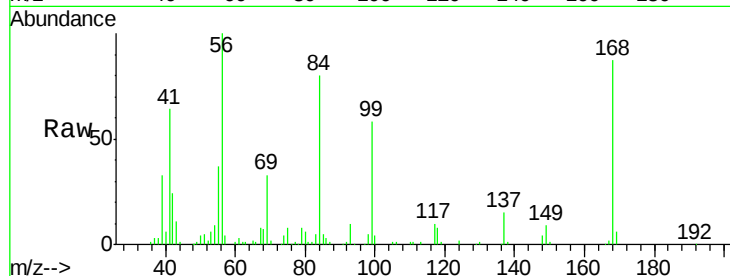
56 100

69 32.7 25.4 38.2

84 79.1 63.3 94.9

Manual Integrations
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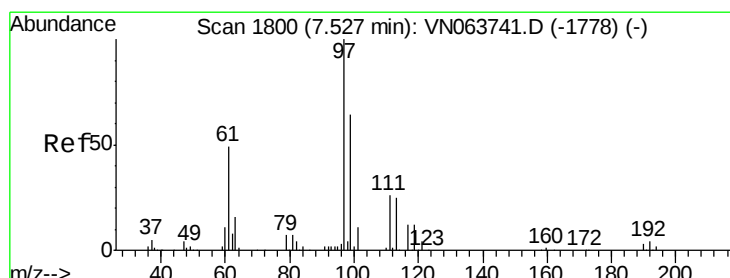
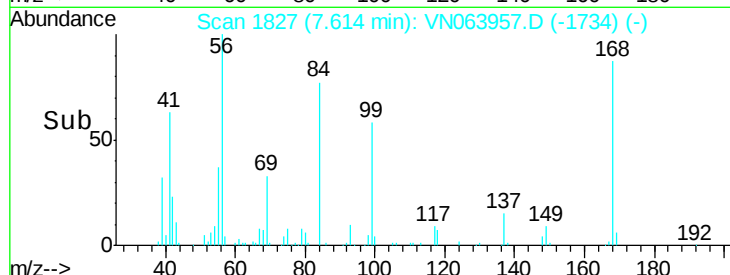
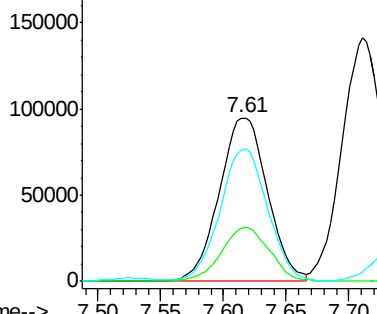
MMDadoda
10/8/2020 10:09:18 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.049 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

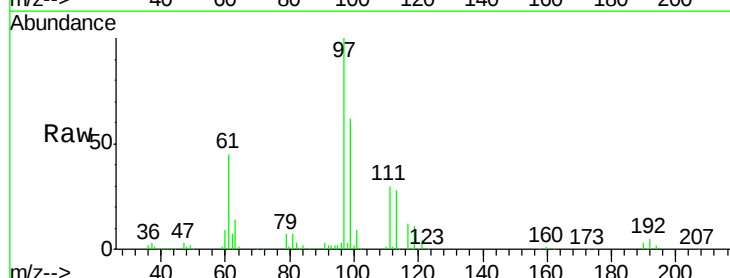
Tgt Ion: 97 Resp: 295856

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

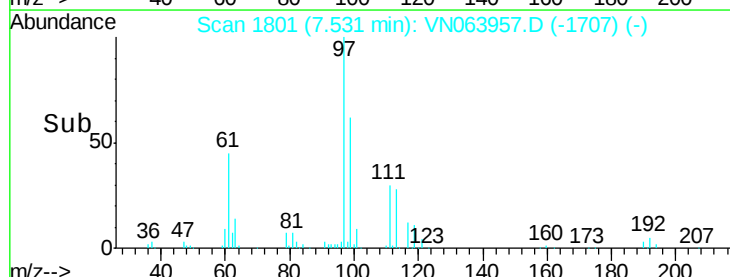
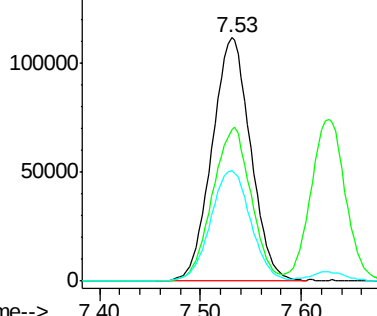
61 46.9 38.7 58.1

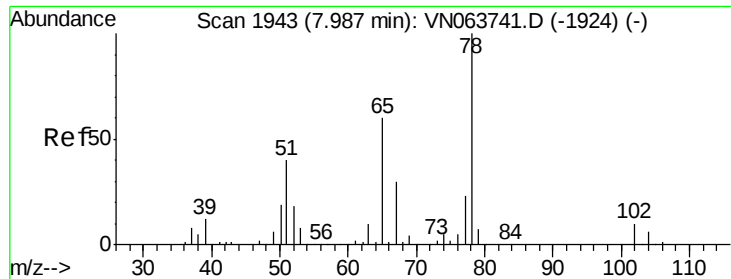


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





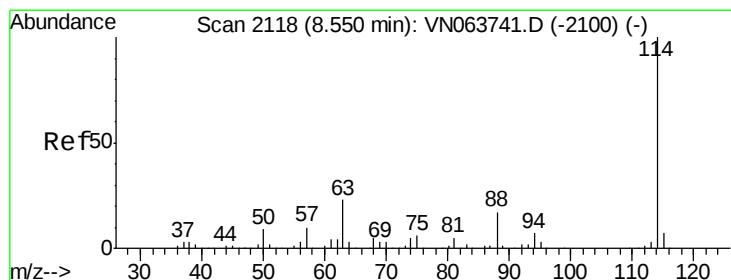
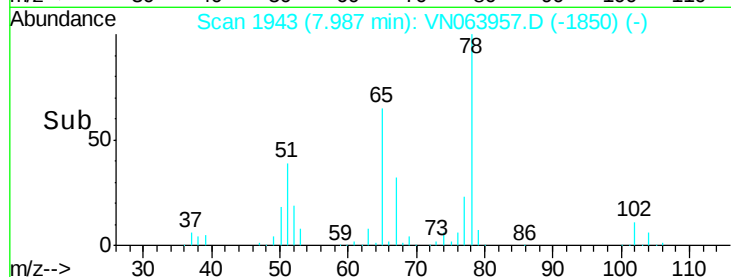
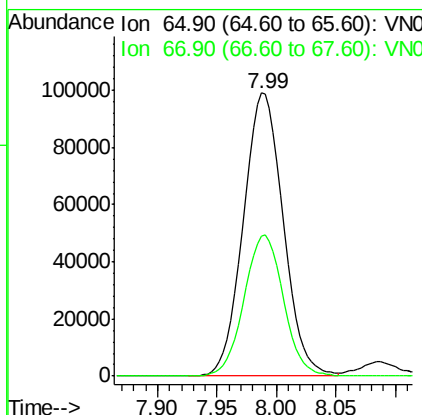
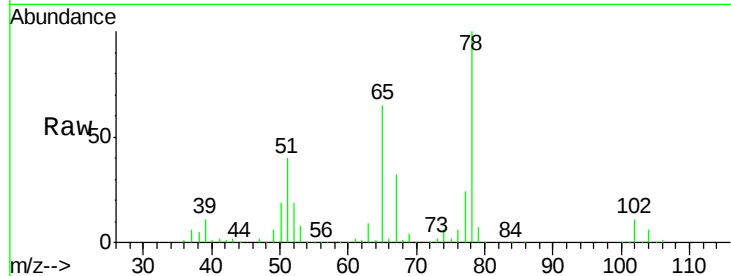
#33
 1,2-Dichloroethane-d4
 Concen: 49.876 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230728		
67	49.1	0.0	99.6	

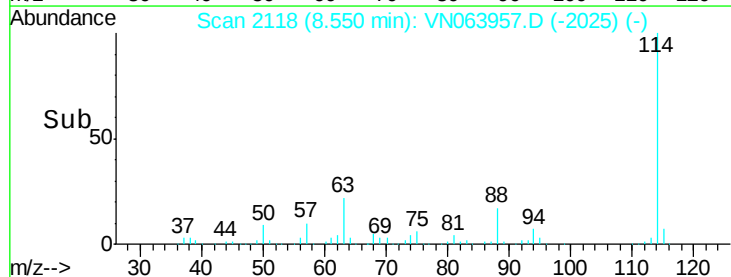
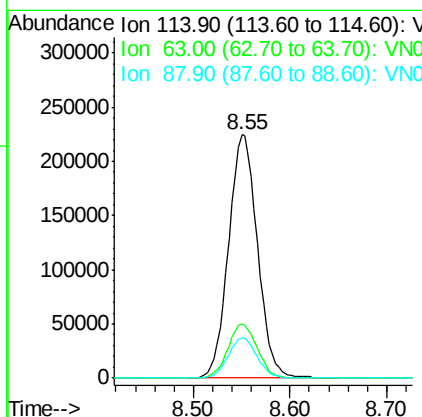
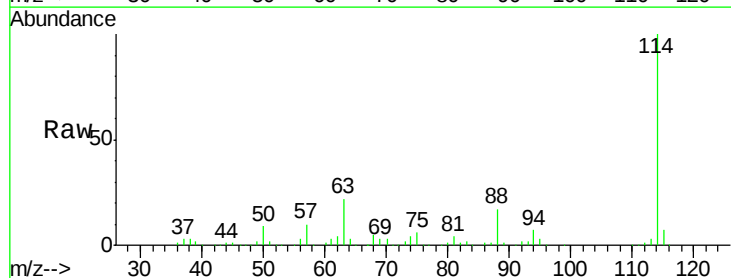
Manual Integrations
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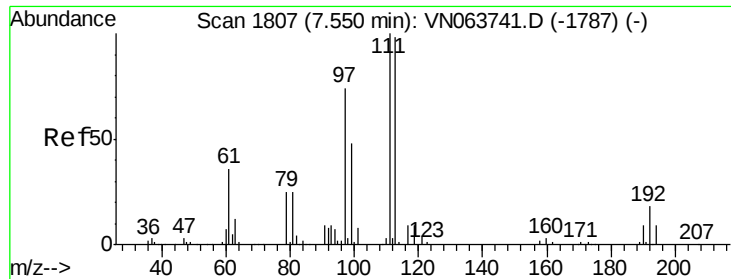
MMDadoda
 10/8/2020 10:09:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	466533		
63	22.4	0.0	45.0	
88	16.7	0.0	34.0	





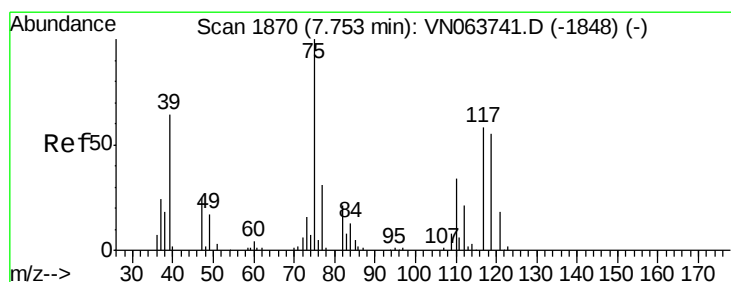
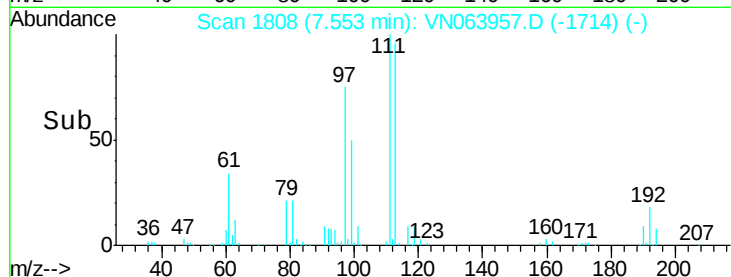
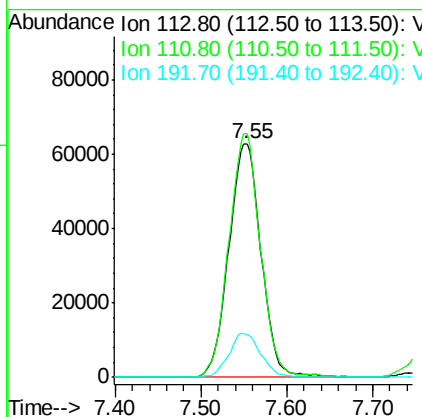
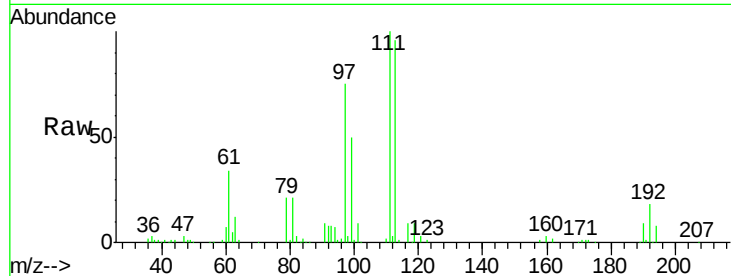
#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163344		
111	101.5	81.8	122.8	
192	18.7	14.2	21.2	

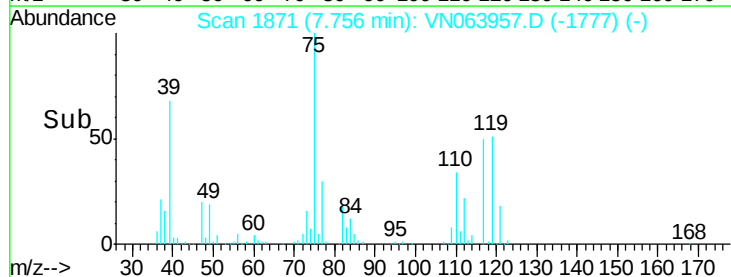
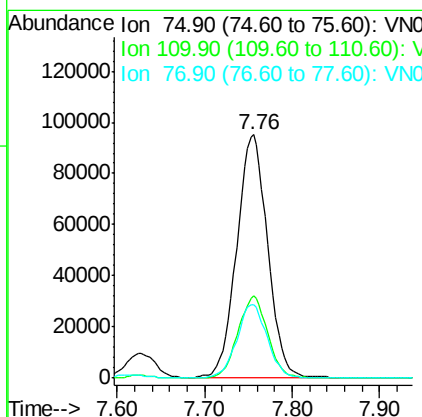
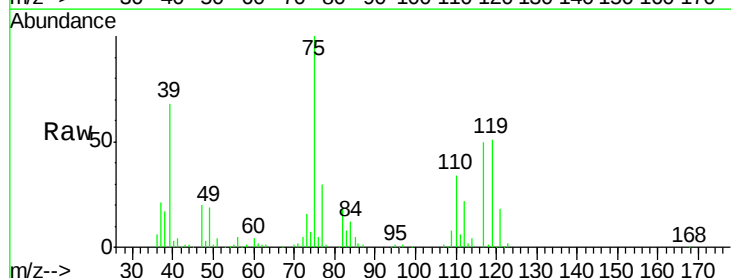
Manual Integrations
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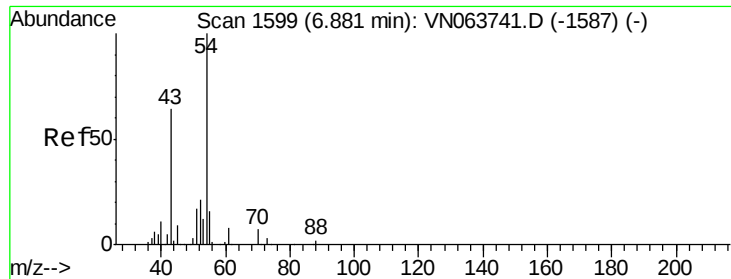
MMDadoda
10/8/2020 10:09:18 AM



#36
1,1-Dichloropropene
Concen: 48.981 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231506		
110	32.6	16.9	50.6	
77	30.1	24.5	36.7	





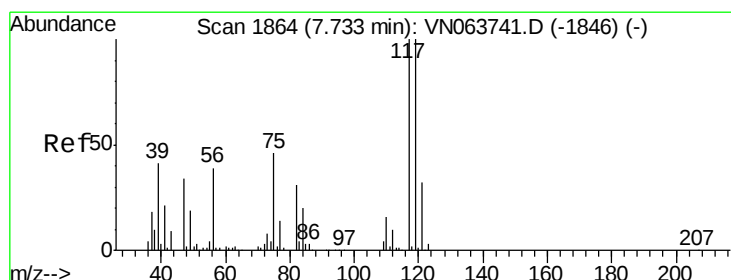
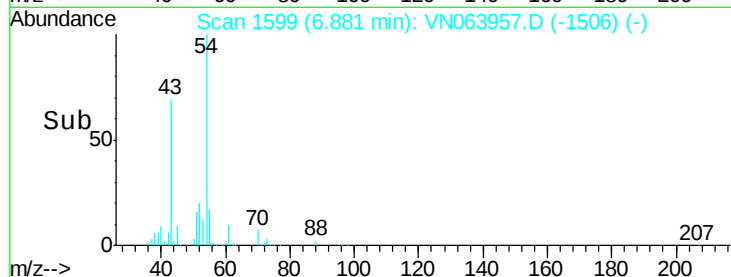
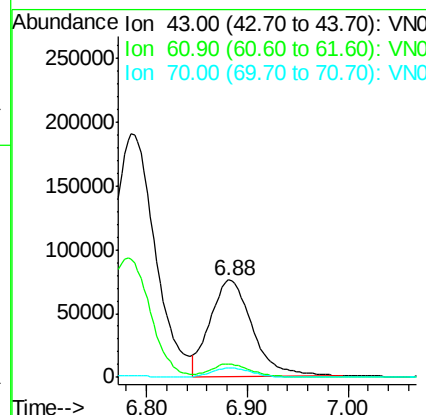
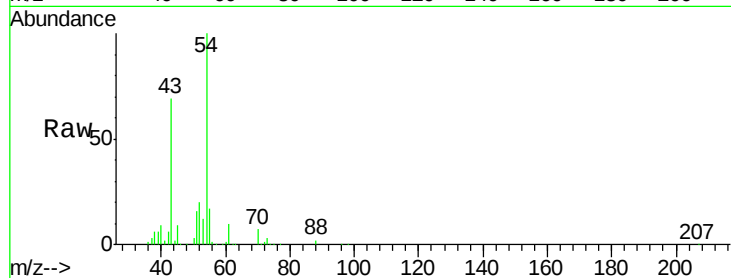
#37
Ethyl Acetate
Concen: 46.891 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampled :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.3	7.3	10.9

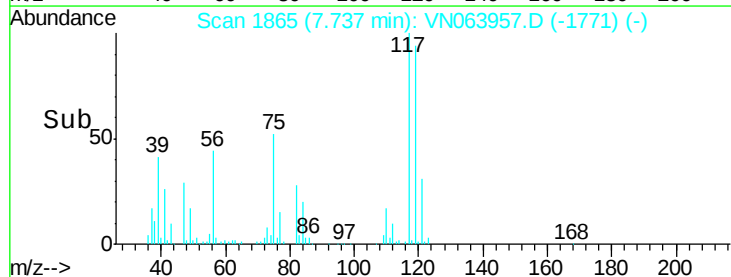
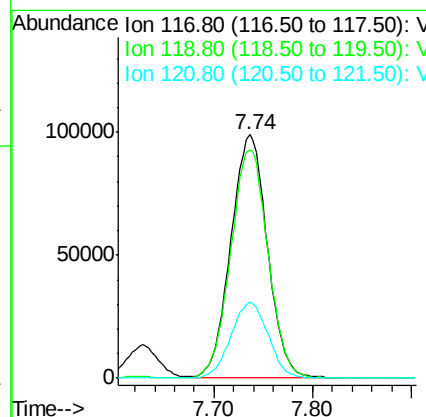
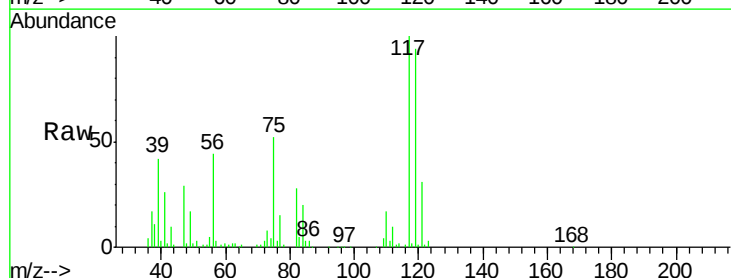
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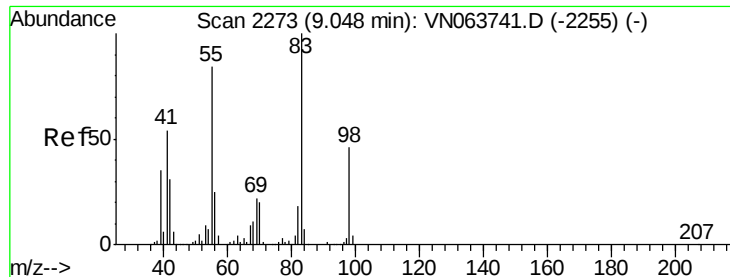
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#38
Carbon Tetrachloride
Concen: 48.244 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	80.1	120.1
121	31.0	25.7	38.5





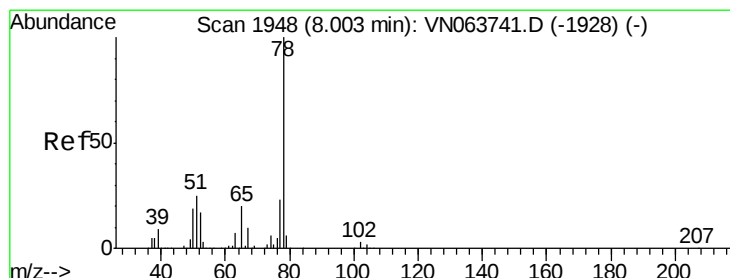
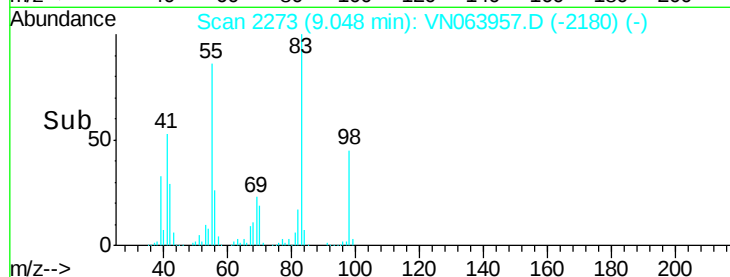
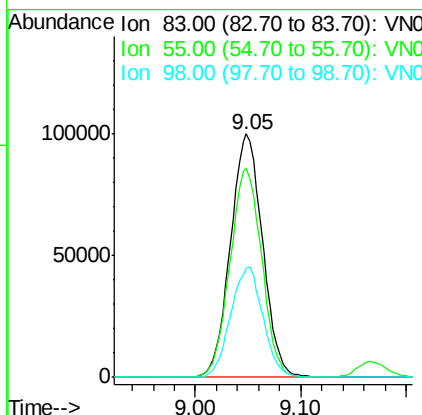
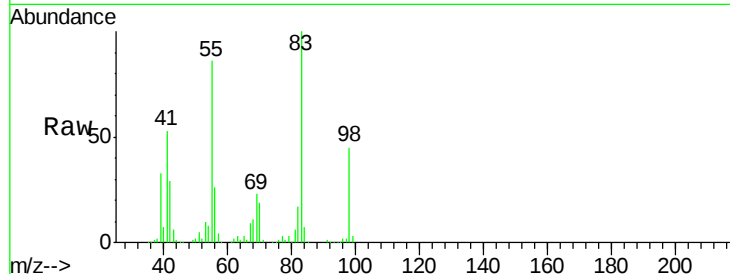
#39
Methvlcvclohexane
Concen: 44.685 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.1	67.1	100.7	
98	44.7	36.6	54.8	

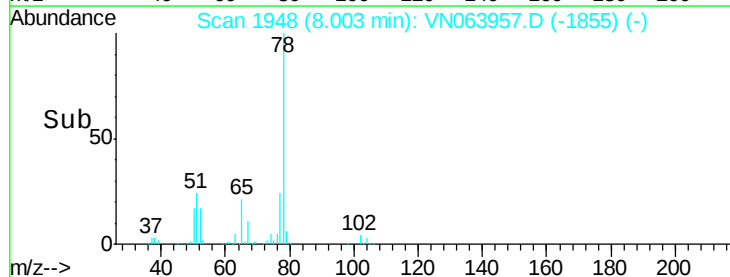
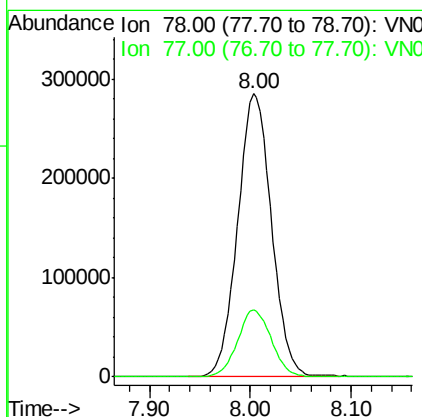
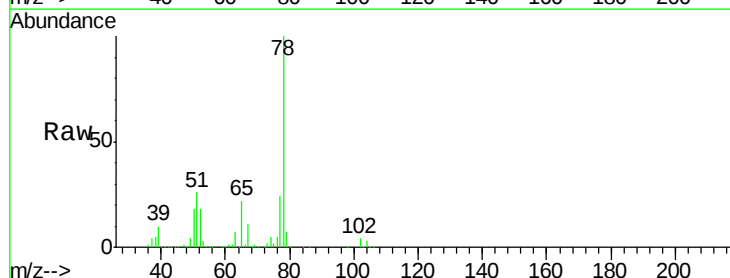
Manual Integrations
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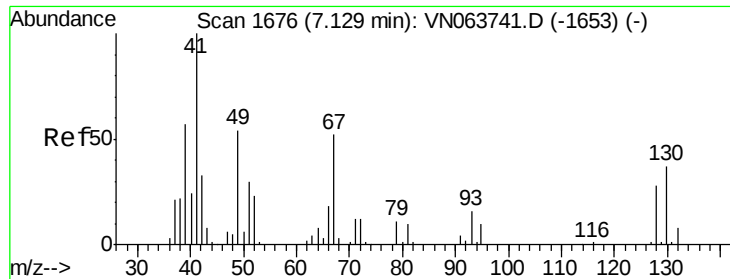
MMDadoda
10/8/2020 10:09:18 AM



#40
Benzene
Concen: 49.164 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.7	28.1	





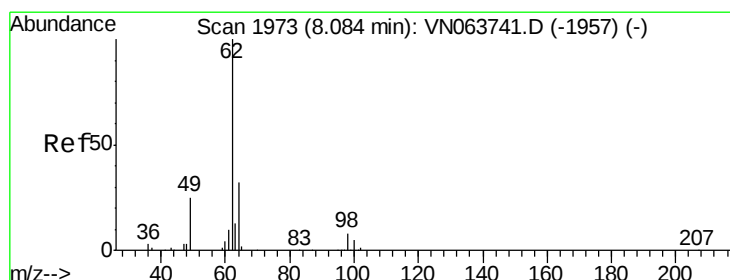
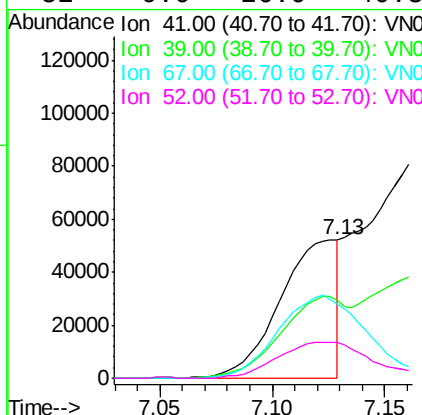
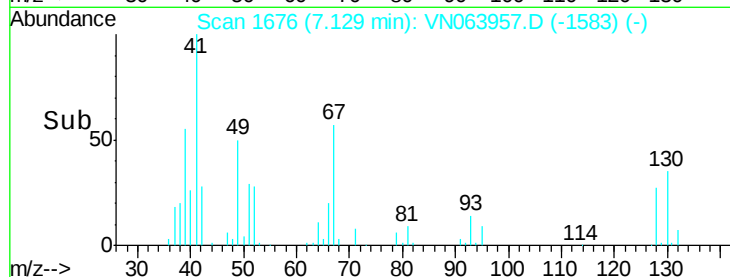
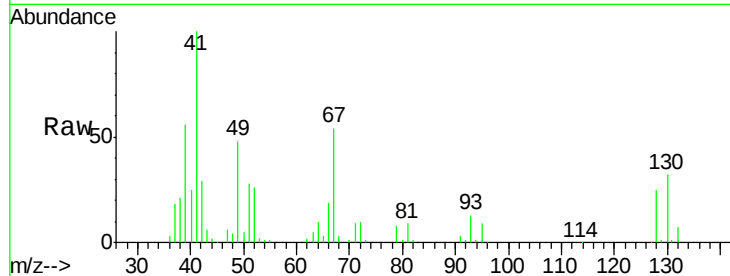
#41
Methacrylonitrile
Concen: 44.754 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

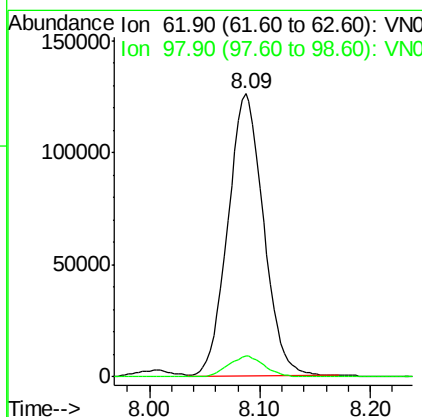
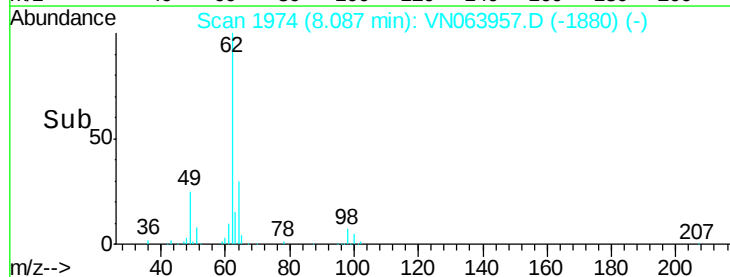
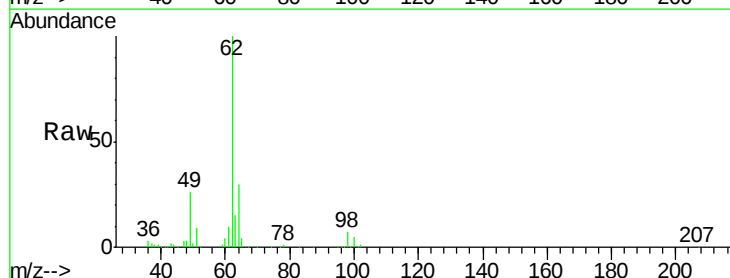
Manual Integrations
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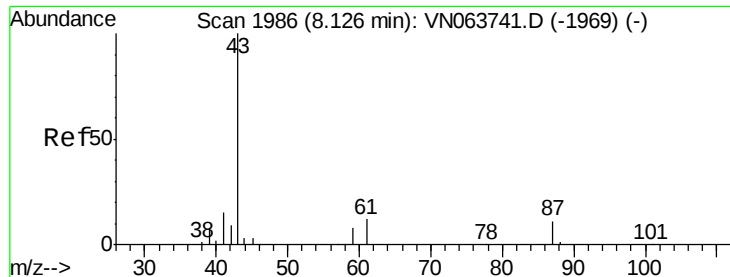
MMDadoda
10/8/2020 10:09:18 AM



#42
1,2-Dichloroethane
Concen: 49.126 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0





#43

Isopropyl Acetate

Concen: 50.050 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

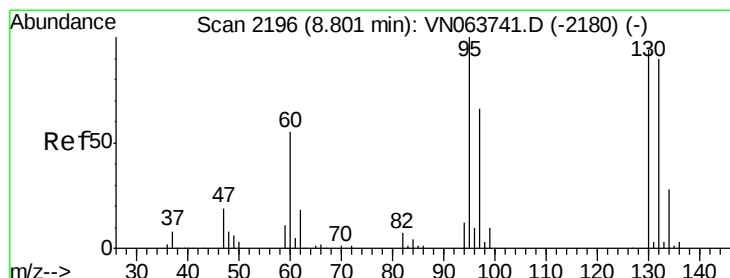
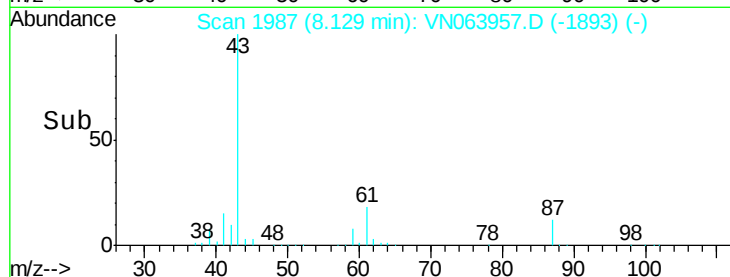
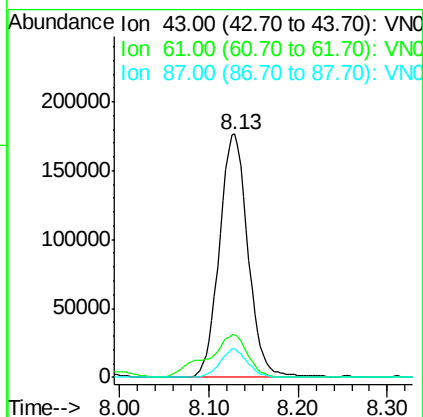
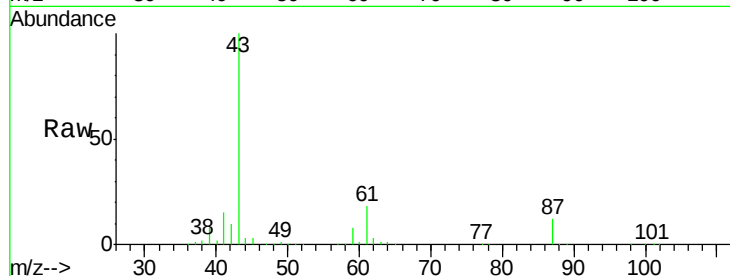
B-6-MW-2MSD

Tot Ion: 43 Resp: 387662

Ion	Ratio	Lower	Upper
43	100		
61	24.6	14.2	21.4#
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 47.455 ug/l

RT: 8.80 min Scan# 2196

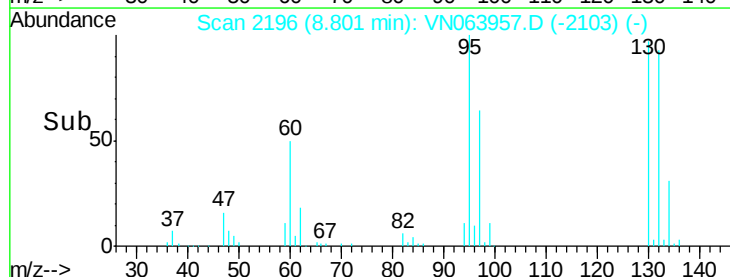
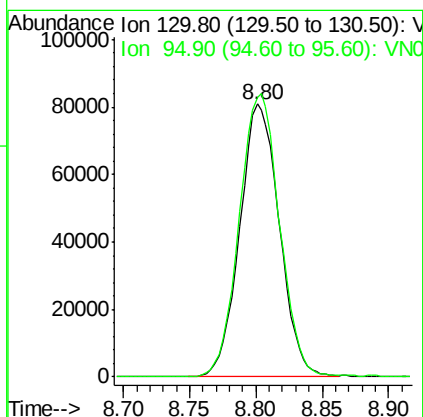
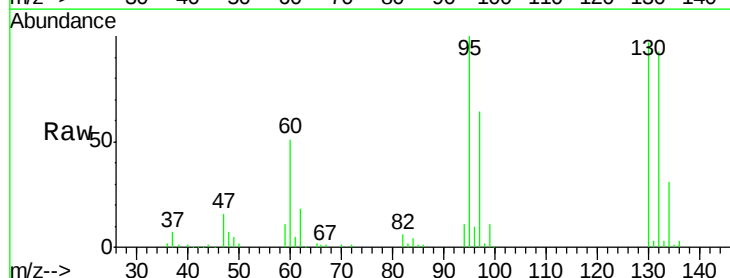
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion: 130 Resp: 167857

Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	213.6





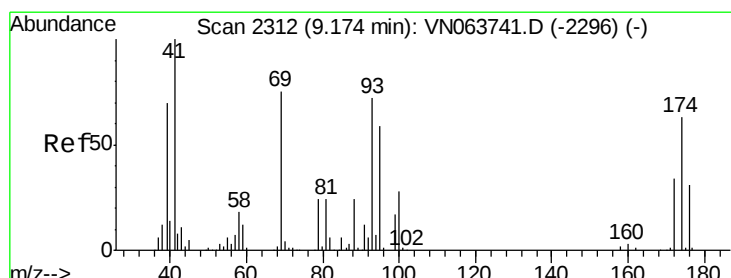
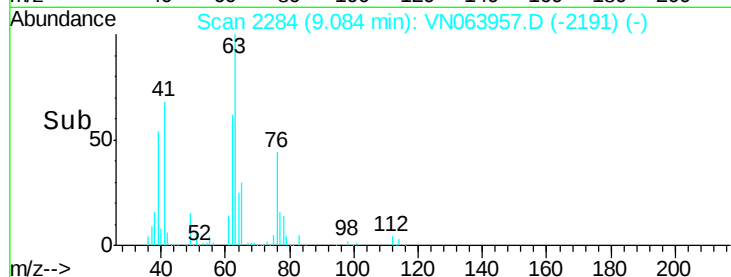
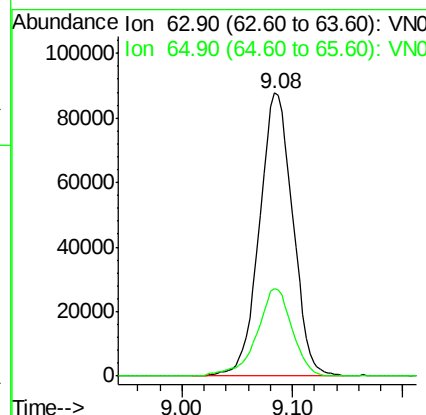
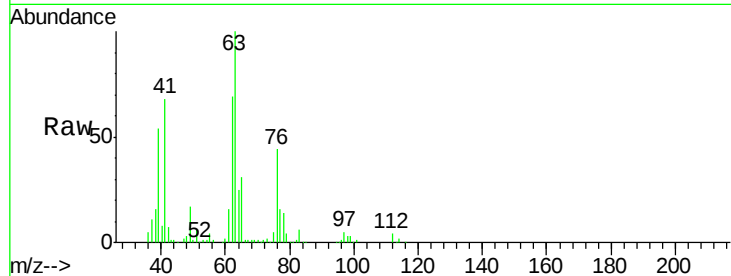
#45
 1,2-Dichloropropane
 Concen: 50.436 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion: 63 Resp: 183883
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

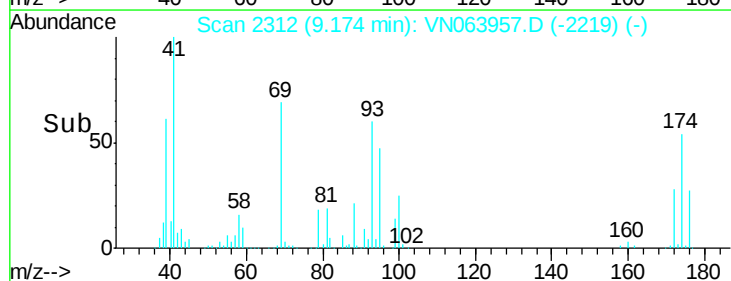
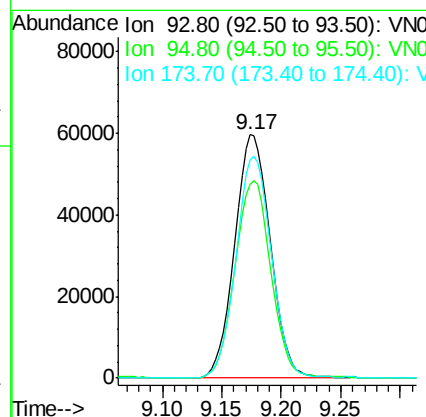
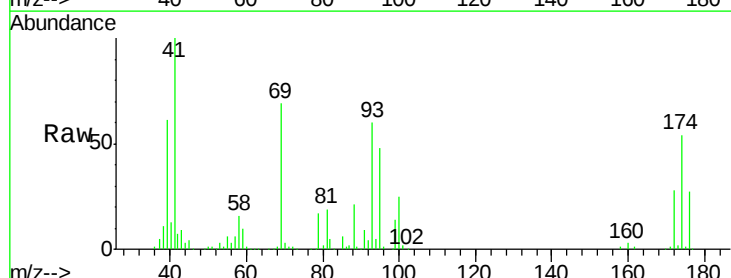
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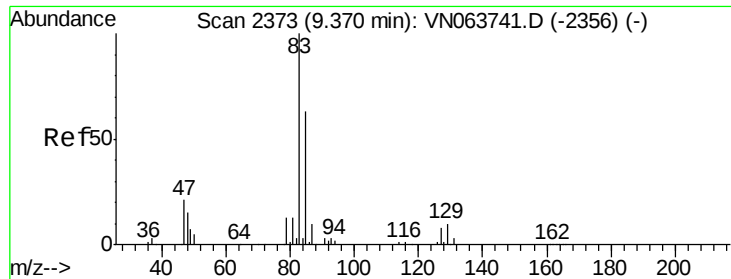
MMDadoda
 10/8/2020 10:09:18 AM



#46
 Dibromomethane
 Concen: 49.371 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion: 93 Resp: 124174
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.3 99.5
 174 90.6 72.7 109.1





#47

Bromodichloromethane

Concen: 50.715 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

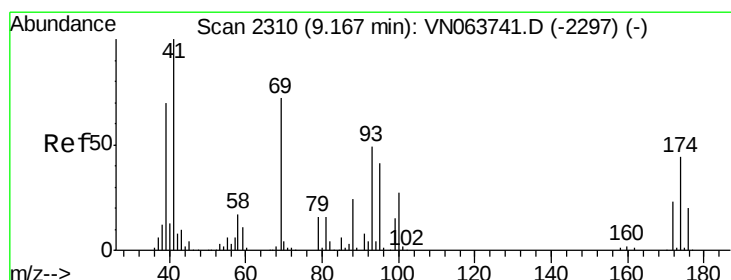
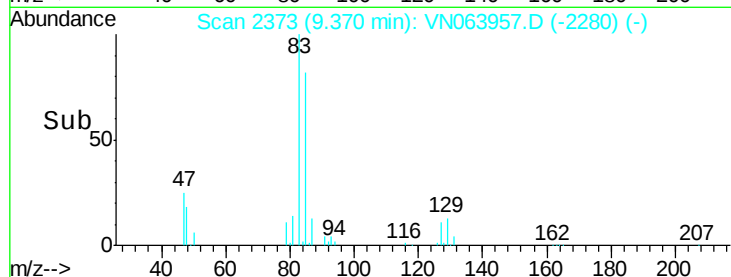
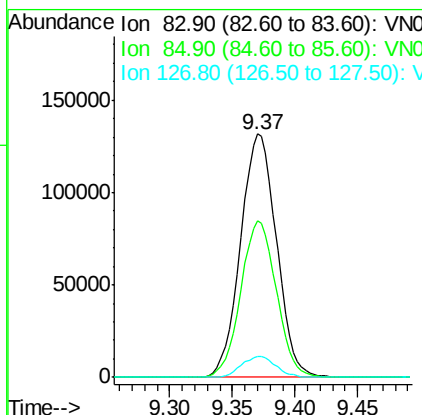
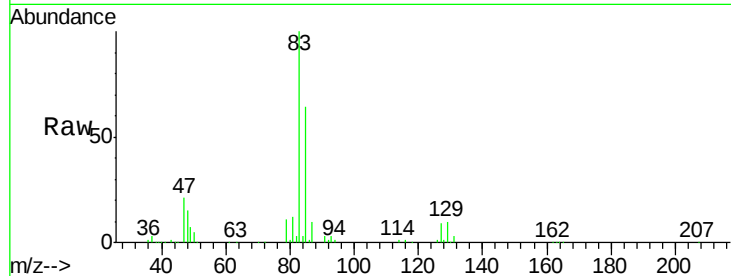
ClientSampleId :

B-6-MW-2MSD

Tot Ion:	83	Resp:	262880
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	75.8
127	8.7	6.6	9.8

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#48

Methyl methacrylate

Concen: 54.410 ug/l

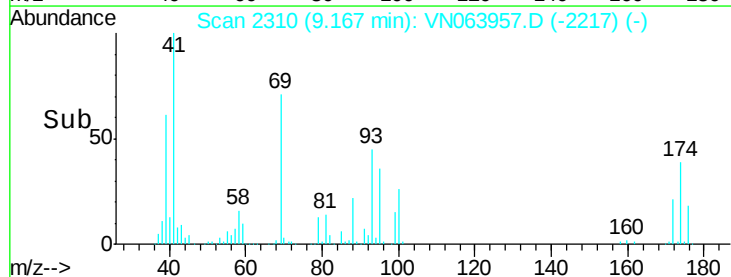
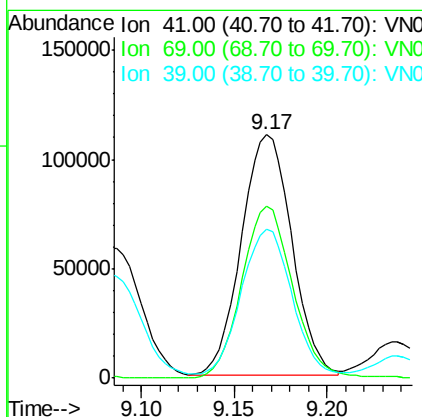
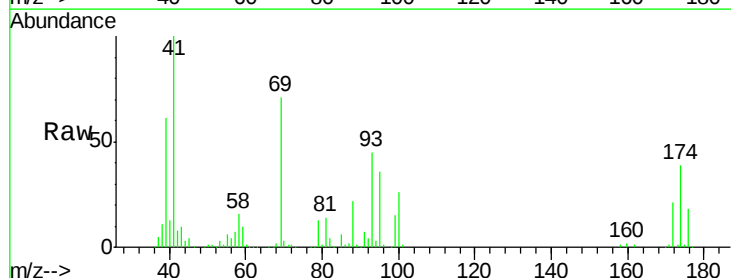
RT: 9.17 min Scan# 2310

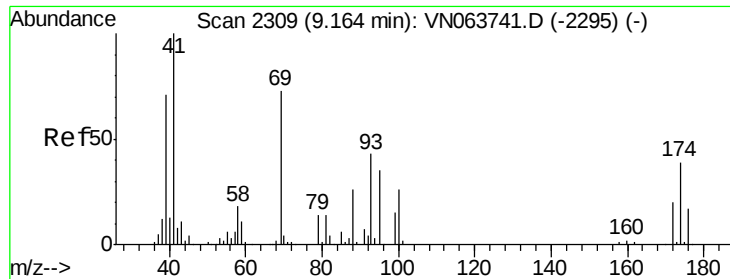
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion:	41	Resp:	208214
Ion	Ratio	Lower	Upper
41	100		
69	72.6	60.9	91.3
39	62.9	57.5	86.3





#49

1,4-Dioxane

Concen: 941.298 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

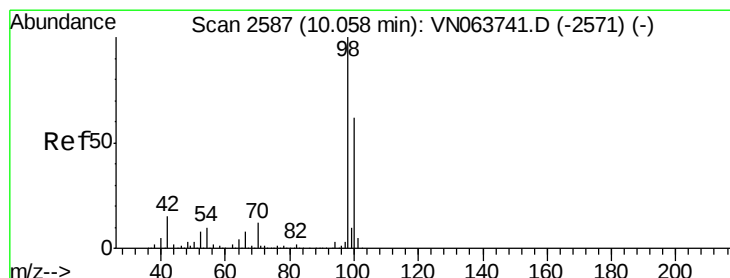
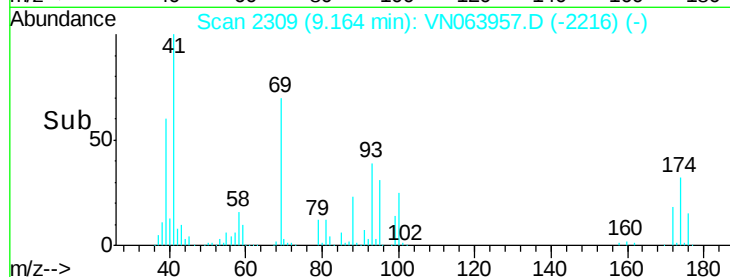
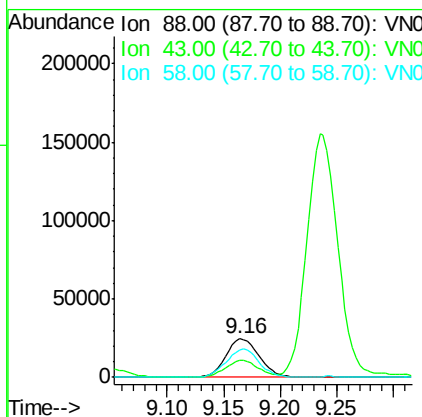
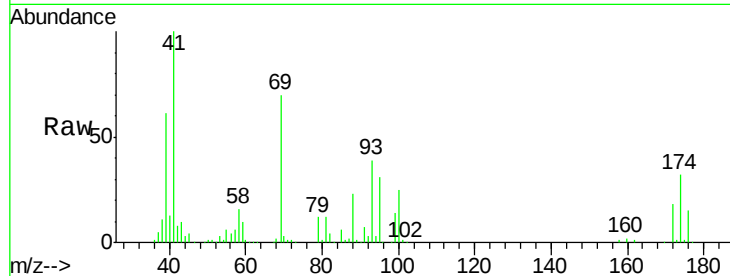
ClientSampleId :

B-6-MW-2MSD

Tot Ion:	88	Resp:	51194
Ion	Ratio	Lower	Upper
88	100		
43	41.2	33.1	49.7
58	72.4	58.9	88.3

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#50

Toluene-d8

Concen: 48.458 ug/l

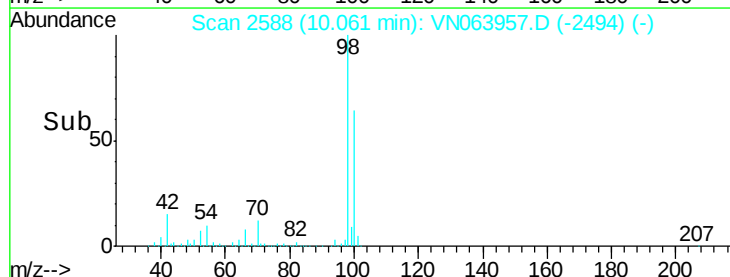
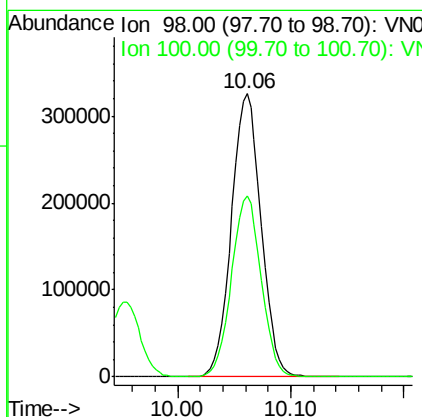
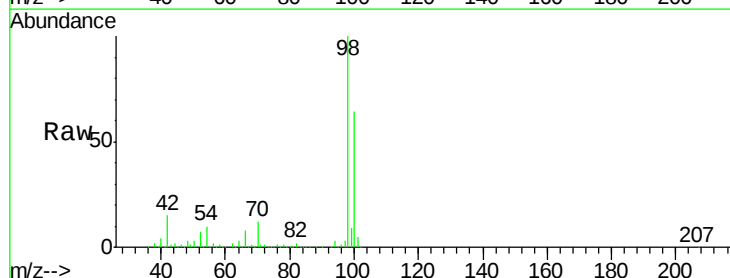
RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion:	98	Resp:	594659
Ion	Ratio	Lower	Upper
98	100		
100	63.9	49.8	74.6





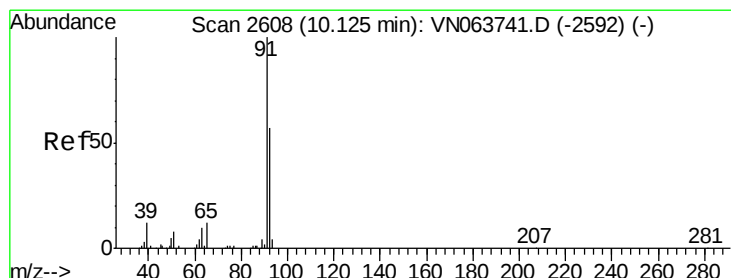
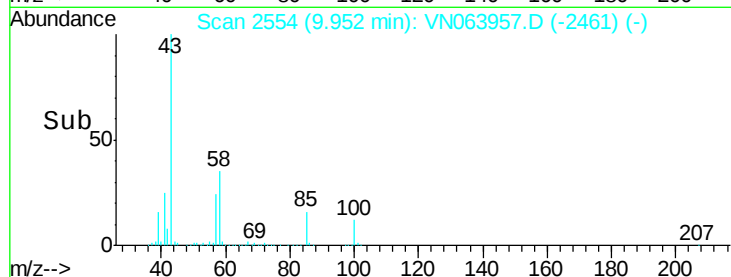
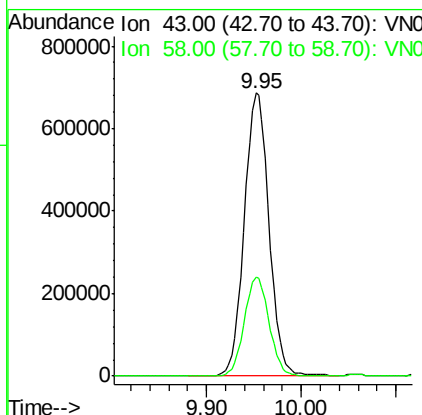
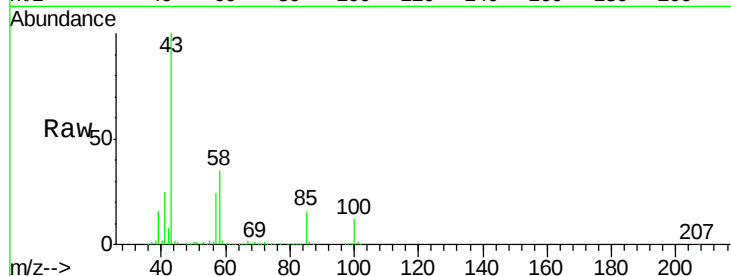
#51
4-Methyl-2-Pentanone
Concen: 273.104 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion: 43 Resp: 1241368
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6

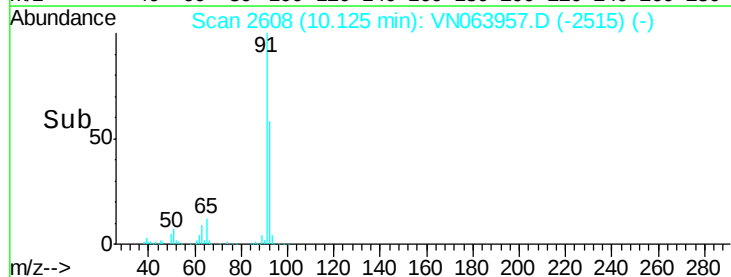
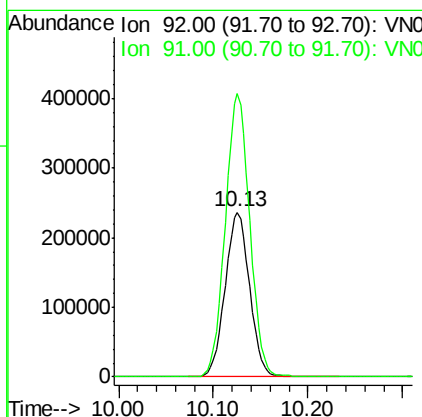
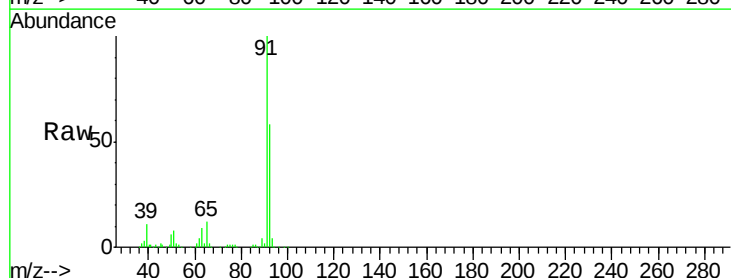
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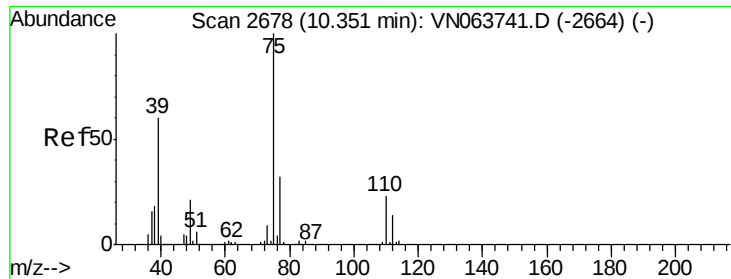
MMDadoda
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#52
Toluene
Concen: 50.900 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion: 92 Resp: 425023
Ion Ratio Lower Upper
92 100
91 171.6 140.6 210.8





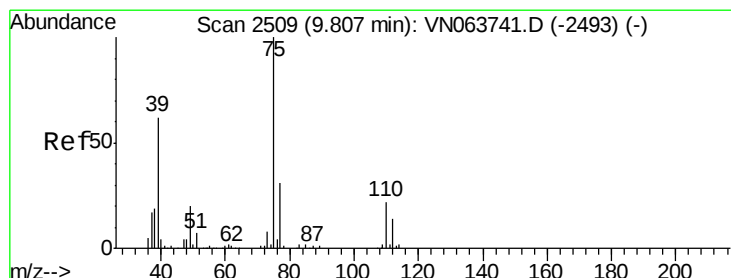
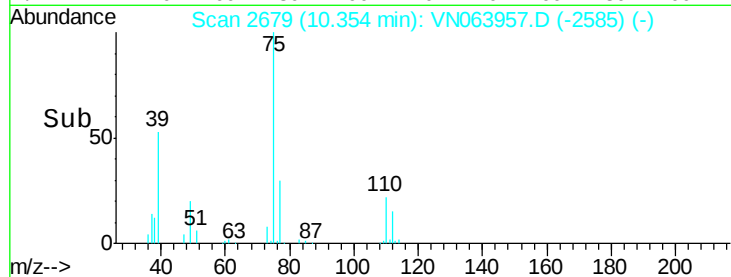
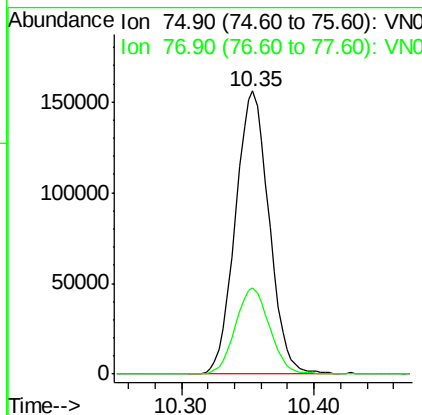
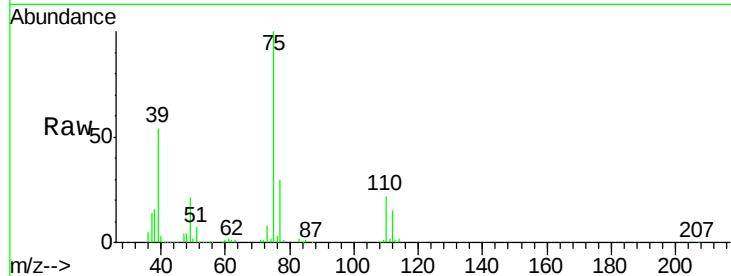
#53
t-1,3-Dichloropropene
Concen: 49.511 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion: 75 Resp: 275101
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9

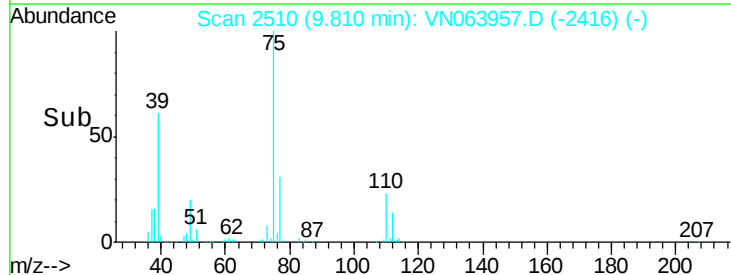
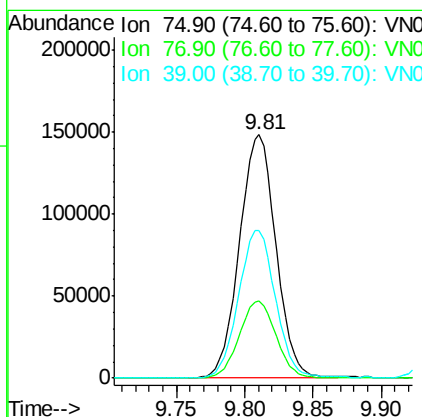
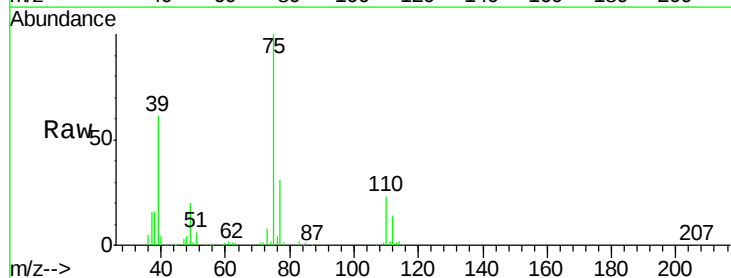
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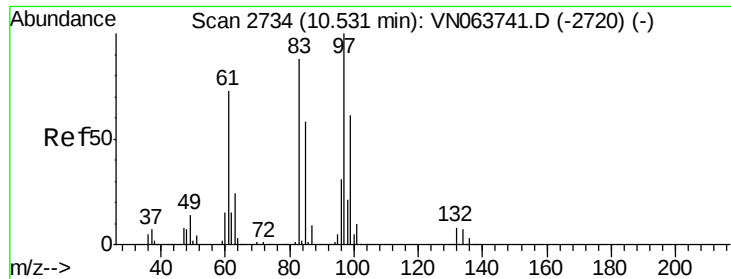
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#54
cis-1,3-Dichloropropene
Concen: 47.419 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion: 75 Resp: 275554
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 60.7 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 51.213 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 97 Resp: 171495

Ion Ratio Lower Upper

97 100

83 84.2 70.7 106.1

85 56.0 46.1 69.1

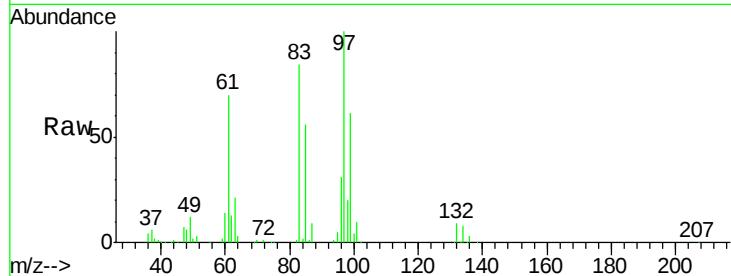
99 60.7 48.8 73.2

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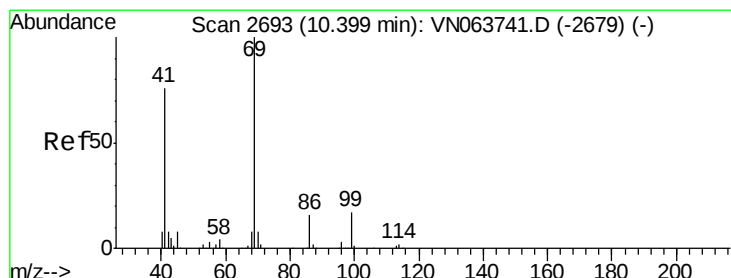
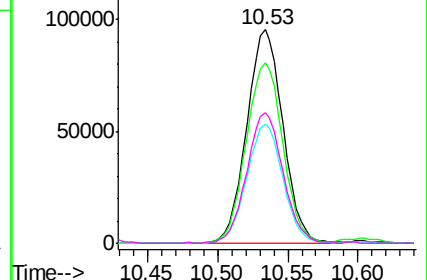
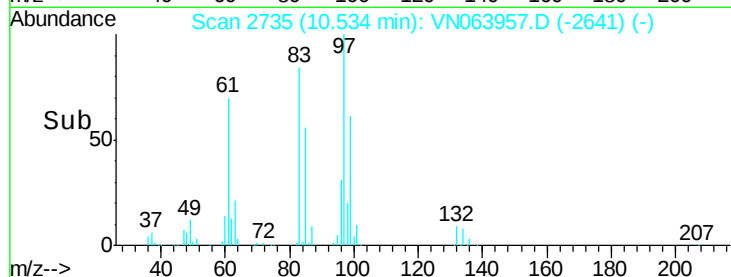


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 54.430 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

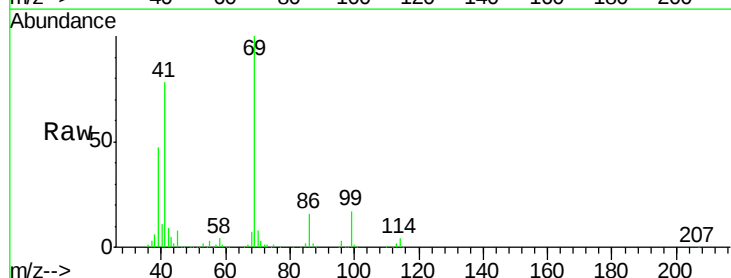
Tgt Ion: 69 Resp: 258357

Ion Ratio Lower Upper

69 100

41 76.9 61.1 91.7

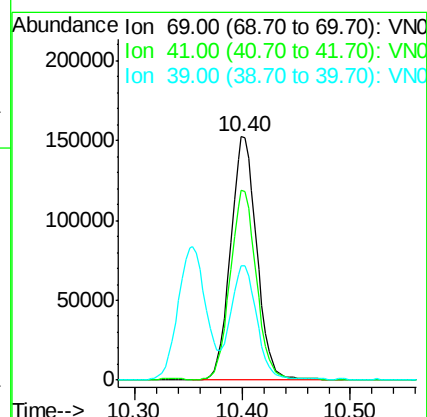
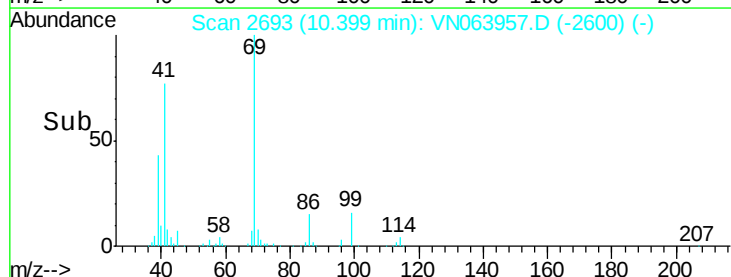
39 46.0 42.2 63.4

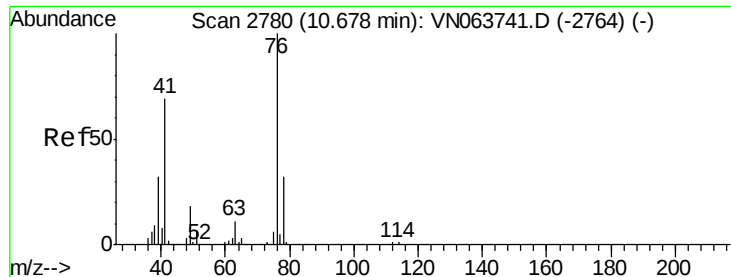


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.095 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 76 Resp: 289477

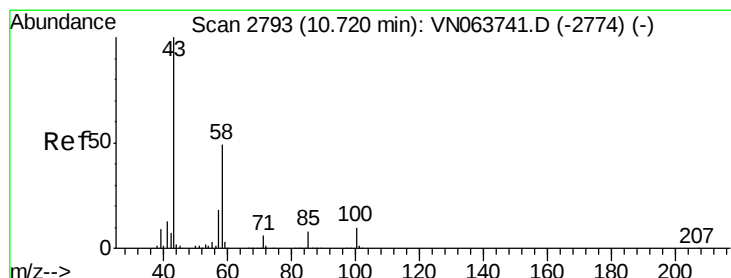
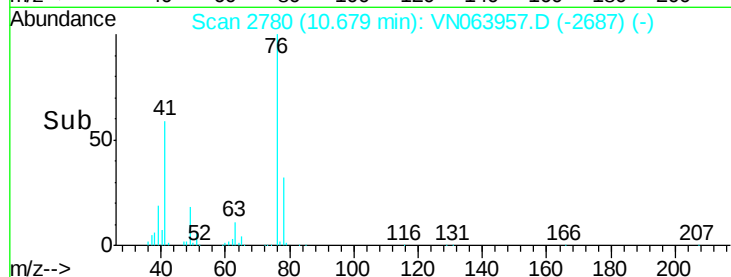
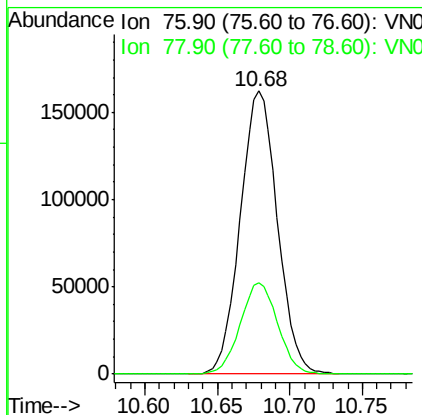
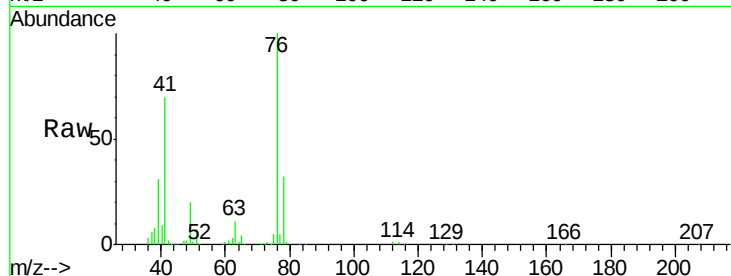
Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8

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#59

2-Hexanone

Concen: 266.647 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063957.D

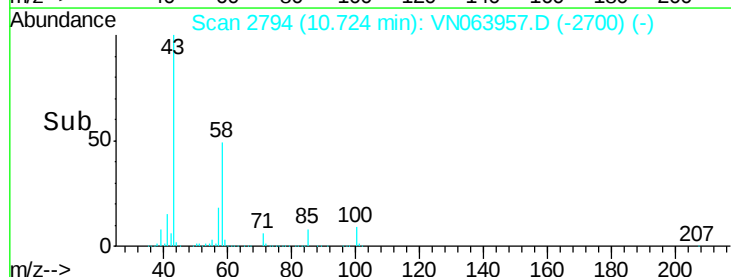
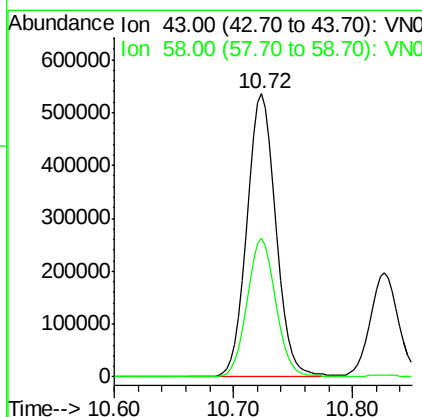
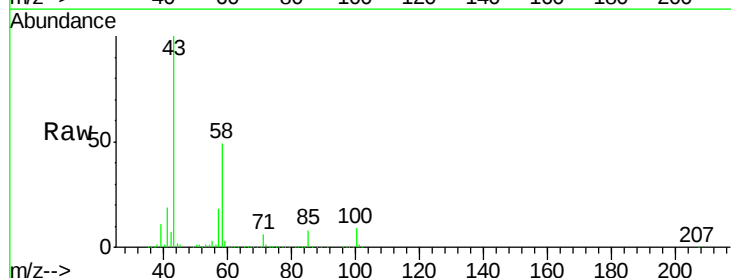
Acq: 7 Oct 2020 20:55

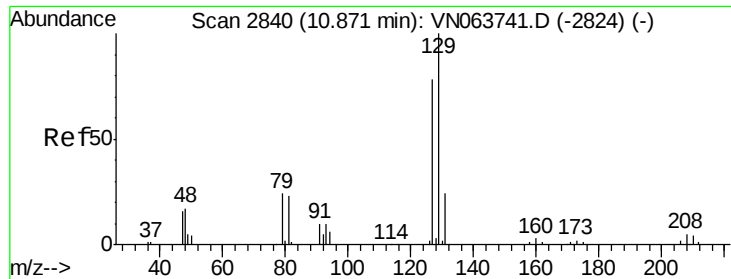
Tgt Ion: 43 Resp: 900362

Ion Ratio Lower Upper

43 100

58 48.7 24.6 73.8





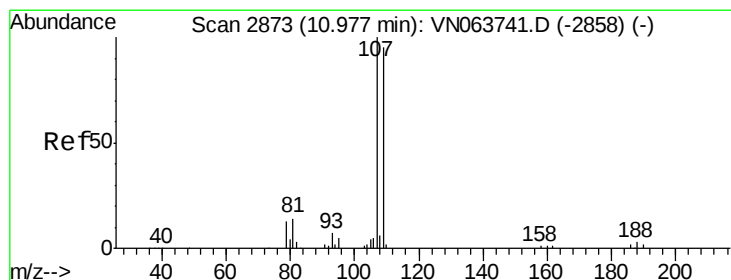
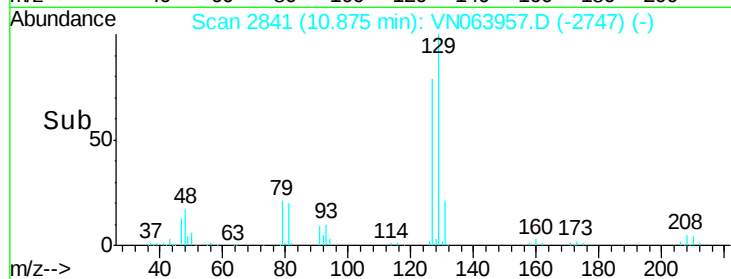
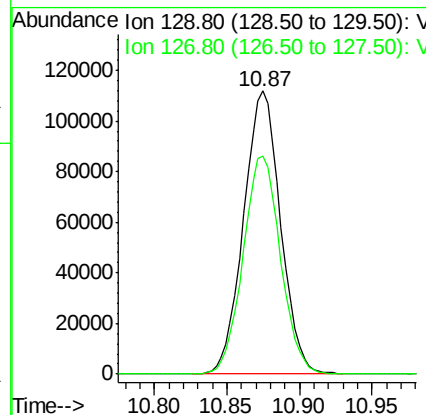
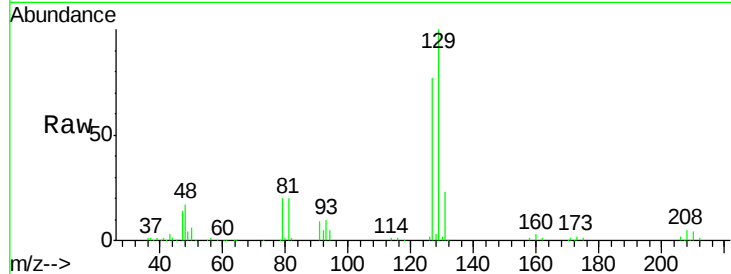
#60
Dibromochloromethane
Concen: 50.911 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion:129 Resp: 198543
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7

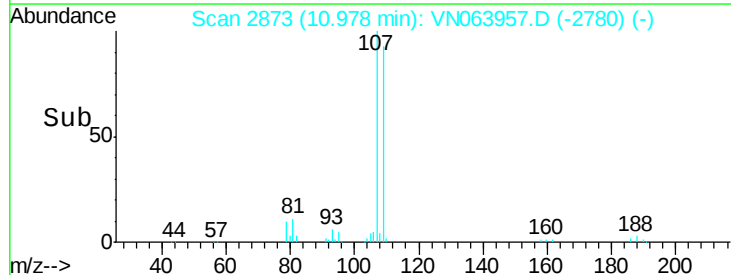
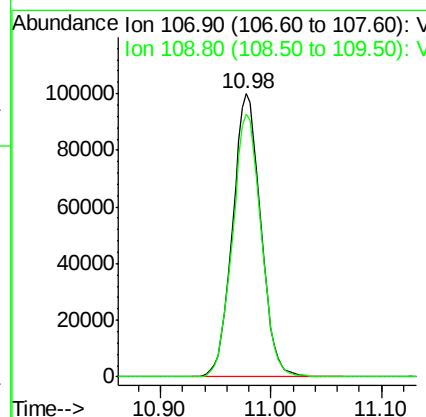
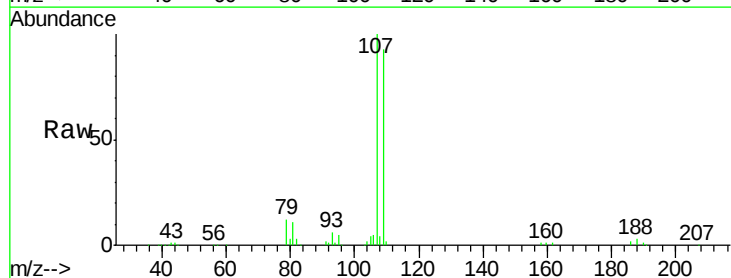
Manual Integrations
APPROVED

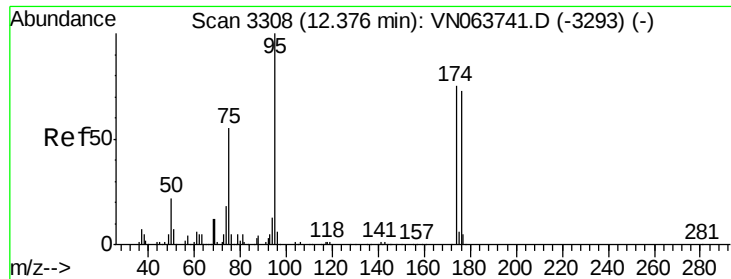
MMDadoda
10/8/2020 10:09:18 AM



#61
1,2-Dibromoethane
Concen: 51.566 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion:107 Resp: 176639
Ion Ratio Lower Upper
107 100
109 94.7 74.8 112.2





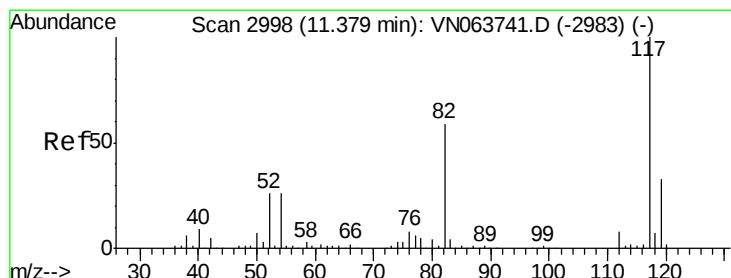
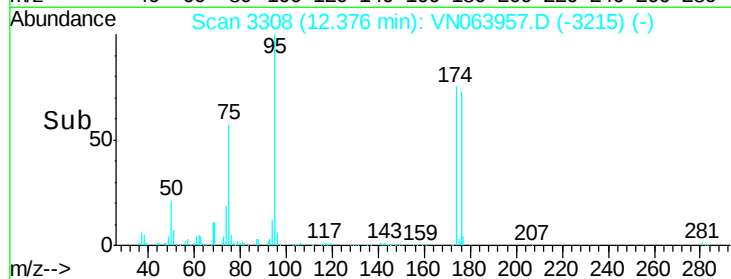
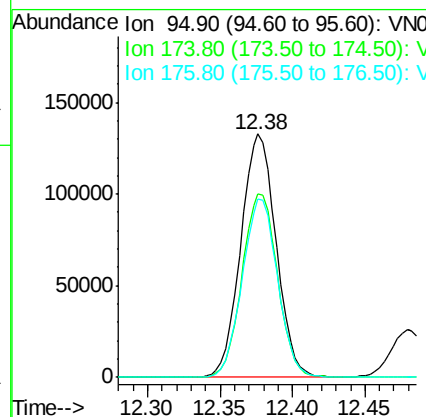
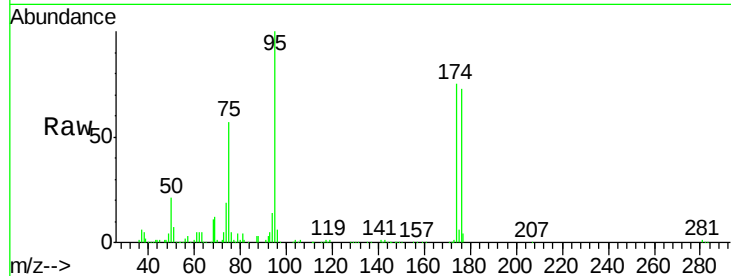
#62
4-Bromofluorobenzene
Concen: 48.640 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.6
176	73.6	0.0	145.4

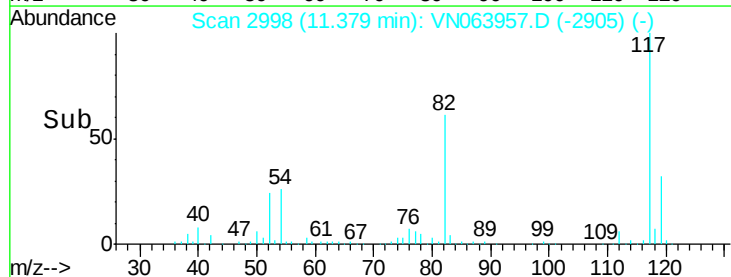
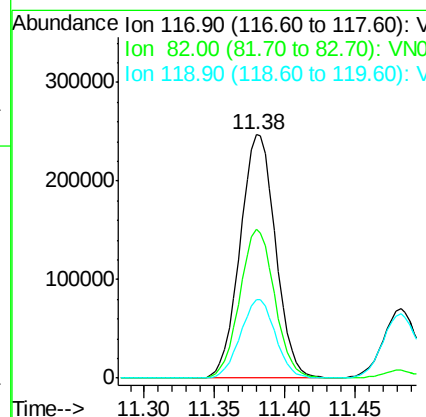
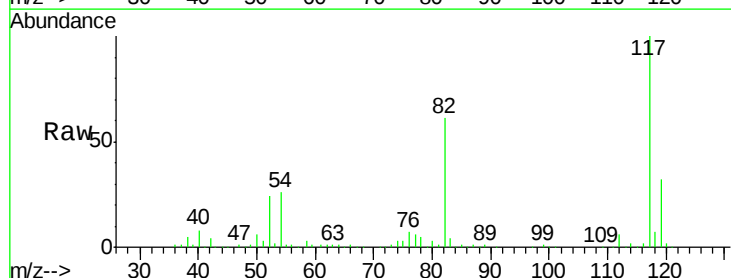
Manual Integrations
APPROVED

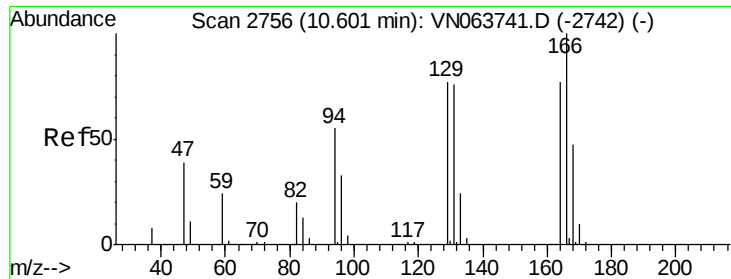
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.4	71.2
119	32.1	26.4	39.6





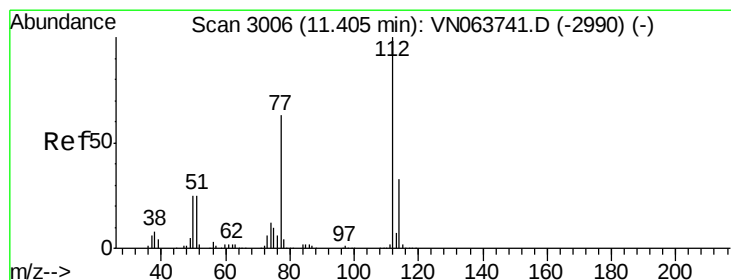
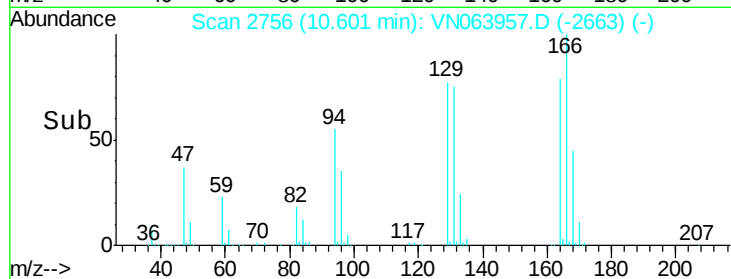
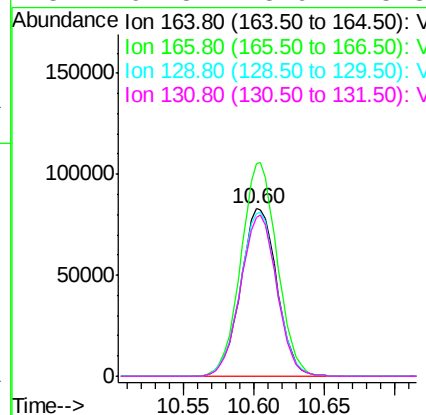
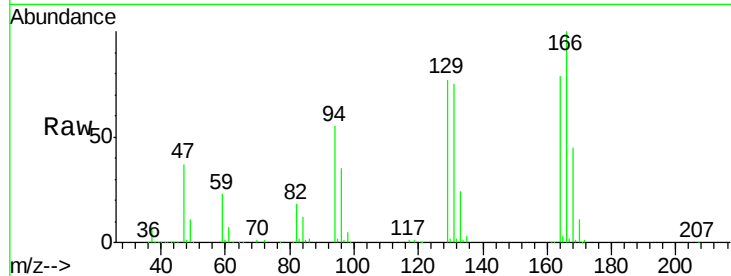
#64
Tetrachloroethene
Concen: 44.465 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.9	103.9	155.9	
129	97.5	80.3	120.5	
131	94.8	78.9	118.3	

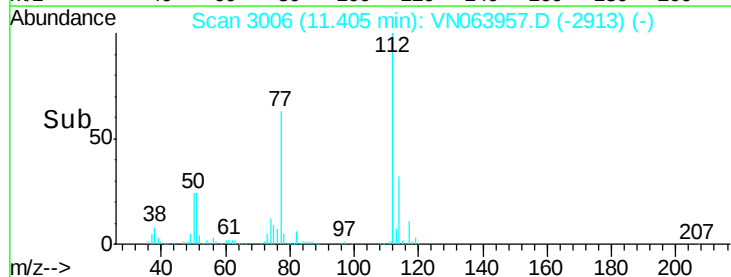
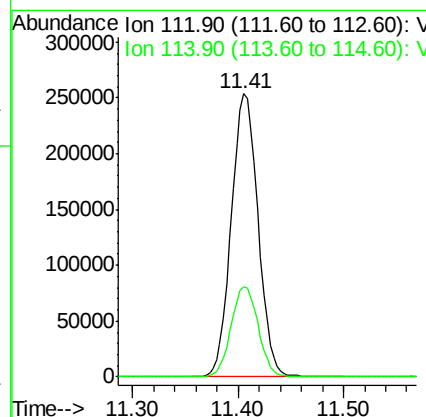
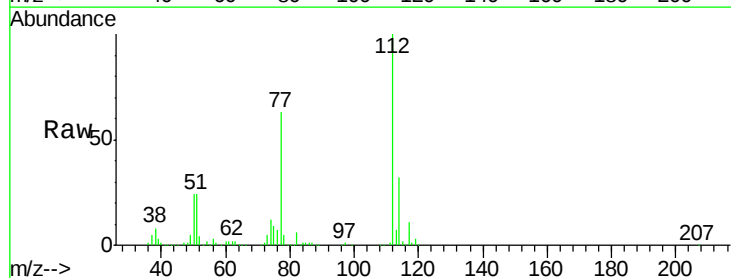
Manual Integrations
APPROVED

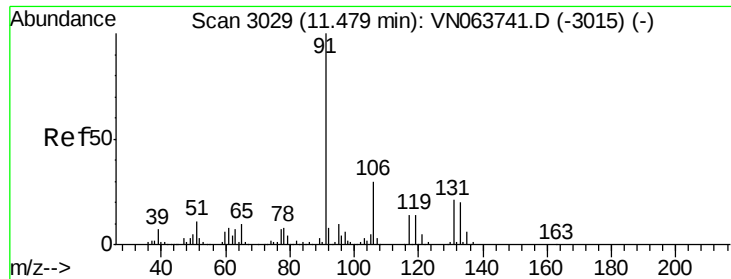
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#65
Chlorobenzene
Concen: 49.906 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	26.1	39.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 51.106 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

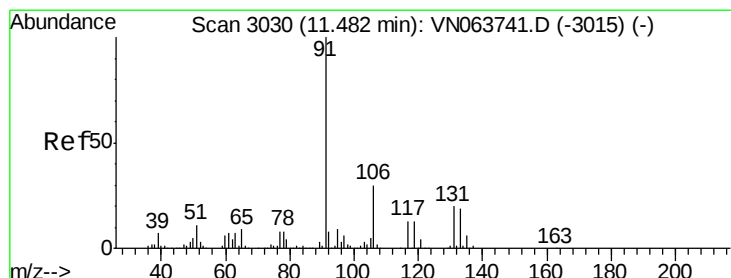
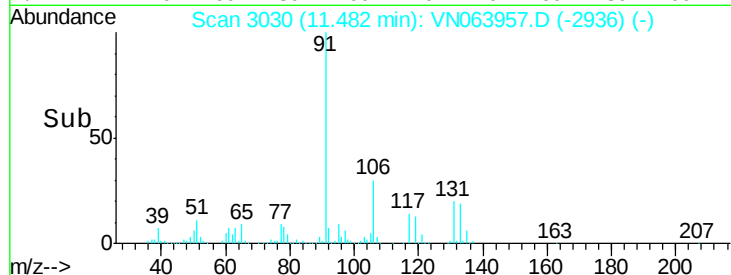
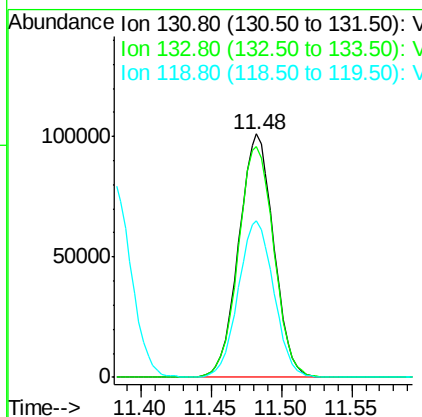
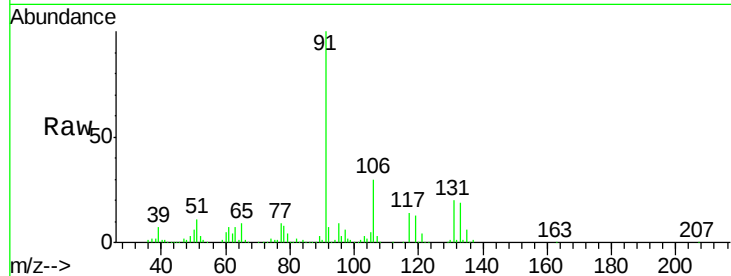
ClientSampled :

B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	175048		
133	96.9	47.3	141.8	
119	65.2	32.6	97.7	

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.034 ug/l

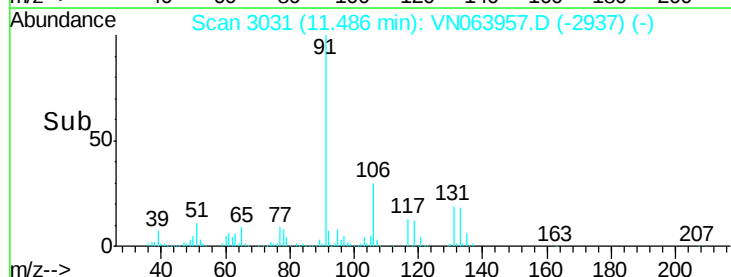
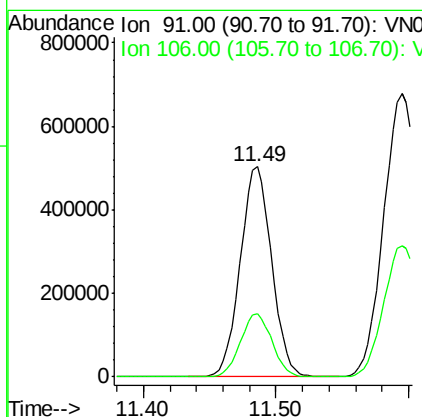
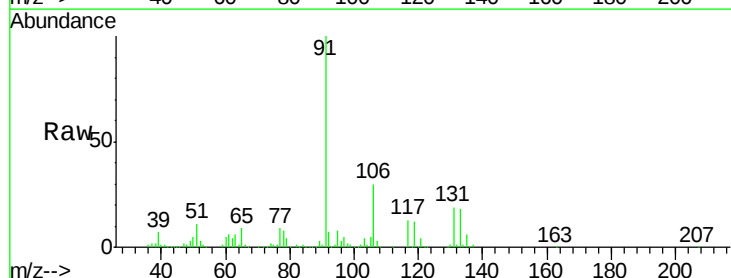
RT: 11.49 min Scan# 3031

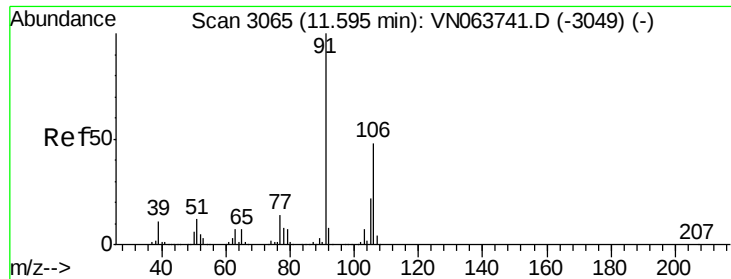
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	829673		
106	29.9	24.2	36.2	





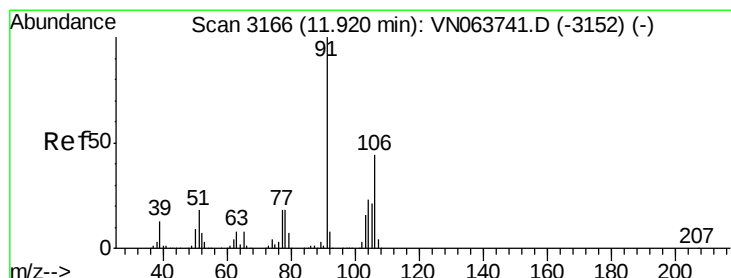
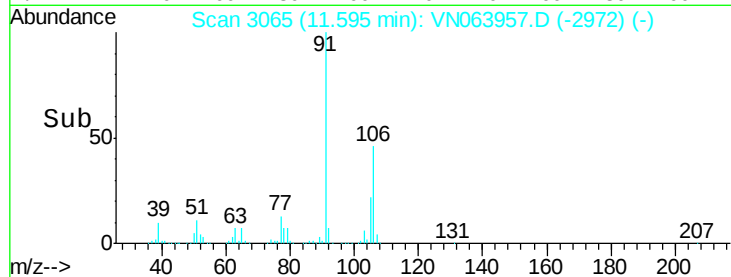
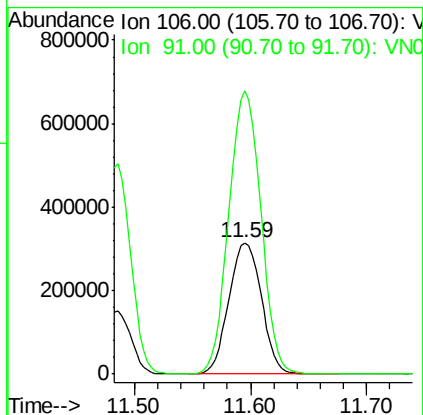
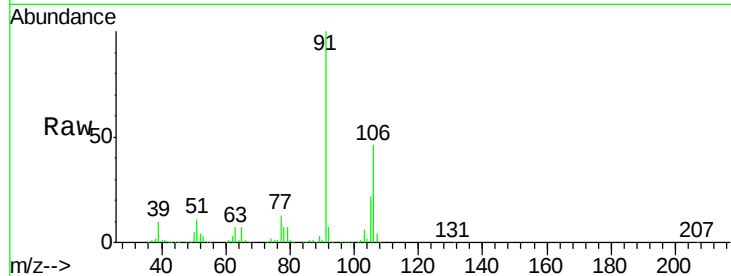
#68
m/p-Xylenes
Concen: 101.110 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		612631		
91	212.1	168.0	252.0		

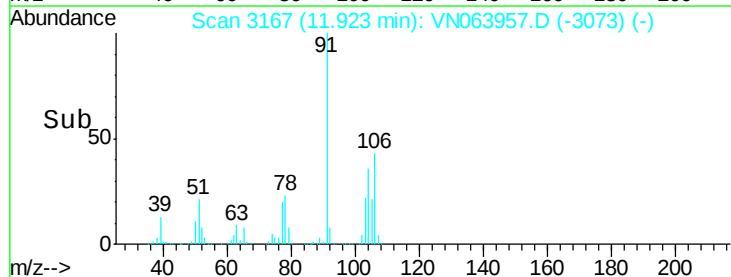
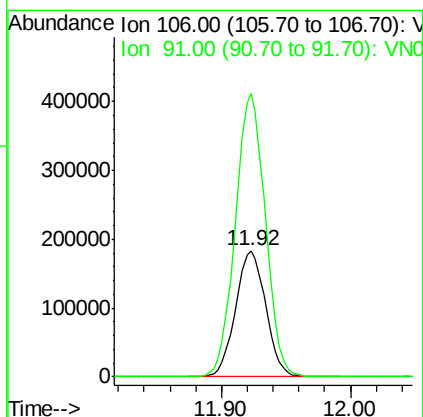
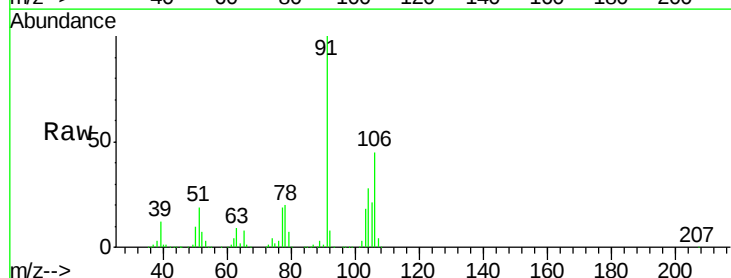
Manual Integrations
APPROVED

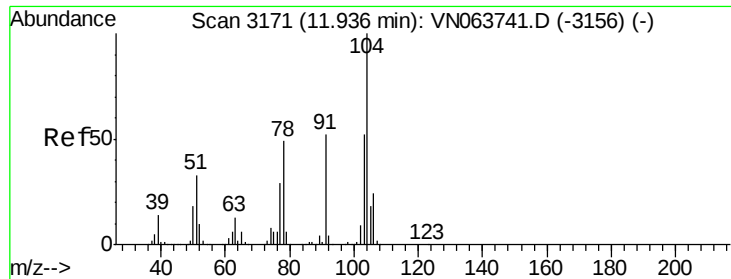
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#69
o-Xylene
Concen: 52.687 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		298376		
91	222.5	112.7	338.0		





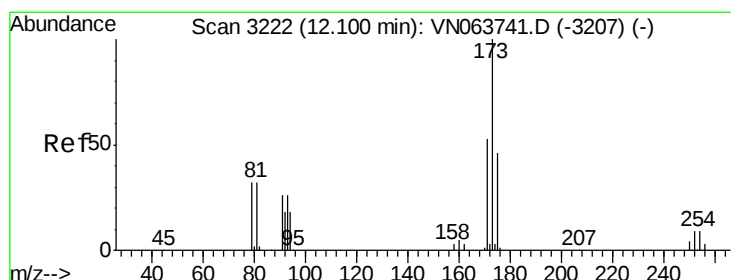
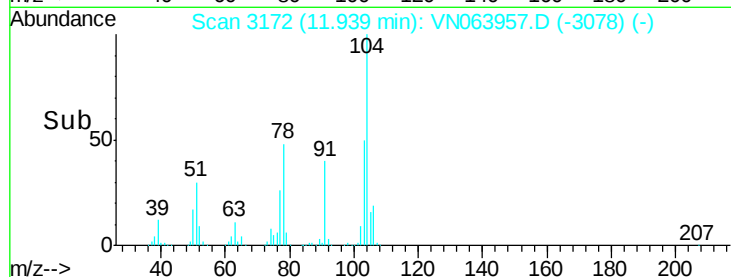
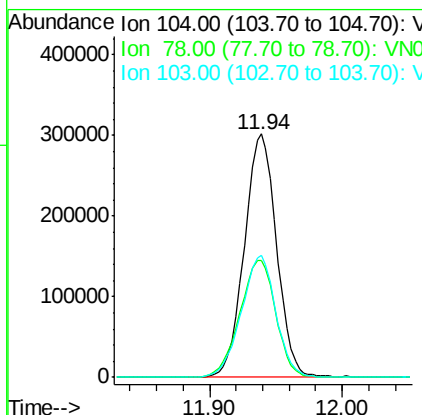
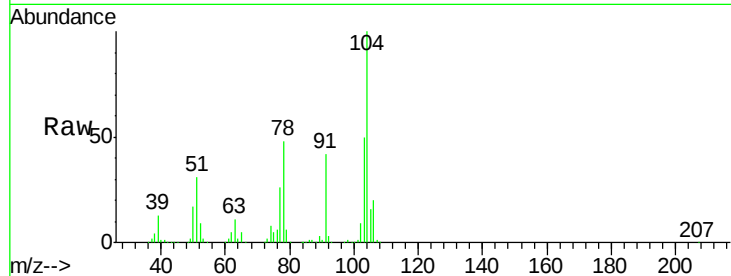
#70
Stvrene
Concen: 52.941 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	508930		
78	54.0		44.1	66.1
103	53.9		44.3	66.5

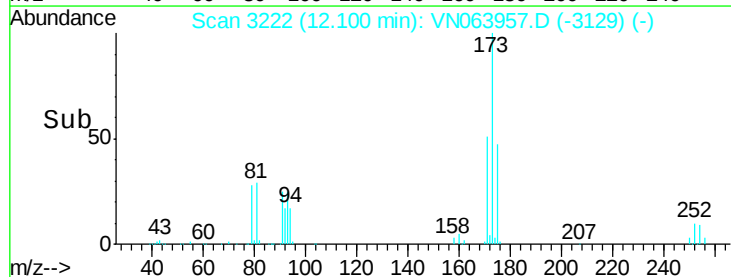
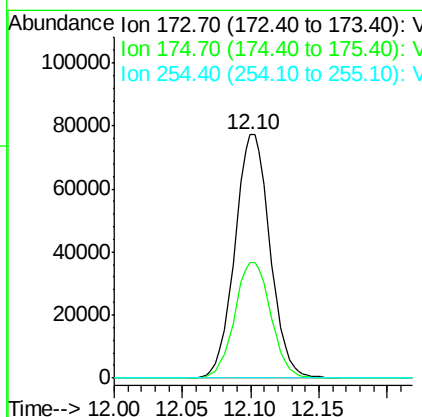
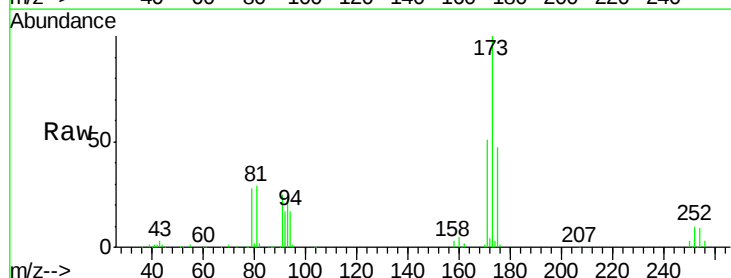
Manual Integrations
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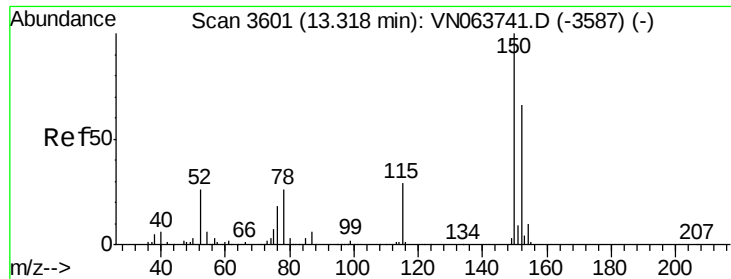
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#71
Bromoform
Concen: 52.588 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	137761		
175	49.0		23.5	70.5
254	0.0		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion:152 Resp: 215284

Ion Ratio Lower Upper

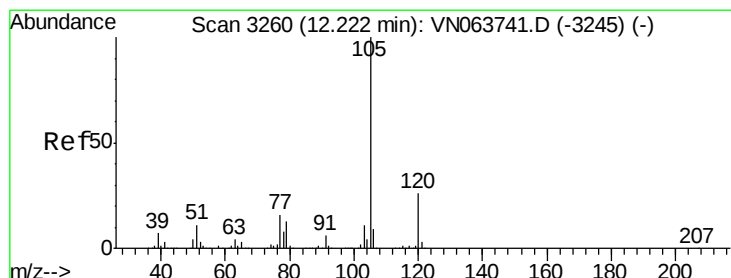
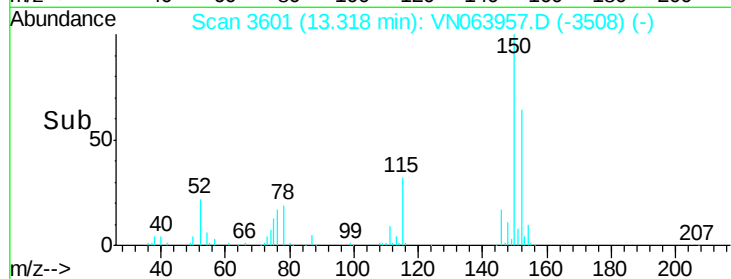
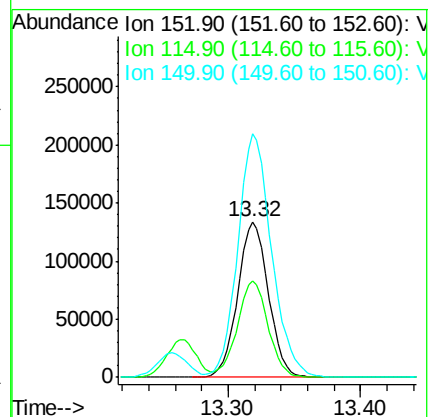
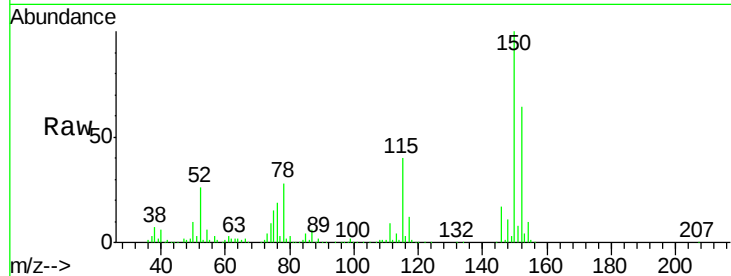
152 100

115 61.6 31.3 93.8

150 171.0 0.0 341.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.234 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063957.D

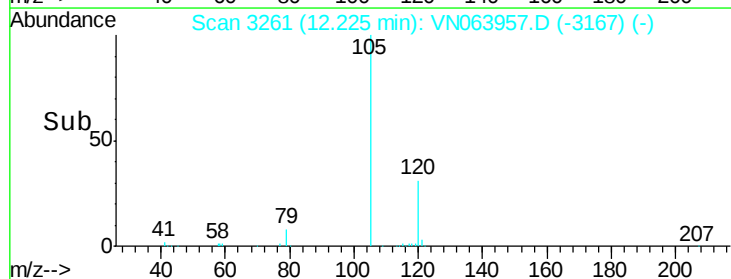
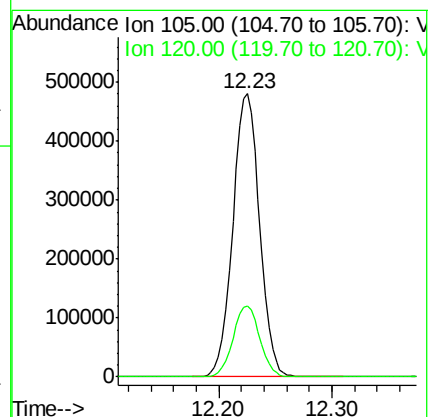
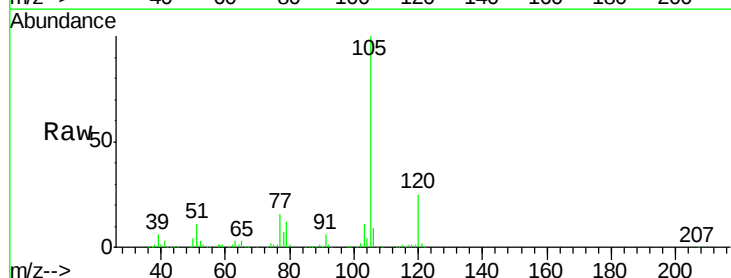
Acq: 7 Oct 2020 20:55

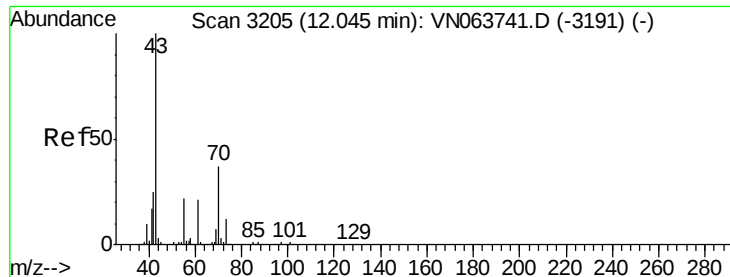
Tgt Ion:105 Resp: 788813

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8





#74

N-amyl acetate

Concen: 45.926 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

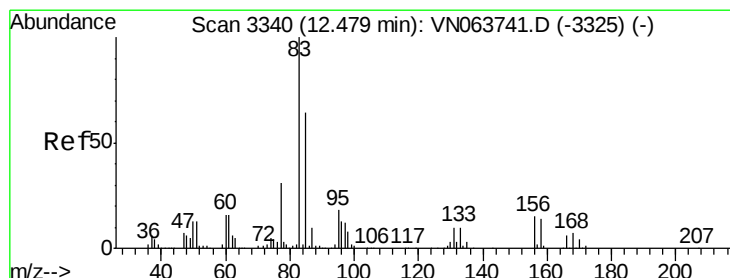
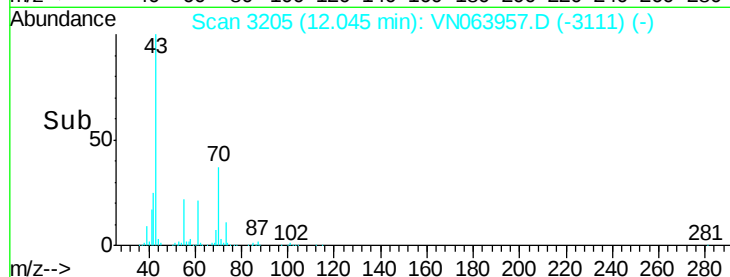
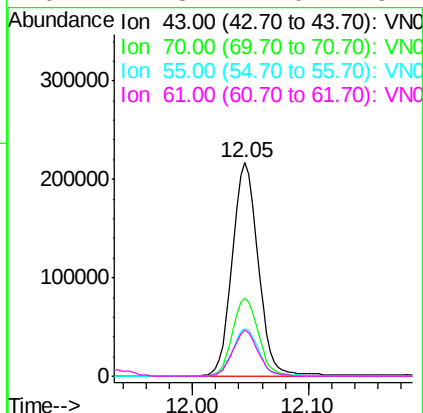
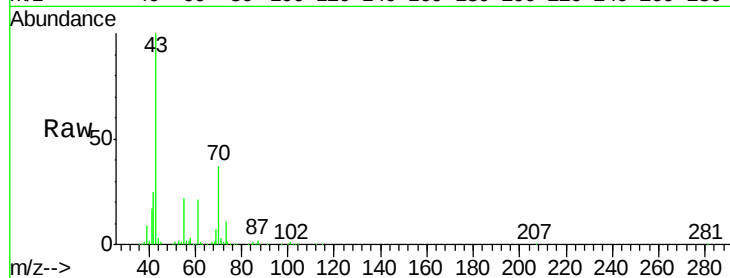
ClientSampleId :

B-6-MW-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	36.7	29.8	44.8		
55	22.7	17.9	26.9		
61	21.3	17.0	25.4		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.125 ug/l

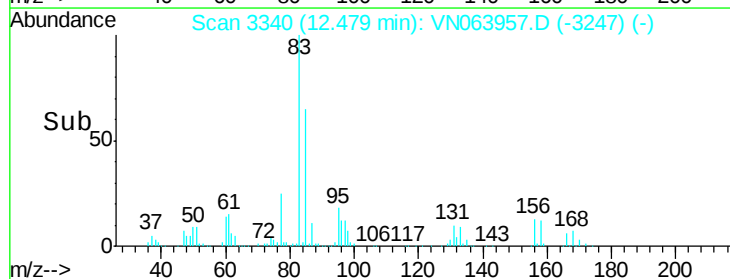
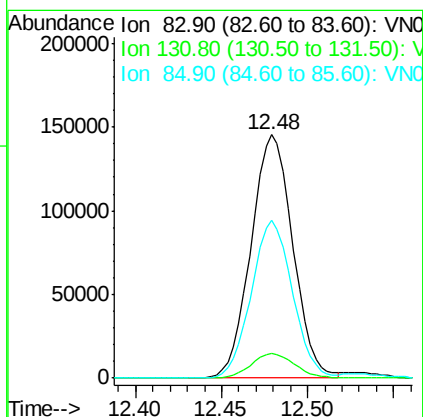
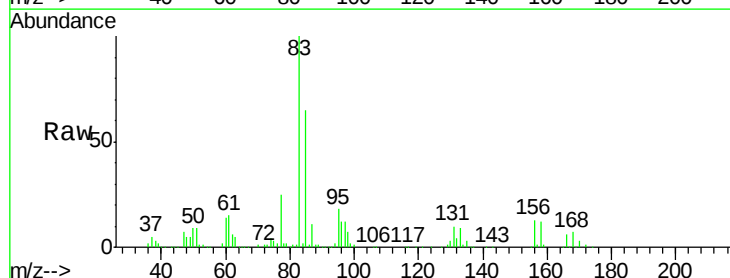
RT: 12.48 min Scan# 3340

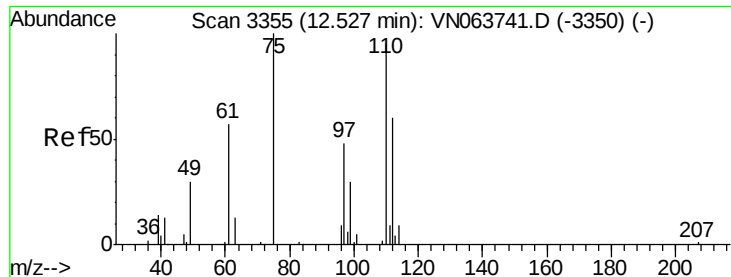
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.4	5.3	15.8		
85	63.8	31.3	93.8		





#76

1,2,3-Trichloropropane

Concen: 48.155 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 75 Resp: 228529

Ion Ratio Lower Upper

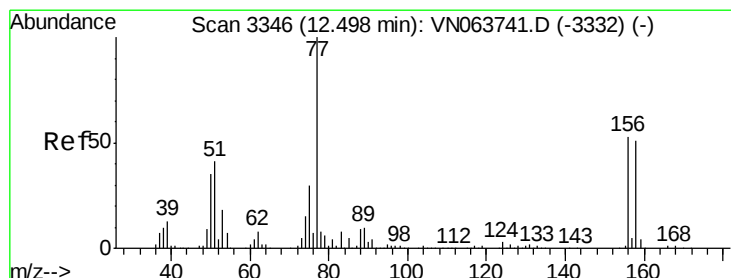
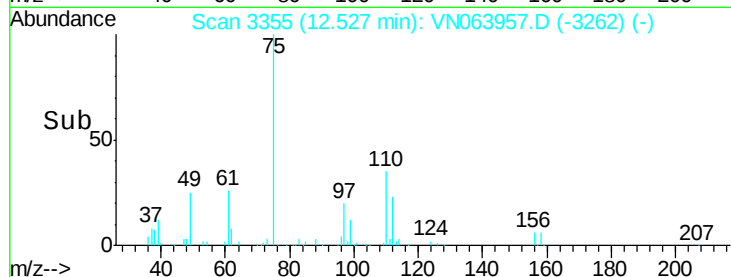
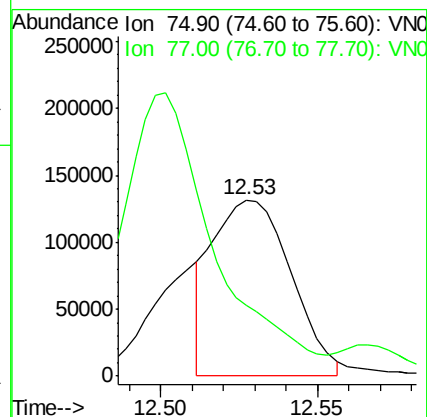
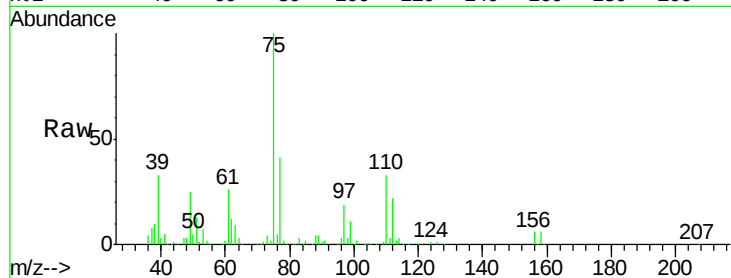
75 100

77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 50.714 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

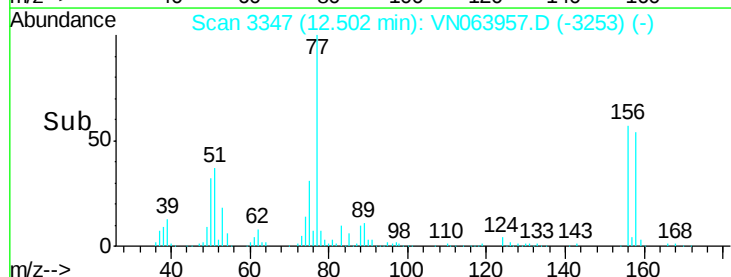
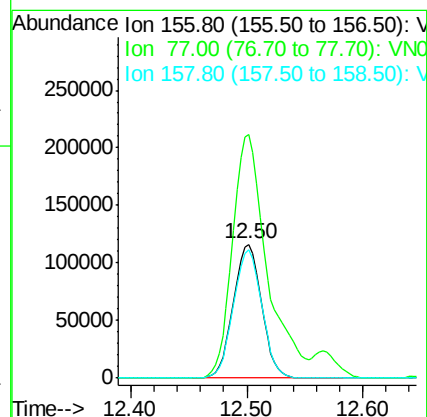
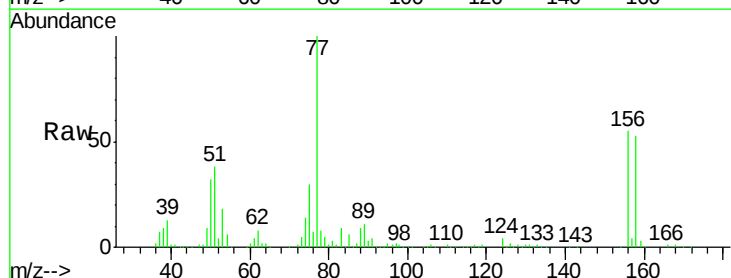
Tgt Ion: 156 Resp: 195403

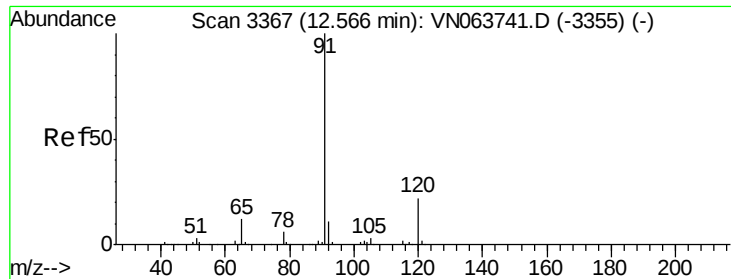
Ion Ratio Lower Upper

156 100

77 222.0 110.9 332.7

158 96.4 47.7 143.1





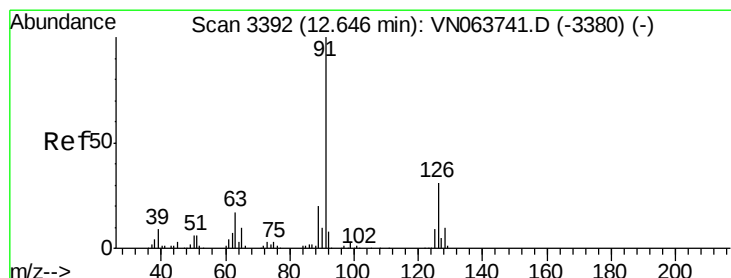
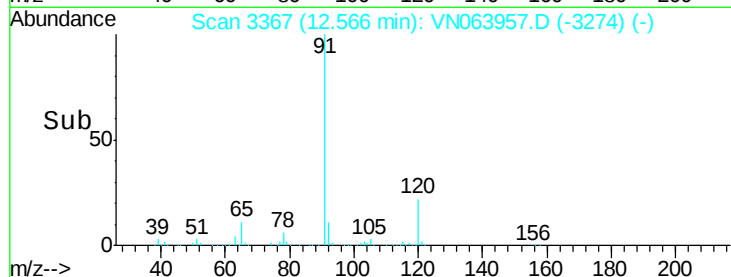
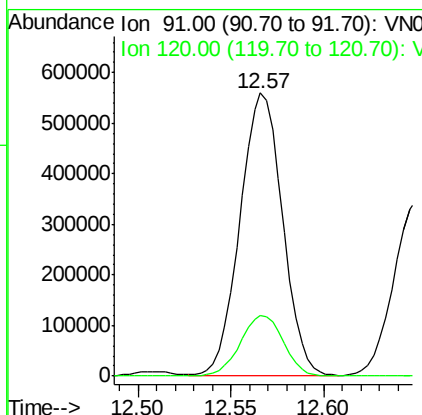
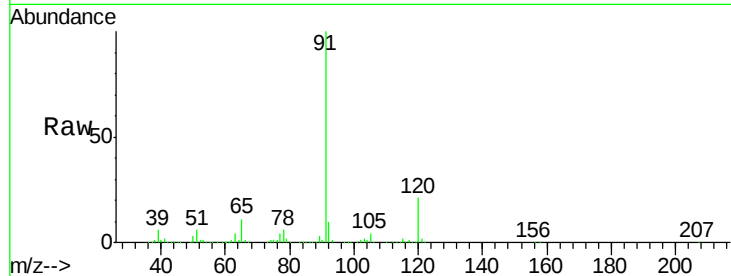
#78
n-propylbenzene
Concen: 48.622 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion: 91 Resp: 888558
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1

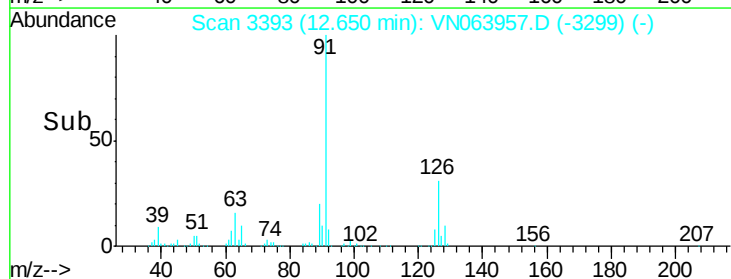
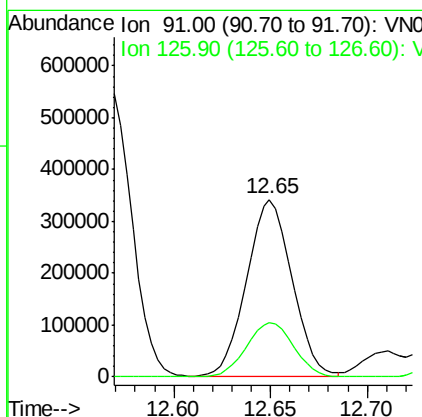
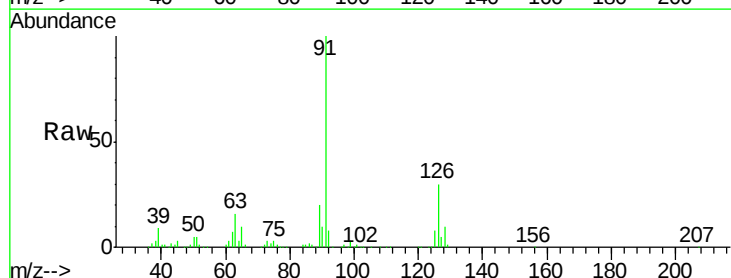
Manual Integrations
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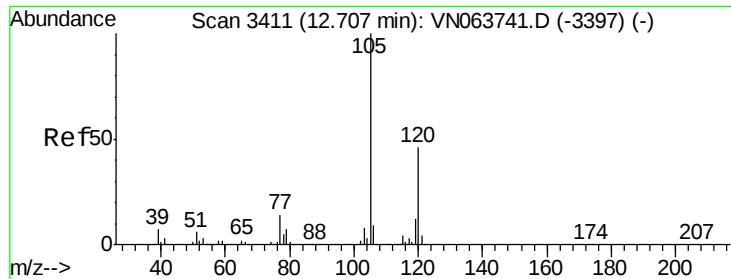
MMDadoda
10/8/2020 10:09:18 AM



#79
2-Chlorotoluene
Concen: 49.360 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion: 91 Resp: 554765
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.7





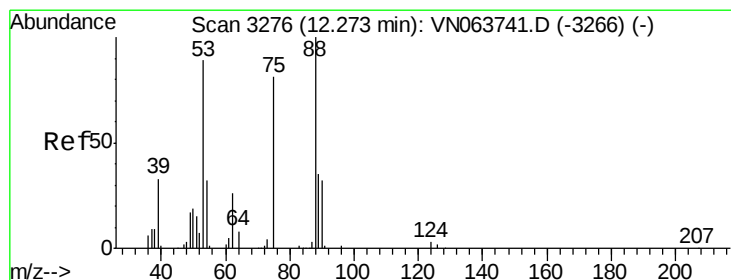
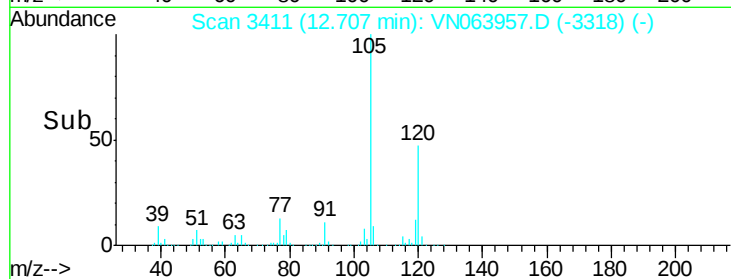
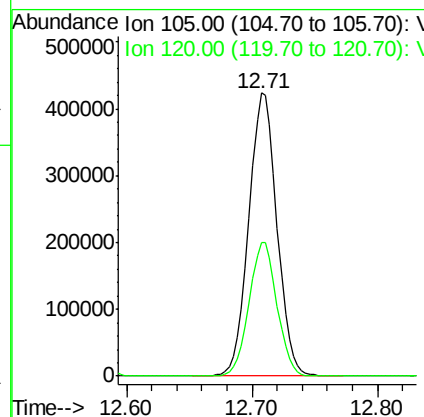
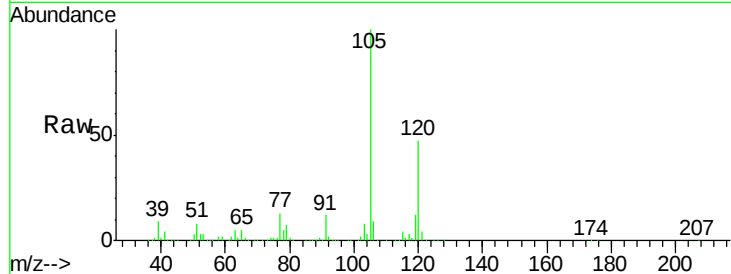
#80
 1,3,5-Trimethylbenzene
 Concen: 49.935 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.3	69.9

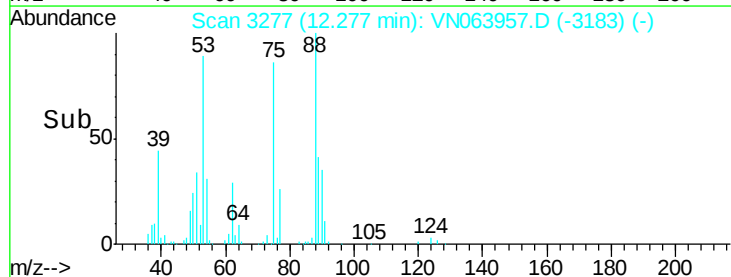
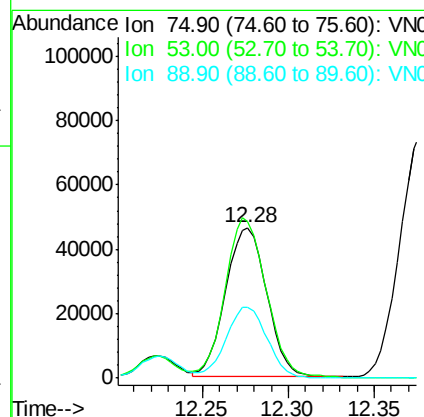
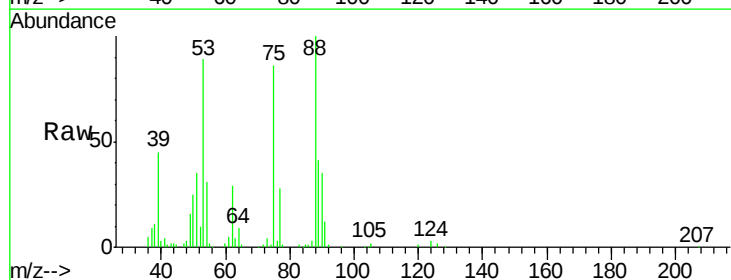
Manual Integrations
 APPROVED

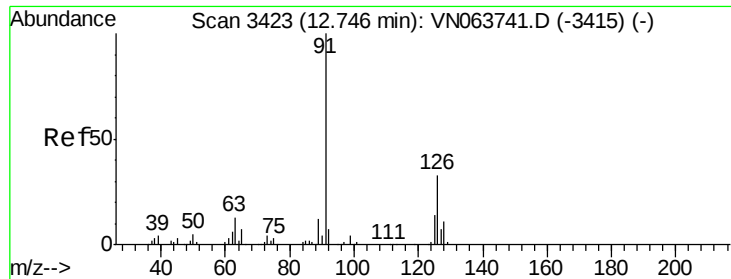
MMDadoda
 10/8/2020 10:09:18 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.182 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.3	88.2	132.2
89	47.1	36.0	54.0





#82

4-Chlorotoluene

Concen: 49.512 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

B-6-MW-2MSD

Tot Ion: 91 Resp: 577691

Ion Ratio Lower Upper

91 100

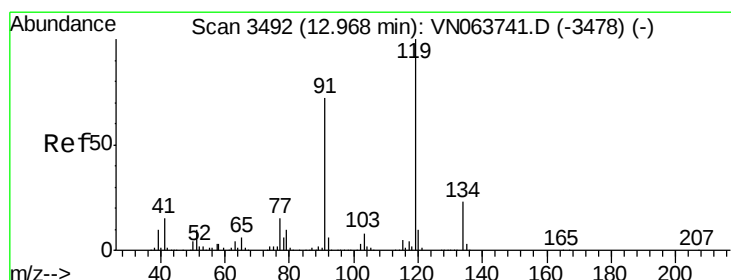
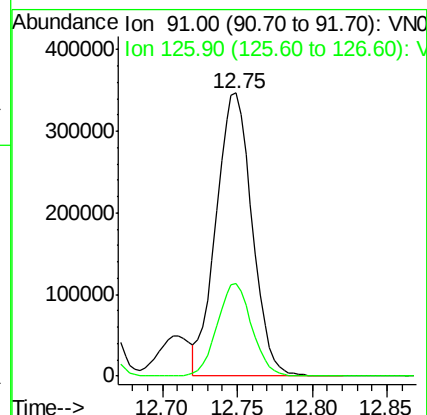
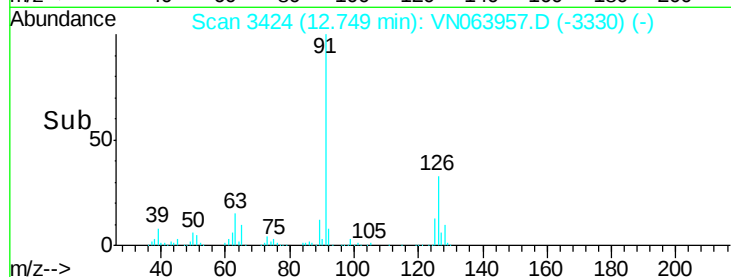
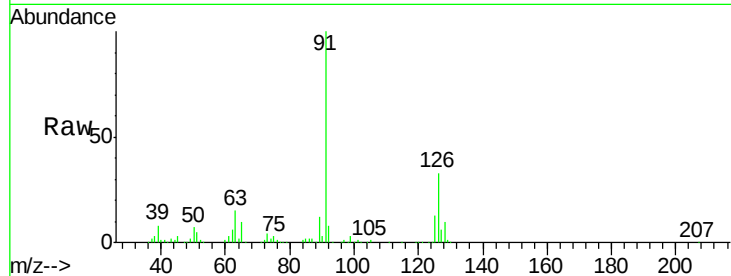
126 31.6 15.4 46.2

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.456 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

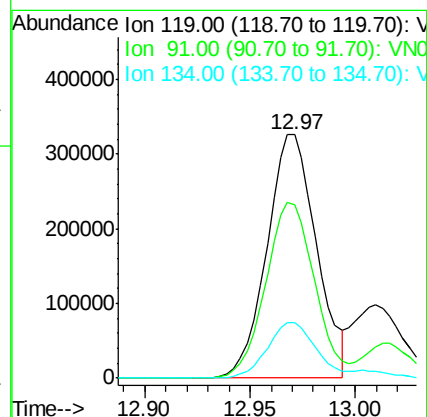
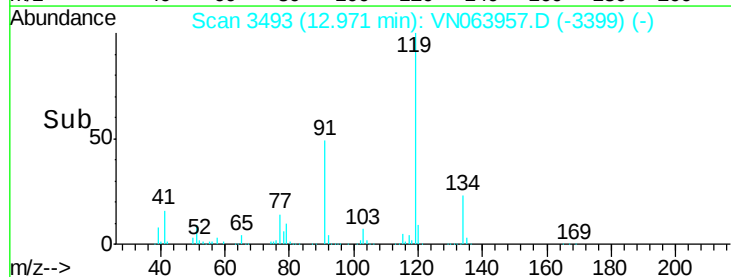
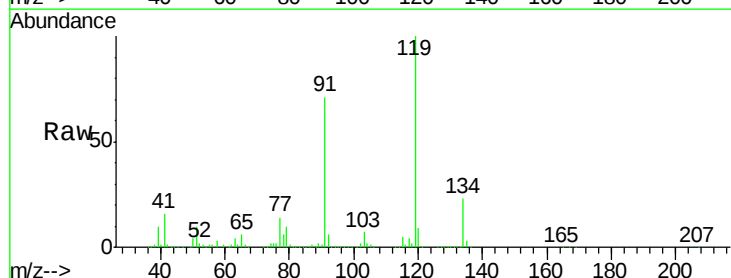
Tgt Ion: 119 Resp: 532930

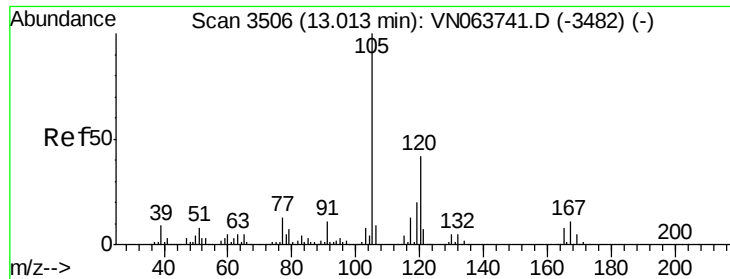
Ion Ratio Lower Upper

119 100

91 71.0 35.5 106.5

134 22.5 11.7 35.1





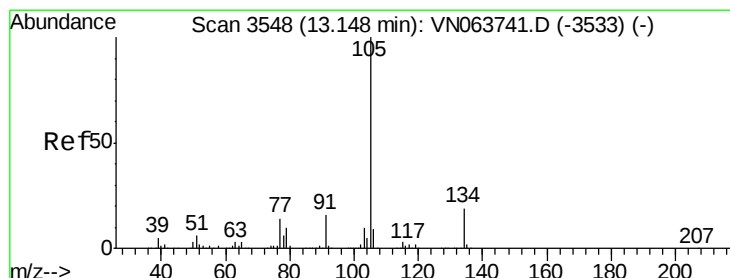
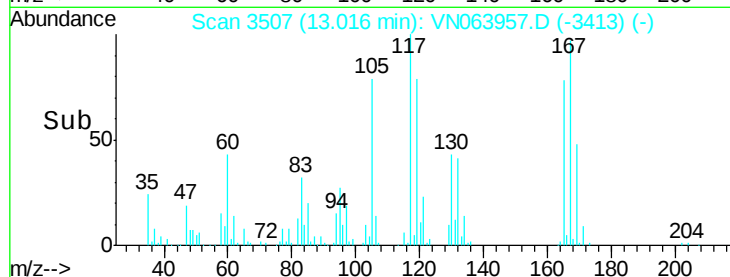
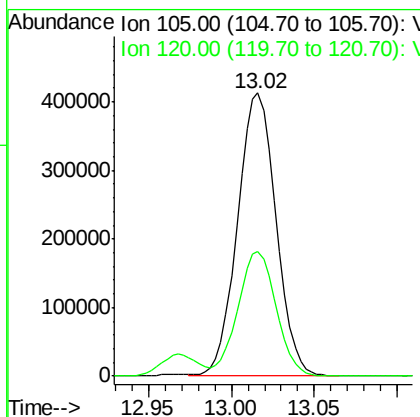
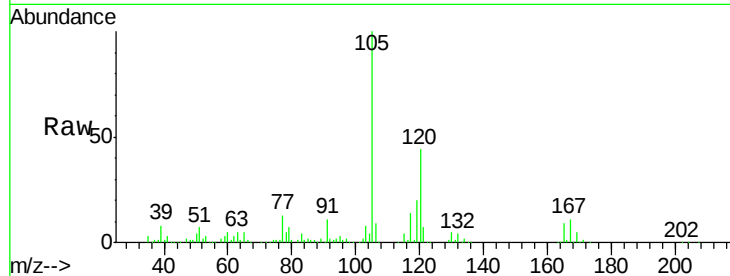
#84
1,2,4-Trimethylbenzene
Concen: 50.455 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.9	20.9	62.7

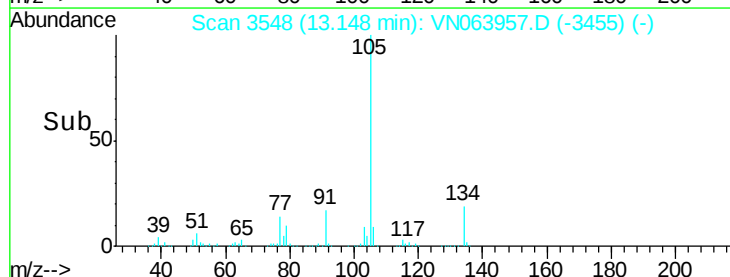
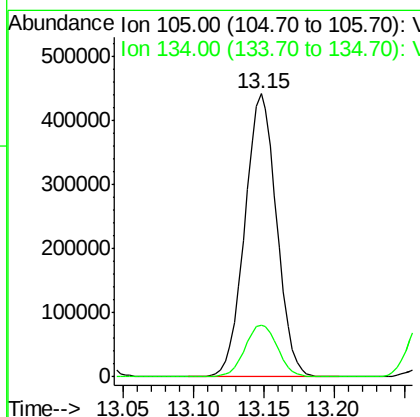
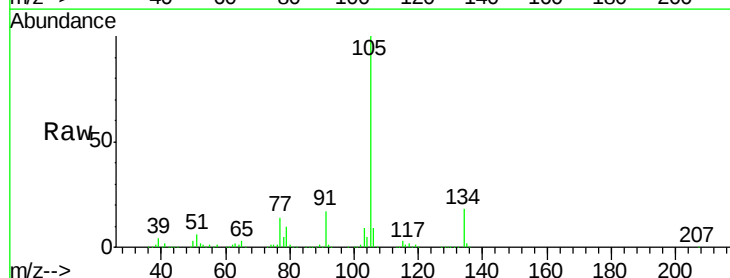
Manual Integrations
APPROVED

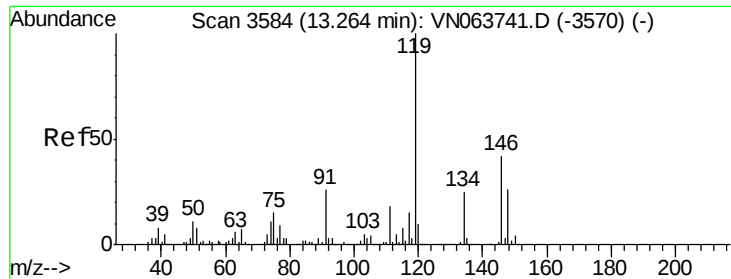
MMDadoda
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#85
sec-Butylbenzene
Concen: 49.100 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.5	28.5





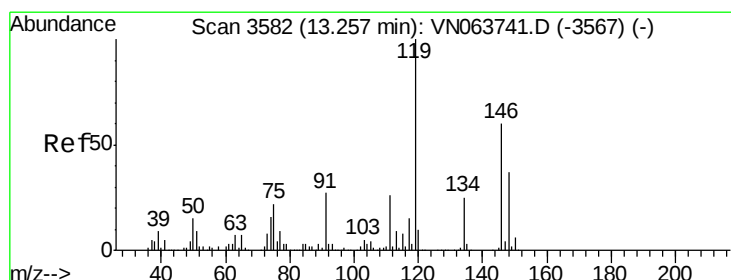
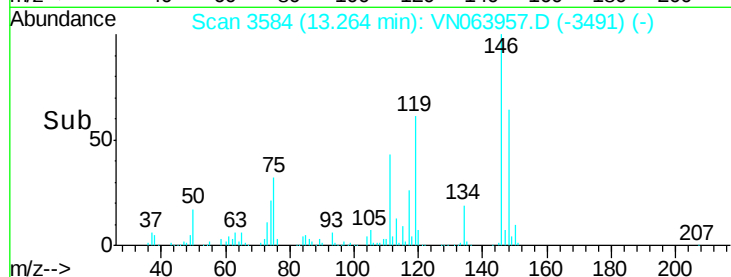
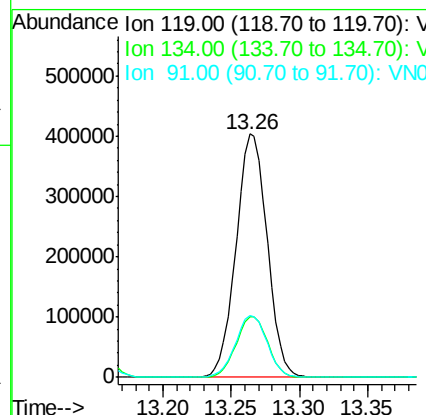
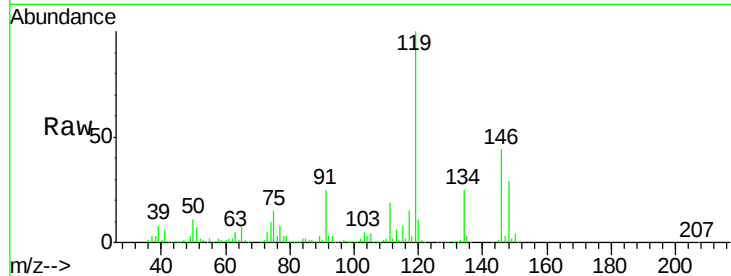
#86
 p-Isopropyltoluene
 Concen: 50.872 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	636960		
134	25.3	12.6	37.8	
91	25.7	13.4	40.2	

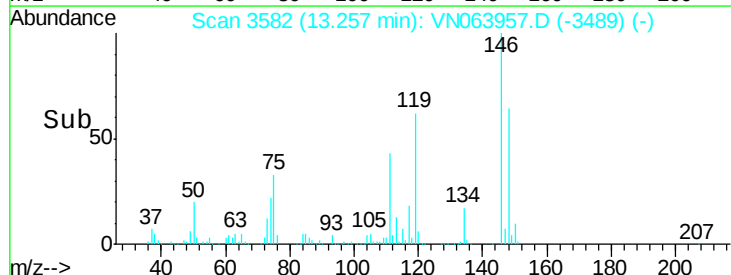
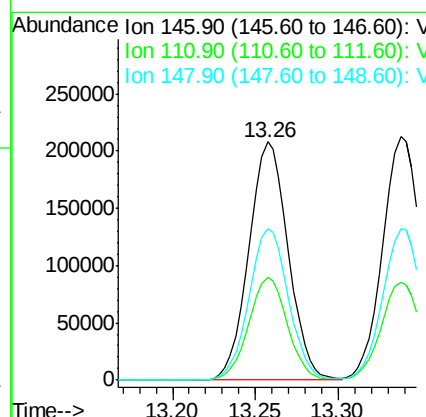
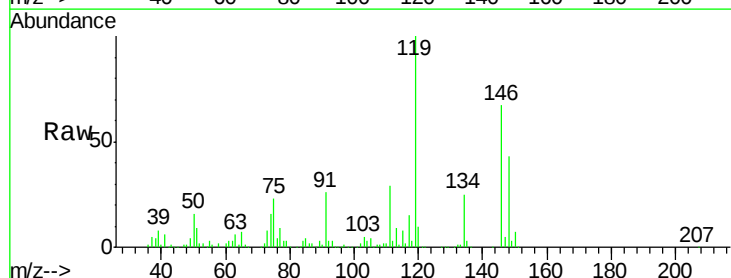
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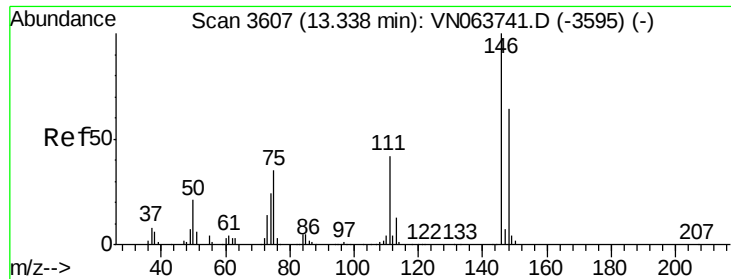
MMDadoda
 10/8/2020 10:09:18 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.174 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	342773		
111	42.4	21.5	64.5	
148	63.6	31.1	93.3	





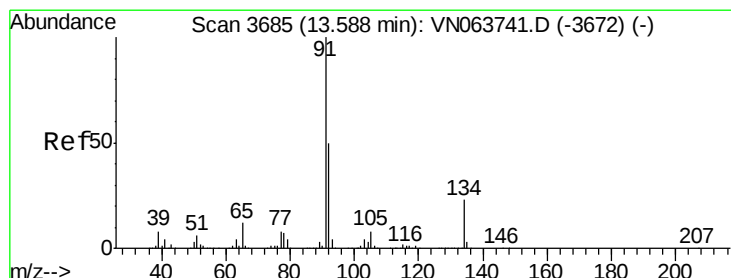
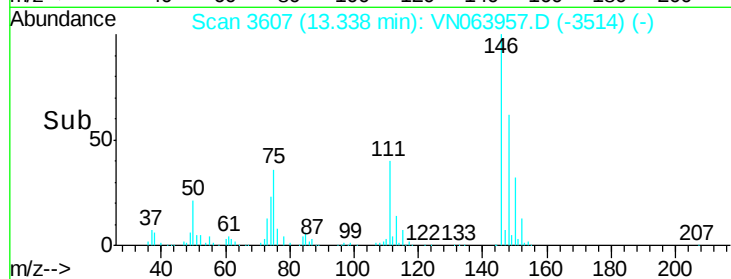
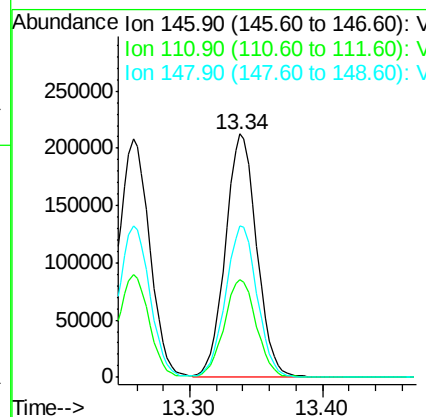
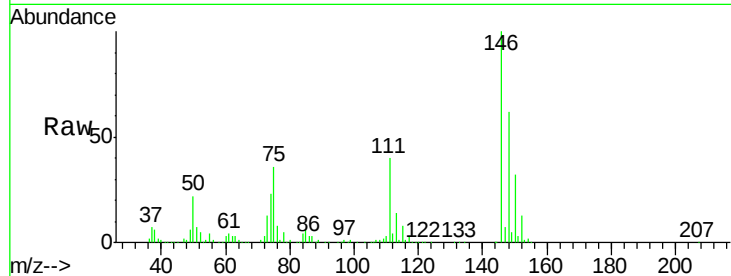
#88
 1,4-Dichlorobenzene
 Concen: 47.895 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	62.5	32.0	96.0

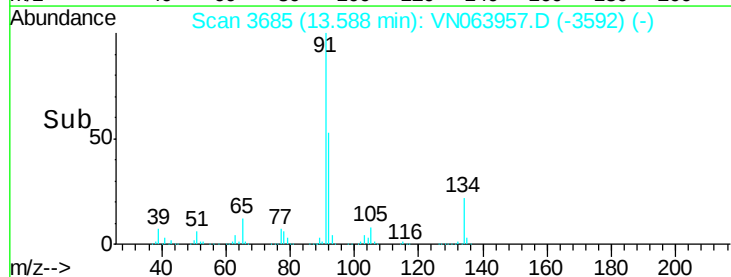
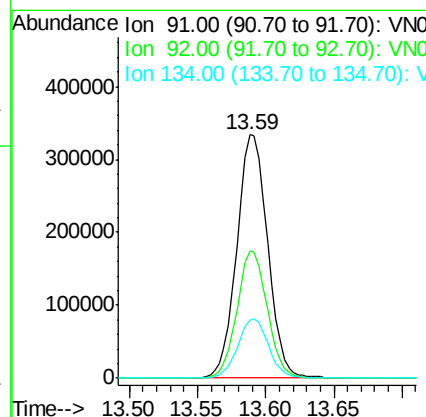
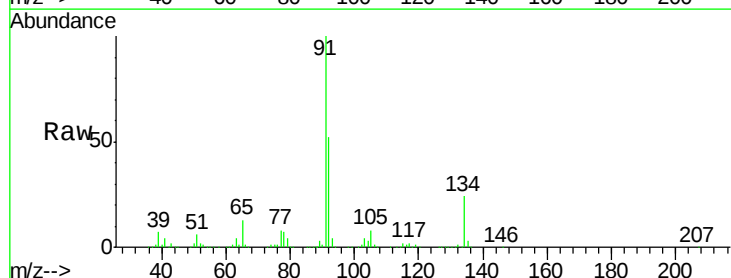
Manual Integrations
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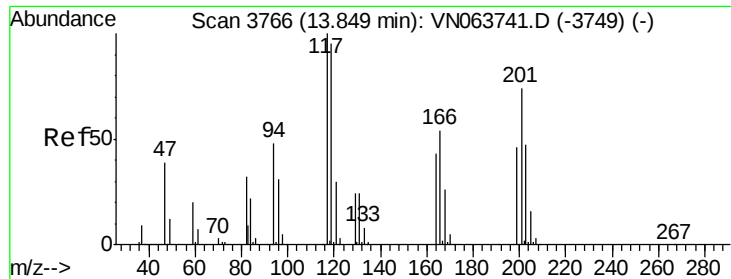
MMDadoda
 10/8/2020 10:09:18 AM



#89
 n-Butylbenzene
 Concen: 45.419 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.4	76.4
134	24.3	11.7	35.1





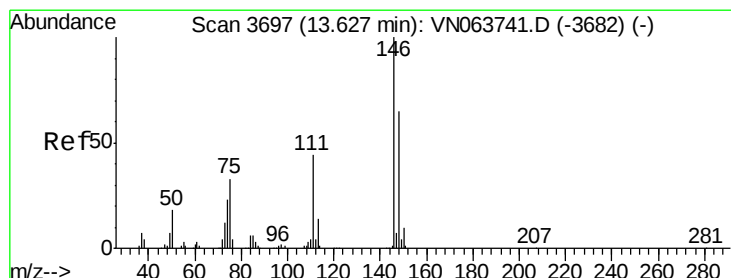
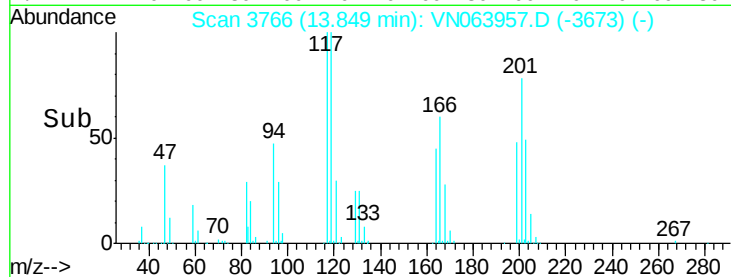
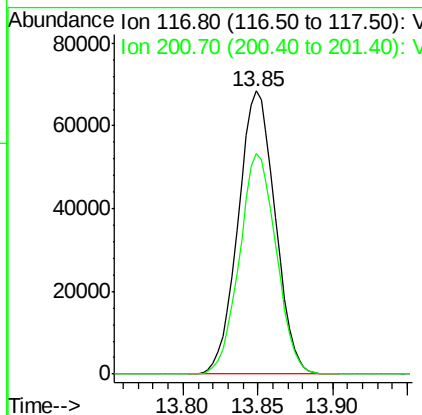
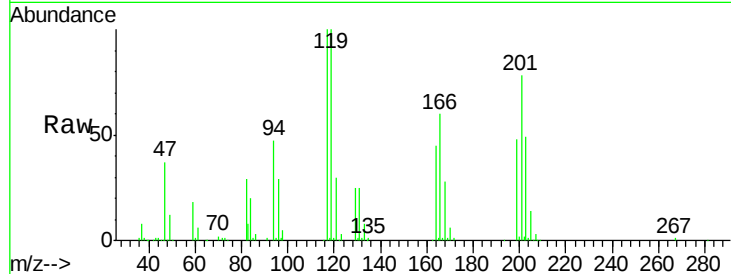
#90
Hexachloroethane
Concen: 48.700 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
B-6-MW-2MSD

Tot Ion:117 Resp: 118159
Ion Ratio Lower Upper
117 100
201 77.0 36.0 108.0

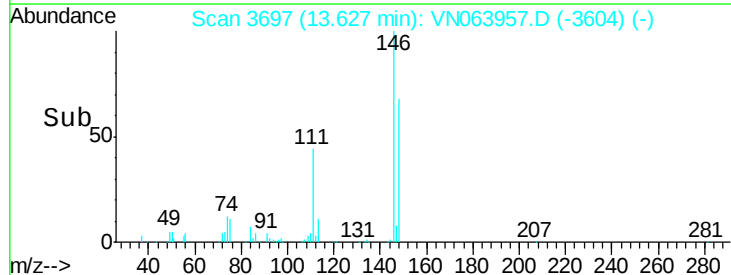
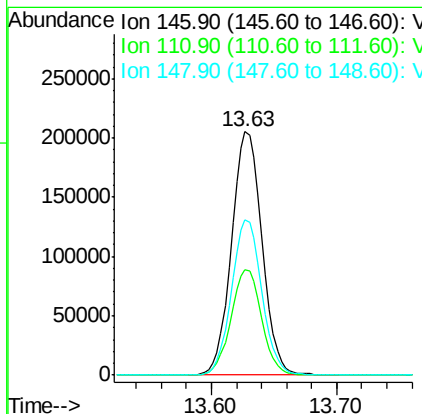
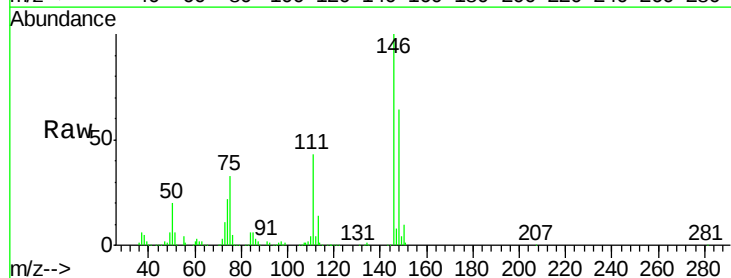
Manual Integrations
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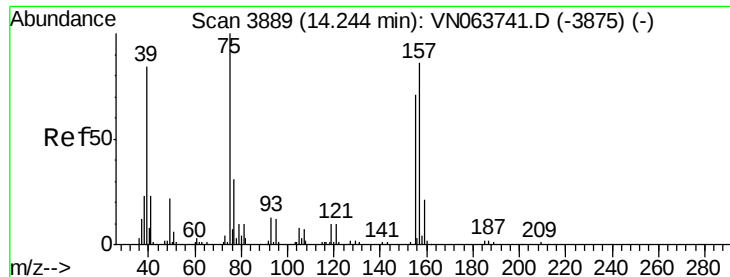
MMDadoda
10/8/2020 10:09:18 AM



#91
1,2-Dichlorobenzene
Concen: 50.221 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN063957.D
Acq: 7 Oct 2020 20:55

Tgt Ion:146 Resp: 346736
Ion Ratio Lower Upper
146 100
111 43.4 22.2 66.6
148 63.2 32.5 97.4





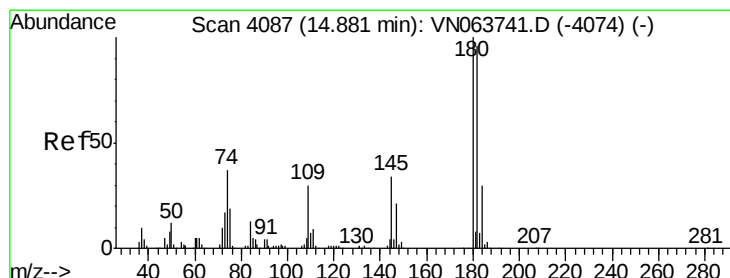
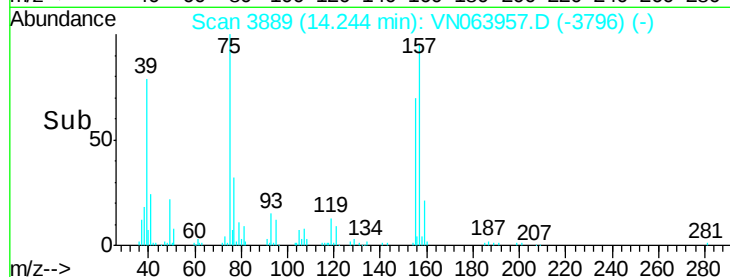
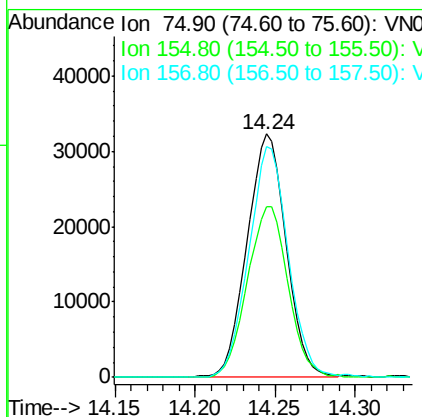
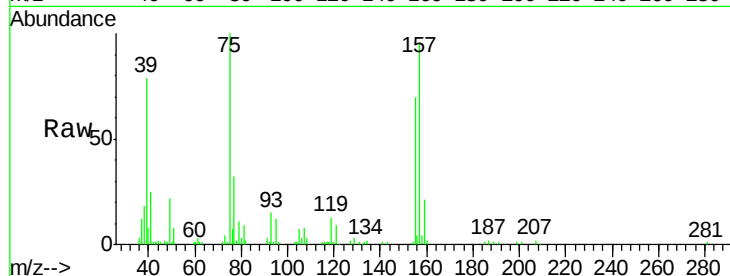
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.016 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	73.0	34.8	104.5
157	95.4	43.7	131.1

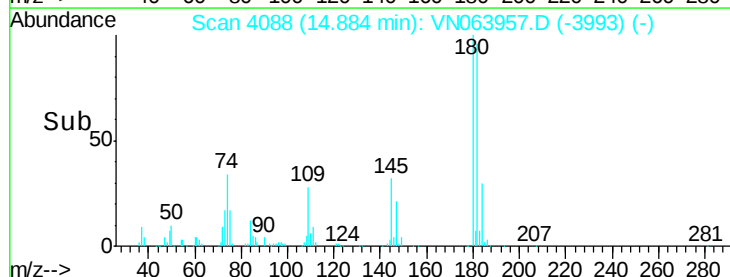
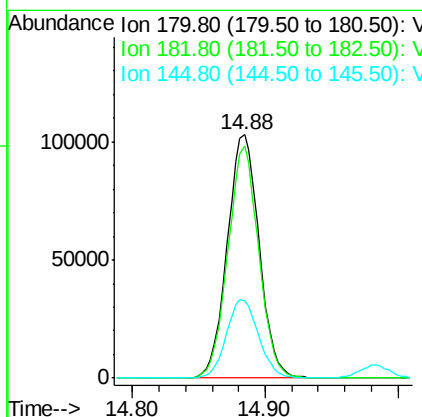
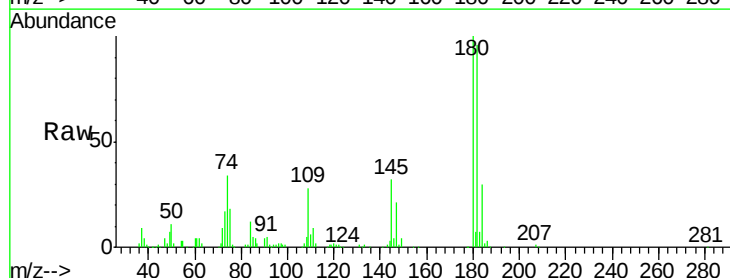
Manual Integrations
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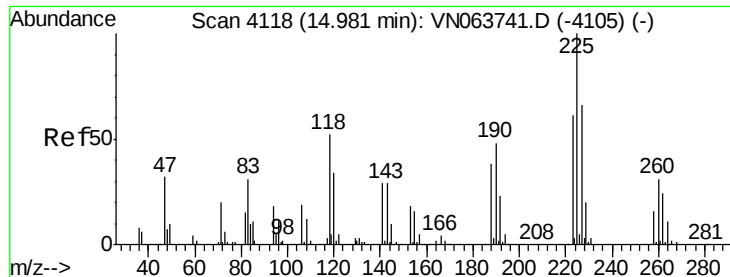
MMDadoda
 10/8/2020 10:09:18 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.968 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.2	144.6
145	32.5	17.1	51.2





#94

Hexachlorobutadiene

Concen: 49.888 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Instrument :

MSVOA_N

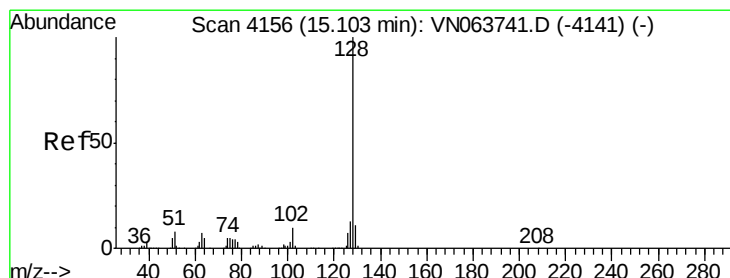
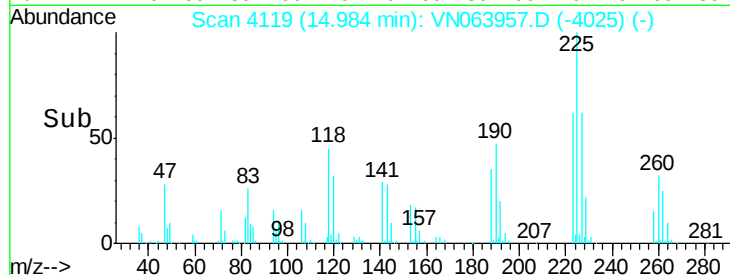
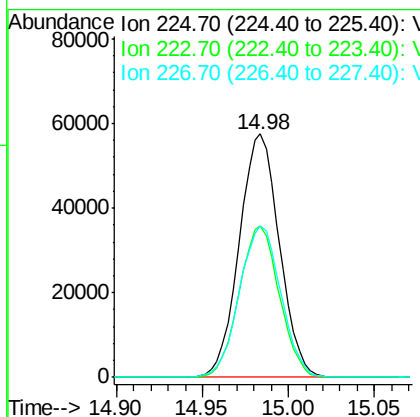
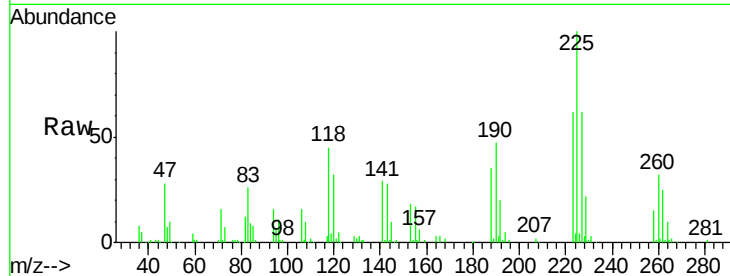
ClientSampleId :

B-6-MW-2MSD

Tot Ion:	225	Resp:	93389
Ion Ratio		Lower	Upper
225	100		
223	62.2	30.3	91.0
227	64.0	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
10/8/2020 10:09:18 AM



#95

Naphthalene

Concen: 54.467 ug/l

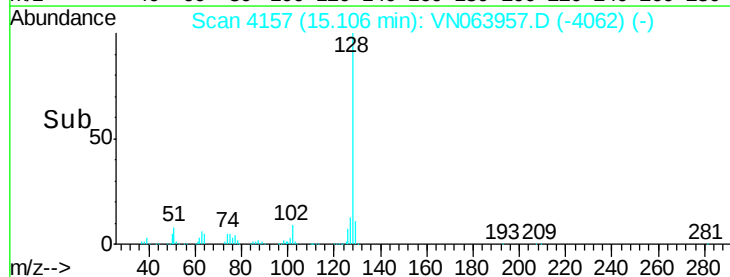
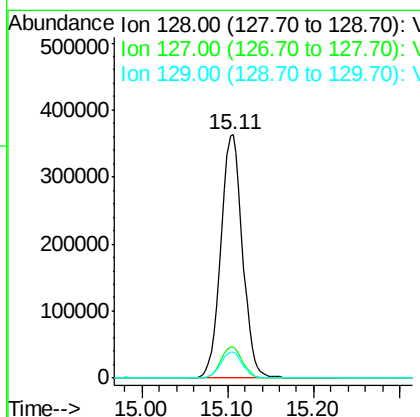
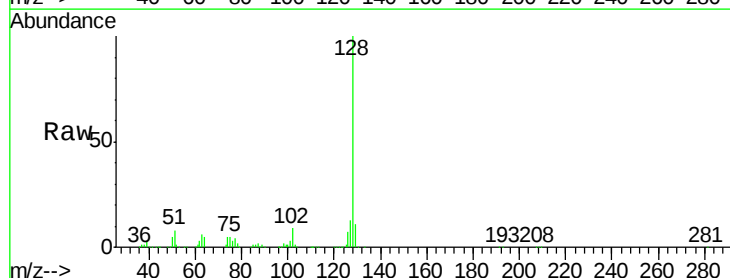
RT: 15.11 min Scan# 4157

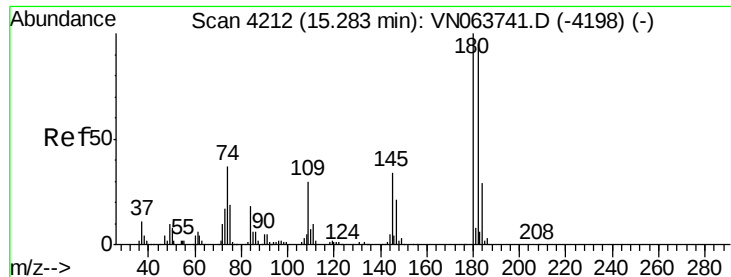
Delta R.T. 0.00 min

Lab File: VN063957.D

Acq: 7 Oct 2020 20:55

Tgt Ion:	128	Resp:	634776
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 46.943 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN063957.D
 Acq: 7 Oct 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170572		
182	96.2		47.9	143.6
145	34.2		17.2	51.5

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:18 AM

