

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061842.D
 Acq On : 17 Jun 2020 12:40
 Operator : JC/MD
 Sample : VN0617WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:38:12 AM

Quant Time: Jun 18 04:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	160387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96940	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.55	113	83526	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.06	98	318558	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.37	95	107591	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	40155	19.421	ug/l	98
3) Chloromethane	2.03	50	40912	18.377	ug/l	97
4) Vinyl Chloride	2.16	62	49139	18.515	ug/l	99
5) Bromomethane	2.54	94	35539	17.438	ug/l	99
6) Chloroethane	2.67	64	32020	17.827	ug/l	99
7) Trichlorofluoromethane	2.98	101	57243	18.057	ug/l	99
8) Diethyl Ether	3.37	74	20534	19.267	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30530	18.772	ug/l	99
10) Methyl Iodide	3.91	142	33943	20.772	ug/l	99
11) Tert butyl alcohol	4.73	59	26453	88.870	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29831	18.306	ug/l	94
13) Acrolein	3.57	56	14126	79.403	ug/l	95
14) Allyl chloride	4.27	41	39446	18.238	ug/l	99
15) Acrylonitrile	4.93	53	68991	93.541	ug/l	100
16) Acetone	3.77	43	57735	90.868	ug/l	98
17) Carbon Disulfide	4.01	76	87253	18.299	ug/l	100
18) Methyl Acetate	4.28	43	32119	17.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100806	18.579	ug/l	100
20) Methylene Chloride	4.50	84	35726	17.259	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	33872	18.096	ug/l	96
22) Diisopropyl ether	5.90	45	89062	18.005	ug/l	95
23) Vinyl Acetate	5.84	43	355186	91.296	ug/l	99
24) 1,1-Dichloroethane	5.80	63	57823	17.857	ug/l	98
25) 2-Butanone	6.78	43	83065	89.605	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49363	18.120	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38812	17.970	ug/l	100
28) Bromochloromethane	7.15	49	27661	19.186	ug/l	97
29) Tetrahydrofuran	7.17	42	54927	90.033	ug/l	99
30) Chloroform	7.33	83	61283	17.709	ug/l	99
31) Cyclohexane	7.61	56	49736	17.546	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	51634	17.520	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44963	18.190	ug/l	99
37) Ethyl Acetate	6.88	43	38690	20.044	ug/l	99
38) Carbon Tetrachloride	7.73	117	43943	17.952	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51727	19.434	ug/l	97
40) Benzene	8.00	78	138641	18.516	ug/l	96
41) Methacrylonitrile	7.12	41	14795	17.925	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48531	19.009	ug/l	99
43) Isopropyl Acetate	8.12	43	59810	18.386	ug/l #	91
44) Trichloroethene	8.80	130	36762	18.655	ug/l	97
45) 1,2-Dichloropropane	9.08	63	34301	18.641	ug/l	99
46) Dibromomethane	9.17	93	23819	18.382	ug/l	97
47) Bromodichloromethane	9.37	83	48967	18.455	ug/l	98
48) Methyl methacrylate	9.17	41	26293	17.774	ug/l	99
49) 1,4-Dioxane	9.16	88	13025	383.502	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	178650	92.937	ug/l	100
52) Toluene	10.12	92	87407	18.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53062	18.838	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57595	18.826	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	35890	19.398	ug/l	98
56) Ethyl methacrylate	10.40	69	45800	18.168	ug/l	99
57) 1,3-Dichloropropane	10.68	76	59160	18.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	92002	94.219	ug/l	100
59) 2-Hexanone	10.72	43	125425	90.699	ug/l	100
60) Dibromochloromethane	10.87	129	37958	18.386	ug/l	100
61) 1,2-Dibromoethane	10.98	107	35829	18.545	ug/l	99
64) Tetrachloroethene	10.60	164	30839	19.239	ug/l	99
65) Chlorobenzene	11.40	112	95353	17.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34370	18.571	ug/l	100
67) Ethyl Benzene	11.48	91	161491	18.151	ug/l	98
68) m/p-Xylenes	11.59	106	128196	37.366	ug/l	99
69) o-Xylene	11.92	106	60840	18.586	ug/l	99
70) Styrene	11.94	104	100203	18.281	ug/l	99
71) Bromoform	12.10	173	24363	18.054	ug/l #	99
73) Isopropylbenzene	12.22	105	158391	18.770	ug/l	100
74) N-amyl acetate	12.05	43	48586	17.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49605	18.080	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	43060m	18.470	ug/l	
77) Bromobenzene	12.50	156	39926	18.754	ug/l	98
78) n-propylbenzene	12.56	91	178630	18.551	ug/l	98
79) 2-Chlorotoluene	12.65	91	106108	18.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	130011	18.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14727	17.229	ug/l	96
82) 4-Chlorotoluene	12.75	91	111094	18.591	ug/l	98
83) tert-Butylbenzene	12.97	119	109522	18.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	131495	19.080	ug/l	99
85) sec-Butylbenzene	13.15	105	143179	18.482	ug/l	99
86) p-Isopropyltoluene	13.26	119	132718	19.226	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	70519	18.161	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70655	17.777	ug/l	100
89) n-Butylbenzene	13.59	91	106231	18.427	ug/l	98
90) Hexachloroethane	13.85	117	22323	17.666	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	69392	18.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8411	18.884	ug/l	96

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ClientSampleId :
VN0617WBSD01

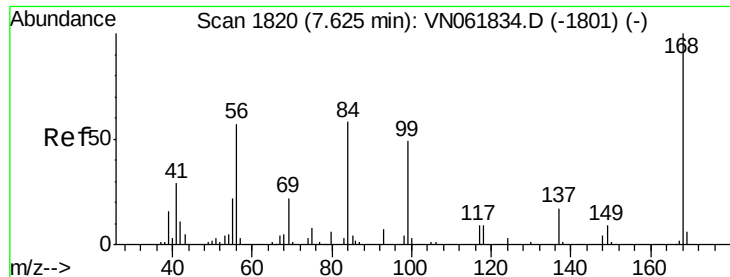
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	32468	18.407	ug/l	99
94) Hexachlorobutadiene	14.99	225	13224	19.035	ug/l	97
95) Naphthalene	15.10	128	93907	18.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33384	19.110	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion:168 Resp: 160387

Ion Ratio Lower Upper

168 100

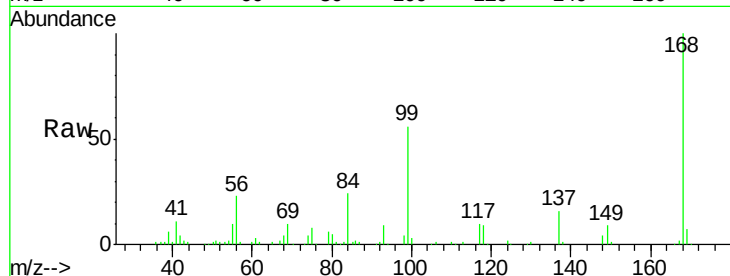
99 56.4 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

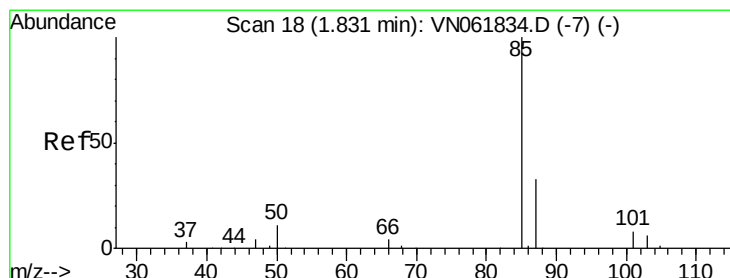
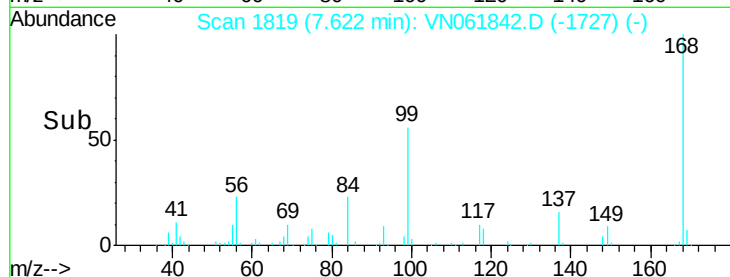
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.421 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061842.D

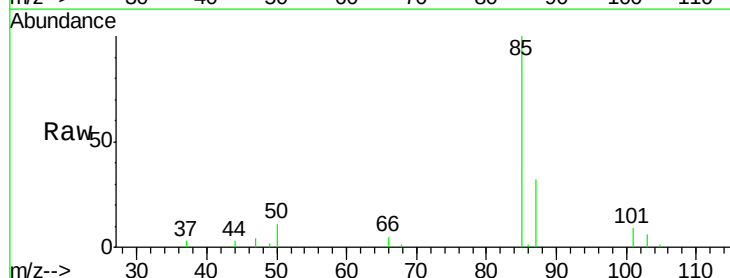
Acq: 17 Jun 2020 12:40

Tgt Ion: 85 Resp: 40155

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

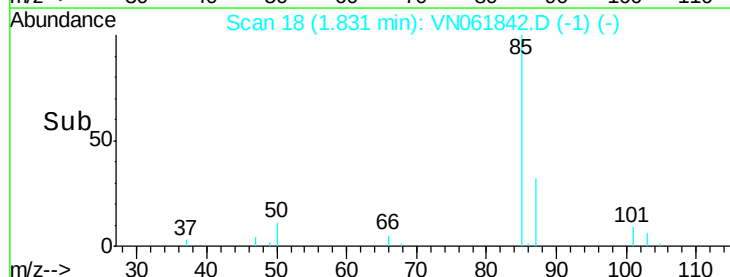
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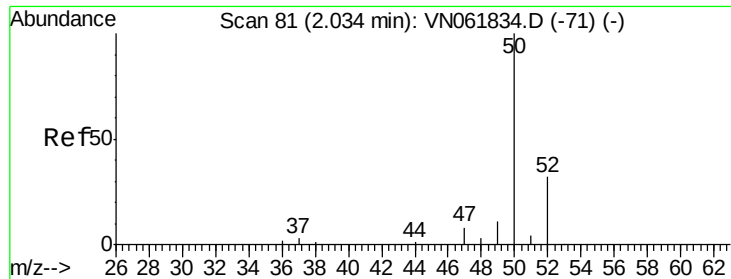
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.377 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 50 Resp: 40912

Ion Ratio Lower Upper

50 100

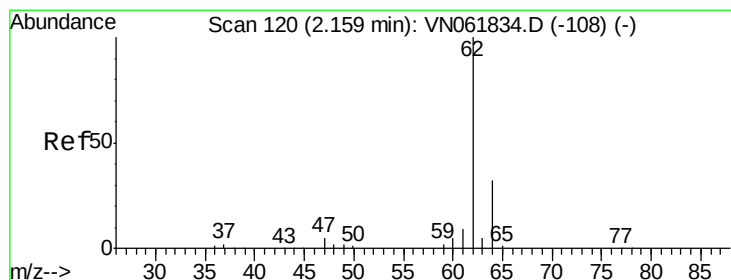
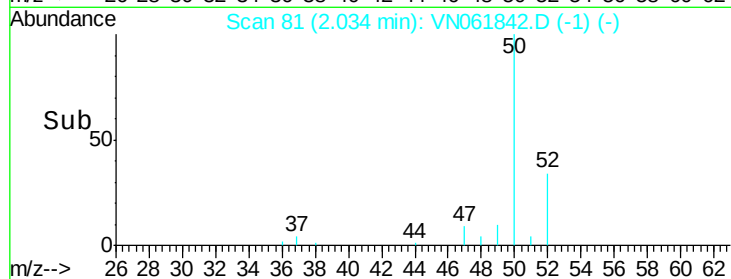
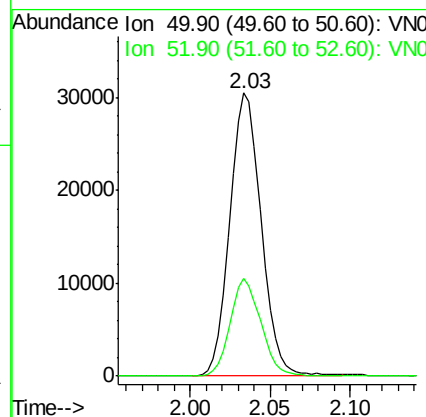
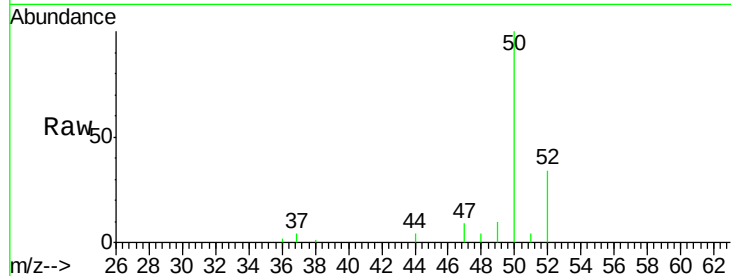
52 34.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.515 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061842.D

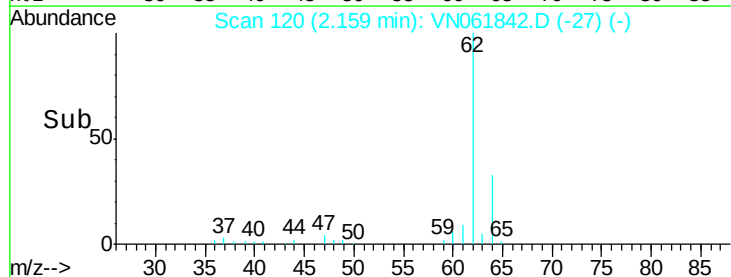
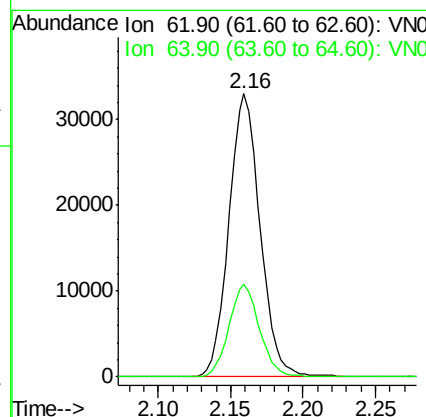
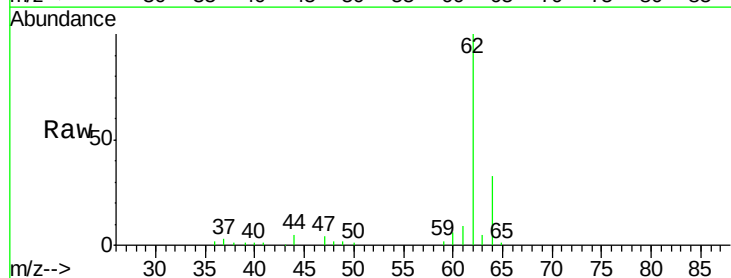
Acq: 17 Jun 2020 12:40

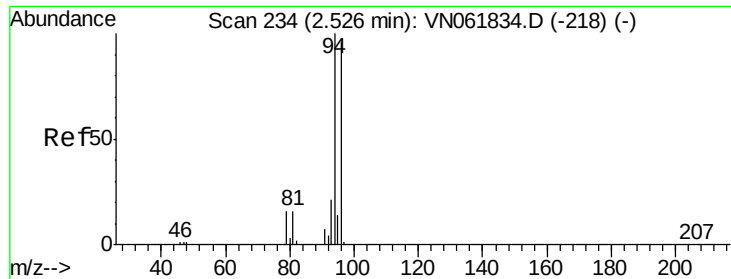
Tgt Ion: 62 Resp: 49139

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 17.438 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 94 Resp: 35539

Ion Ratio Lower Upper

94 100

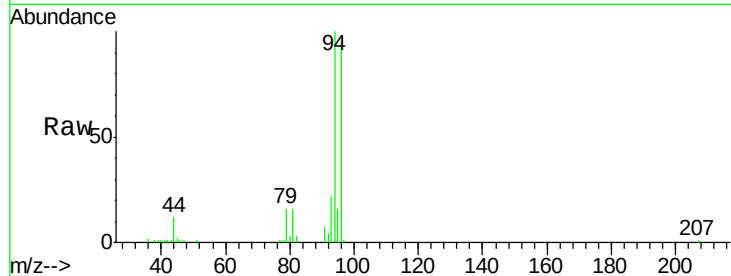
96 94.8 76.7 115.1

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

2.54

20000

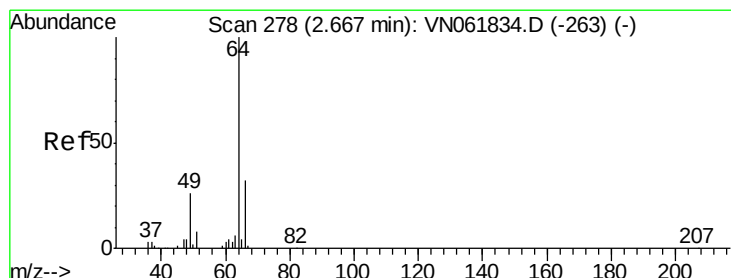
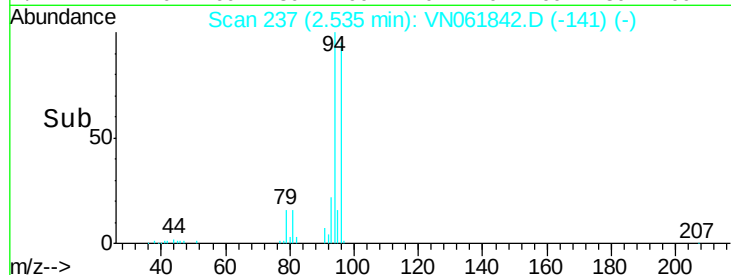
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.827 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061842.D

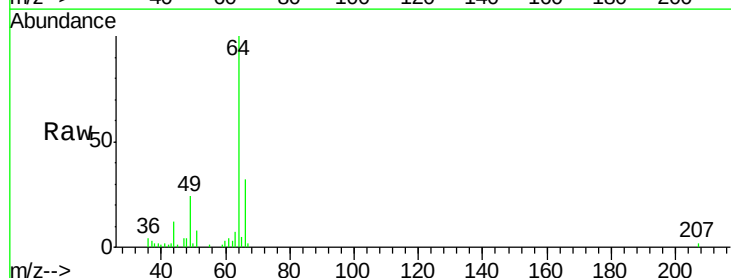
Acq: 17 Jun 2020 12:40

Tgt Ion: 64 Resp: 32020

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

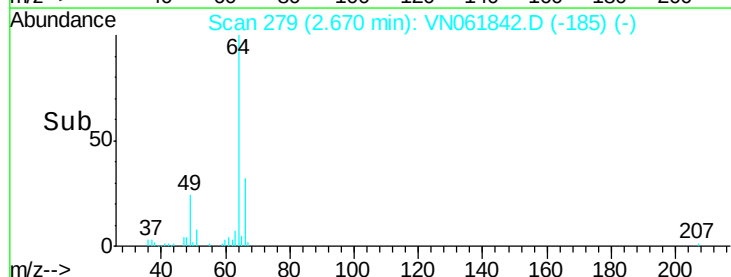
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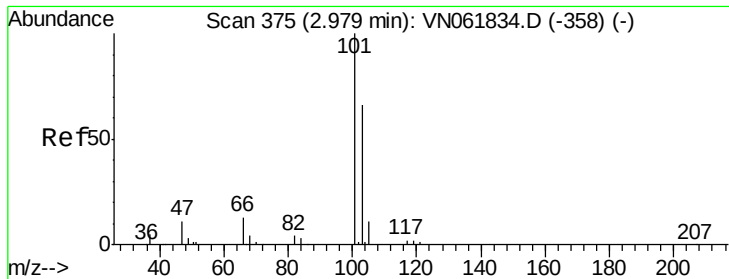
10000

5000

0

Time-->





#7

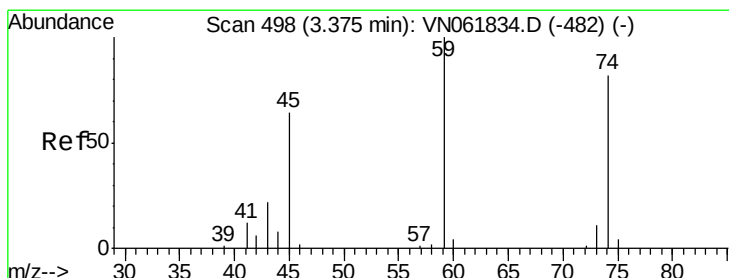
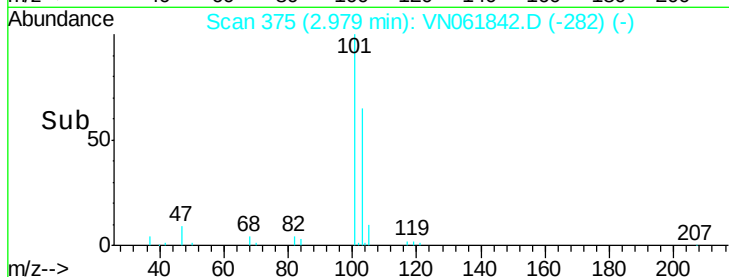
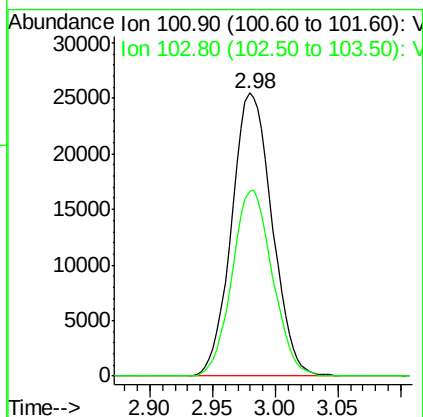
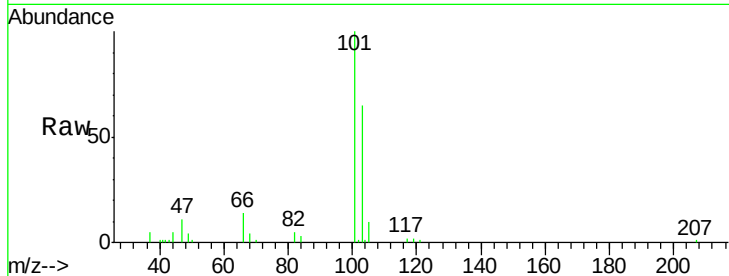
Trichlorofluoromethane
Concen: 18.057 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.8	79.2

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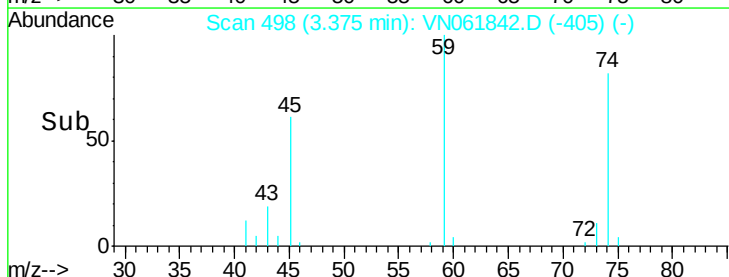
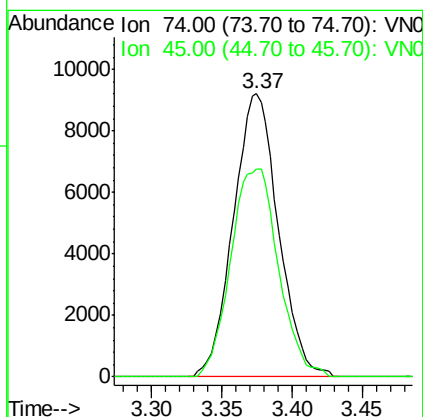
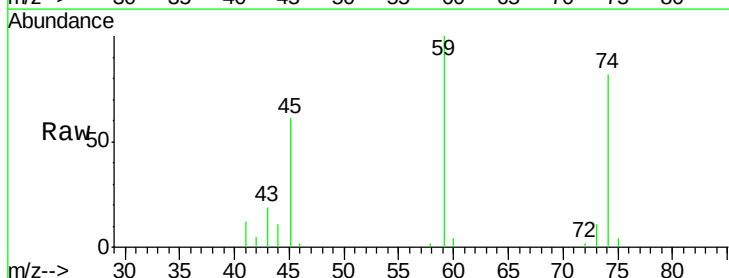
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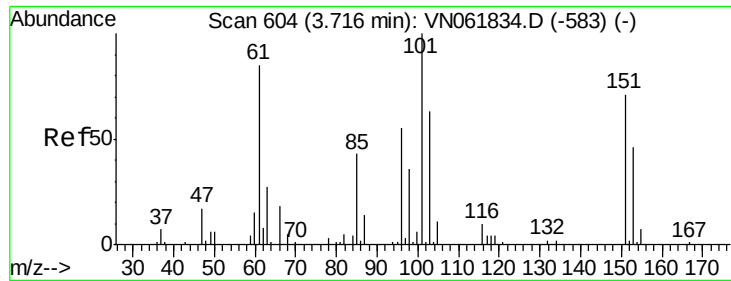


#8

Diethyl Ether
Concen: 19.267 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.1	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.772 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

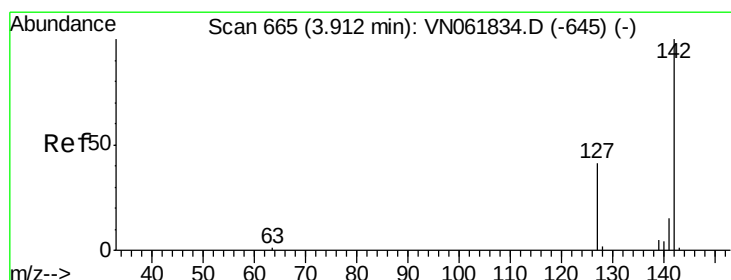
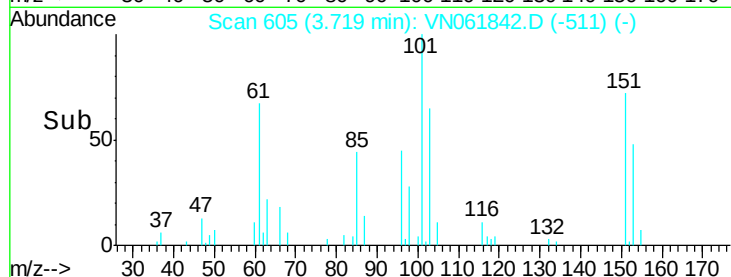
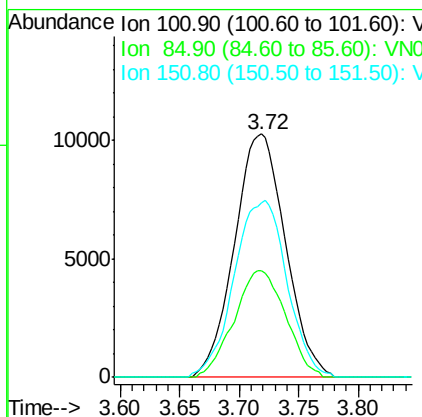
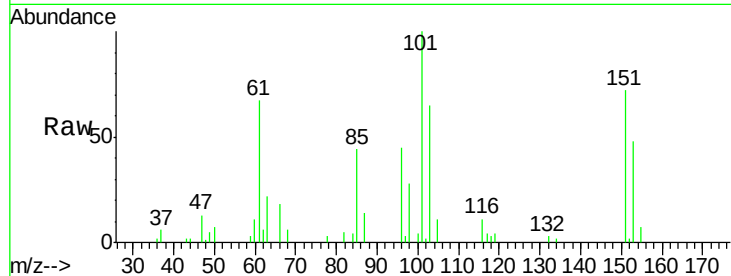
ClientSampleId :

VN0617WBSD01

Tot Ion:	101	Resp:	30530
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.6
151	75.2	59.2	88.8

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#10

Methyl Iodide

Concen: 20.772 ug/l

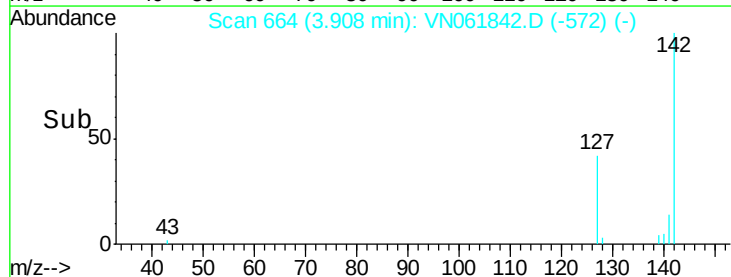
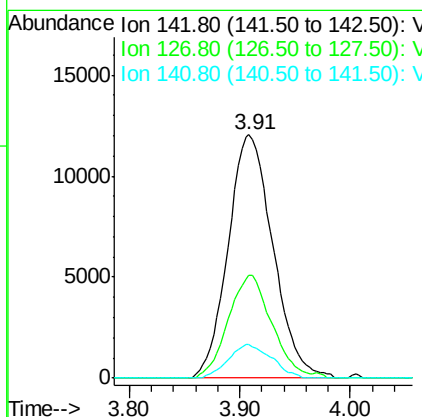
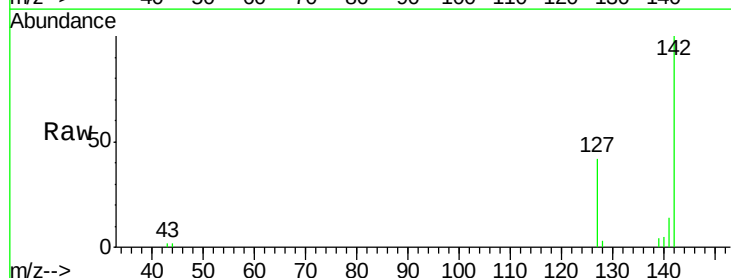
RT: 3.91 min Scan# 664

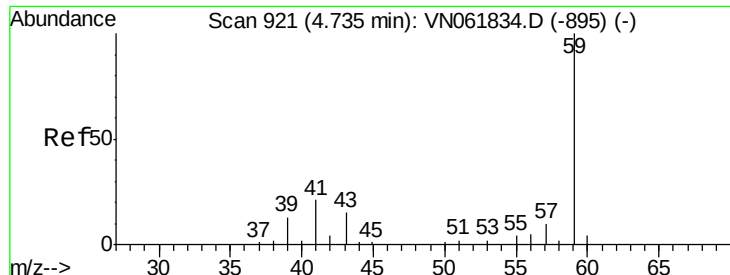
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	142	Resp:	33943
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.4	50.0
141	13.3	11.3	16.9





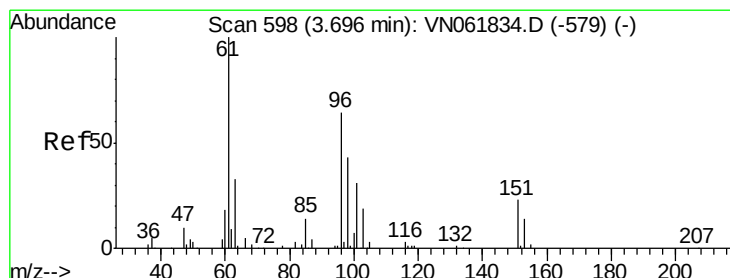
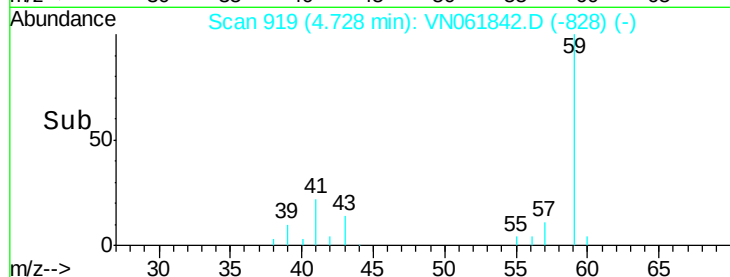
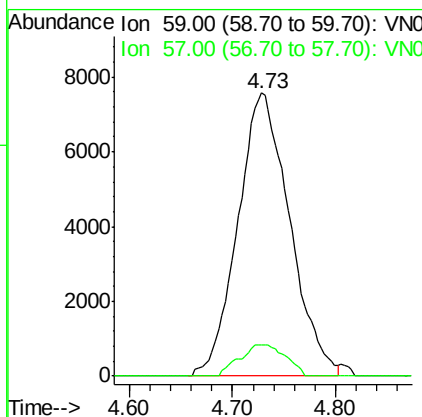
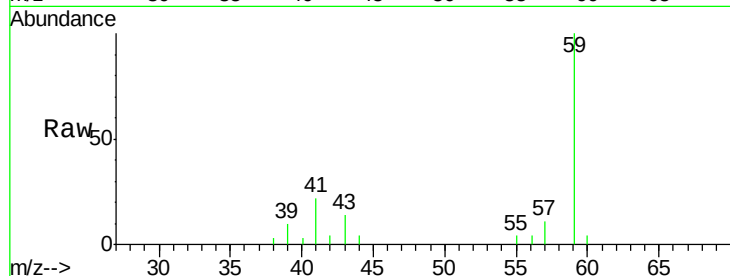
#11
Tert butyl alcohol
Concen: 88.870 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.7	11.5

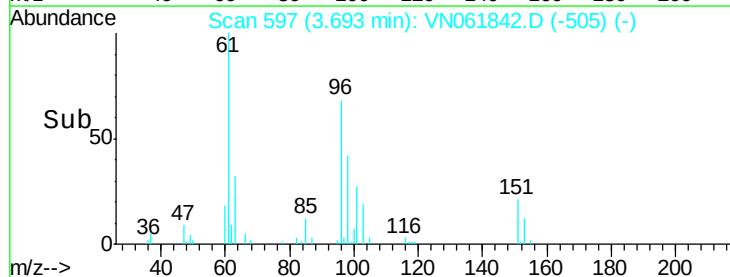
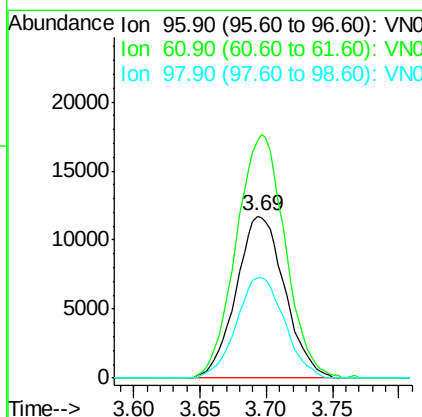
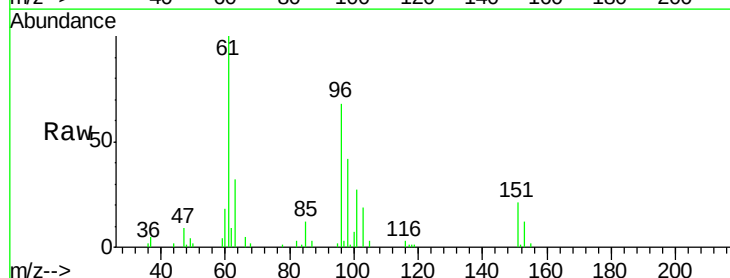
Manual Integrations
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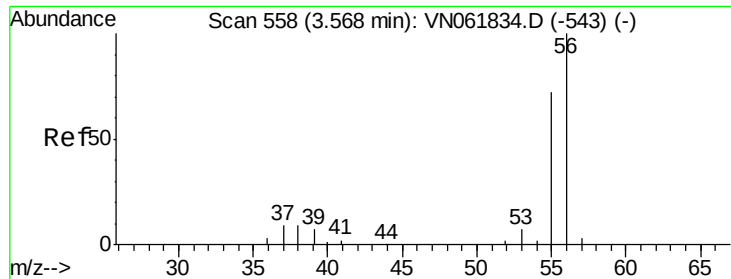
MMDadoda
6/18/2020 9:38:12 AM



#12
1,1-Dichloroethene
Concen: 18.306 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	124.3	186.5
98	61.7	53.1	79.7





#13

Acrolein

Concen: 79.403 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 56 Resp: 14126

Ion Ratio Lower Upper

56 100

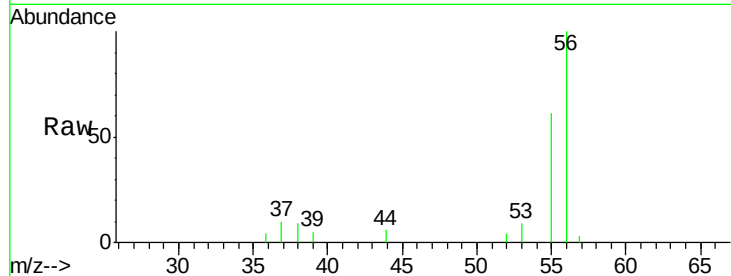
55 66.4 56.2 84.4

Manual Integrations

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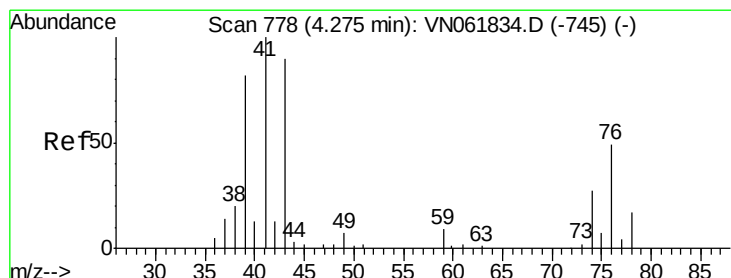
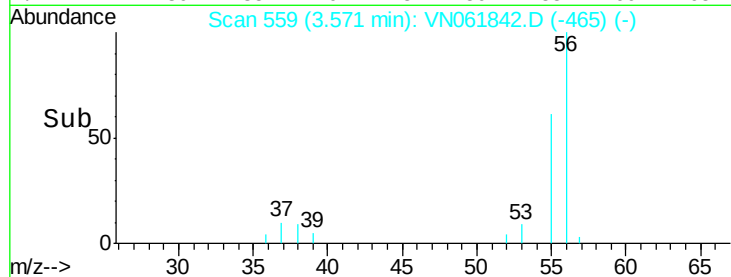
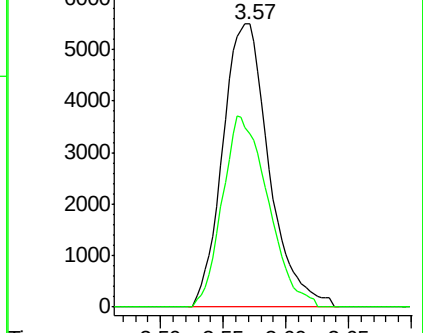
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Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 18.238 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

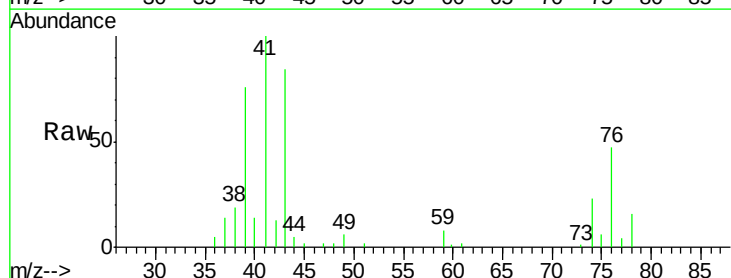
Tgt Ion: 41 Resp: 39446

Ion Ratio Lower Upper

41 100

39 74.3 60.2 90.2

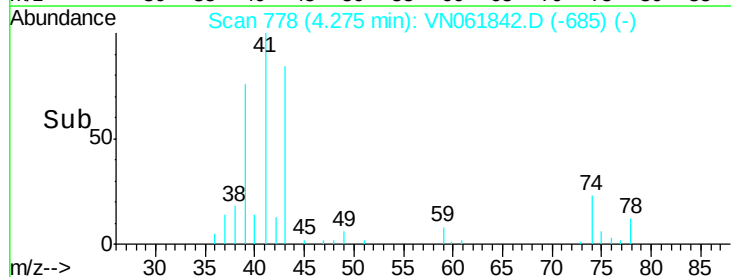
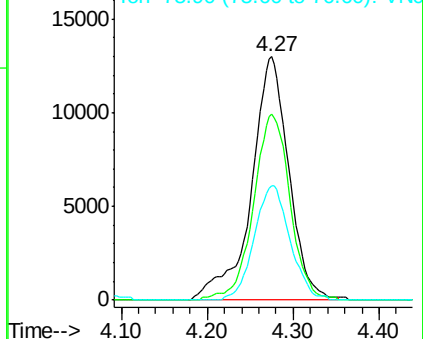
76 44.8 36.3 54.5

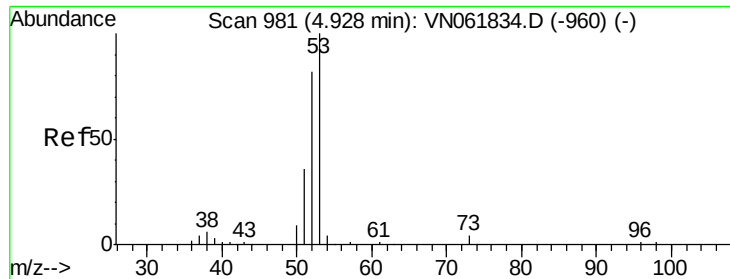


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 93.541 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

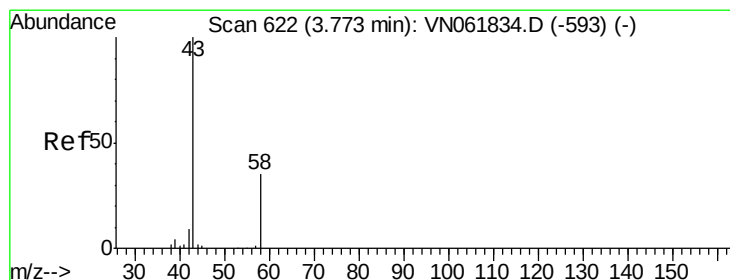
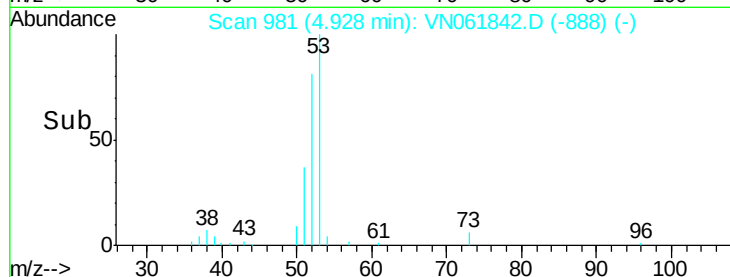
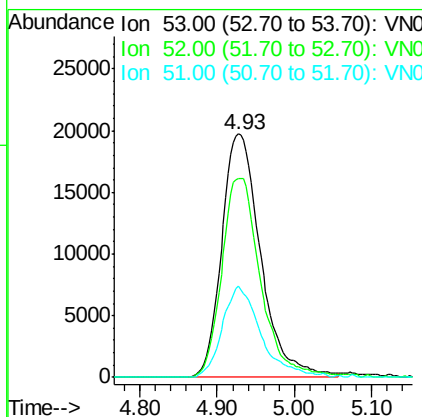
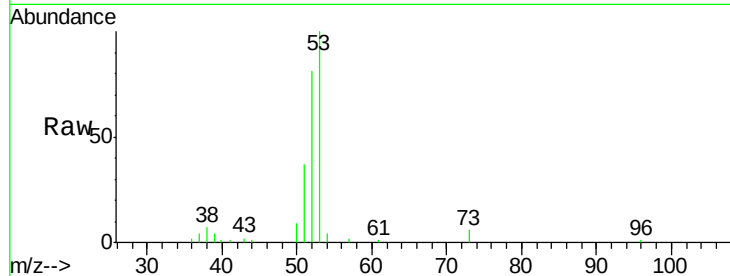
ClientSampleId :

VN0617WBSD01

Tot Ion:	53	Resp:	68991
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.2	97.8
51	36.7	29.3	43.9

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#16

Acetone

Concen: 90.868 ug/l

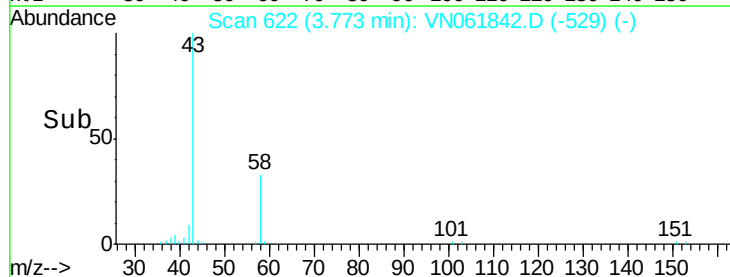
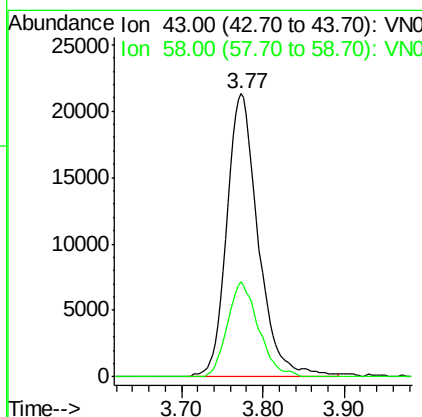
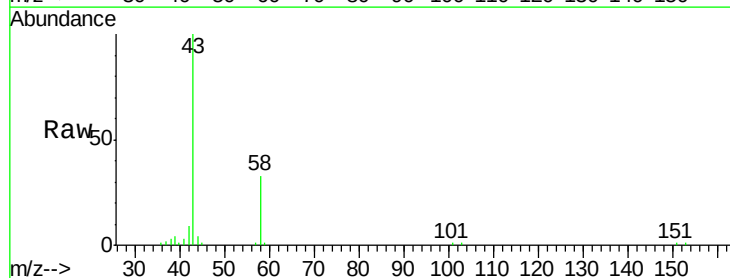
RT: 3.77 min Scan# 622

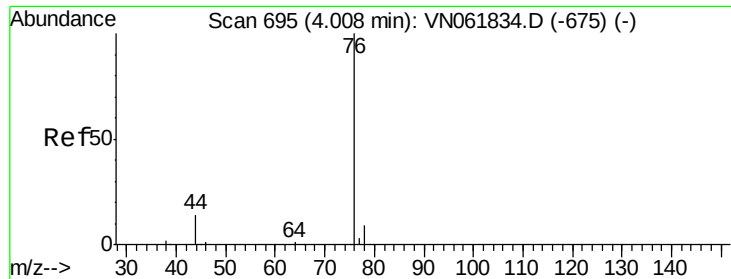
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	43	Resp:	57735
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.8	41.8





#17

Carbon Disulfide

Concen: 18.299 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 76 Resp: 87253

Ion Ratio Lower Upper

76 100

78 9.0

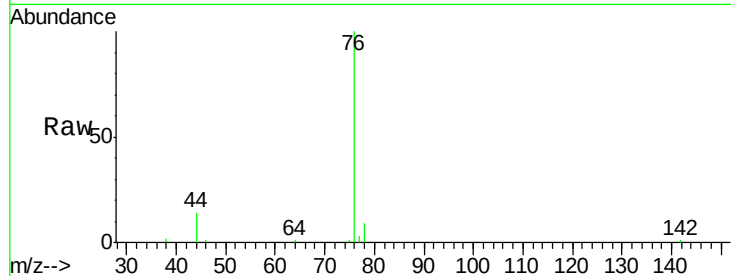
7.3 10.9

Manual Integrations

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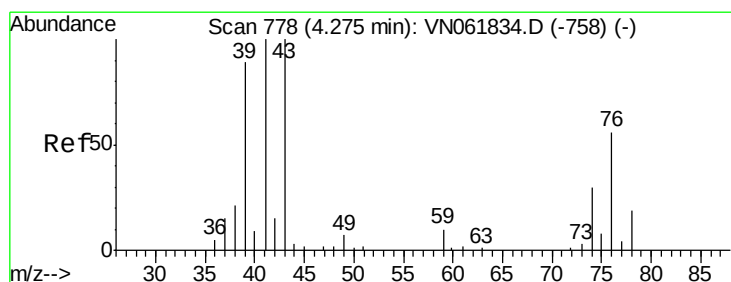
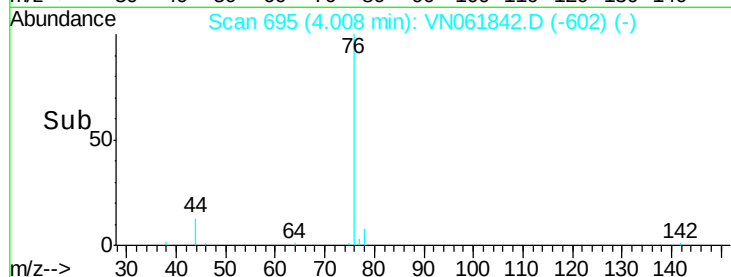
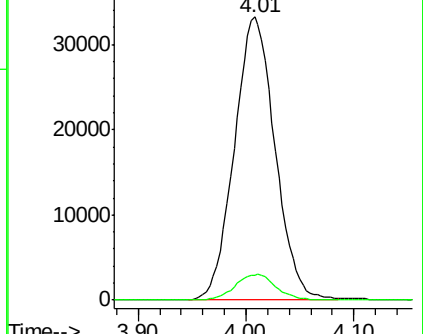
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.559 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

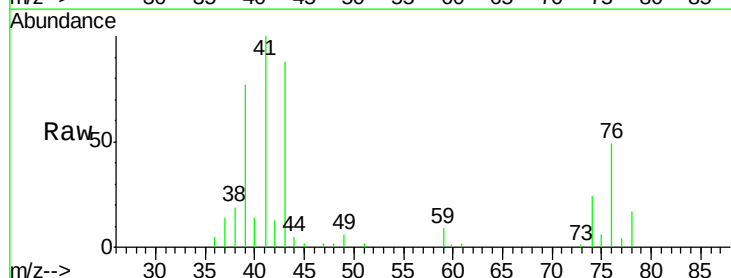
Tgt Ion: 43 Resp: 32119

Ion Ratio Lower Upper

43 100

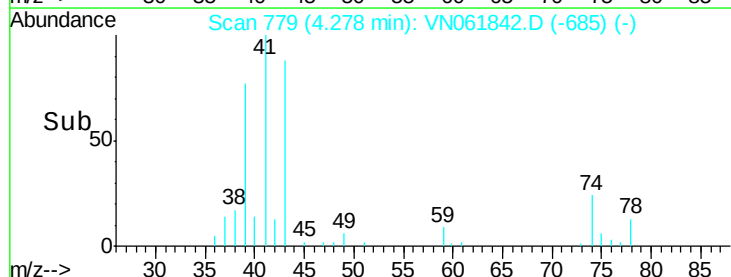
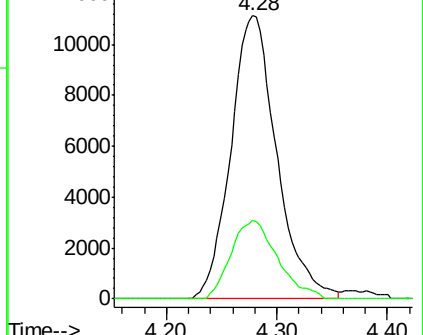
74 28.0

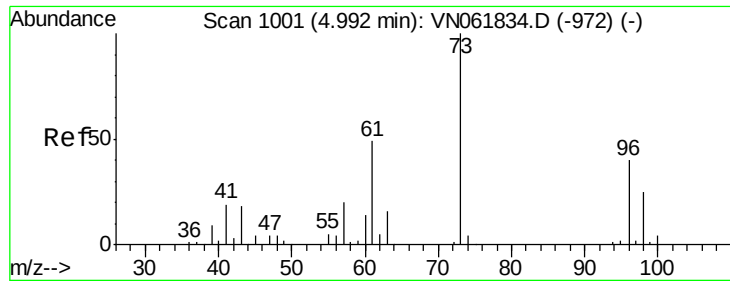
23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





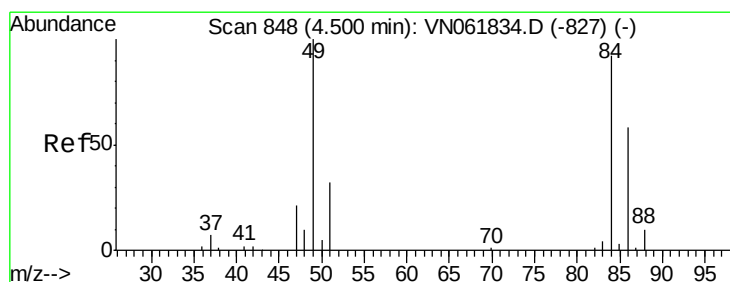
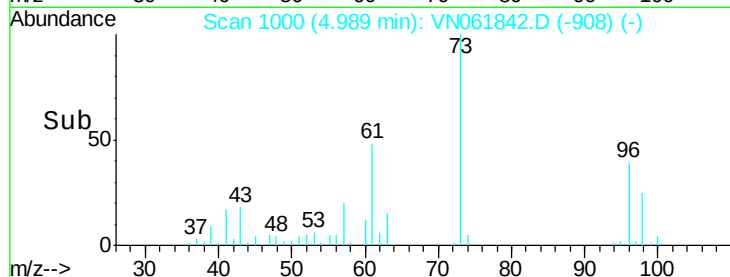
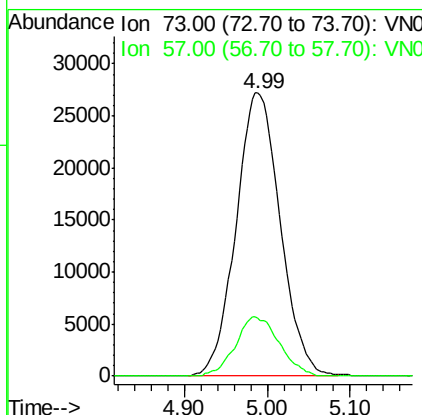
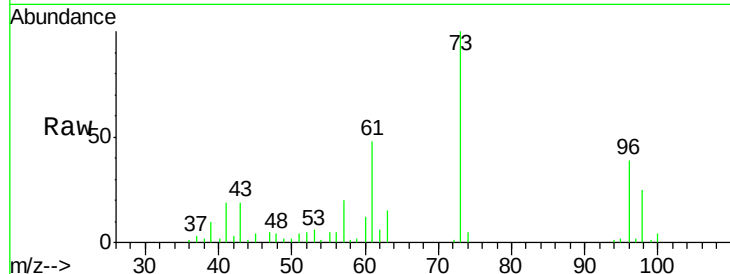
#19
Methyl tert-butyl Ether
Concen: 18.579 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 73 Resp: 100806
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4

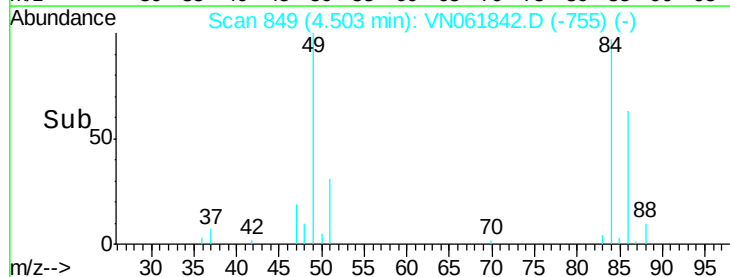
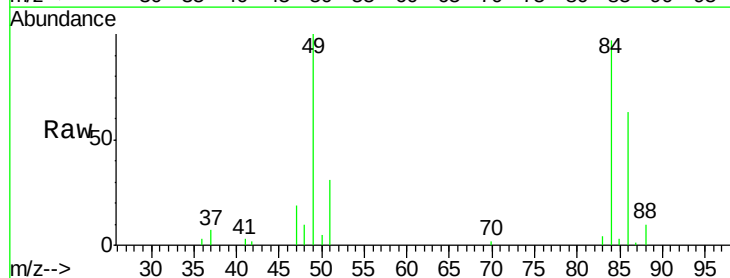
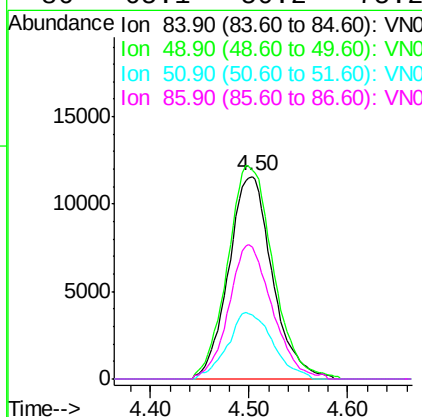
Manual Integrations
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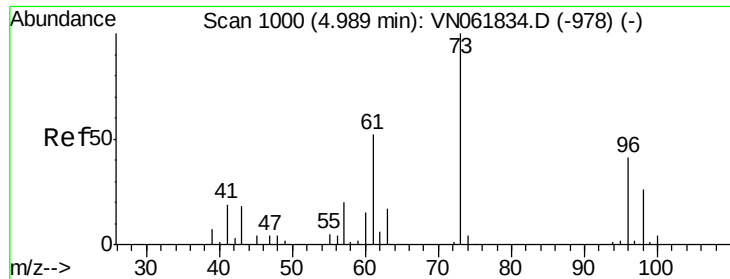
MMDadoda
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#20
Methylene Chloride
Concen: 17.259 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 84 Resp: 35726
Ion Ratio Lower Upper
84 100
49 102.8 87.0 130.4
51 31.3 27.8 41.6
86 65.1 50.2 75.2





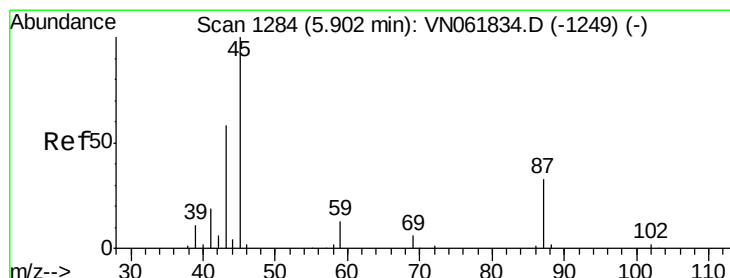
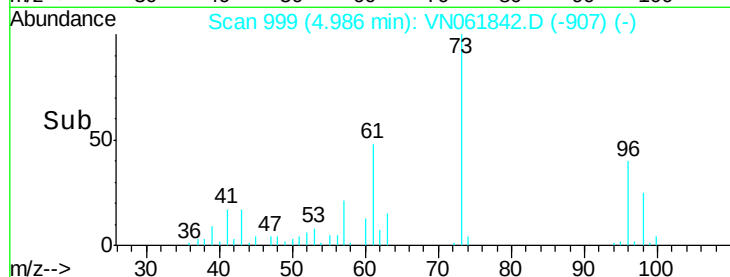
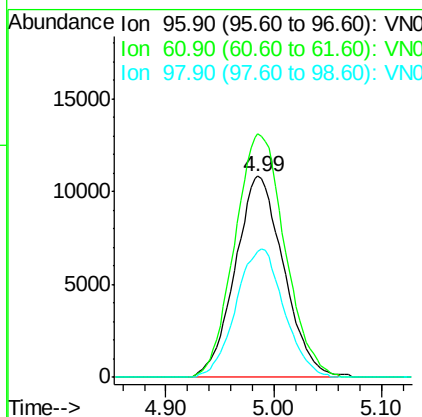
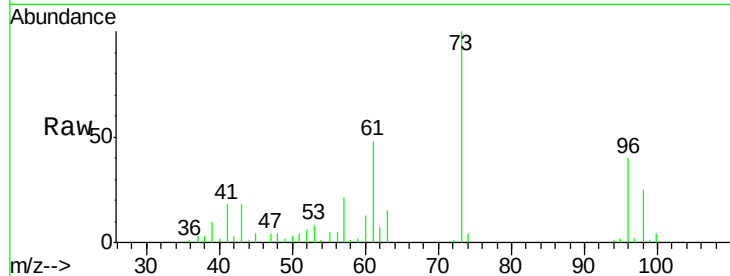
#21
trans-1,2-Dichloroethene
Concen: 18.096 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.0	102.2	153.4
98	62.8	51.2	76.8

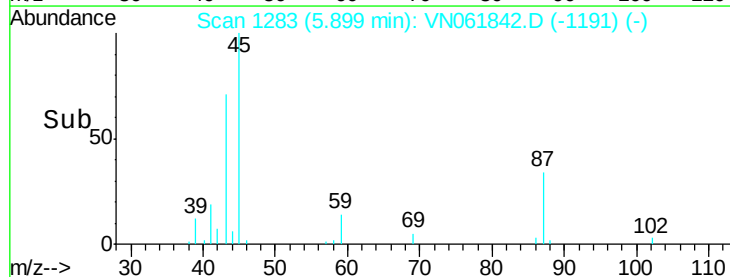
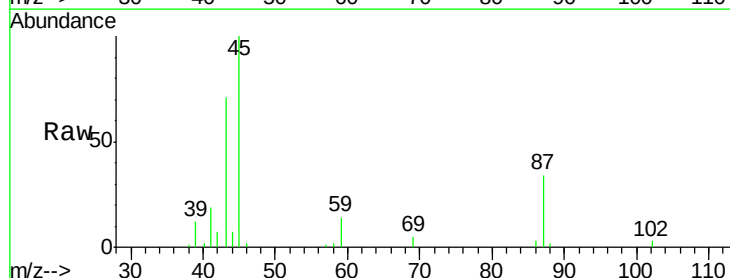
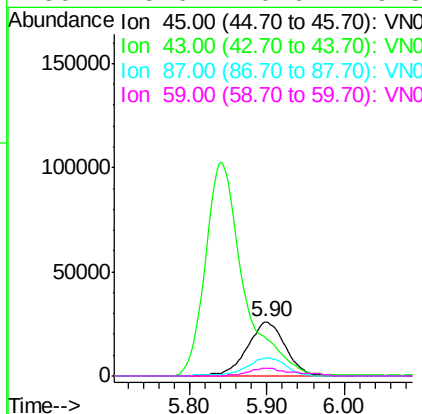
Manual Integrations
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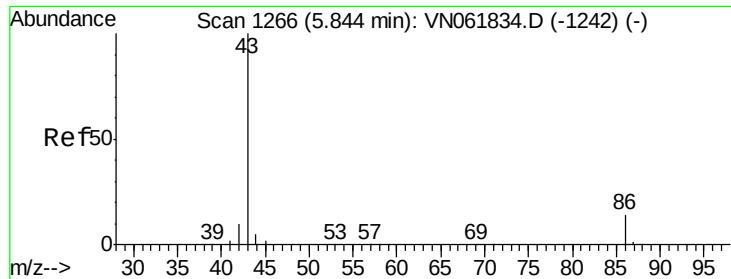
MMDadoda
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#22
Diisopropyl ether
Concen: 18.005 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.5	49.4	74.2
87	34.4	27.4	41.0
59	13.6	10.6	15.8





#23

Vinyl Acetate

Concen: 91.296 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 43 Resp: 355186

Ion Ratio Lower Upper

43 100

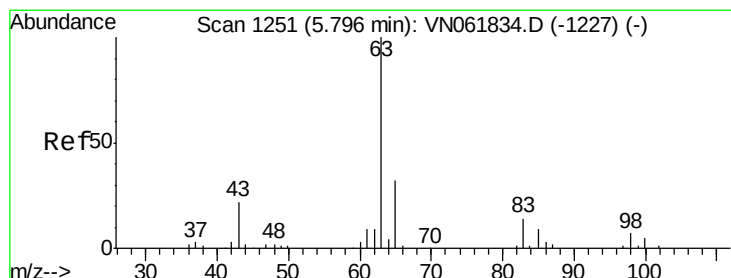
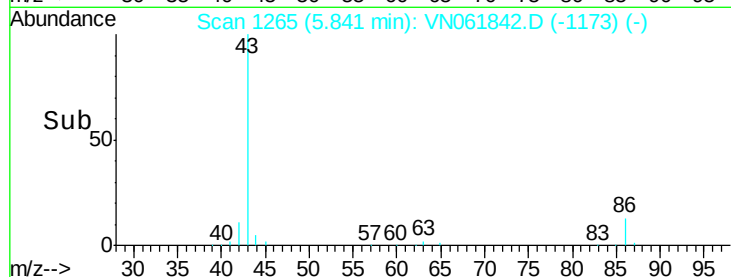
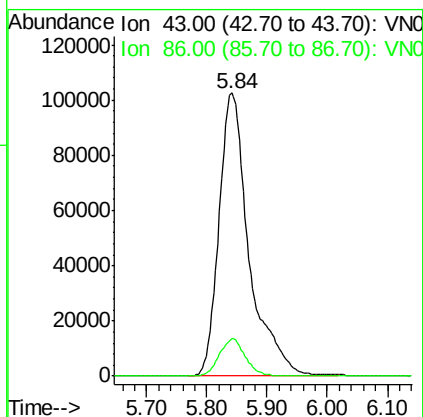
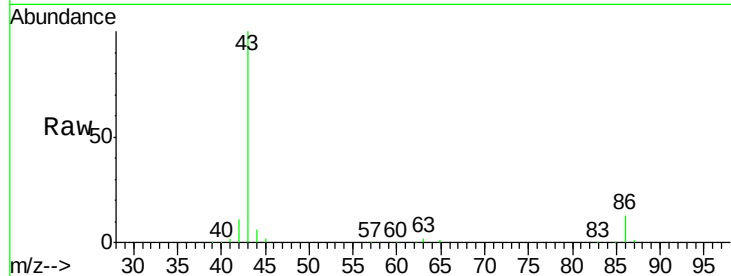
86 13.1 10.9 16.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.857 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

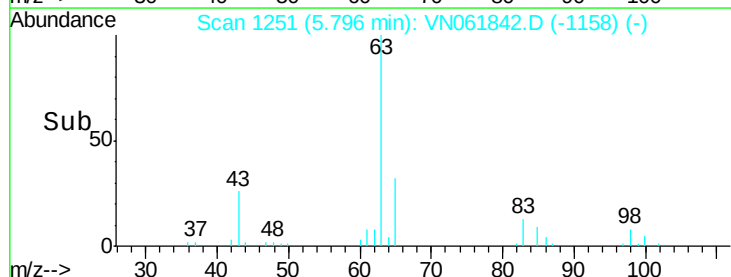
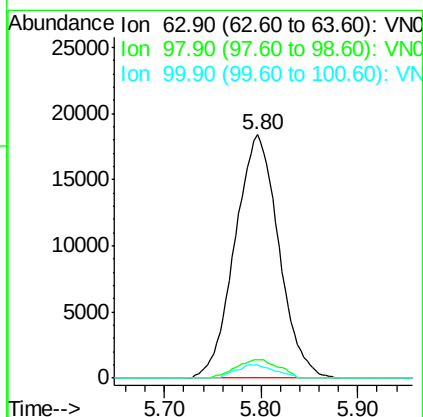
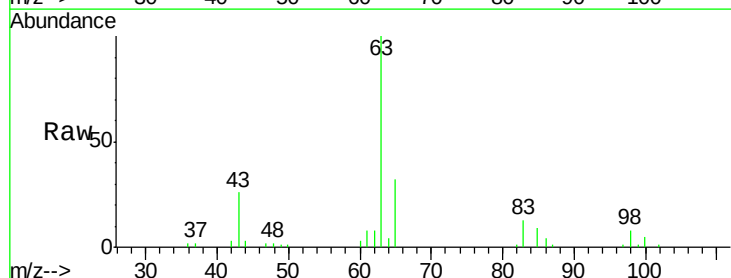
Tgt Ion: 63 Resp: 57823

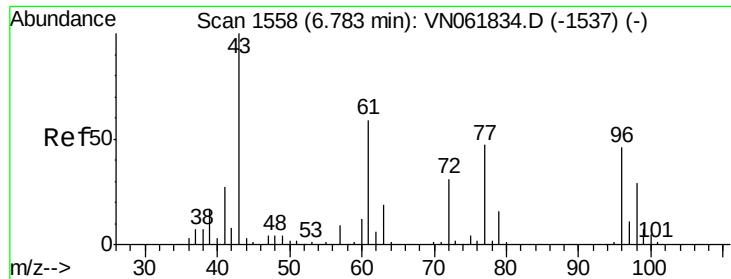
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 89.605 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 43 Resp: 83065

Ion Ratio Lower Upper

43 100

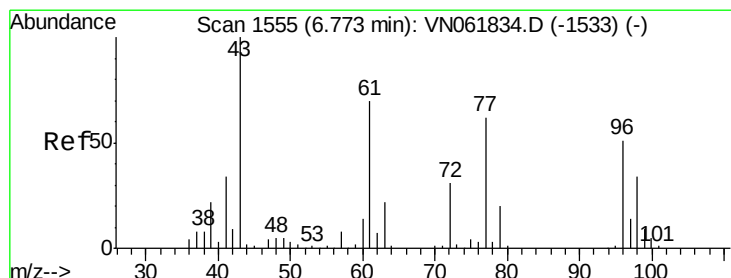
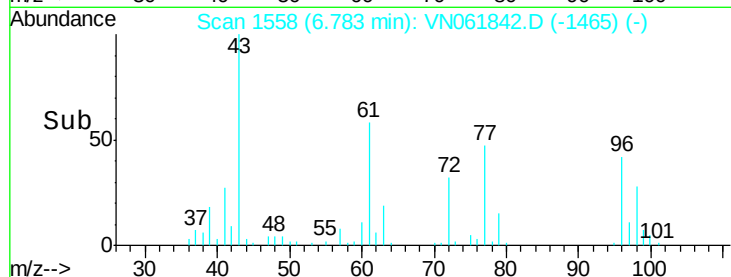
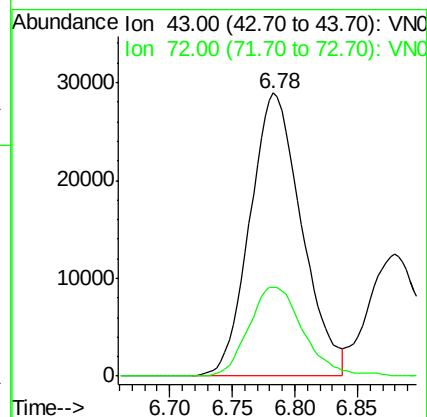
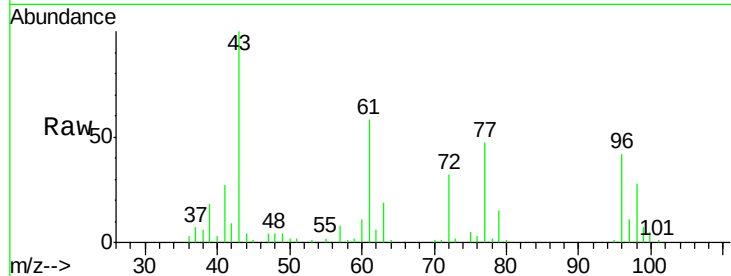
72 31.6 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.120 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061842.D

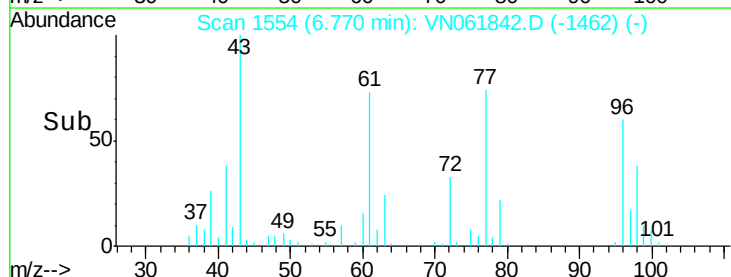
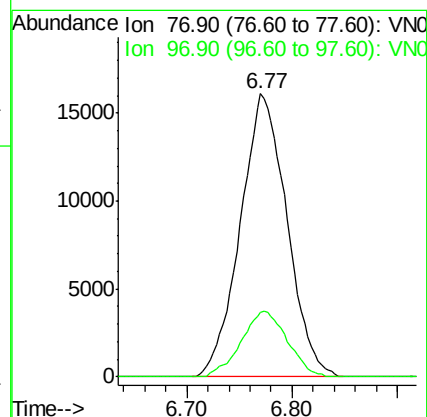
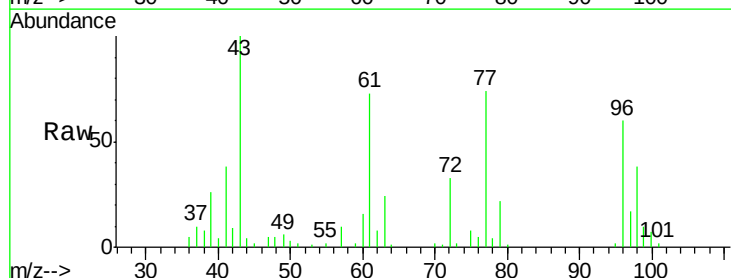
Acq: 17 Jun 2020 12:40

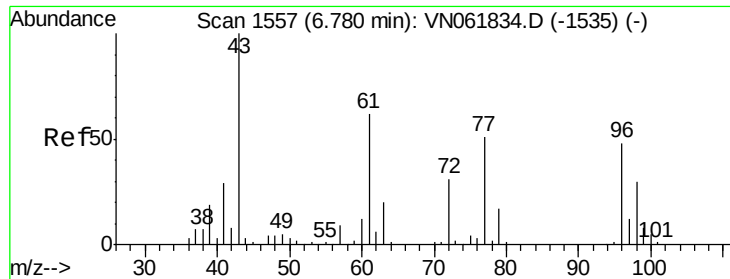
Tgt Ion: 77 Resp: 49363

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.970 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

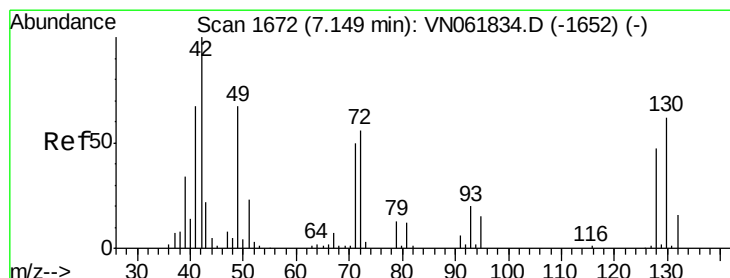
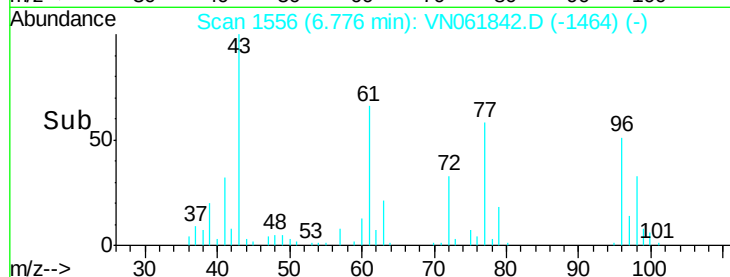
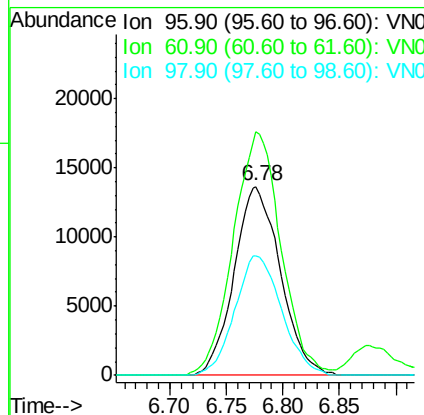
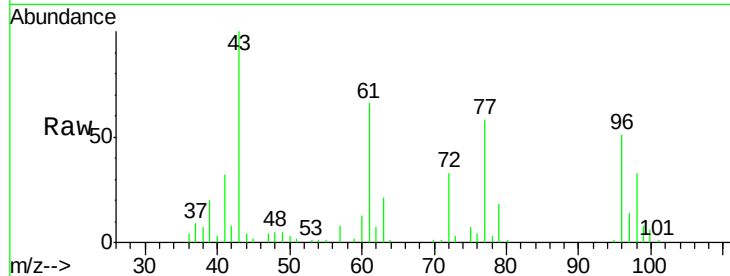
ClientSampleId :

VN0617WBSD01

Tot Ion:	96	Resp:	38812
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	265.6
98	64.0	0.0	128.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.186 ug/l

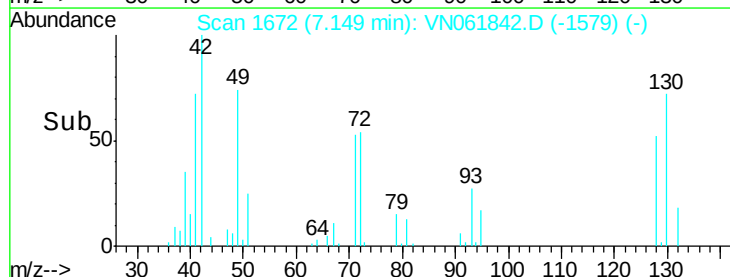
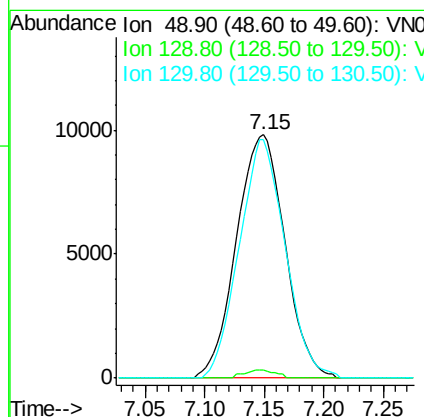
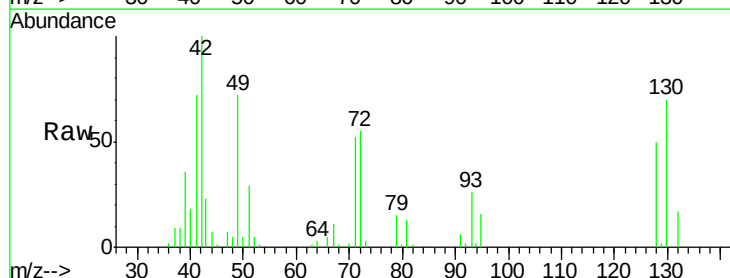
RT: 7.15 min Scan# 1672

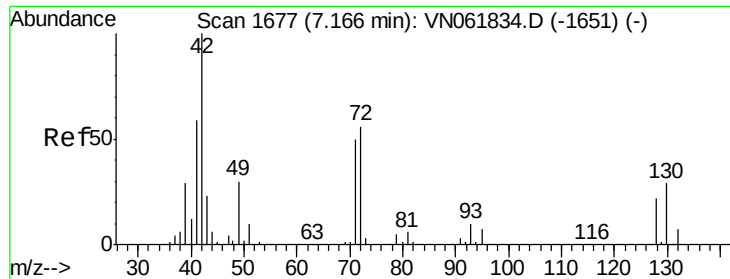
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	49	Resp:	27661
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	92.9	72.2	108.2





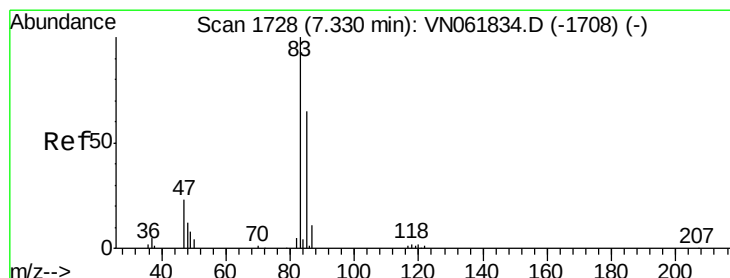
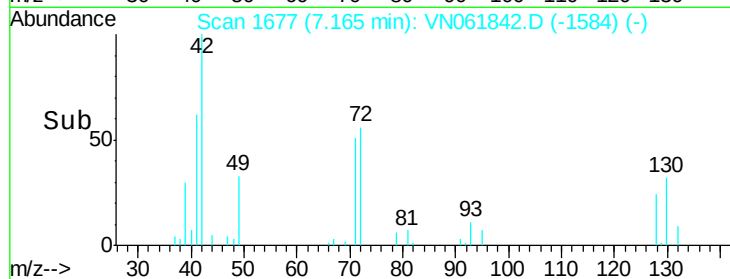
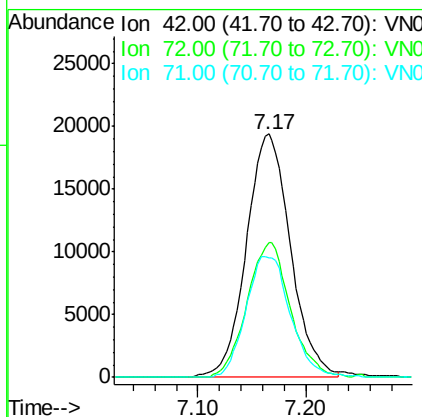
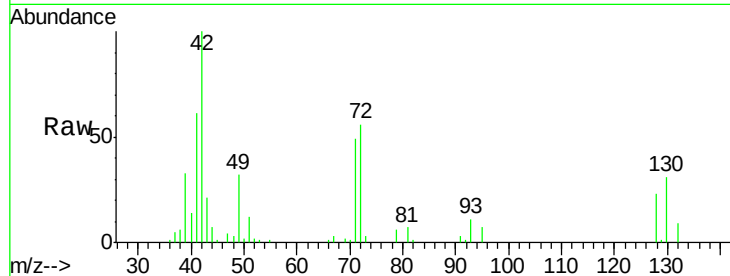
#29
Tetrahydrofuran
Concen: 90.033 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.4	44.0	66.0
71	50.3	40.0	60.0

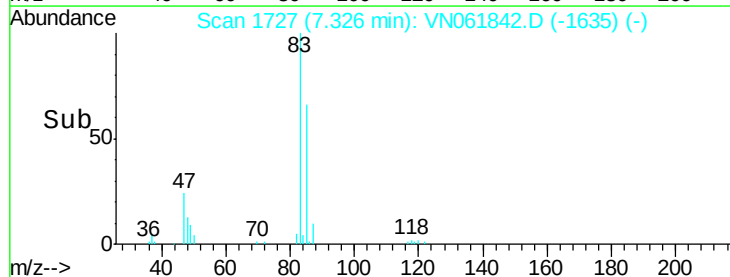
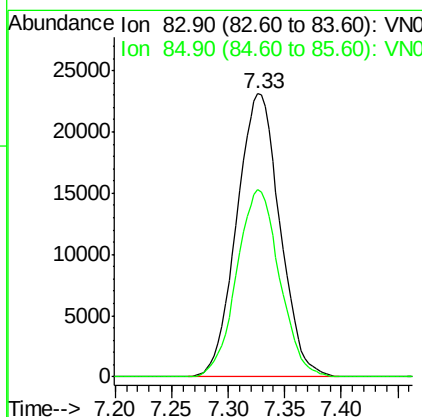
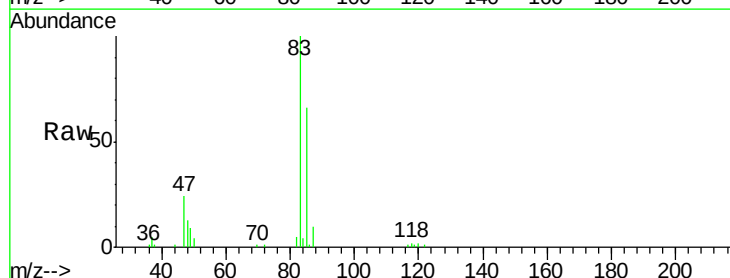
Manual Integrations
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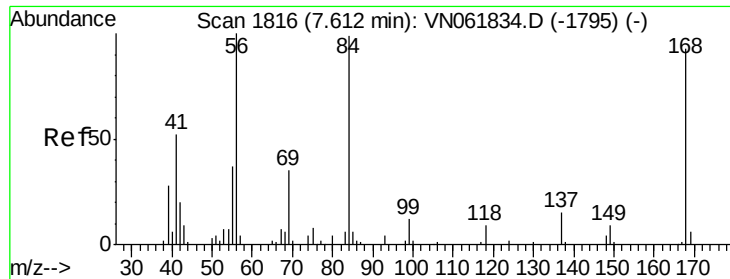
MMDadoda
6/18/2020 9:38:12 AM



#30
Chloroform
Concen: 17.709 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.0	78.0





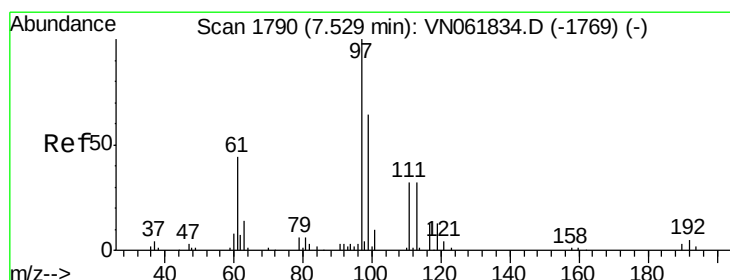
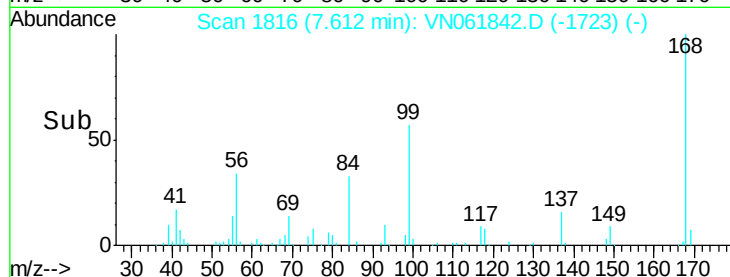
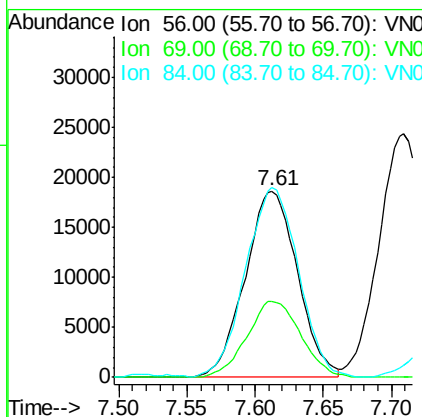
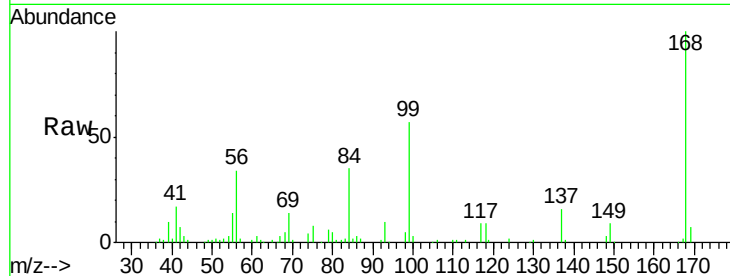
#31
Cyclohexane
Concen: 17.546 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.7	41.5
84	102.4	79.1	118.7

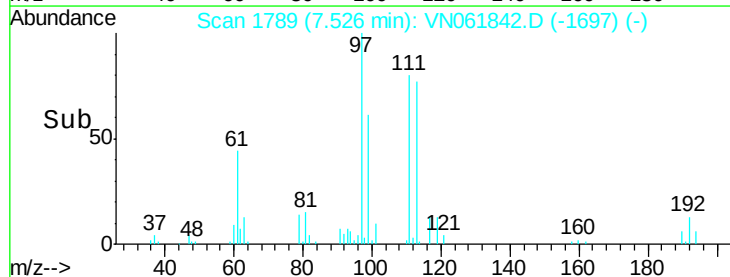
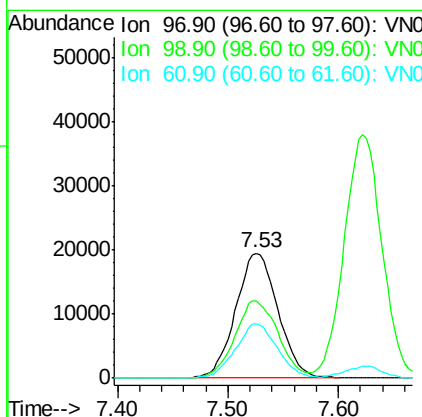
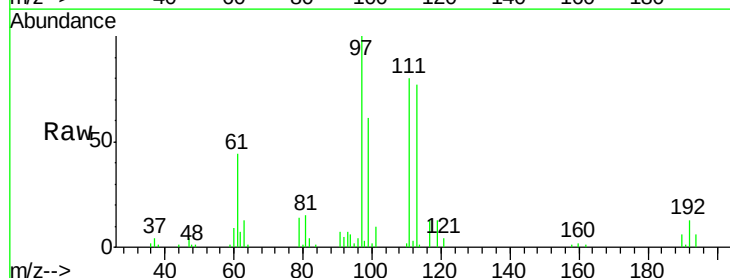
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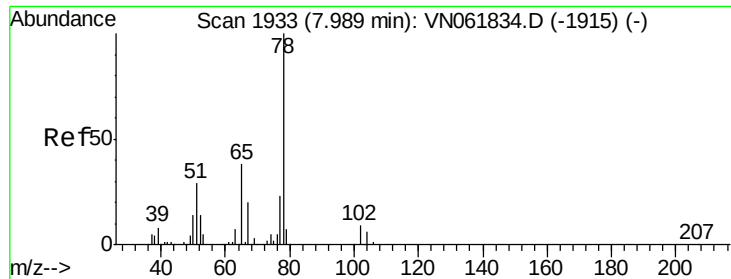
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.520 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	43.1	35.1	52.7





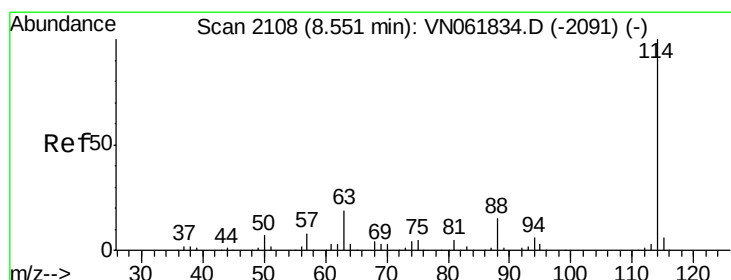
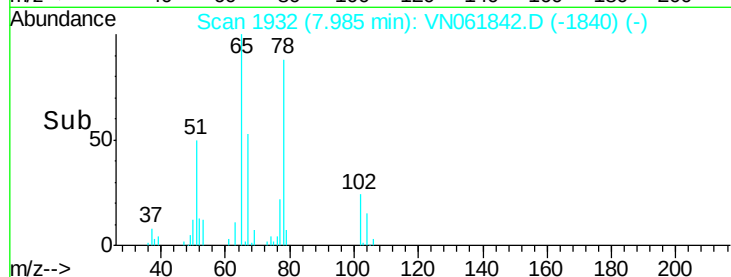
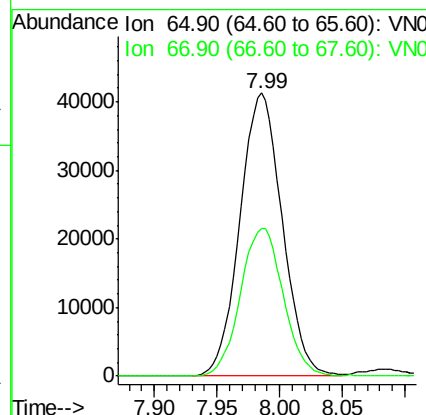
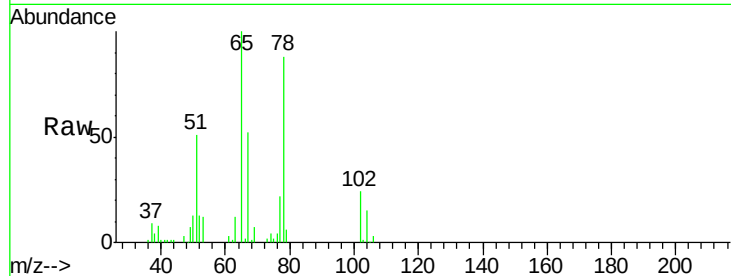
#33
 1,2-Dichloroethane-d4
 Concen: 45.067 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	106.2	

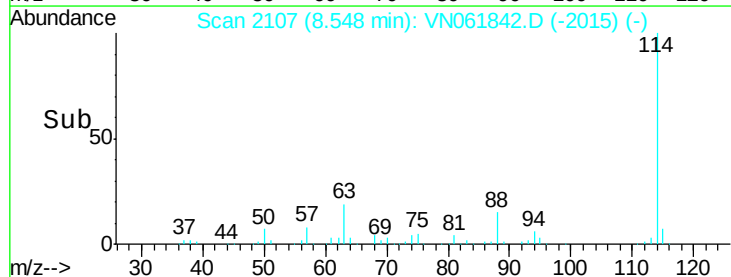
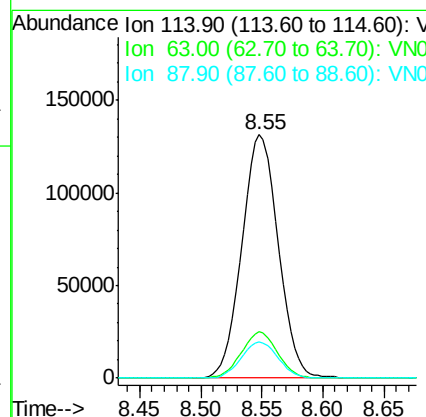
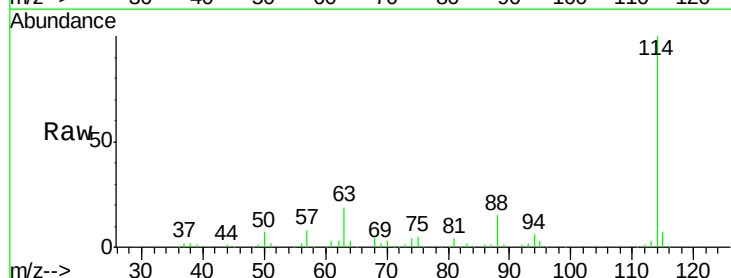
Manual Integrations
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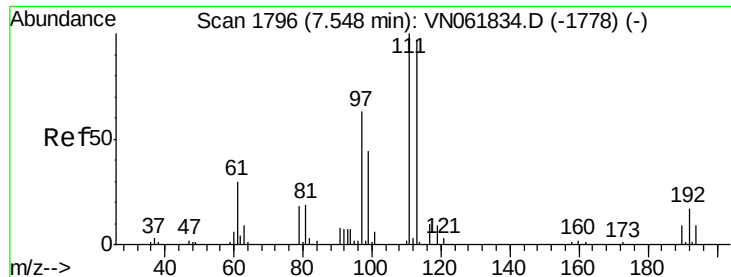
MMDadoda
 6/18/2020 9:38:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	37.6	
88	14.9	0.0	31.0	





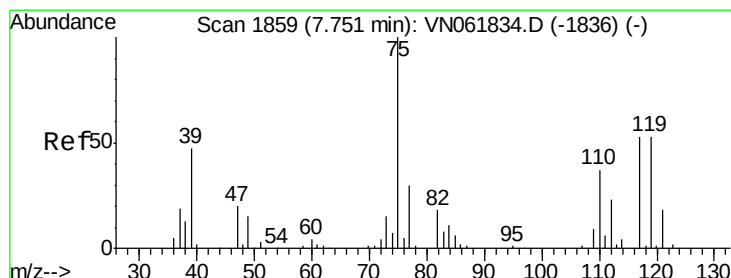
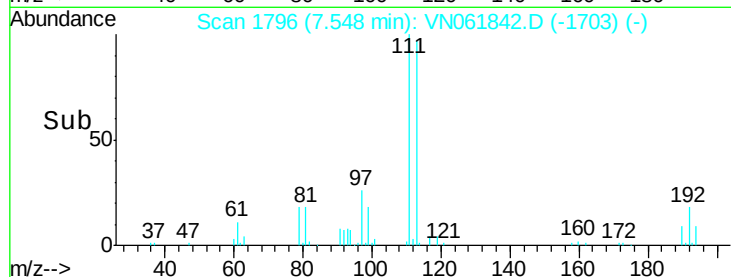
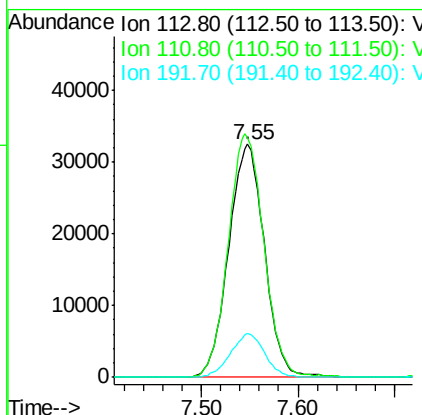
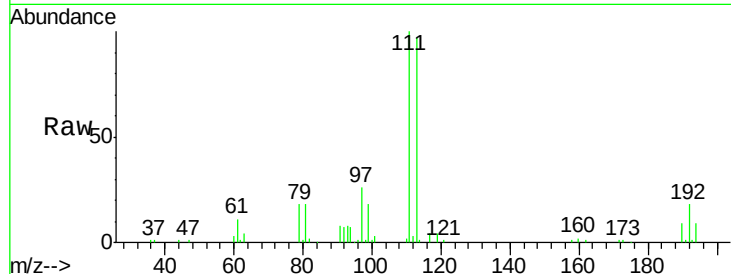
#35
 Dibromofluoromethane
 Concen: 48.177 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.7	125.5
192	17.9	13.9	20.9

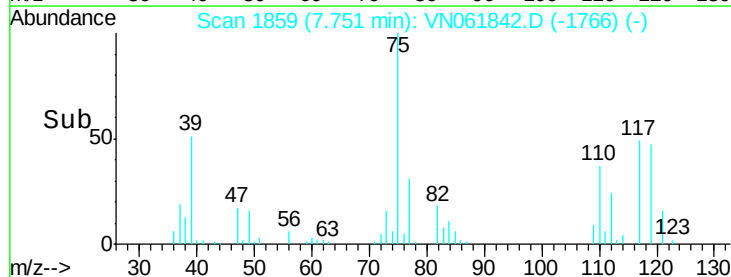
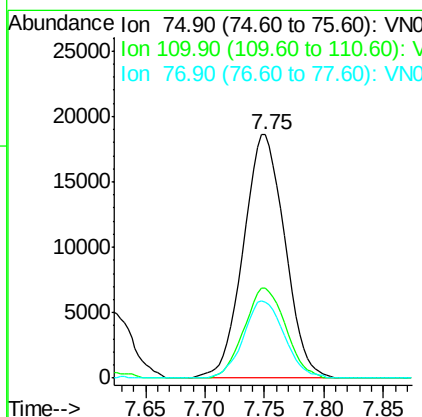
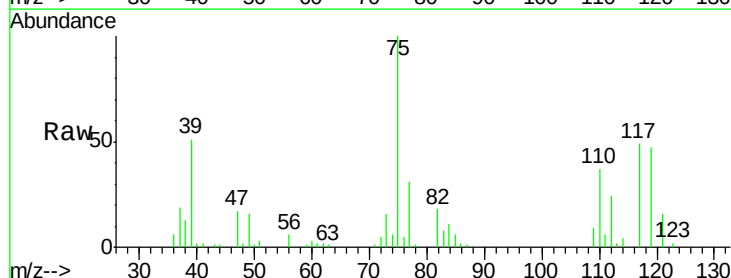
Manual Integrations
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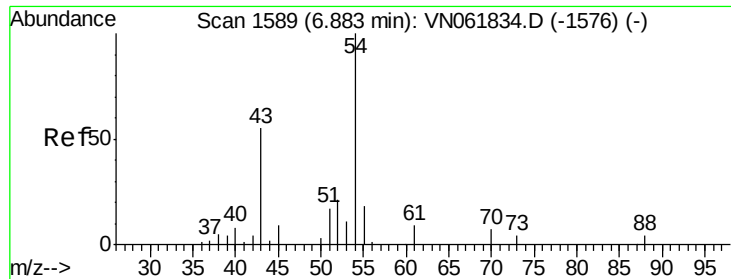
MMDadoda
 6/18/2020 9:38:12 AM



#36
 1,1-Dichloropropene
 Concen: 18.190 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.2	54.6
77	31.2	24.2	36.4





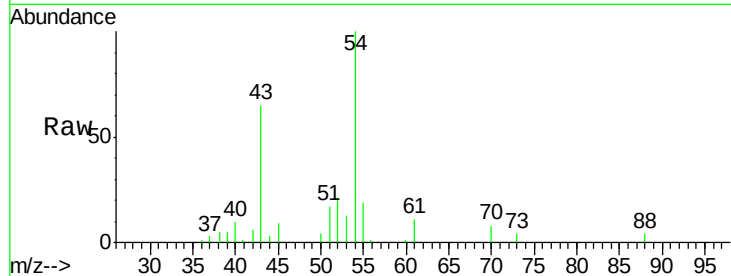
#37
Ethyl Acetate
Concen: 20.044 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

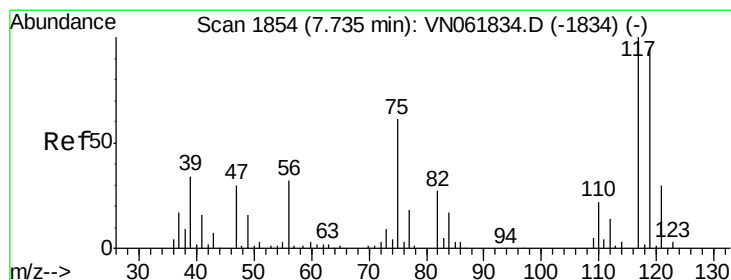
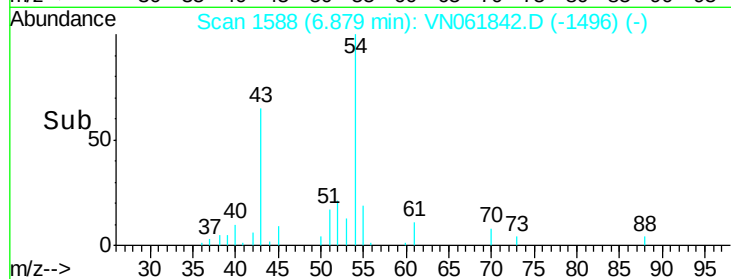
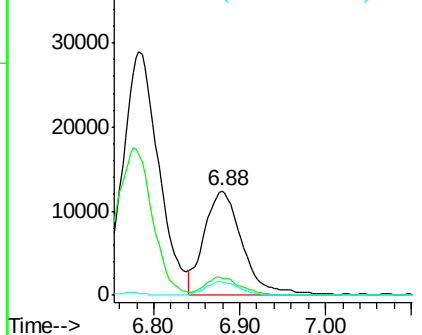
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.0	19.4
70	11.4	9.4	14.2

Manual Integrations
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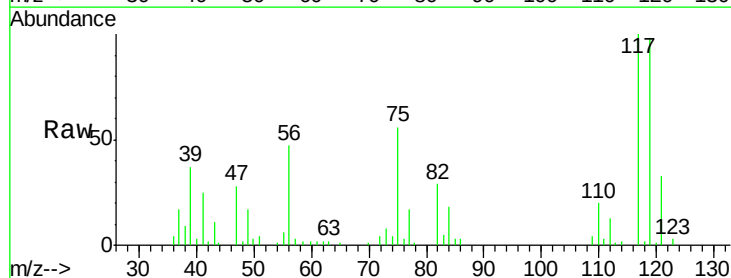


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)
Ion 60.90 (60.60 to 61.60): VN061834.D (-1576) (-)
Ion 70.00 (69.70 to 70.70): VN061834.D (-1576) (-)

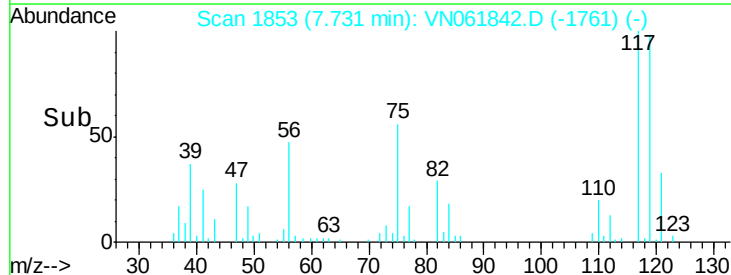
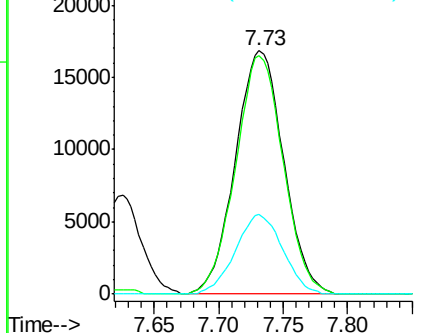


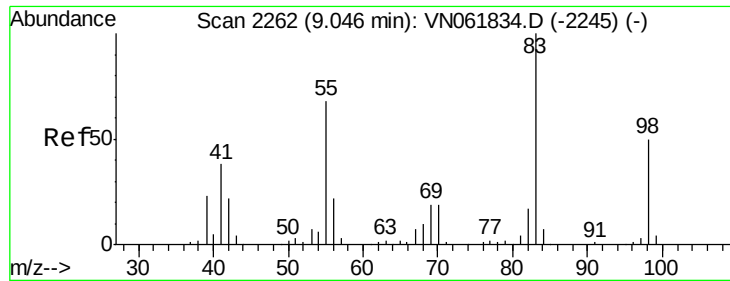
#38
Carbon Tetrachloride
Concen: 17.952 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.6
121	32.6	23.8	35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)
Ion 118.80 (118.50 to 119.50): VN061834.D (-1834) (-)
Ion 120.80 (120.50 to 121.50): VN061834.D (-1834) (-)





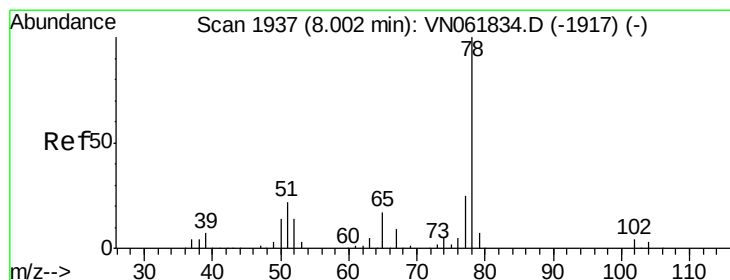
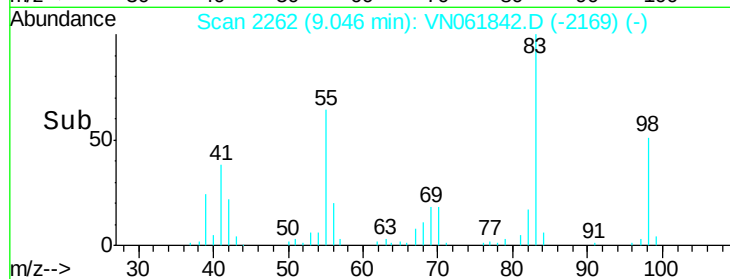
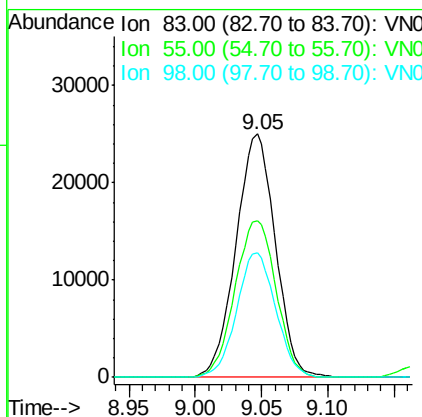
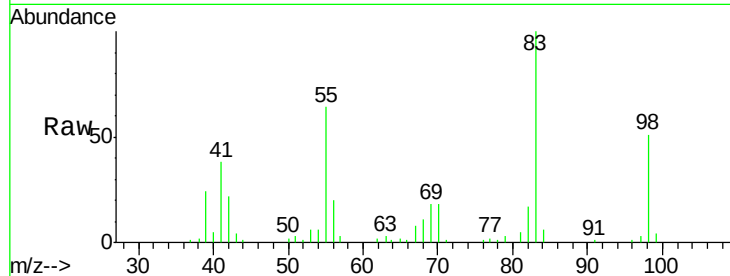
#39
Methylvlcyclohexane
Concen: 19.434 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.3	54.2	81.4
98	51.2	39.8	59.6

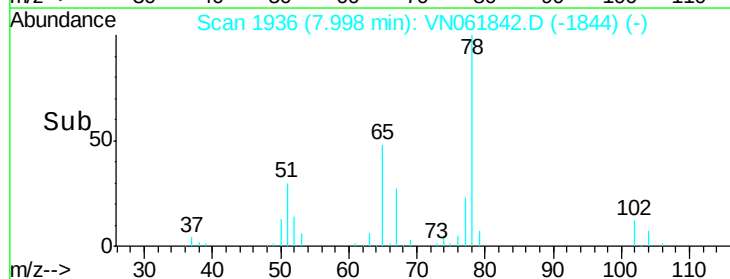
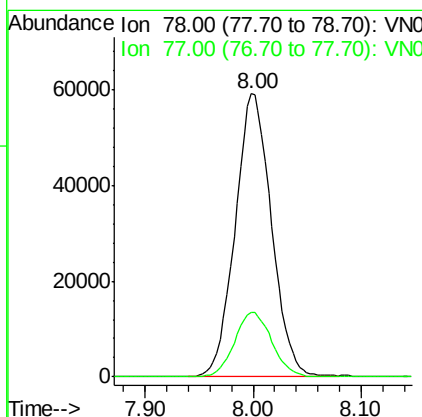
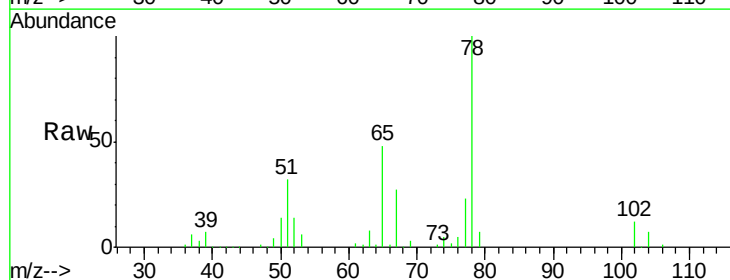
Manual Integrations
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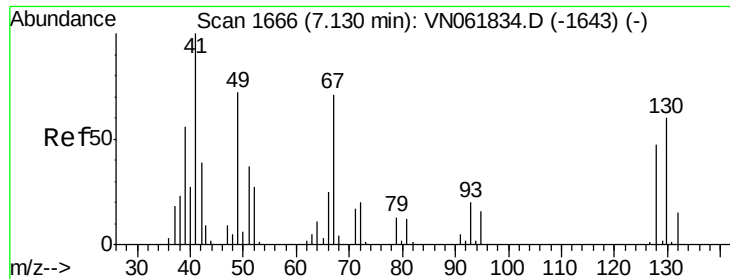
MMDadoda
6/18/2020 9:38:12 AM



#40
Benzene
Concen: 18.516 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.7	29.5





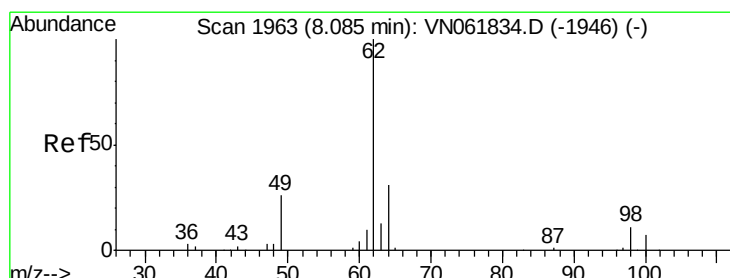
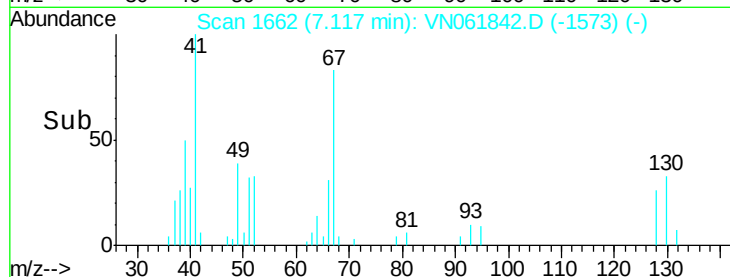
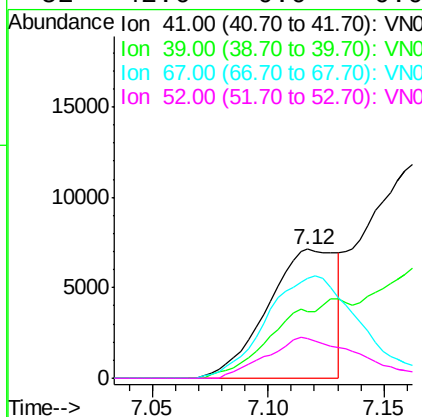
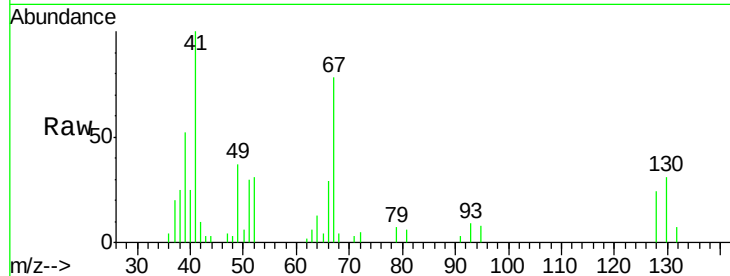
#41
Methacrylonitrile
Concen: 17.925 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
VN0617WBSD01

Tot Ion	41	Resp	14795
Ion Ratio	Lower	Upper	
41	100		
39	66.7	0.0	0.0#
67	107.9	0.0	0.0#
52	42.6	0.0	0.0#

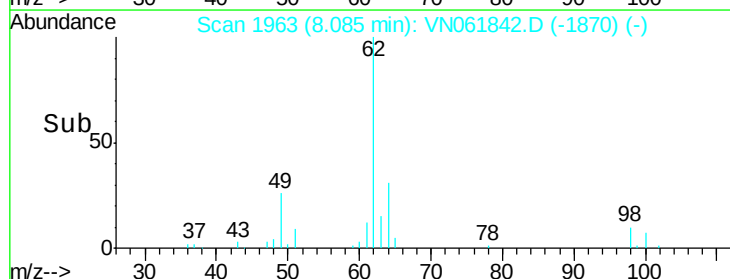
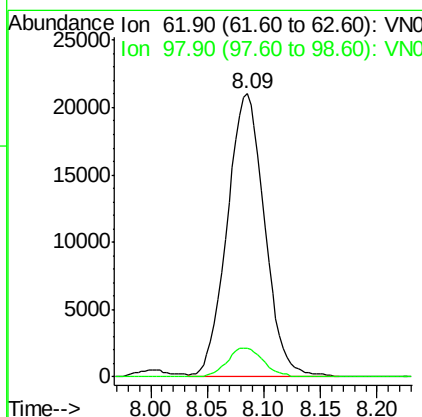
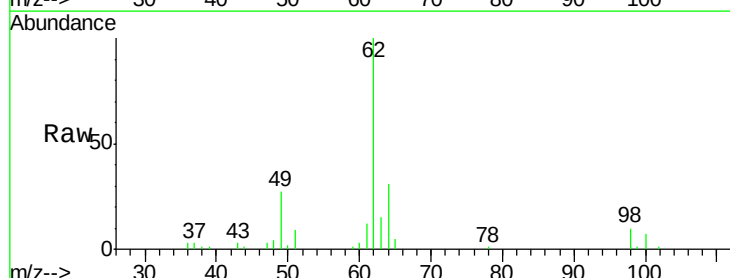
Manual Integrations
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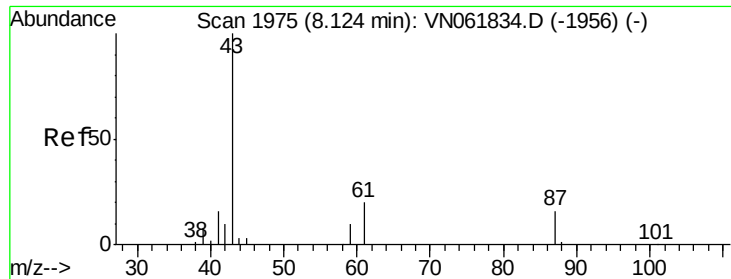
MMDadoda
6/18/2020 9:38:12 AM



#42
1,2-Dichloroethane
Concen: 19.009 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	62	Resp	48531
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.4





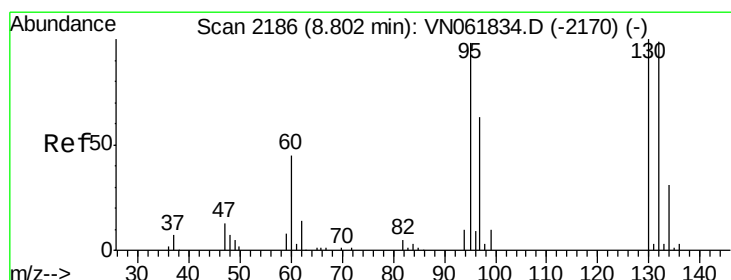
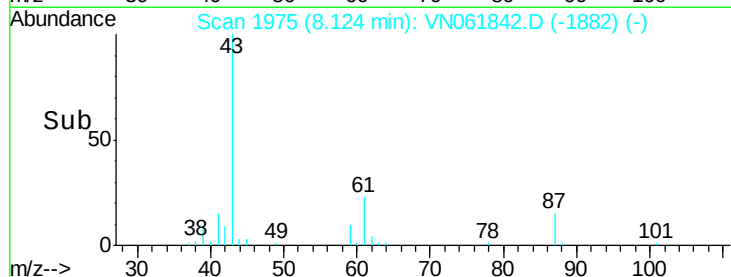
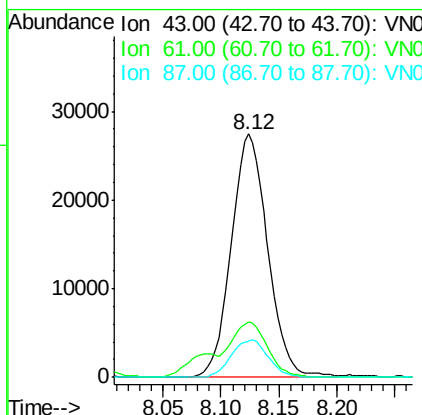
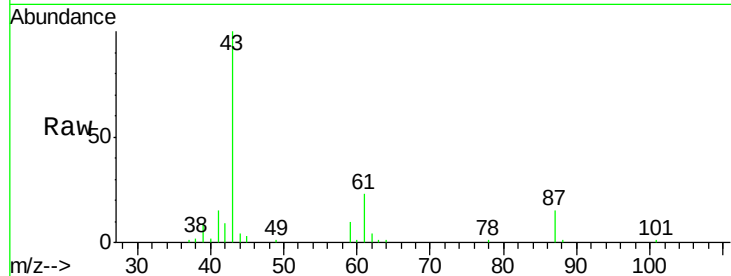
#43
Isopropyl Acetate
Concen: 18.386 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	43	61	87
Resp	59810		
Ratio	100	22.9	15.4
Lower		24.0	12.5
Upper		36.0	18.7

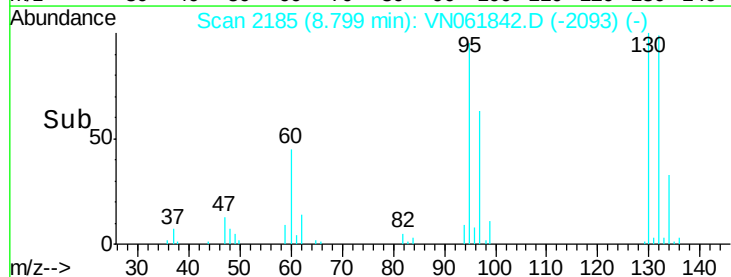
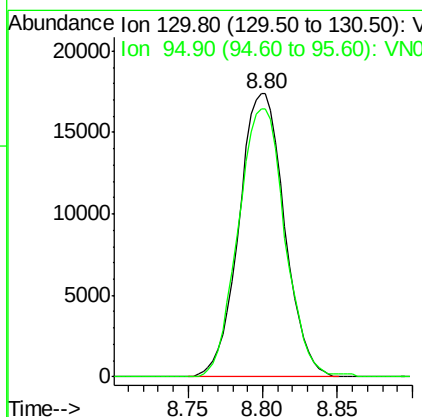
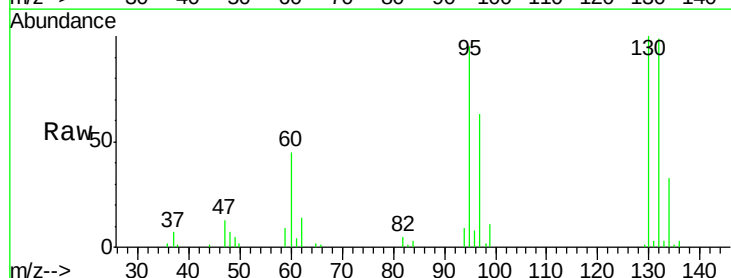
Manual Integrations
APPROVED

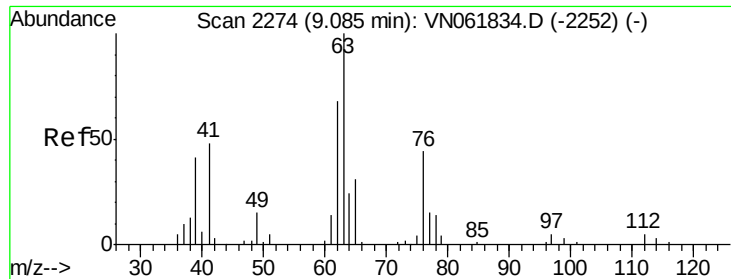
MMDadoda
6/18/2020 9:38:12 AM



#44
Trichloroethene
Concen: 18.655 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	130	95
Resp	36762	
Ratio	100	94.8
Lower		0.0
Upper		195.6





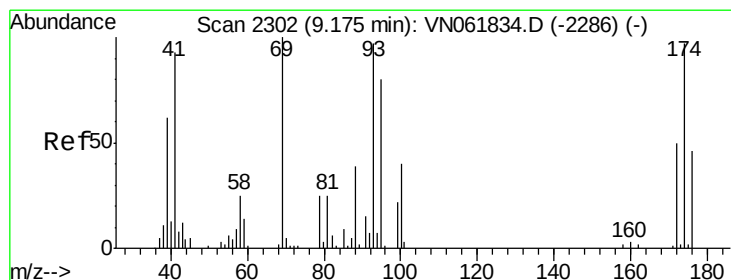
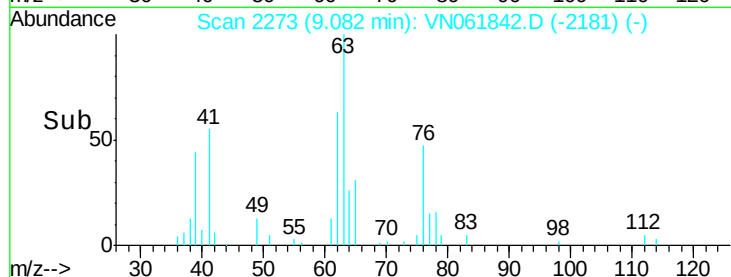
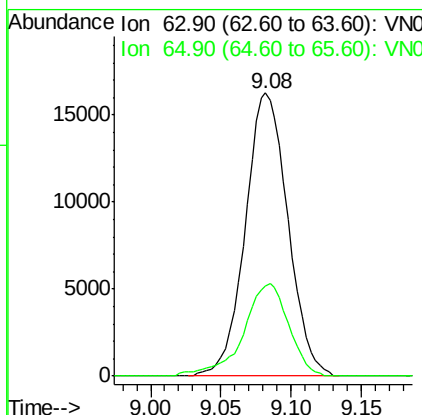
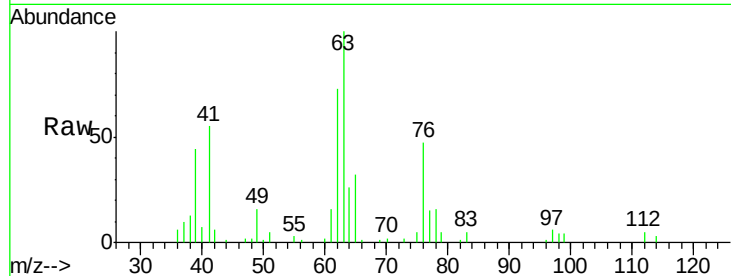
#45
 1,2-Dichloropropane
 Concen: 18.641 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.1	37.7

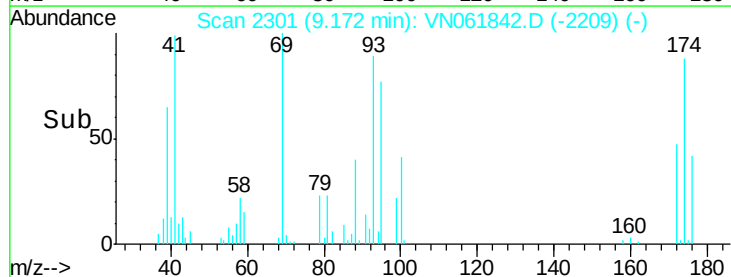
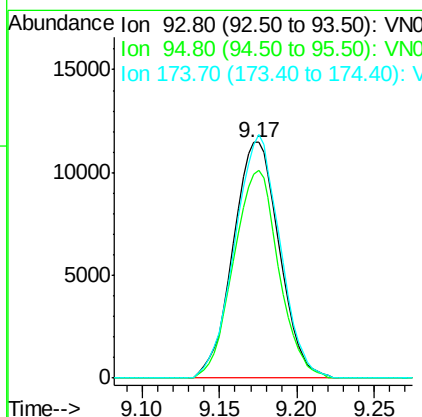
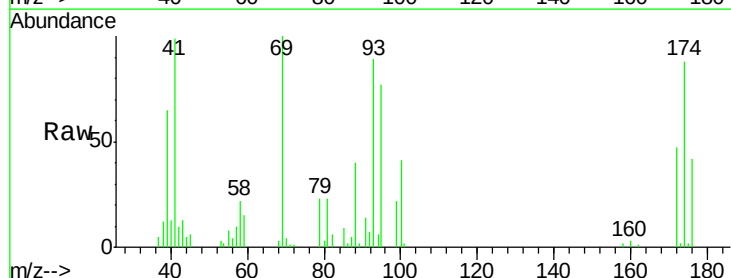
Manual Integrations
 APPROVED

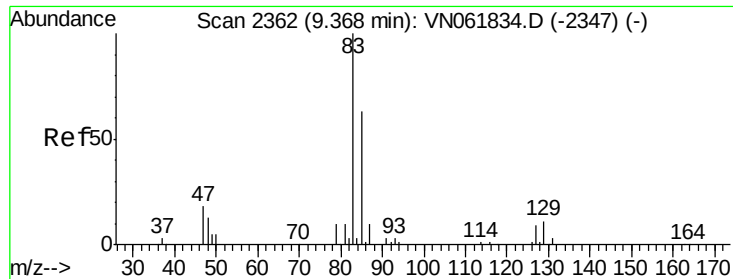
MMDadoda
 6/18/2020 9:38:12 AM



#46
 Dibromomethane
 Concen: 18.382 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.0	65.8	98.6
174	100.8	78.5	117.7





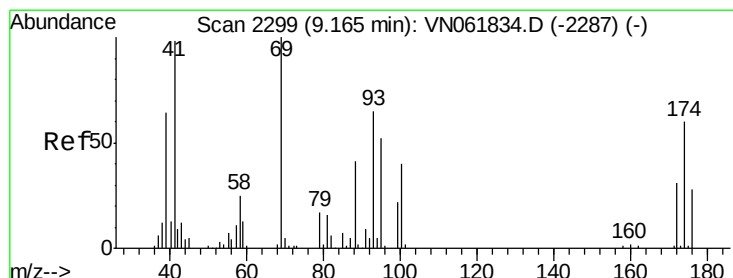
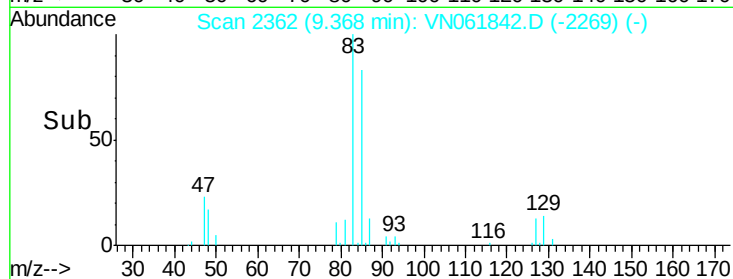
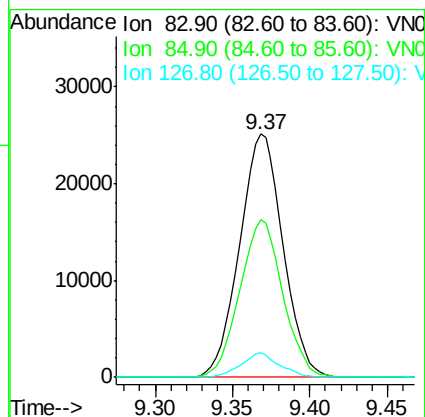
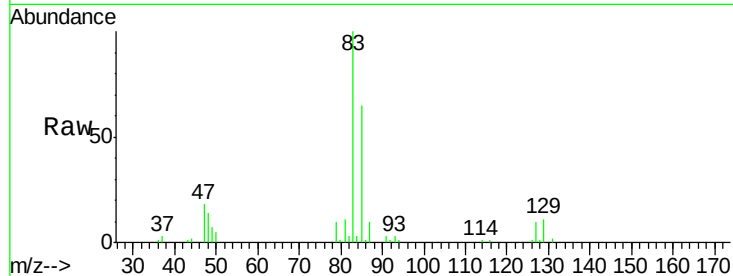
#47
Bromodichloromethane
Concen: 18.455 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	83	Resp	48967
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.8	76.2
127	10.0	7.0	10.4

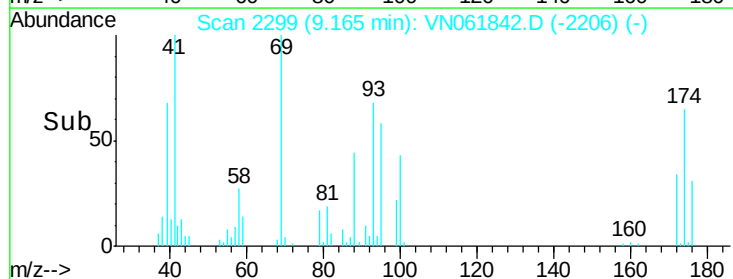
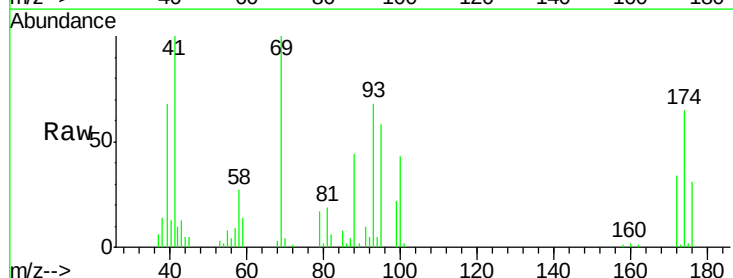
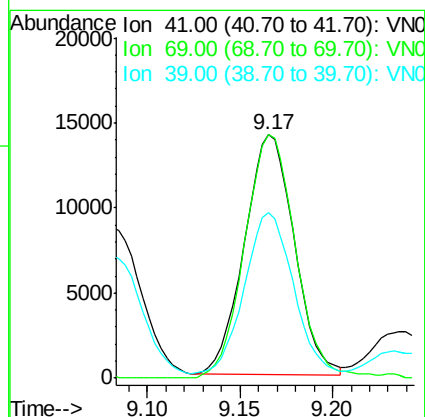
Manual Integrations
APPROVED

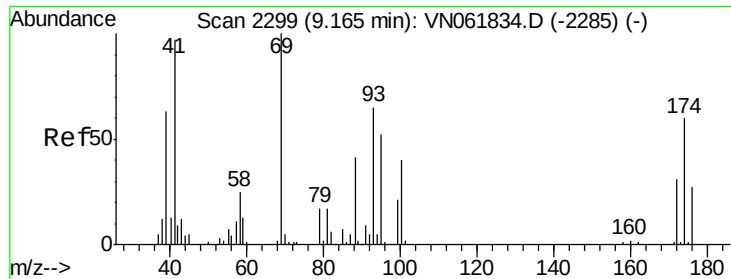
MMDadoda
6/18/2020 9:38:12 AM



#48
Methyl methacrylate
Concen: 17.774 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	41	Resp	26293
Ion Ratio	100	Lower	Upper
41	100		
69	103.5	83.0	124.4
39	70.4	55.1	82.7





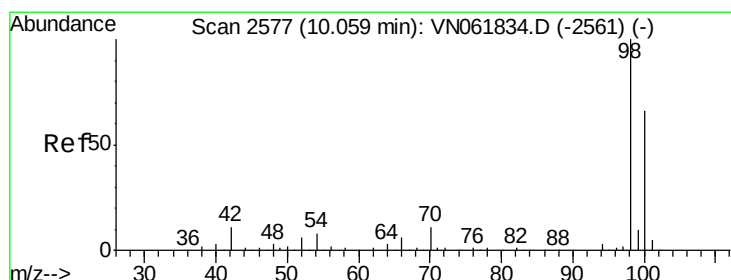
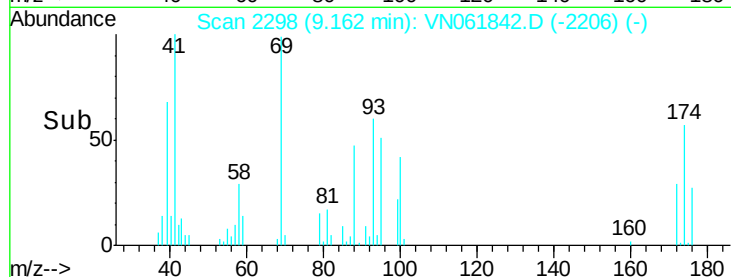
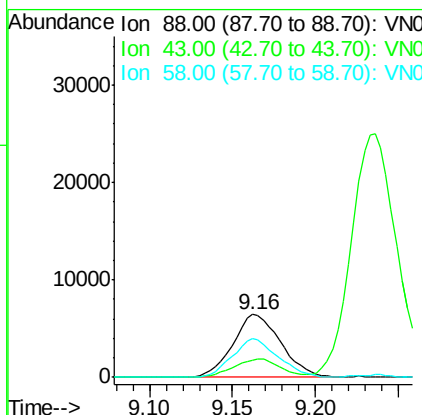
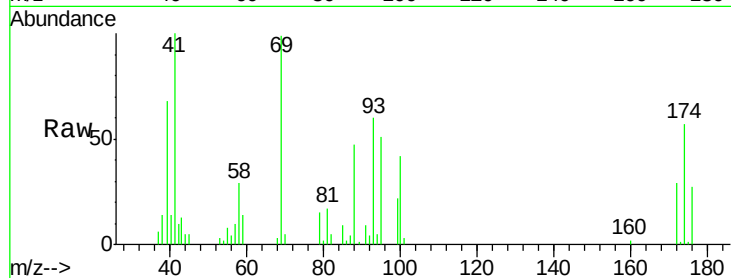
#49
1,4-Dioxane
Concen: 383.502 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	88	Resp	13025
Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.4	35.2
58	58.3	49.8	74.6

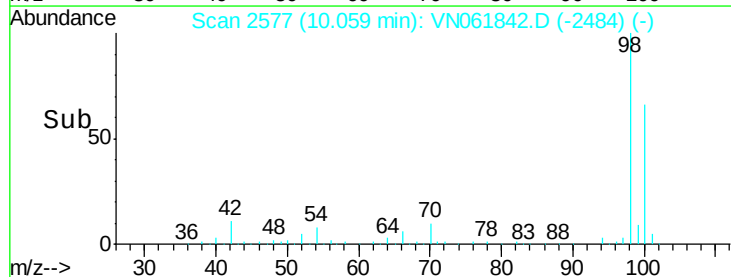
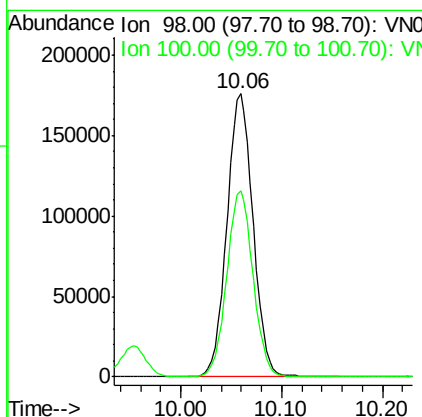
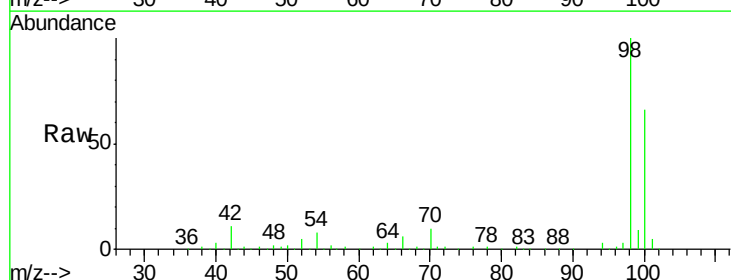
Manual Integrations
APPROVED

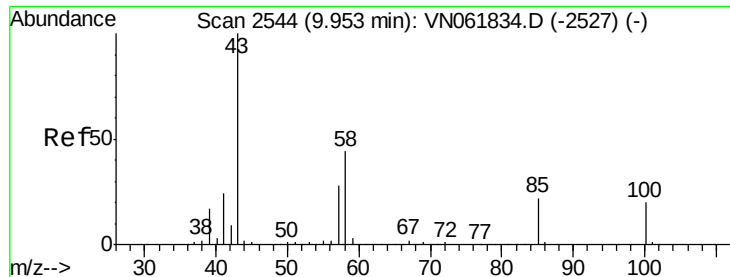
MMDadoda
6/18/2020 9:38:12 AM



#50
Toluene-d8
Concen: 46.737 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	98	Resp	318558
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 92.937 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion: 43 Resp: 178650

Ion Ratio Lower Upper

43 100

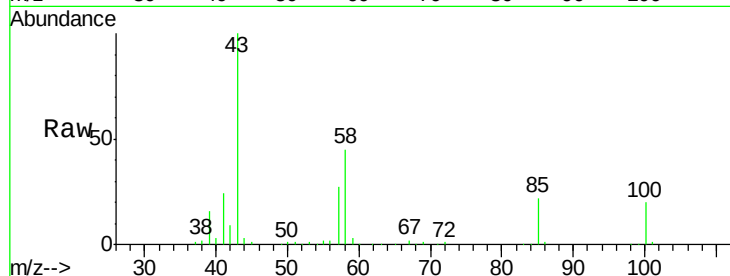
58 43.4 34.6 52.0

Manual Integrations

APPROVED

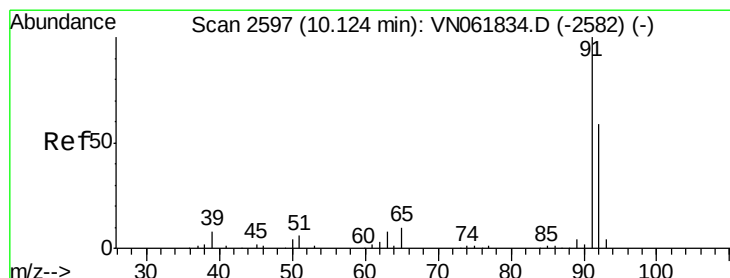
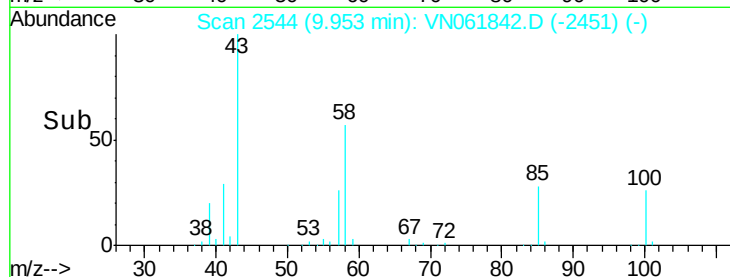
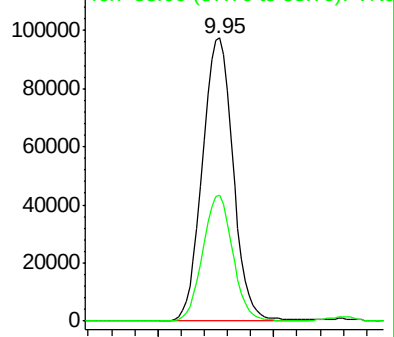
MMDadoda

6/18/2020 9:38:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.587 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061842.D

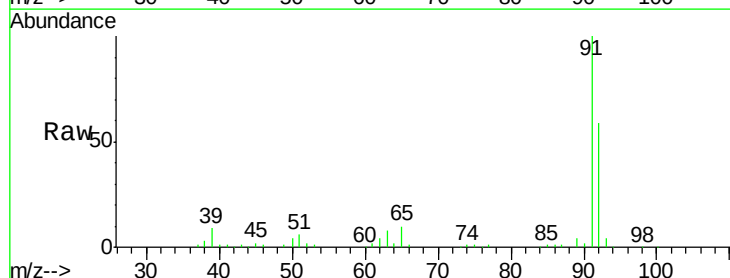
Acq: 17 Jun 2020 12:40

Tgt Ion: 92 Resp: 87407

Ion Ratio Lower Upper

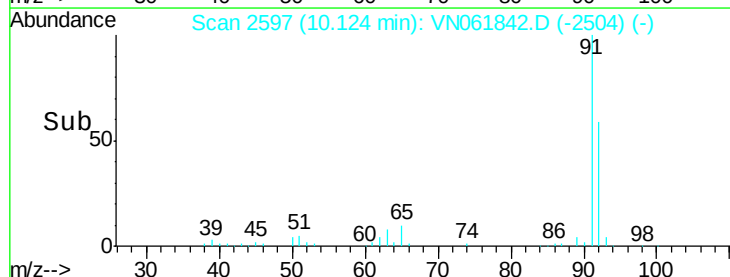
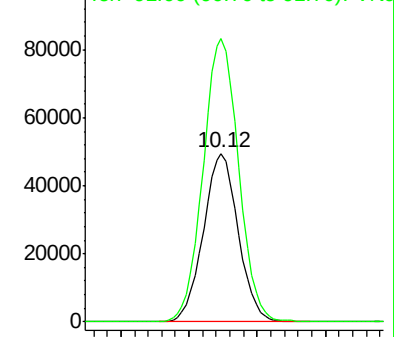
92 100

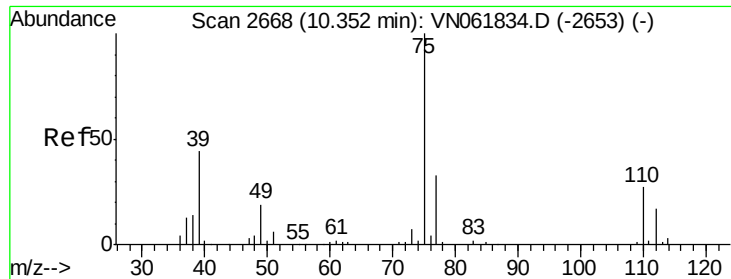
91 172.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





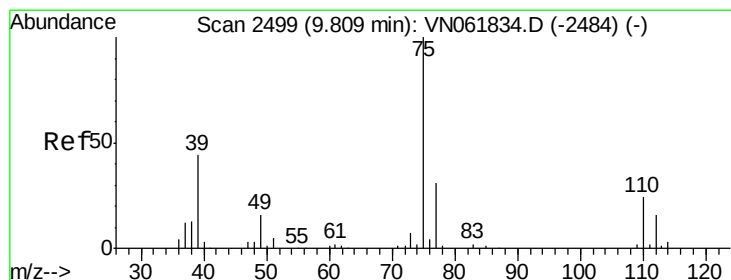
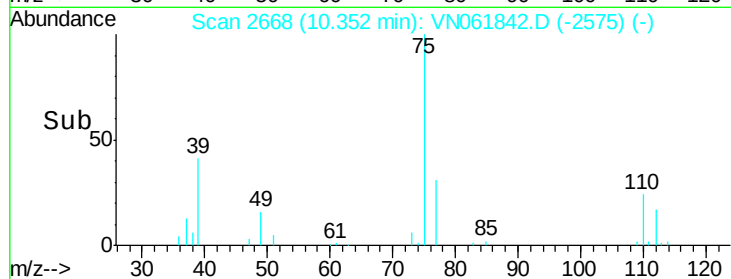
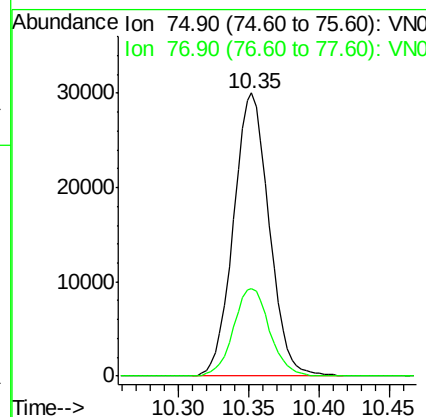
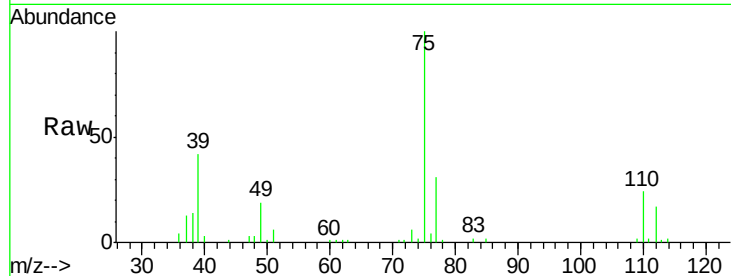
#53
t-1,3-Dichloropropene
Concen: 18.838 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.3	39.5

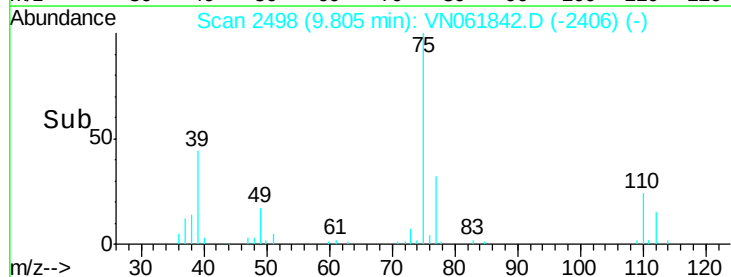
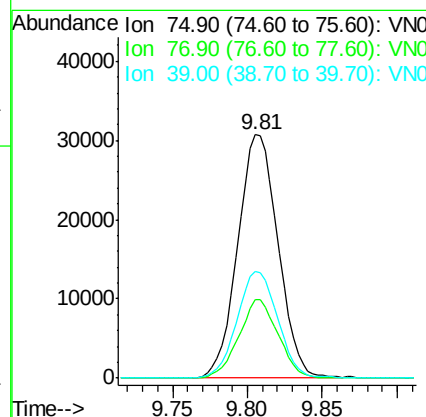
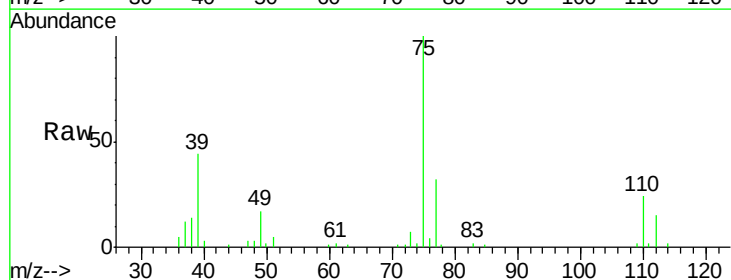
Manual Integrations
APPROVED

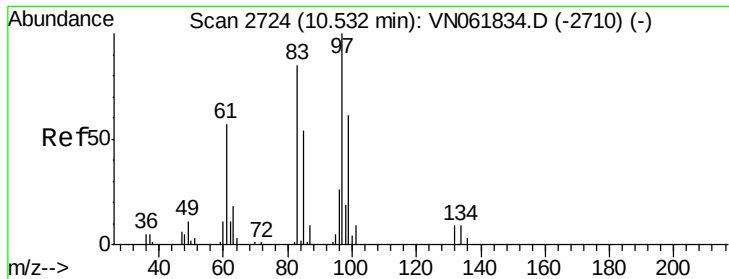
MMDadoda
6/18/2020 9:38:12 AM



#54
cis-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	43.8	35.4	53.0





#55

1,1,2-Trichloroethane

Concen: 19.398 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

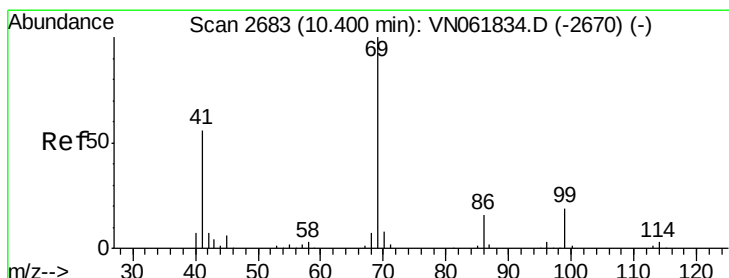
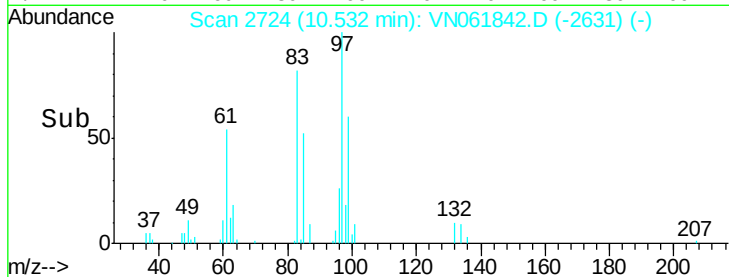
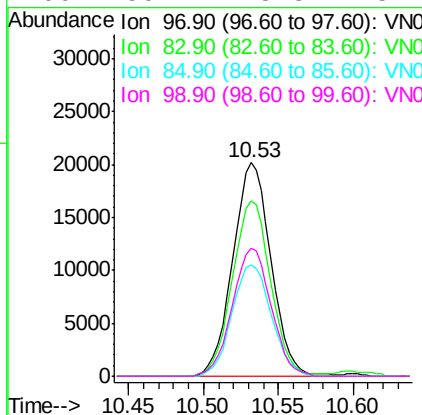
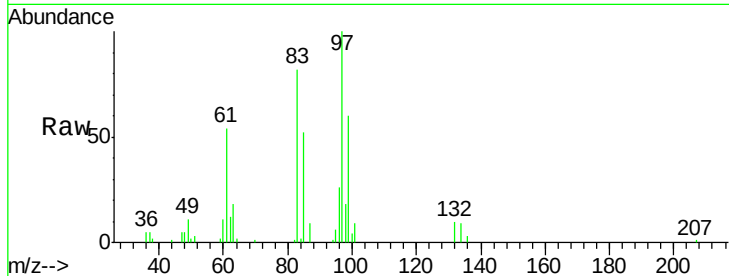
ClientSampleId :

VN0617WBSD01

Tot Ion:	97	Resp:	35890
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.7	101.5
85	52.2	43.4	65.0
99	59.7	48.8	73.2

Manual Integrations
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MMDadoda
6/18/2020 9:38:12 AM



#56

Ethyl methacrylate

Concen: 18.168 ug/l

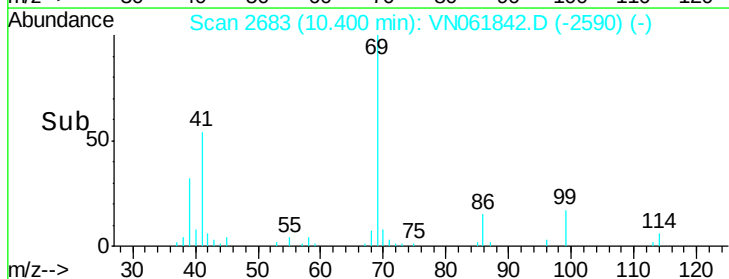
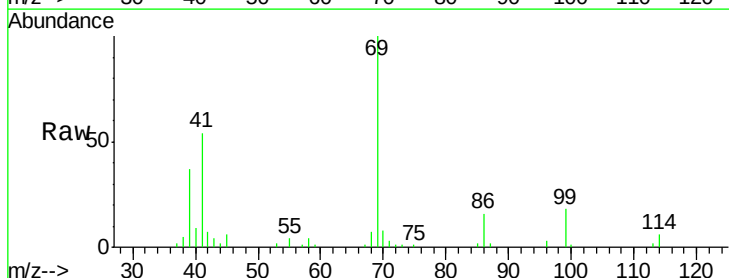
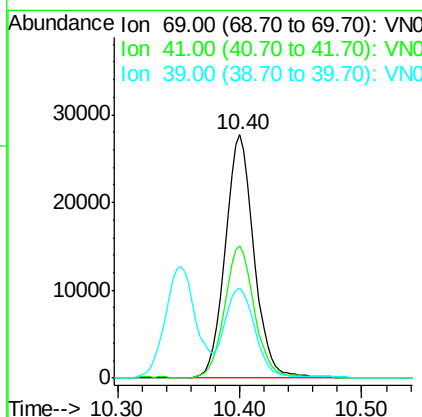
RT: 10.40 min Scan# 2683

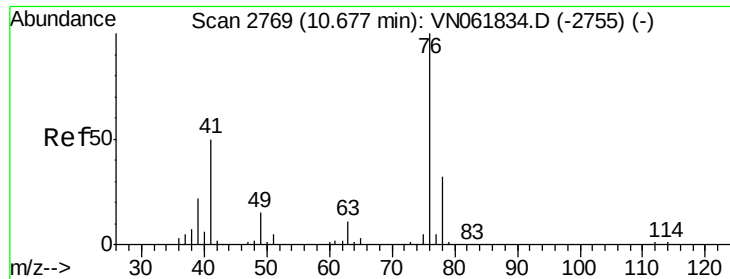
Delta R.T. 0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	69	Resp:	45800
Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.9	67.3
39	37.9	30.0	45.0





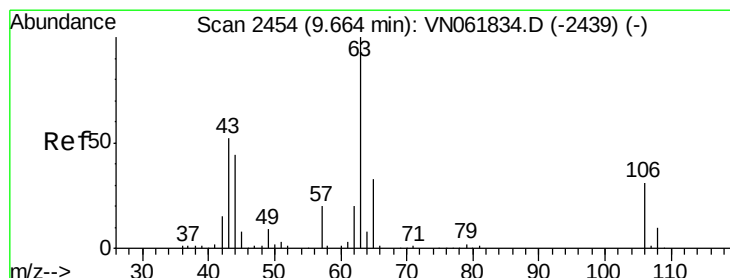
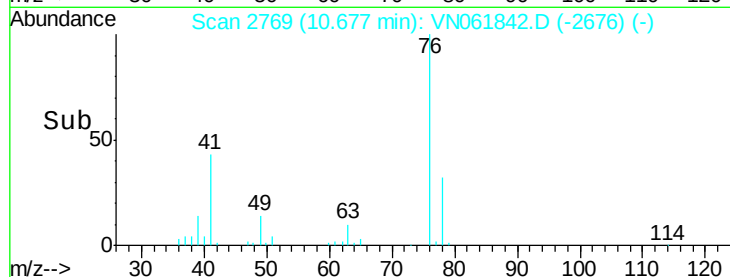
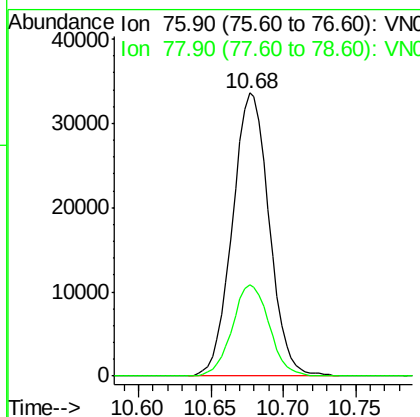
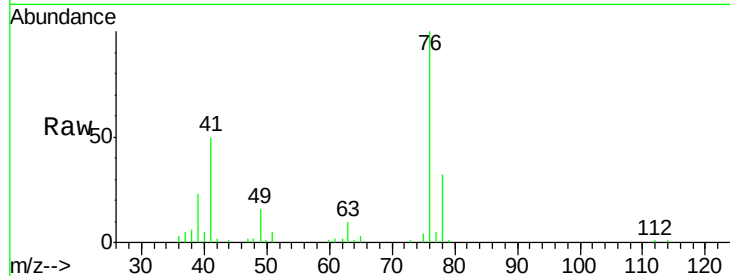
#57
 1,3-Dichloropropane
 Concen: 18.874 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

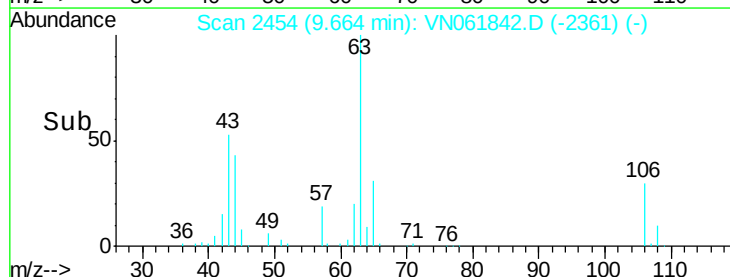
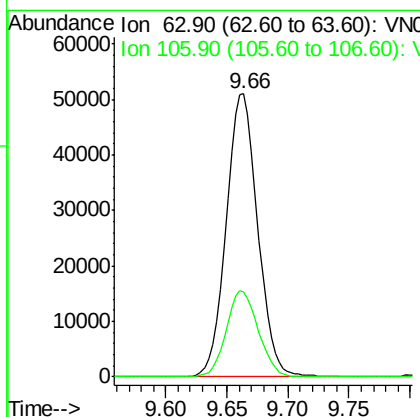
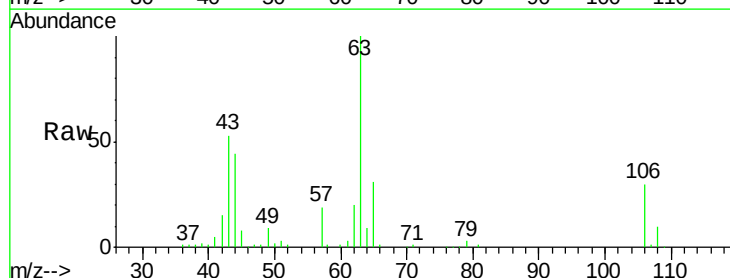
Manual Integrations
 APPROVED

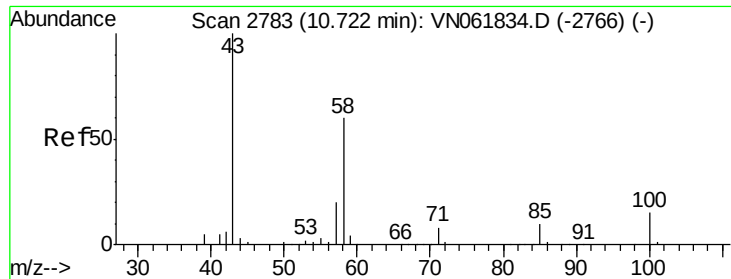
MMDadoda
 6/18/2020 9:38:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.219 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.6	36.8





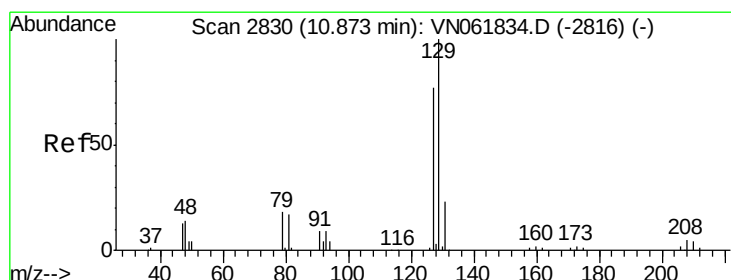
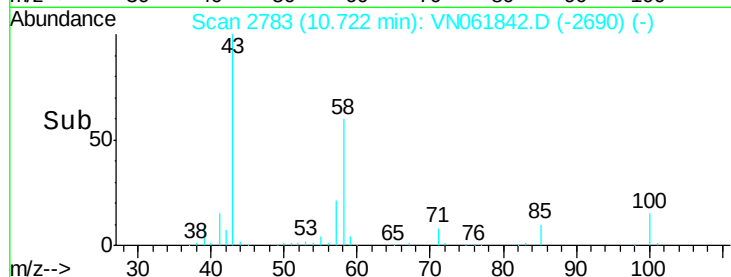
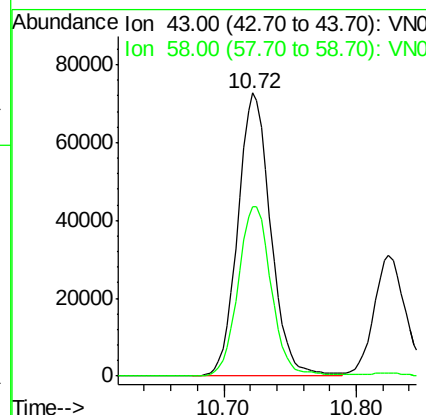
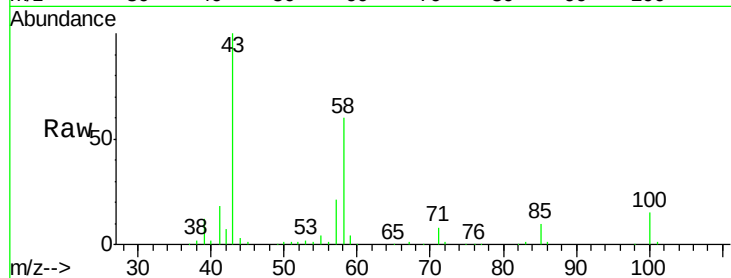
#59
2-Hexanone
Concen: 90.699 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	43	58	Ratio	Lower	Upper
125425	100	60.5		30.1	90.5

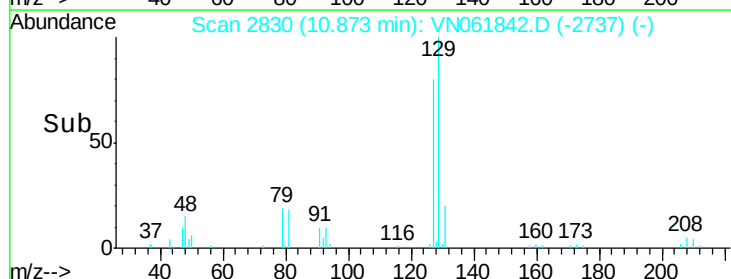
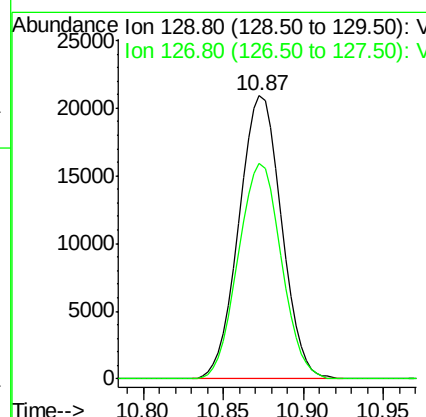
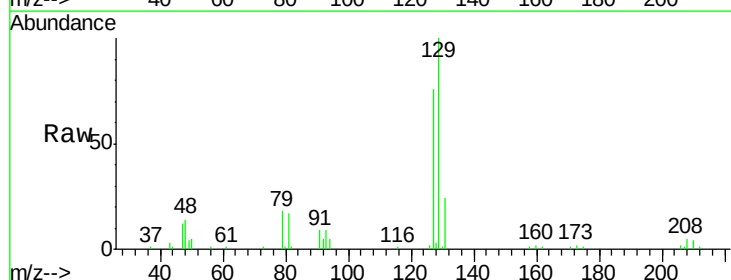
Manual Integrations
APPROVED

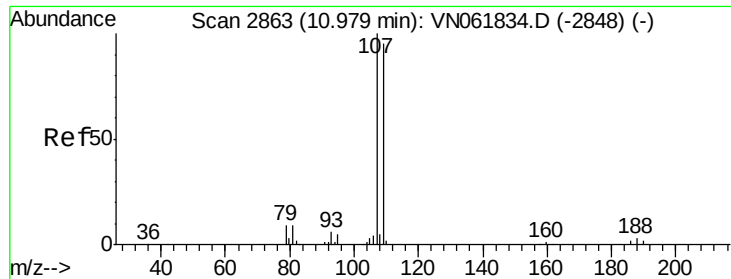
MMDadoda
6/18/2020 9:38:12 AM



#60
Dibromochloromethane
Concen: 18.386 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	129	127	Ratio	Lower	Upper
37958	100	77.2		38.5	115.5





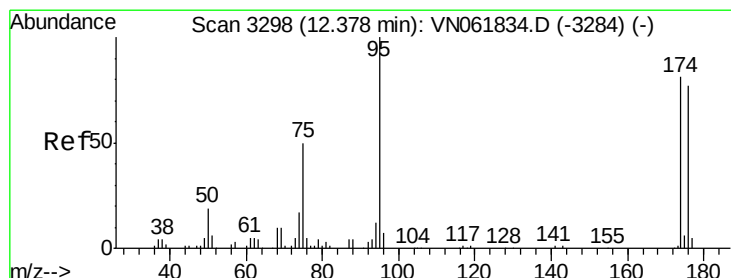
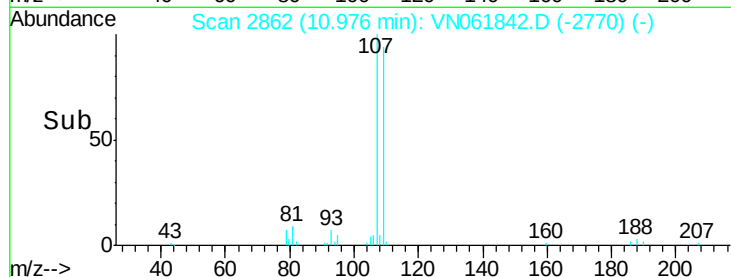
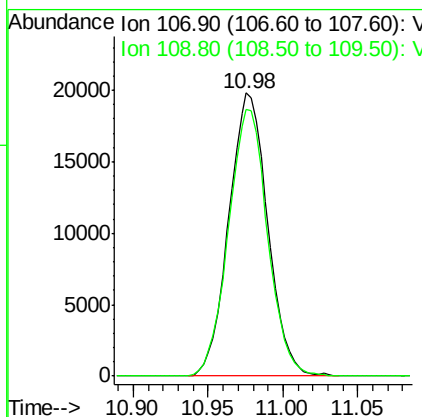
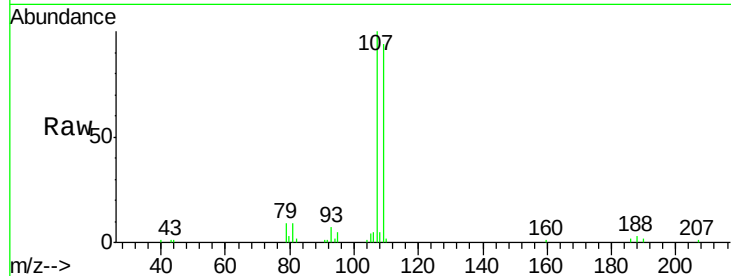
#61
 1,2-Dibromoethane
 Concen: 18.545 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.6

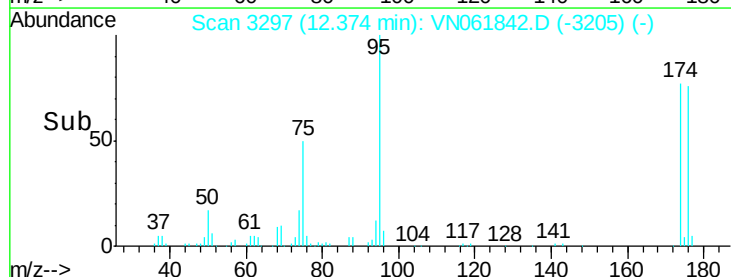
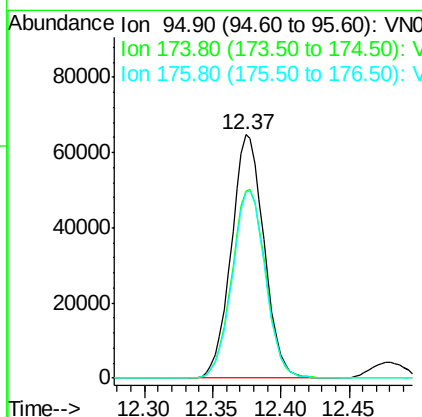
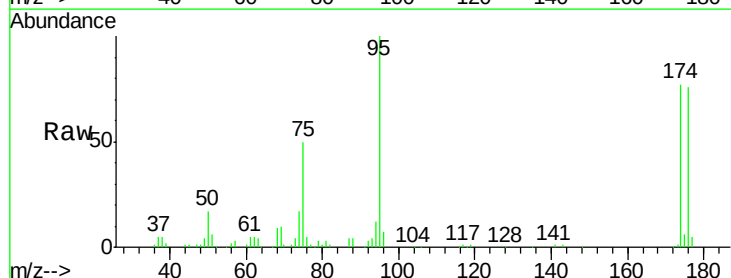
Manual Integrations
 APPROVED

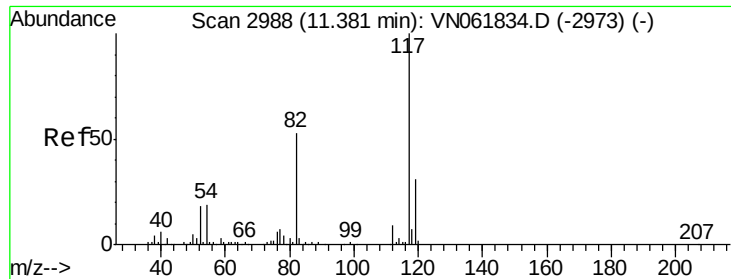
MMDadoda
 6/18/2020 9:38:12 AM



#62
 4-Bromofluorobenzene
 Concen: 46.019 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	158.6
176	77.9	0.0	152.0





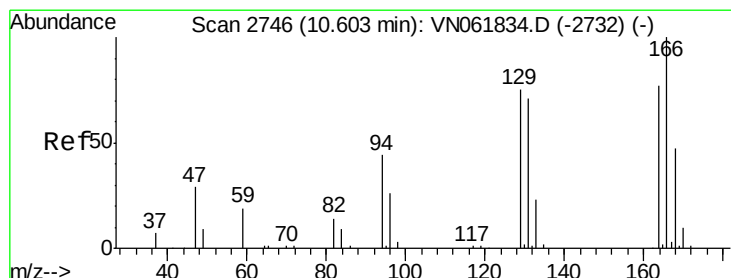
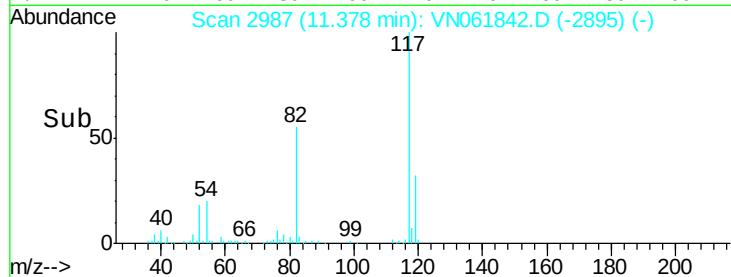
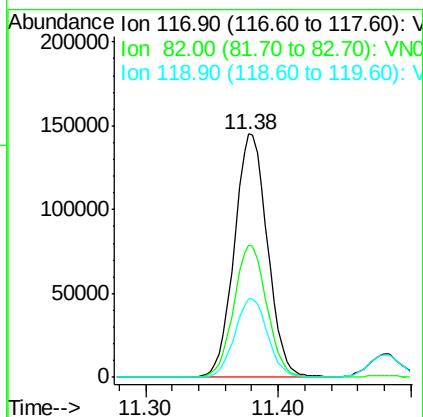
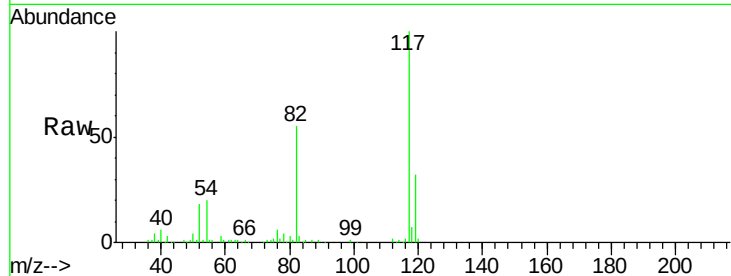
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251489		
82	54.5	42.6	64.0	
119	32.3	24.7	37.1	

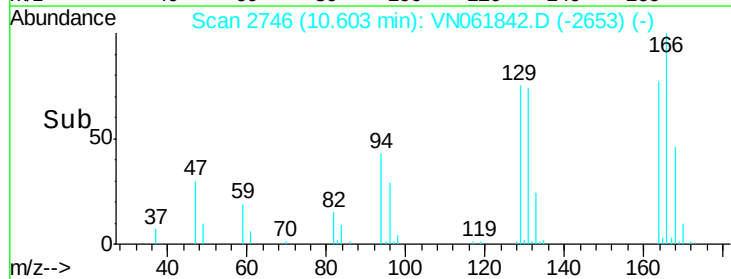
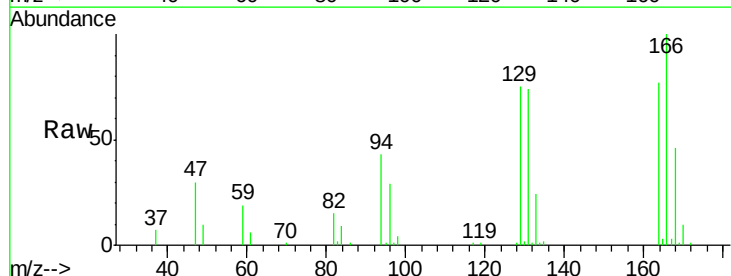
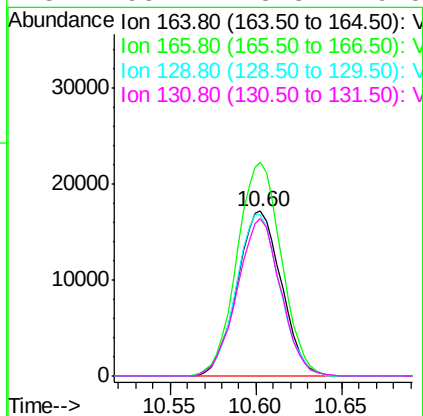
Manual Integrations
APPROVED

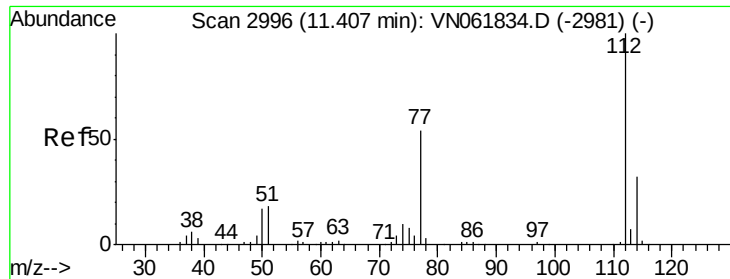
MMDadoda
6/18/2020 9:38:12 AM



#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	30839		
166	129.4	103.5	155.3	
129	97.6	77.5	116.3	
131	95.4	73.8	110.8	





#65

Chlorobenzene

Concen: 17.969 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion:112 Resp: 95353

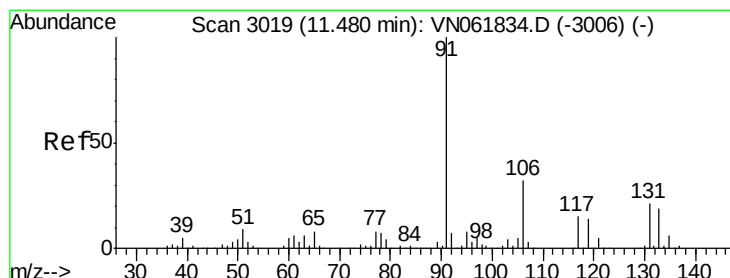
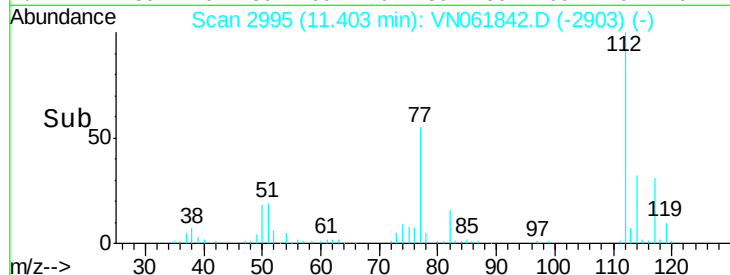
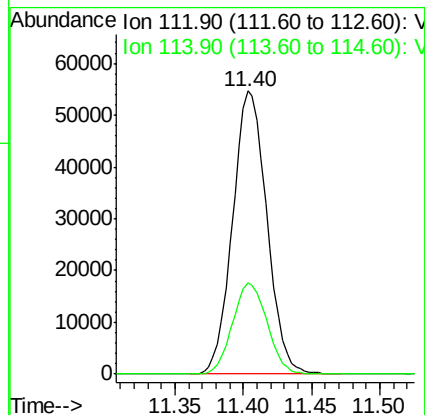
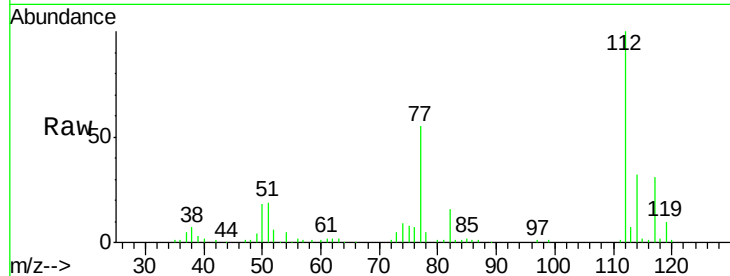
Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.571 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

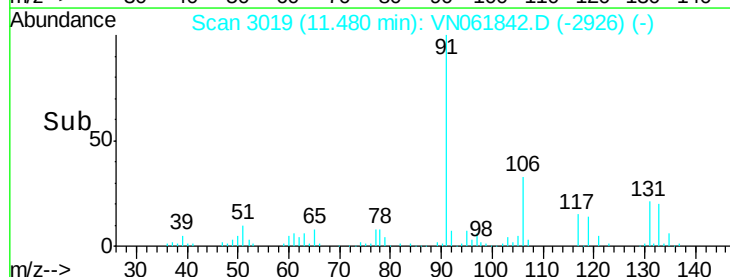
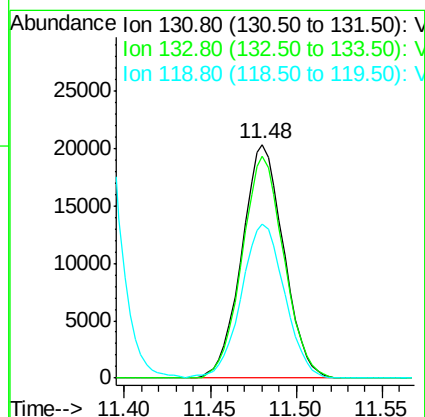
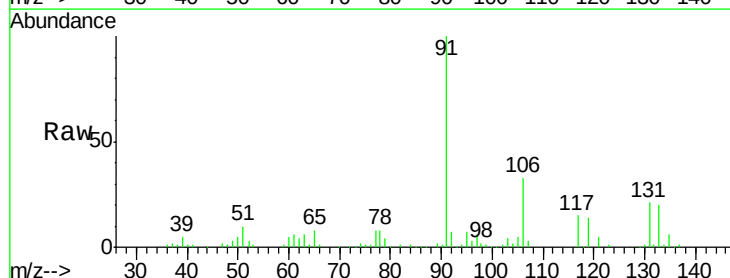
Tgt Ion:131 Resp: 34370

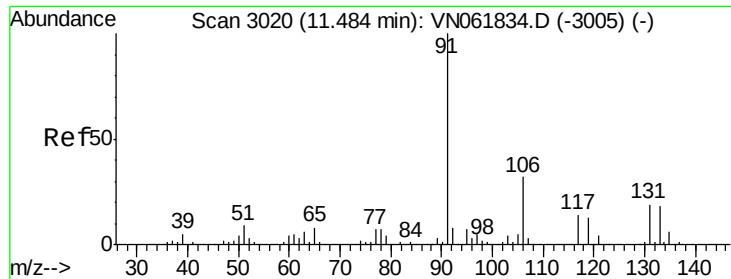
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.5

119 68.1 34.0 101.8





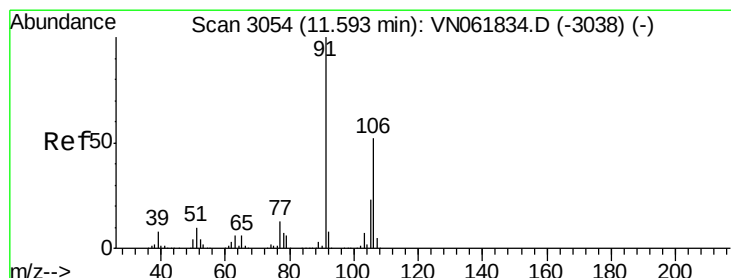
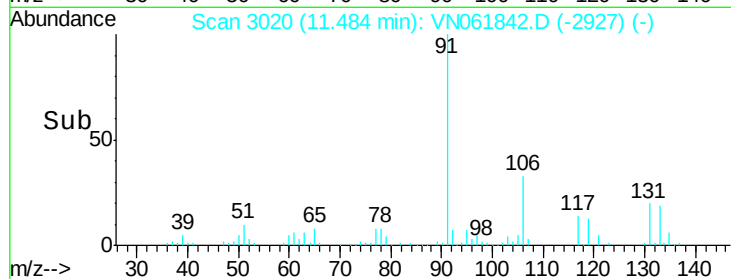
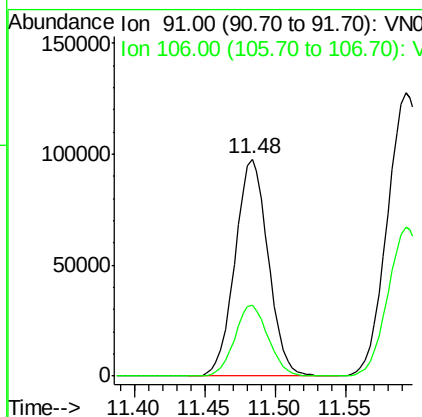
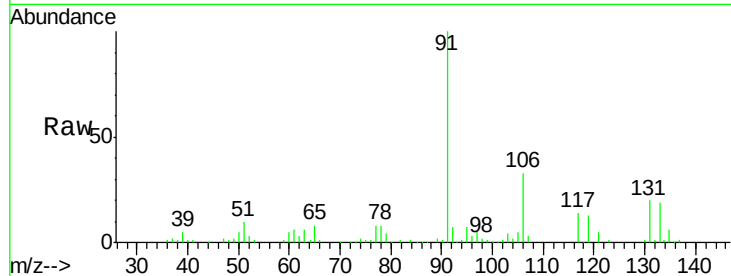
#67
Ethyl Benzene
Concen: 18.151 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion: 91 Resp: 161491
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2

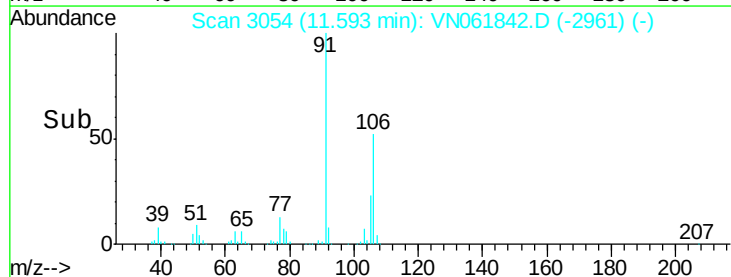
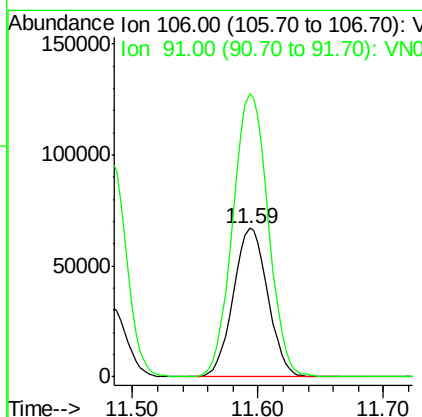
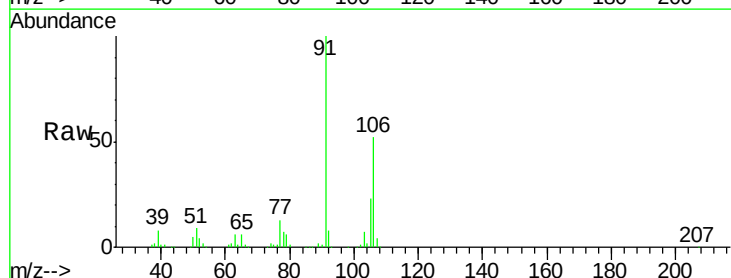
Manual Integrations
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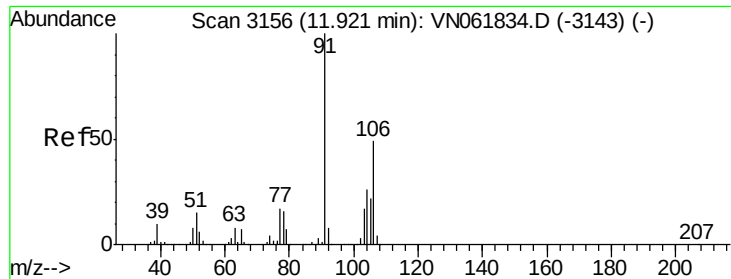
MMDadoda
6/18/2020 9:38:12 AM



#68
m/p-Xylenes
Concen: 37.366 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion: 106 Resp: 128196
Ion Ratio Lower Upper
106 100
91 194.6 157.0 235.6





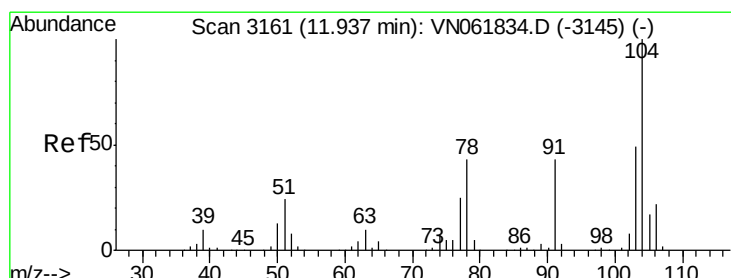
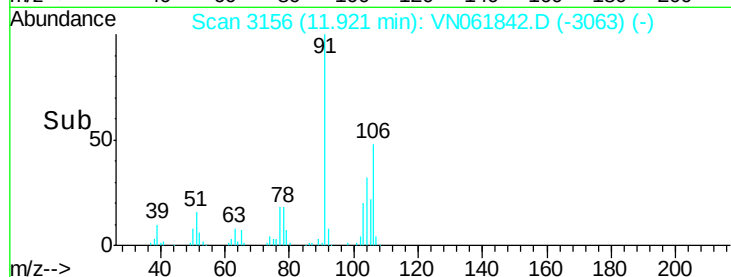
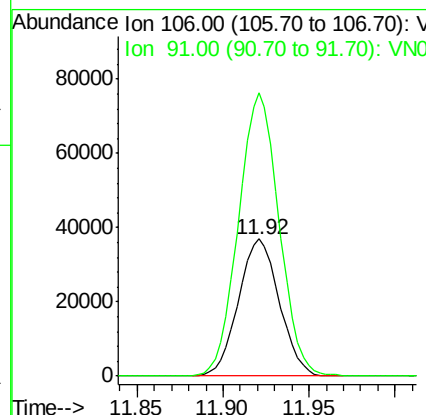
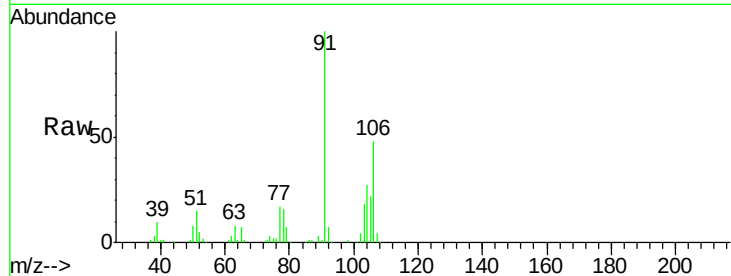
#69
o-Xylene
Concen: 18.586 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.8	103.0	308.9	

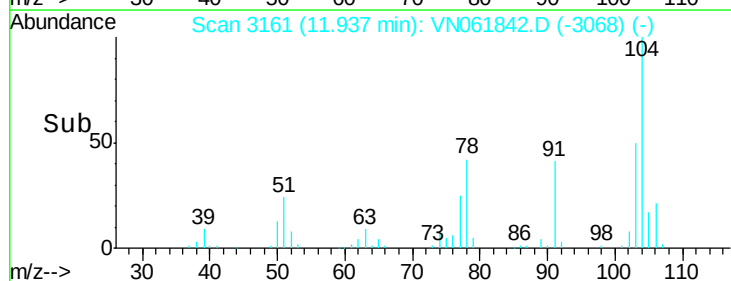
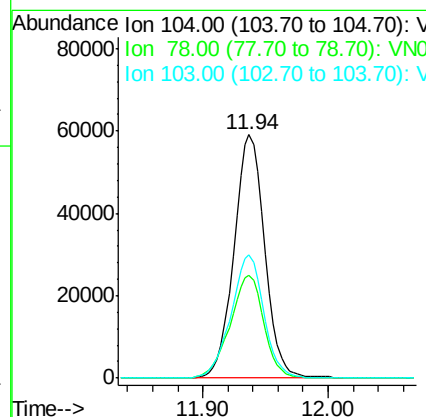
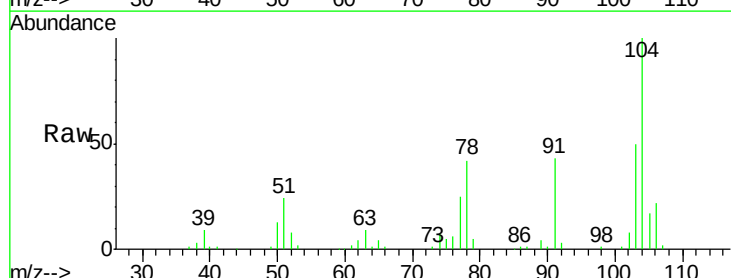
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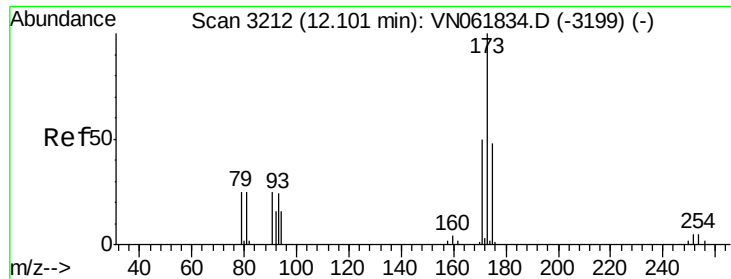
MMDadoda
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#70
Styrene
Concen: 18.281 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.4	37.6	56.4	
103	54.0	43.0	64.4	





#71

Bromoform

Concen: 18.054 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

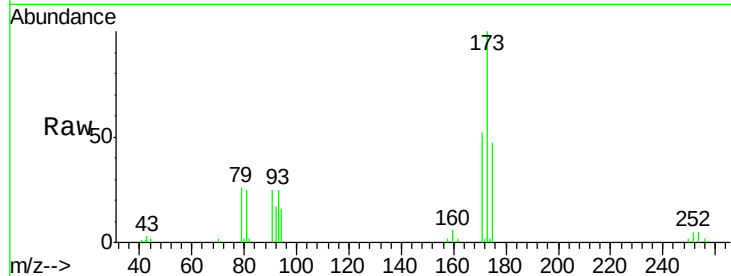
ClientSampleId :

VN0617WBSD01

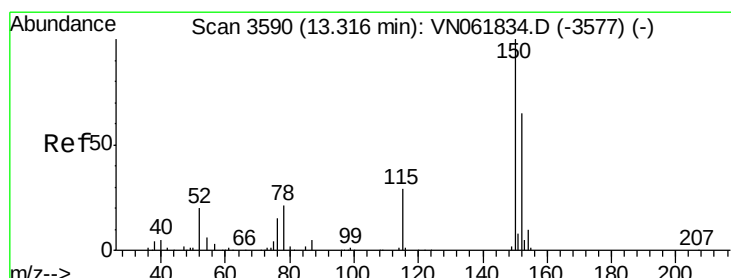
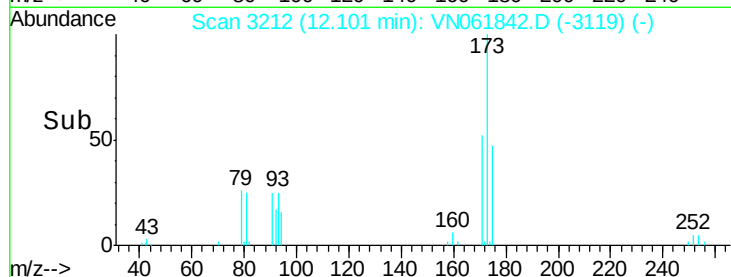
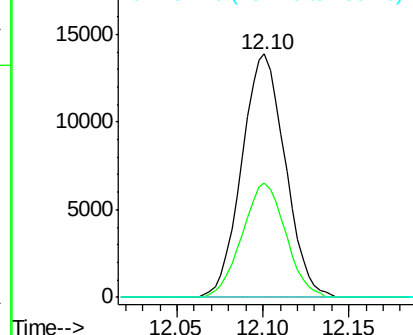
Tot Ion:	173	Resp:	24363
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.9	71.7
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

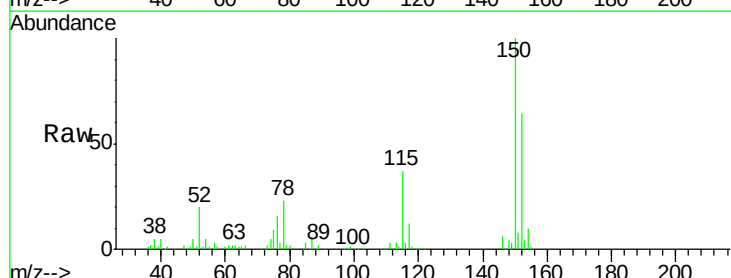
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

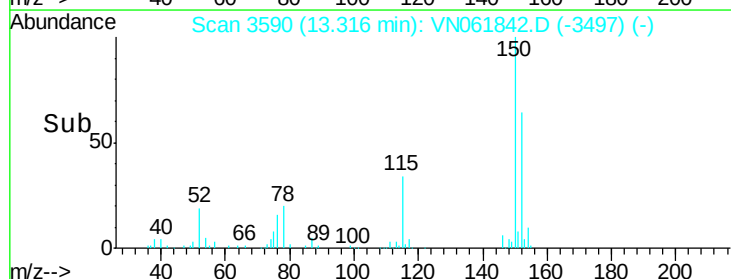
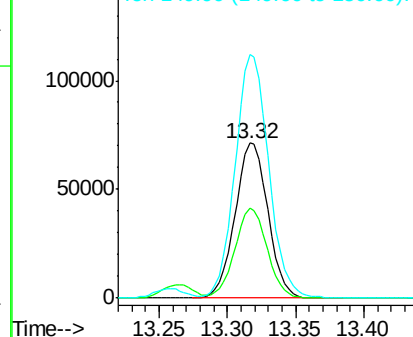
Lab File: VN061842.D

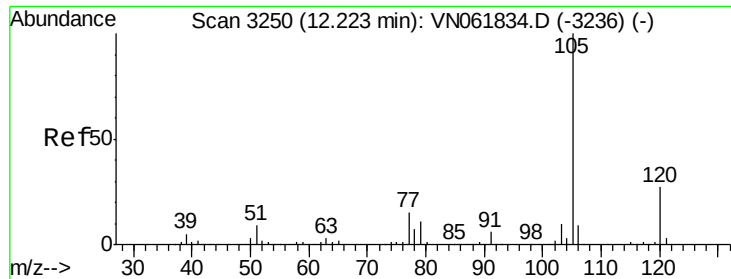
Acq: 17 Jun 2020 12:40

Tgt Ion:	152	Resp:	118752
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.1	87.3
150	160.6	0.0	347.6



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





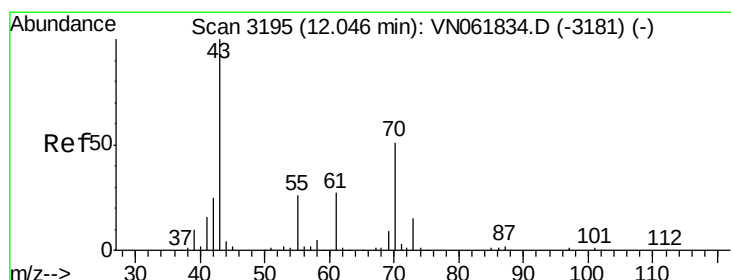
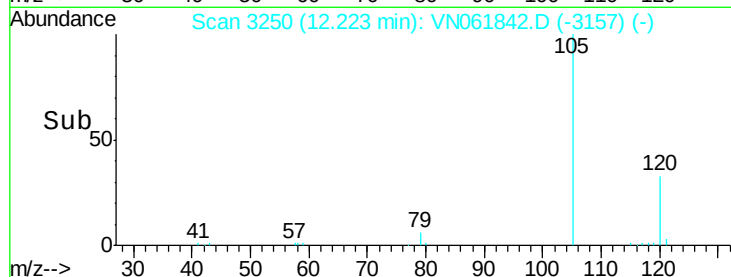
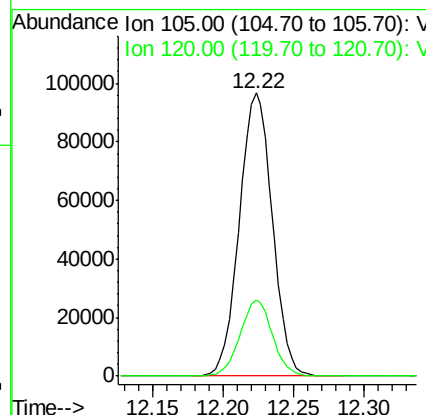
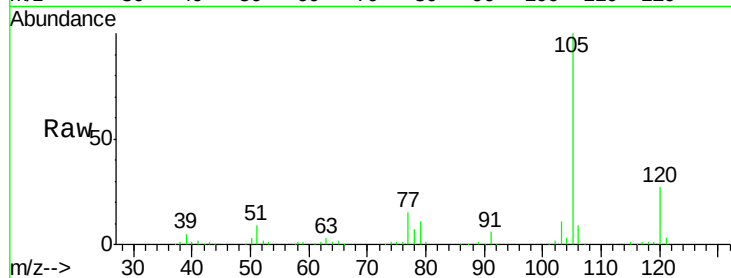
#73
Isopropylbenzene
Concen: 18.770 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.8

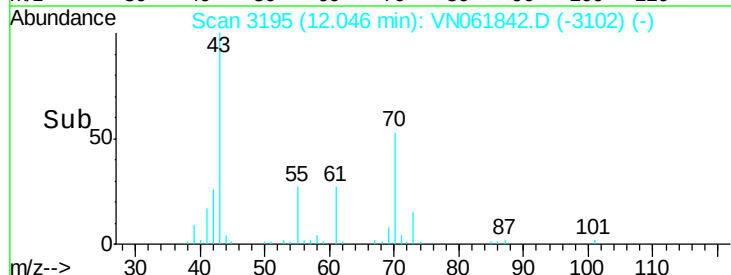
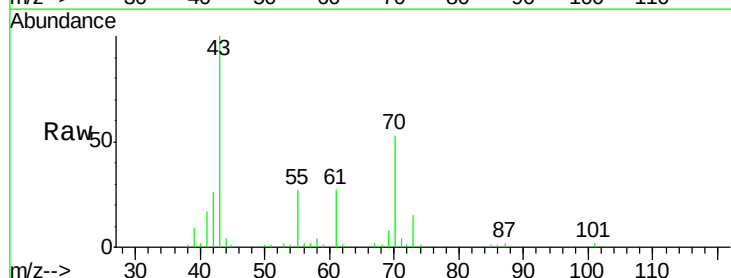
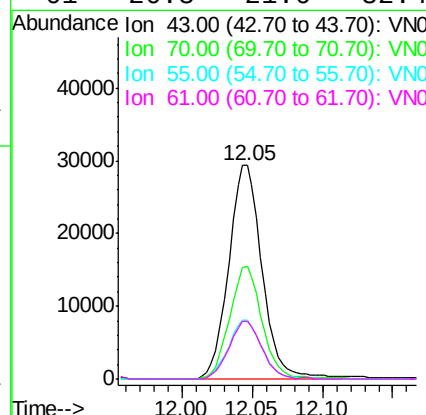
Manual Integrations
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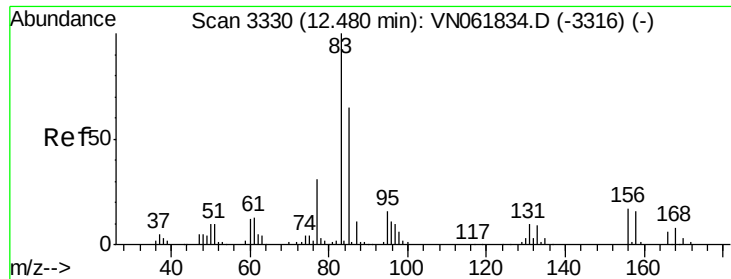
MMDadoda
6/18/2020 9:38:12 AM



#74
N-ethyl acetate
Concen: 17.988 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.4	40.6	60.8
55	27.7	21.5	32.3
61	26.3	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.080 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

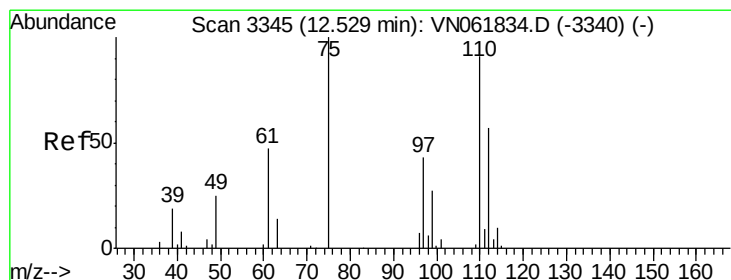
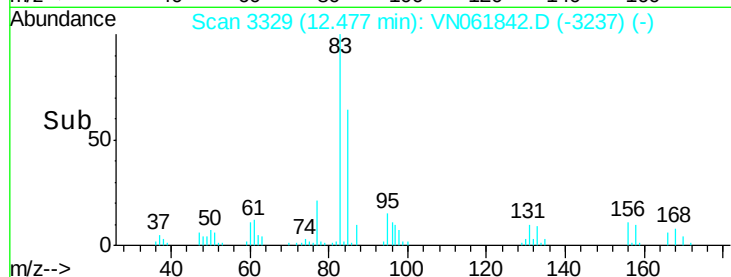
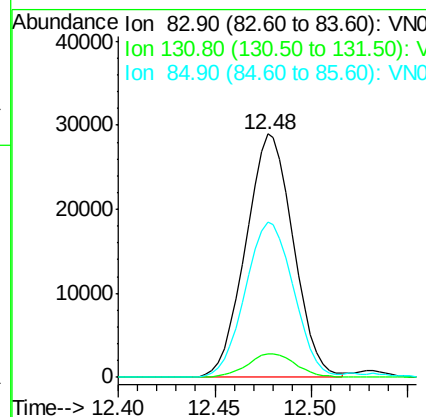
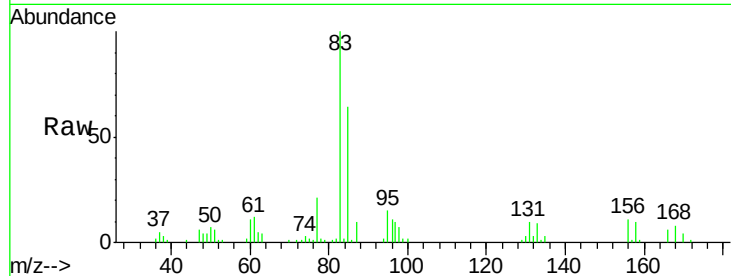
ClientSampleId :

VN0617WBSD01

Tot Ion:	83	Resp:	49605
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.470 ug/l m

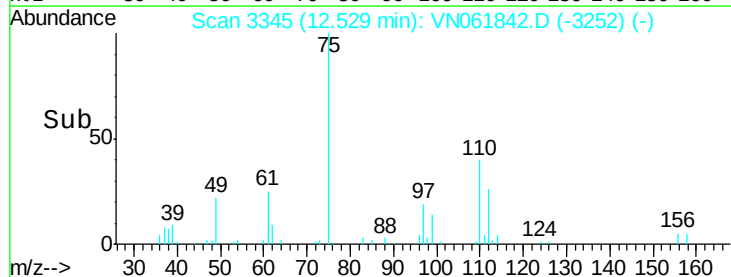
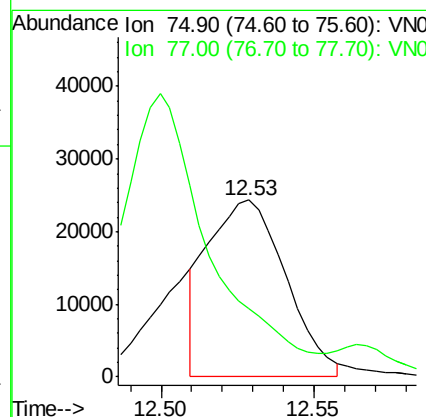
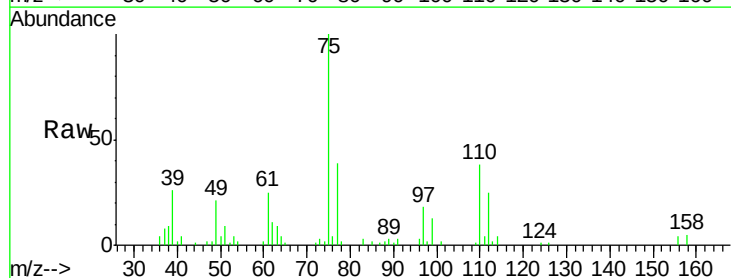
RT: 12.53 min Scan# 3345

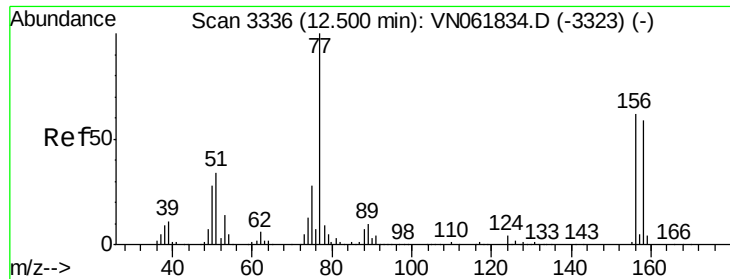
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	75	Resp:	43060
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.754 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

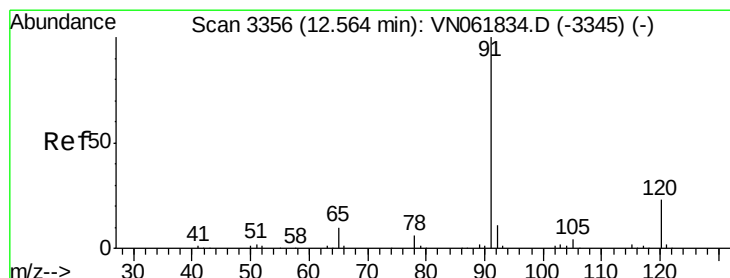
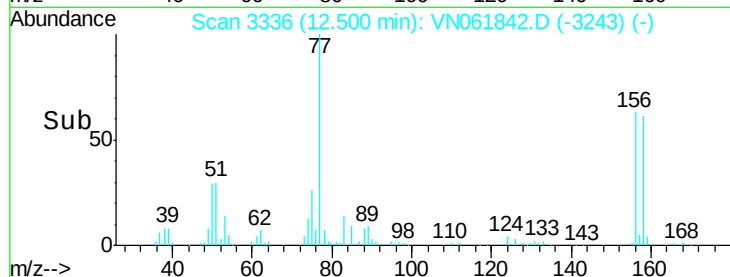
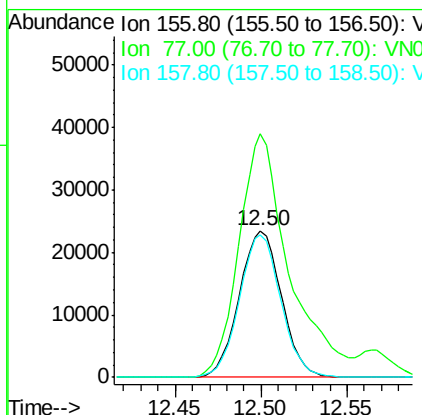
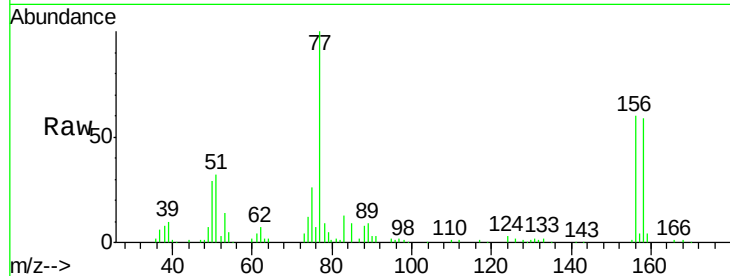
ClientSampleId :

VN0617WBSD01

Tot Ion	156	Resp	39926
Ion Ratio	Lower	Upper	
156	100		
77	197.8	100.7	302.1
158	95.4	48.5	145.5

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#78

n-propylbenzene

Concen: 18.551 ug/l

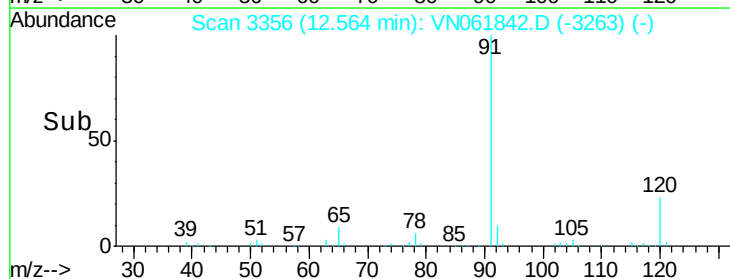
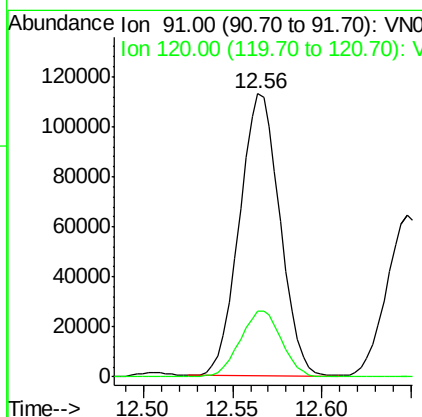
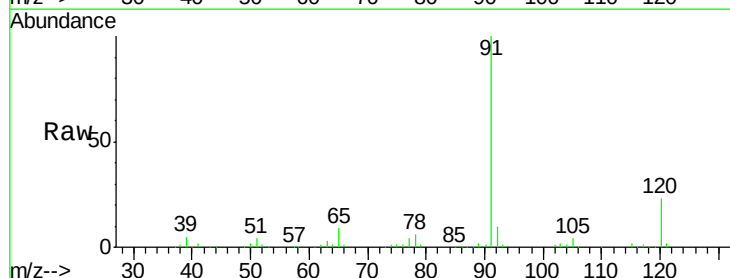
RT: 12.56 min Scan# 3356

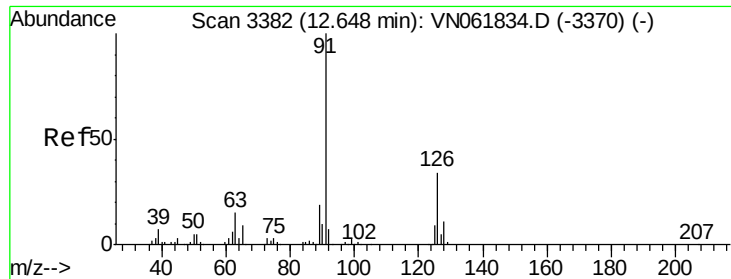
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion	91	Resp	178630
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.6	34.8





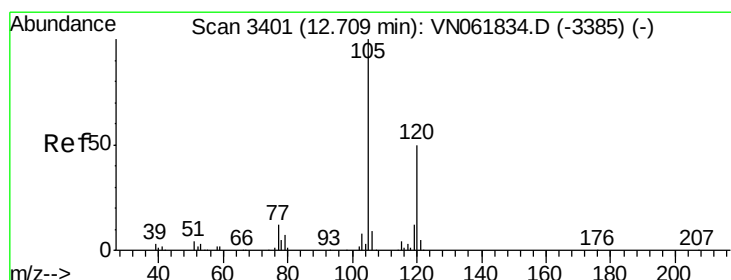
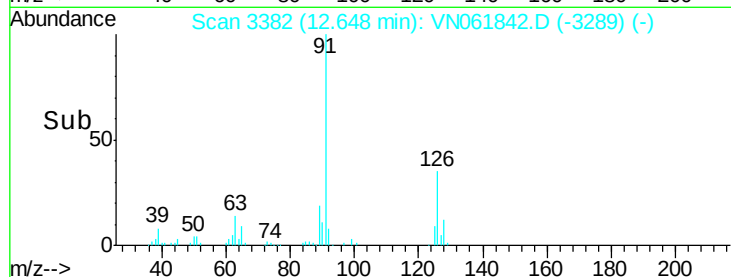
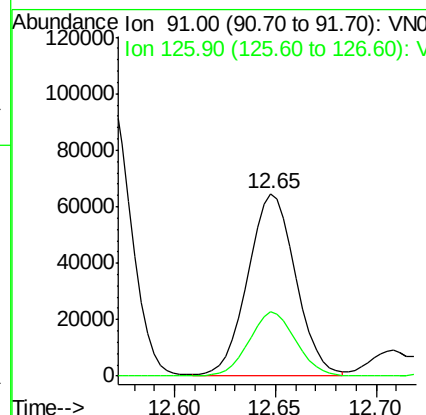
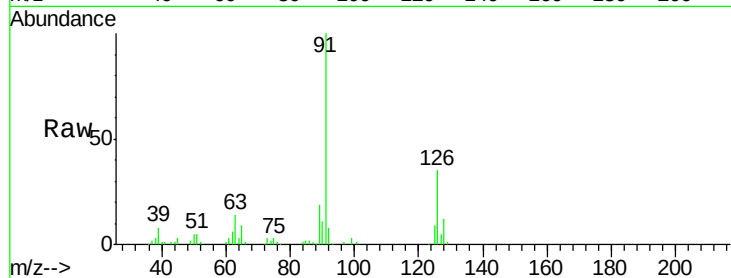
#79
 2-Chlorotoluene
 Concen: 18.348 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		106108		
126	34.9		17.3	51.7	

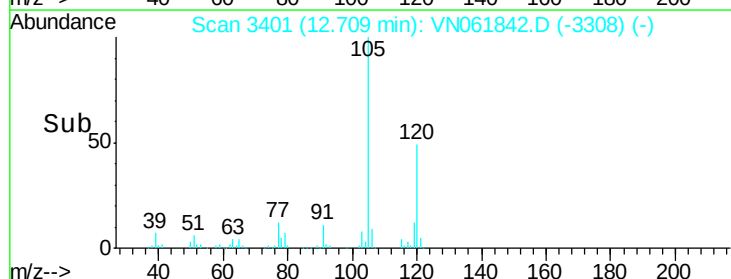
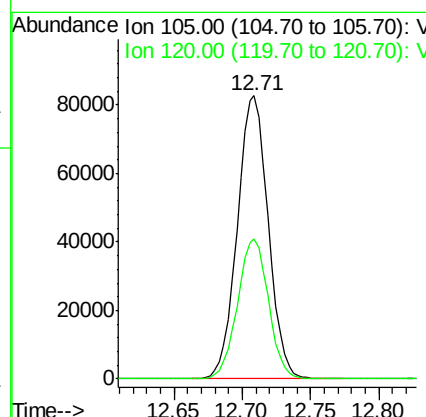
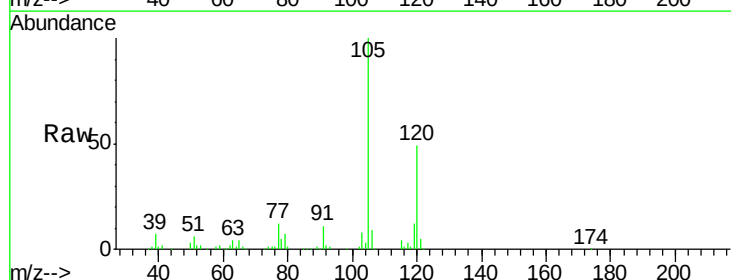
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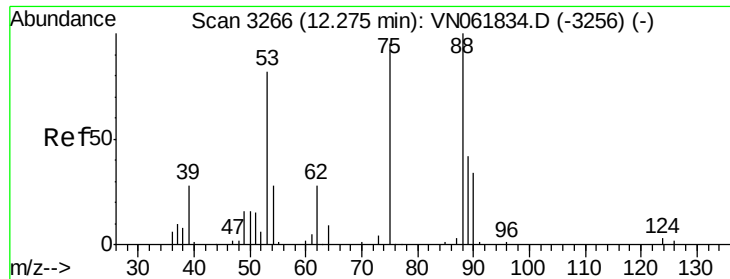
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.622 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		130011		
120	49.4		24.9	74.7	





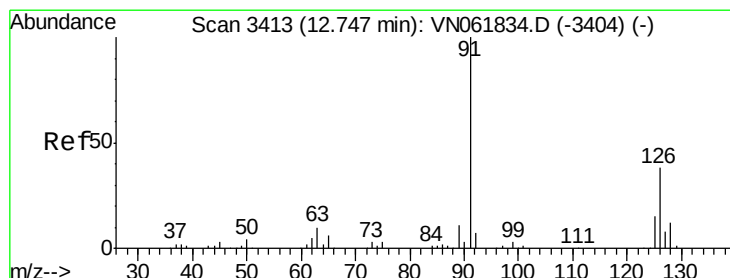
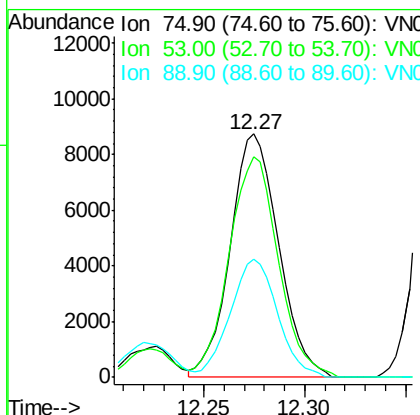
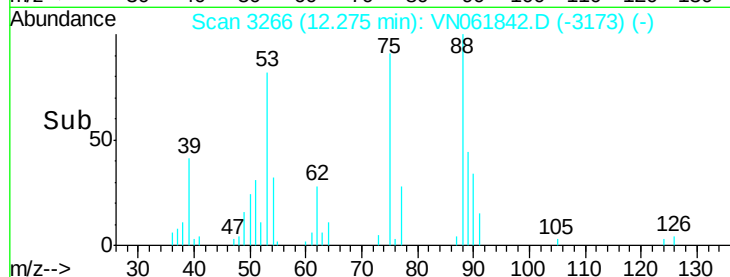
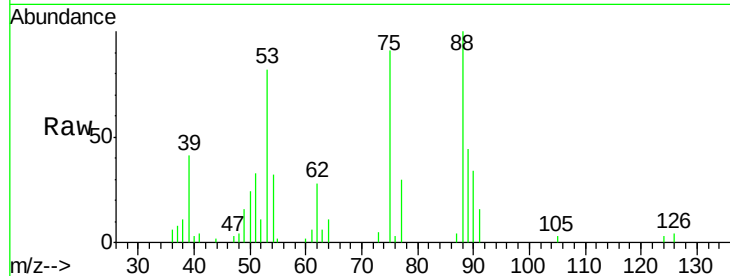
#81
trans-1,4-Dichloro-2-butene
Concen: 17.229 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	70.4	105.6
89	47.4	36.0	54.0

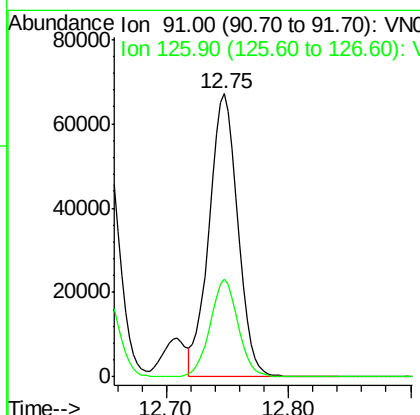
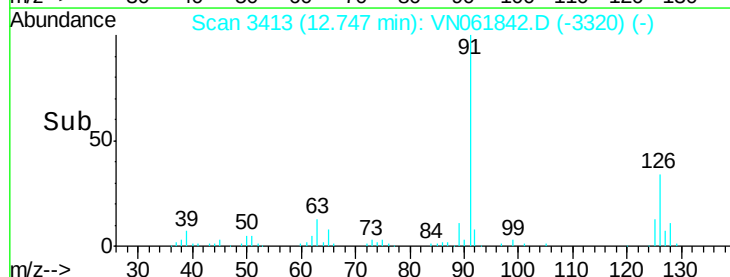
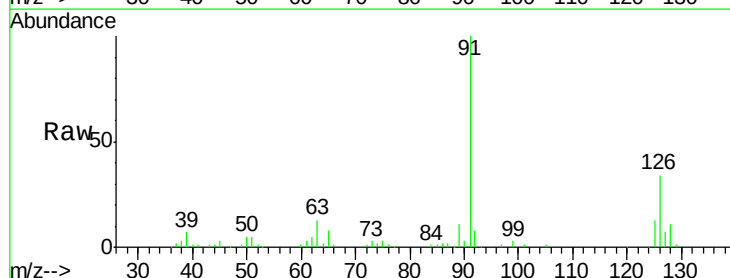
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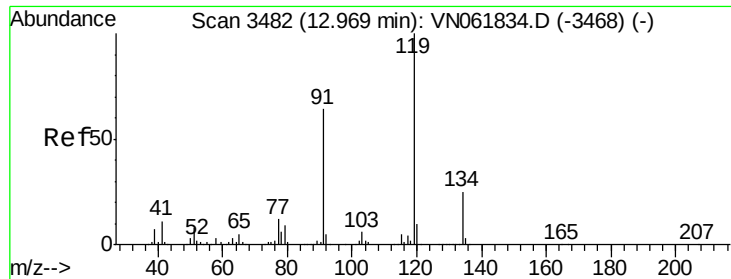
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#82
4-Chlorotoluene
Concen: 18.591 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.2	51.6





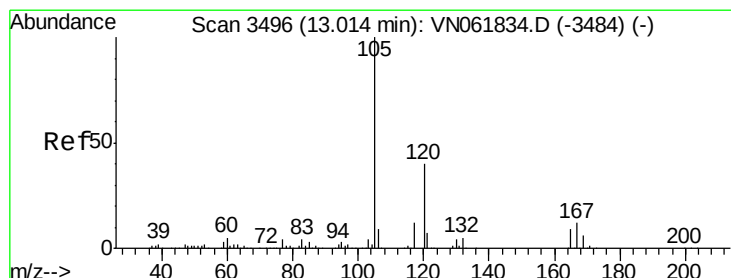
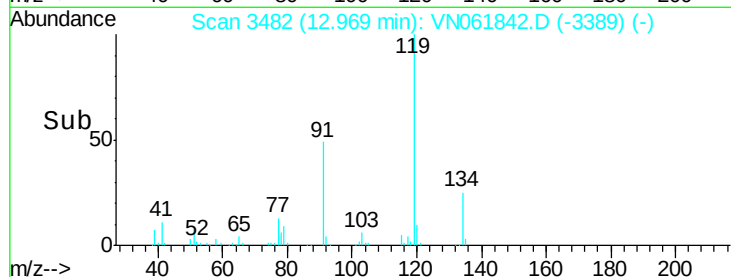
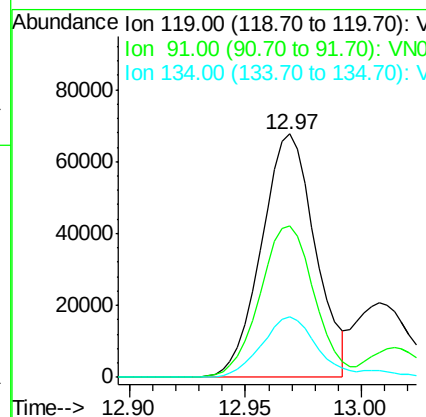
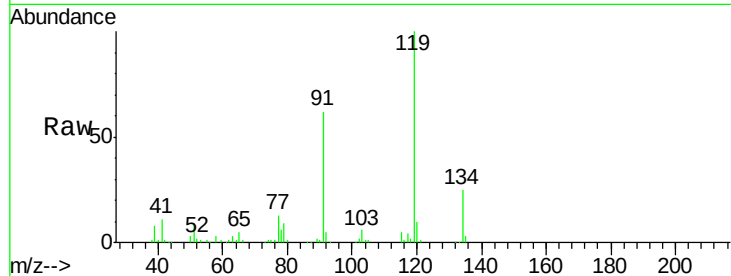
#83
 tert-Butylbenzene
 Concen: 18.504 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.5	94.5
134	25.6	13.3	39.9

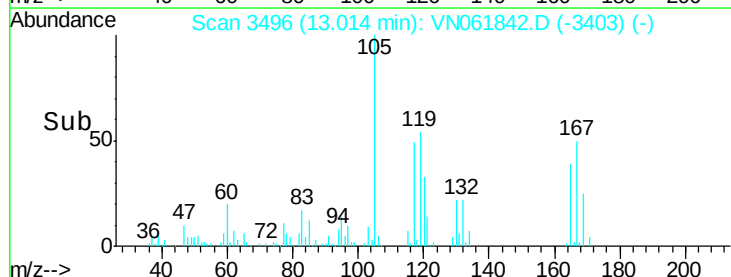
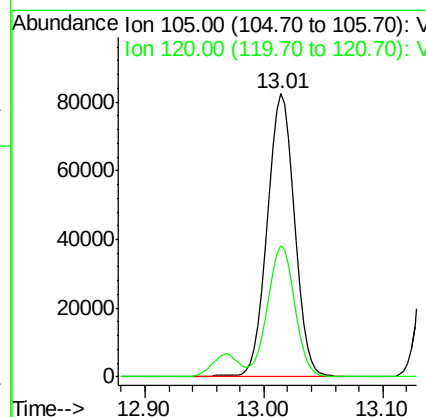
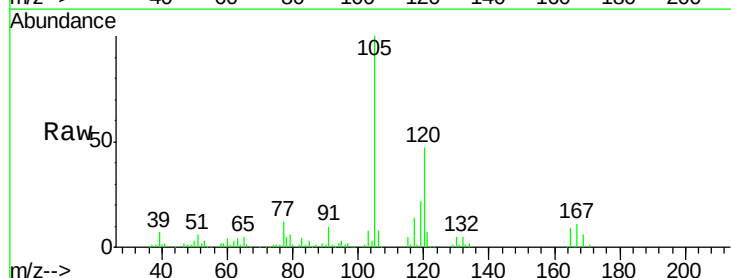
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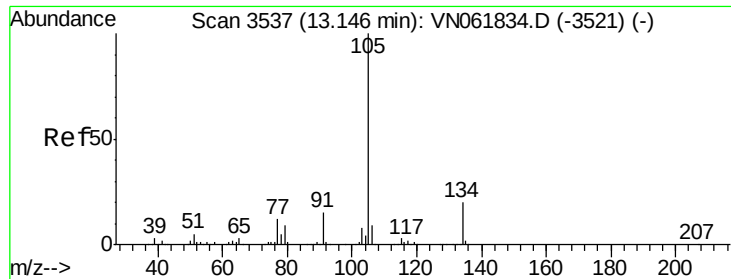
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.080 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 18.482 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

Tot Ion:105 Resp: 143179

Ion Ratio Lower Upper

105 100

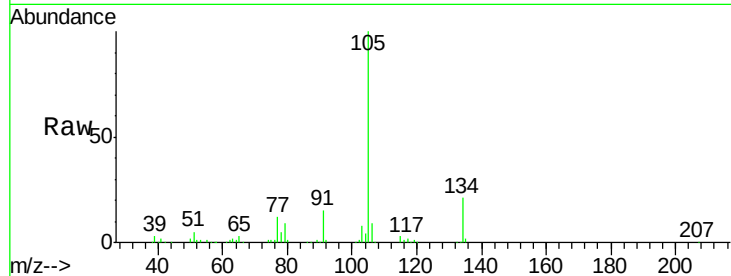
134 20.6 10.1 30.1

Manual Integrations

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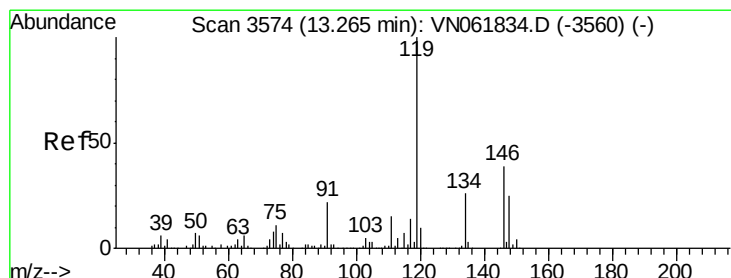
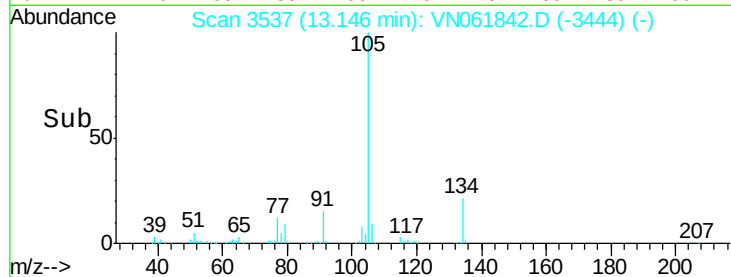
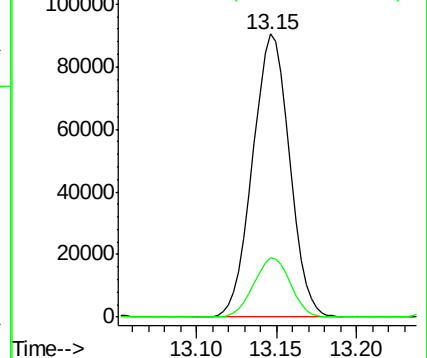
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.226 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

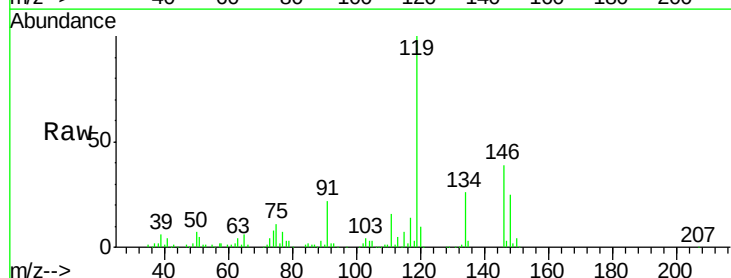
Tgt Ion:119 Resp: 132718

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

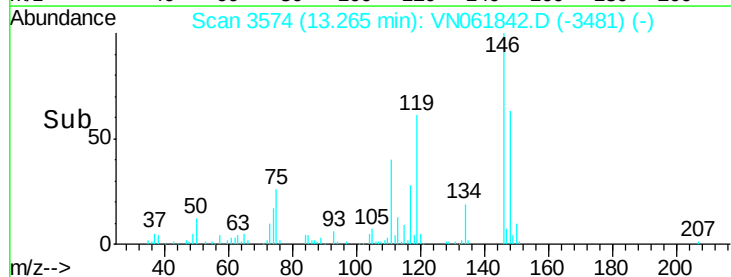
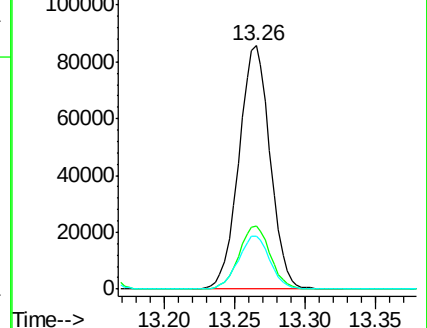
91 22.2 11.2 33.6

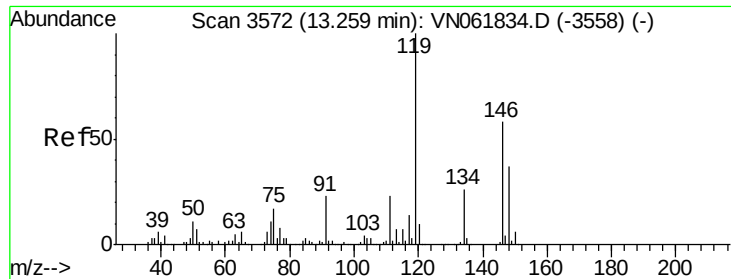


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.161 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

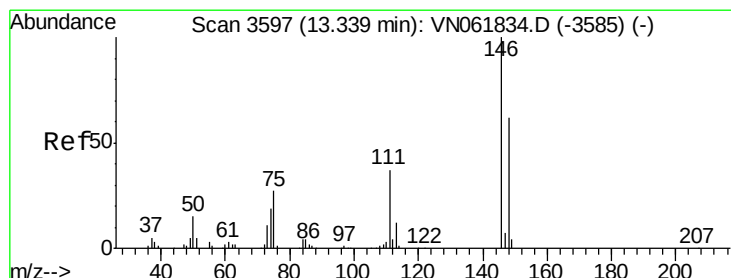
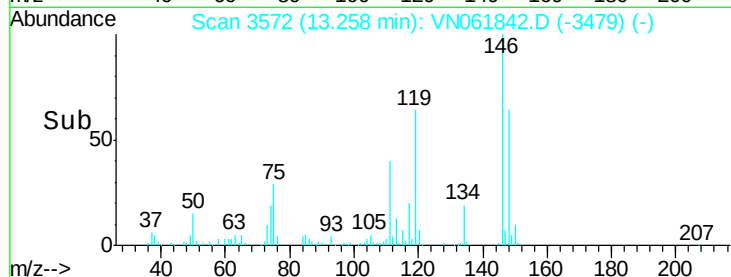
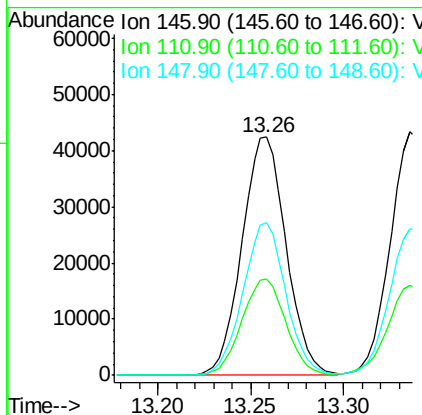
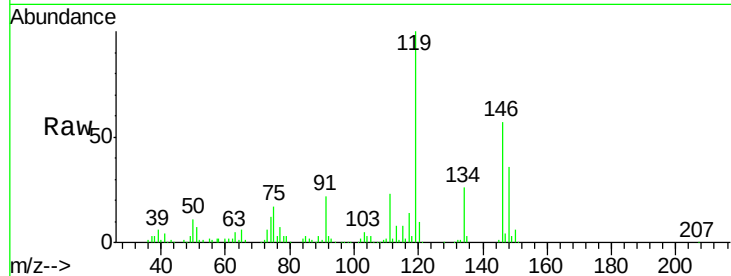
ClientSampleId :

VN0617WBSD01

Tot Ion:	146	Resp:	70519
Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.8
148	62.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 17.777 ug/l

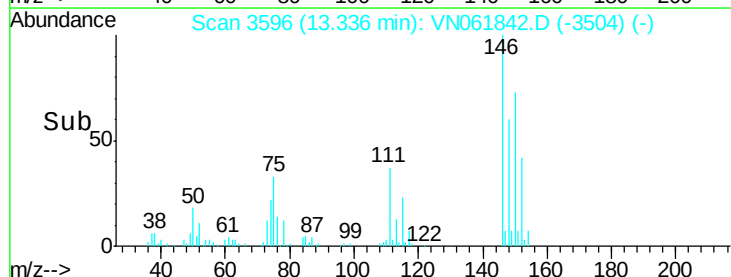
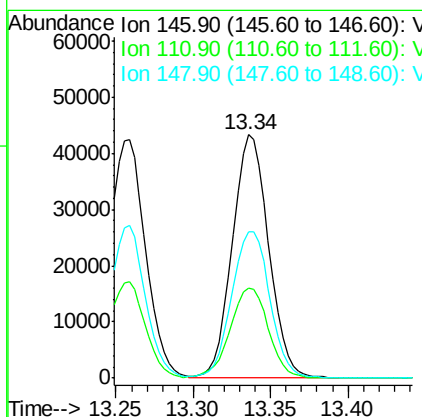
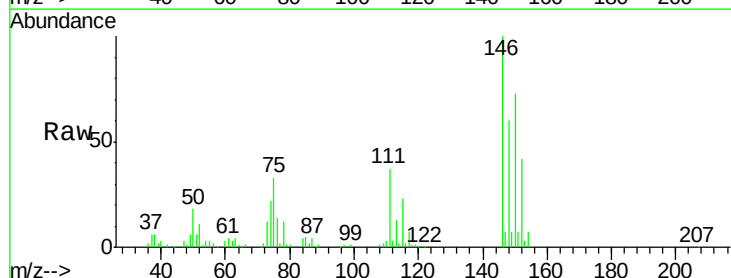
RT: 13.34 min Scan# 3596

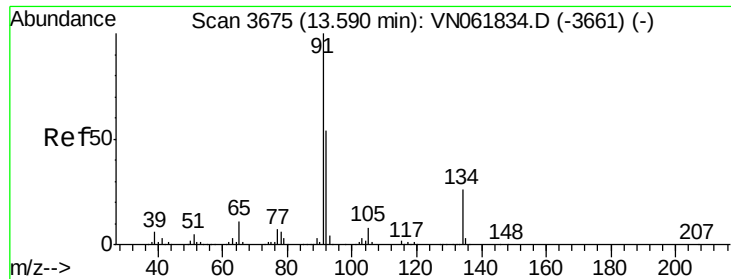
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	146	Resp:	70655
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.3	31.6	94.7





#89

n-Butylbenzene

Concen: 18.427 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Instrument :

MSVOA_N

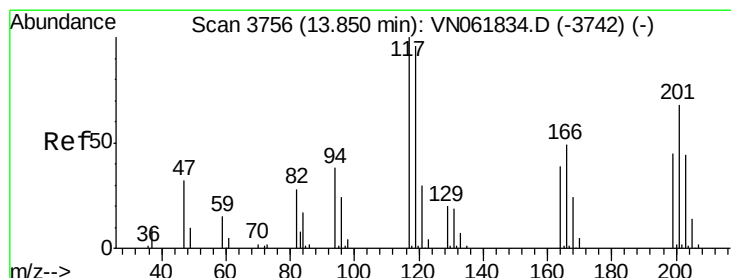
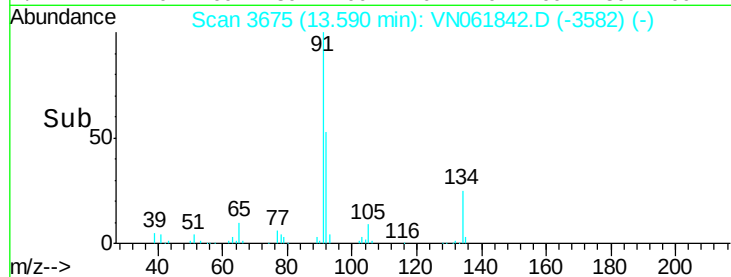
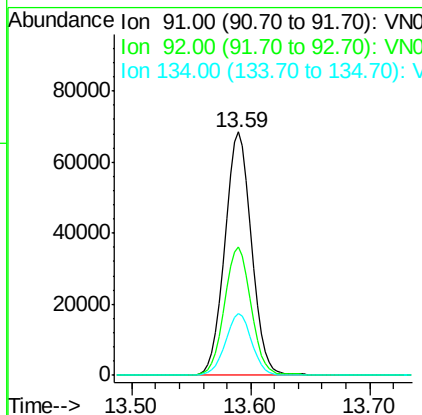
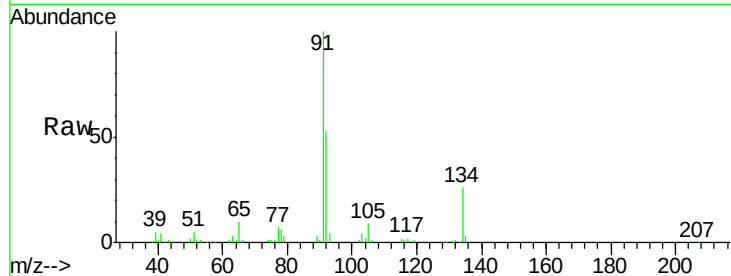
ClientSampleId :

VN0617WBSD01

Tot Ion:	91	Resp:	106231
Ion Ratio	Lower	Upper	
91	100		
92	52.4	27.0	80.8
134	24.9	13.0	39.0

Manual Integrations
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#90

Hexachloroethane

Concen: 17.666 ug/l

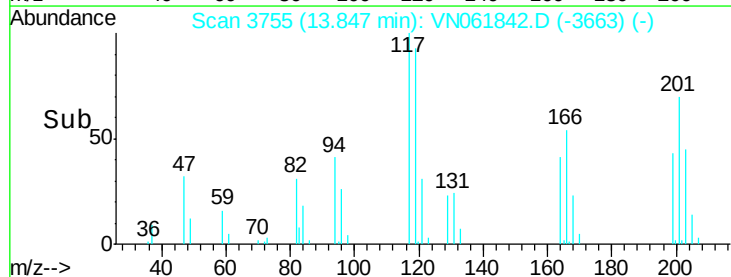
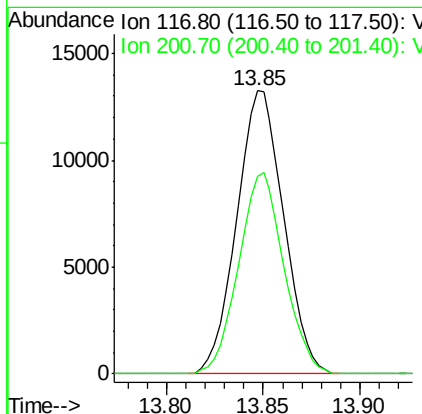
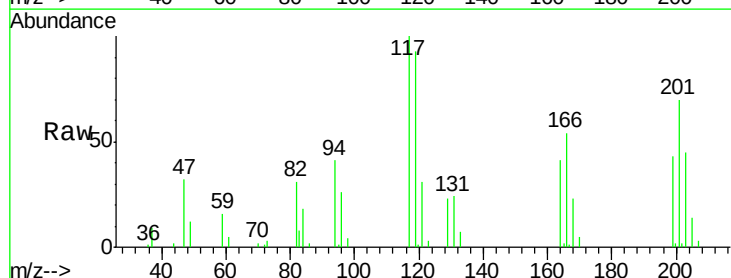
RT: 13.85 min Scan# 3755

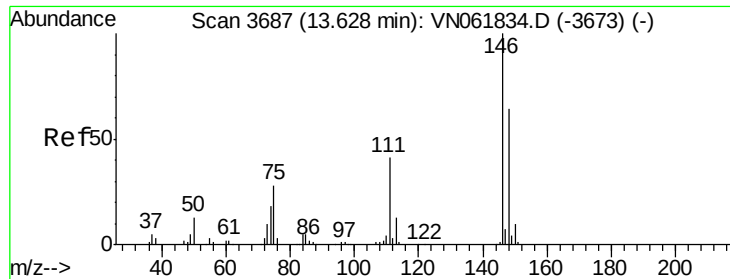
Delta R.T. -0.00 min

Lab File: VN061842.D

Acq: 17 Jun 2020 12:40

Tgt Ion:	117	Resp:	22323
Ion Ratio	Lower	Upper	
117	100		
201	68.8	34.6	103.8





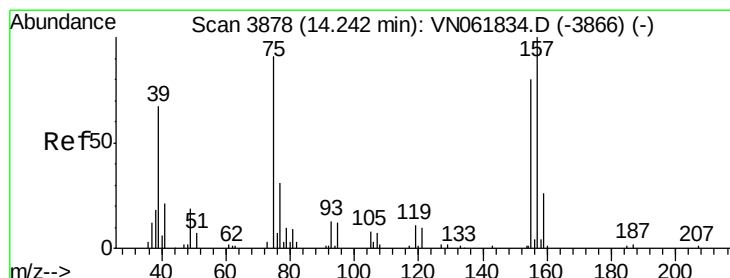
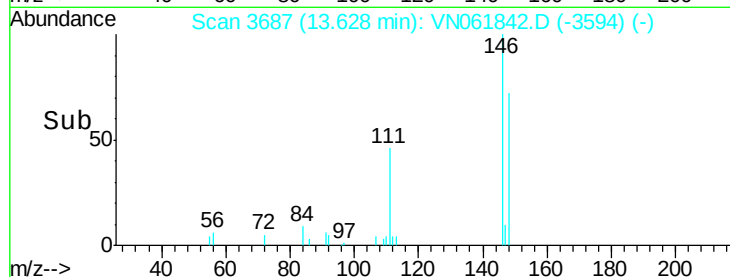
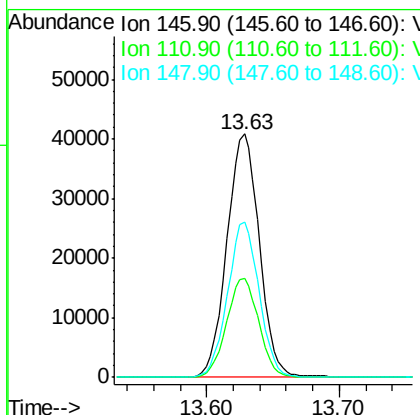
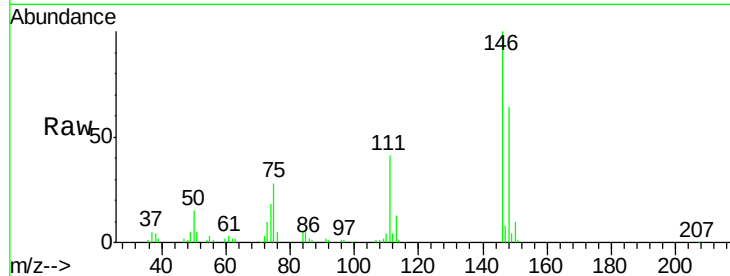
#91
 1,2-Dichlorobenzene
 Concen: 18.563 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	61.8	31.8	95.4

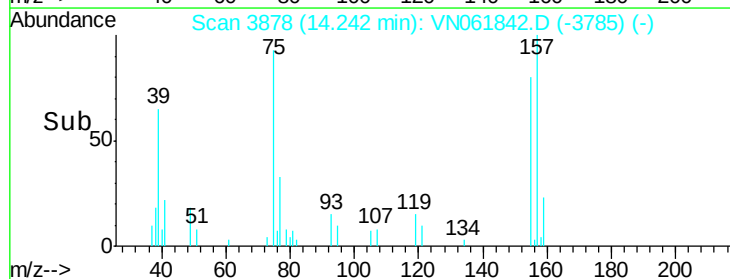
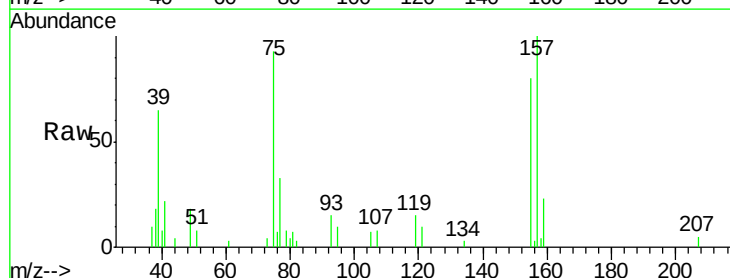
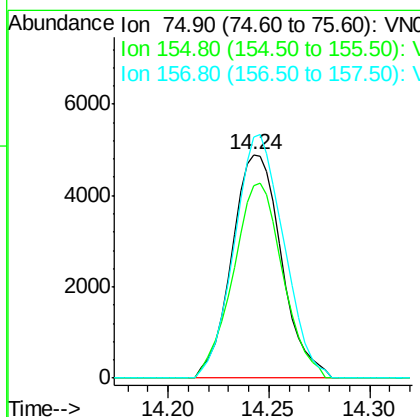
Manual Integrations
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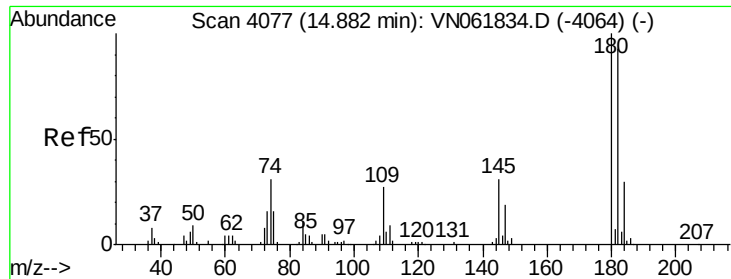
MMDadoda
 6/18/2020 9:38:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.884 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	44.4	133.2
157	108.8	57.0	171.2





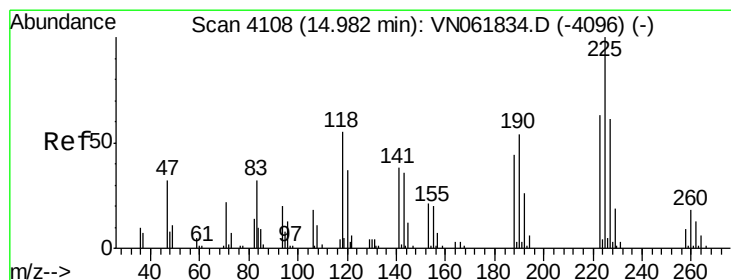
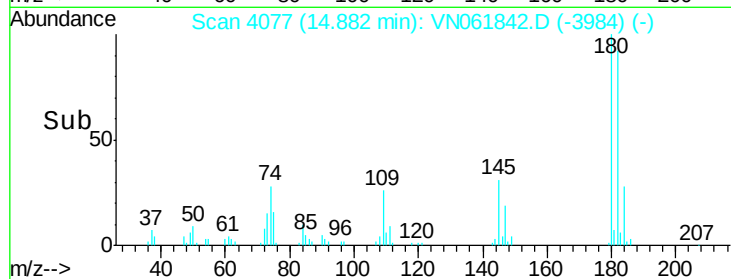
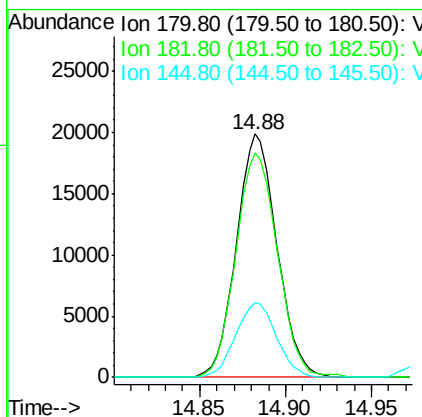
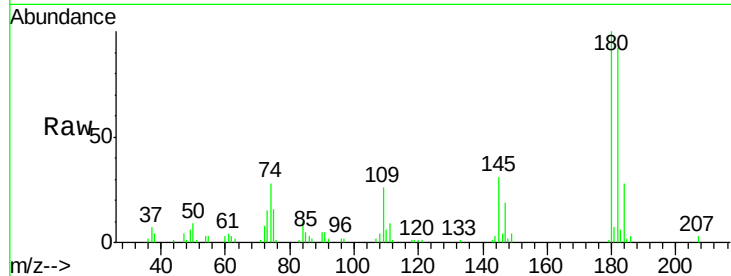
#93
 1,2,4-Trichlorobenzene
 Concen: 18.407 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	30.7	15.8	47.3

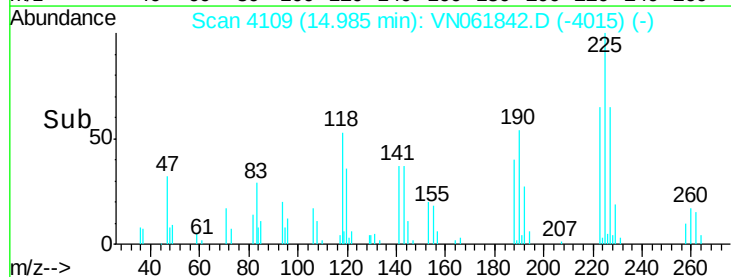
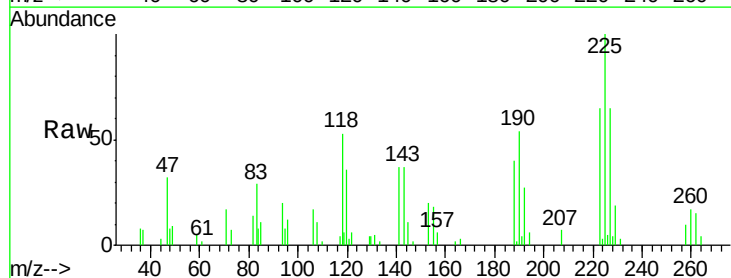
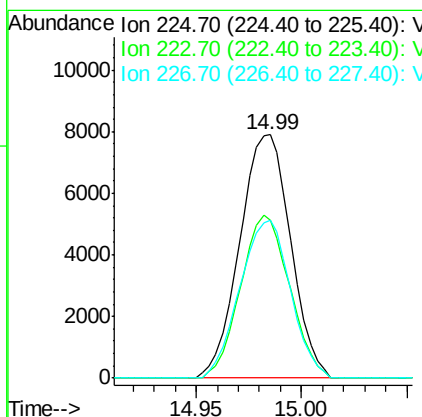
Manual Integrations
 APPROVED

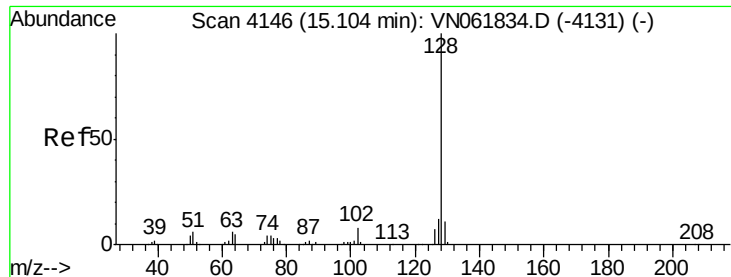
MMDadoda
 6/18/2020 9:38:12 AM



#94
 Hexachlorobutadiene
 Concen: 19.035 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061842.D
 Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.7	95.1
227	64.4	30.1	90.3





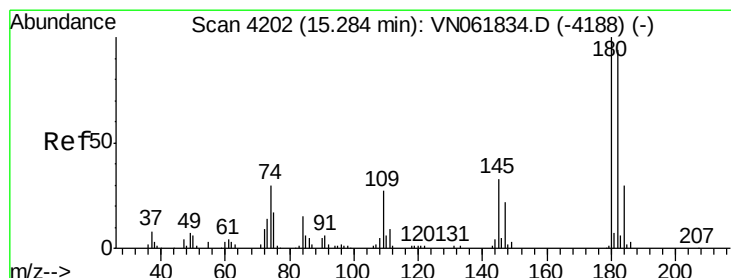
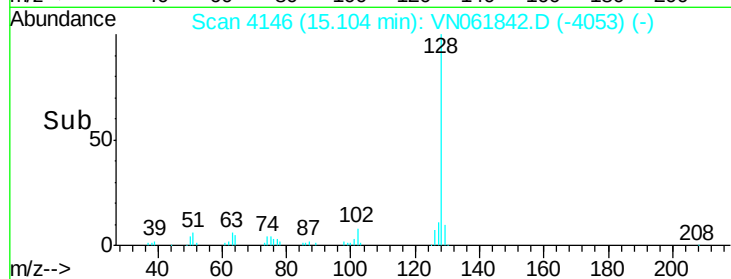
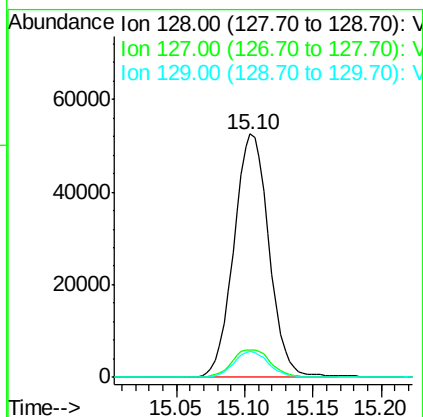
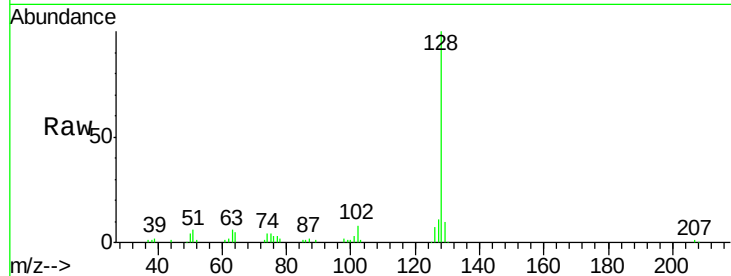
#95
Naphthalene
Concen: 18.273 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
VN0617WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:38:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.110 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061842.D
Acq: 17 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.9	143.6
145	31.6	16.5	49.5

