

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063738.D
 Acq On : 30 Sep 2020 9:48
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:39:42 PM

Quant Time: Sep 30 12:14:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	10.06	98	8378	0.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.48%	
62) 4-Bromofluorobenzene	12.38	95	3551	0.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	3209	1.076	ug/l	93
3) Chloromethane	2.04	50	4210	1.083	ug/l	97
4) Vinyl Chloride	2.16	62	4158	1.195	ug/l	96
6) Chloroethane	2.68	64	2130	0.986	ug/l #	79
7) Trichlorofluoromethane	2.98	101	6149	1.167	ug/l #	83
8) Diethyl Ether	3.37	74	1821	0.905	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3338	1.135	ug/l #	75
12) 1,1-Dichloroethene	3.69	96	3172	1.076	ug/l #	77
14) Allyl chloride	4.28	41	5169	0.893	ug/l #	28
15) Acrylonitrile	4.94	53	6988m	4.449	ug/l	
16) Acetone	3.77	43	7947	5.464	ug/l	93
17) Carbon Disulfide	4.01	76	10699	1.257	ug/l	100
18) Methyl Acetate	4.28	43	4212m	1.147	ug/l	
19) Methyl tert-butyl Ether	4.98	73	10237m	0.927	ug/l	
20) Methylene Chloride	4.51	84	4550m	1.248	ug/l	
21) trans-1,2-Dichloroethene	4.99	96	3596m	1.098	ug/l	
22) Diisopropyl ether	5.90	45	9912	0.831	ug/l #	72
23) Vinyl Acetate	5.84	43	39411	4.034	ug/l	99
24) 1,1-Dichloroethane	5.79	63	6415	0.985	ug/l #	86
25) 2-Butanone	6.78	43	8637	3.910	ug/l	95
26) 2,2-Dichloropropane	6.76	77	6036	1.044	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	3834m	1.034	ug/l	
28) Bromochloromethane	7.14	49	2272m	0.739	ug/l	
29) Tetrahydrofuran	7.17	42	6409	4.251	ug/l	97
30) Chloroform	7.32	83	6348	0.965	ug/l #	69
32) 1,1,1-Trichloroethane	7.53	97	5525m	0.938	ug/l	
36) 1,1-Dichloropropene	7.75	75	4881	1.061	ug/l	94
37) Ethyl Acetate	6.88	43	5374m	1.195	ug/l	
38) Carbon Tetrachloride	7.73	117	6014	1.267	ug/l	89
39) Methylcyclohexane	9.04	83	4406	0.890	ug/l	89
40) Benzene	8.00	78	13678	1.041	ug/l	98
41) Methacrylonitrile	7.13	41	2197	1.066	ug/l #	69
42) 1,2-Dichloroethane	8.08	62	6074	1.139	ug/l	81
43) Isopropyl Acetate	8.13	43	7075	0.878	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3931	1.219	ug/l	89
45) 1,2-Dichloropropane	9.08	63	3827	1.071	ug/l	90
46) Dibromomethane	9.17	93	2623	1.111	ug/l	94
47) Bromodichloromethane	9.37	83	4805	0.975	ug/l	92
48) Methyl methacrylate	9.16	41	3603	0.913	ug/l #	66
49) 1,4-Dioxane	9.17	88	1239	21.976	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	19791	4.350	ug/l	94
52) Toluene	10.12	92	7621	0.961	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	4816	0.880	ug/l	93
54) cis-1,3-Dichloropropene	9.80	75	5194	0.903	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	3200	1.010	ug/l #	87
56) Ethyl methacrylate	10.40	69	3587	0.733	ug/l #	70
57) 1,3-Dichloropropane	10.67	76	5049	0.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	9496	3.666	ug/l	99
59) 2-Hexanone	10.72	43	14783	4.483	ug/l	84
60) Dibromochloromethane	10.87	129	3672	1.025	ug/l	94
61) 1,2-Dibromoethane	10.97	107	3061	0.931	ug/l	87
64) Tetrachloroethene	10.60	164	4027	1.451	ug/l #	73
65) Chlorobenzene	11.40	112	8678	1.025	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	3318	1.060	ug/l #	65
67) Ethyl Benzene	11.48	91	14642	0.918	ug/l	100
68) m/p-Xylenes	11.59	106	11394	1.976	ug/l	95
69) o-Xylene	11.92	106	4862	0.888	ug/l	90
70) Styrene	11.94	104	7999	0.871	ug/l	98
71) Bromoform	12.10	173	2425	1.037	ug/l #	74
73) Isopropylbenzene	12.22	105	12901	0.942	ug/l	96
74) N-amyl acetate	12.05	43	3878	0.605	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	4046	0.954	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	4372m	1.034	ug/l	
77) Bromobenzene	12.50	156	3282	1.054	ug/l	96
78) n-propylbenzene	12.56	91	15452	0.970	ug/l	96
79) 2-Chlorotoluene	12.65	91	9926	1.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10497	0.921	ug/l	97
82) 4-Chlorotoluene	12.75	91	9824	0.970	ug/l	94
83) tert-Butylbenzene	12.97	119	8508	0.903	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	9771	0.847	ug/l	99
85) sec-Butylbenzene	13.15	105	11238	0.893	ug/l	99
86) p-Isopropyltoluene	13.26	119	9175	0.826	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5885	1.022	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	7235	1.242	ug/l	82
89) n-Butylbenzene	13.59	91	10084	0.990	ug/l	95
90) Hexachloroethane	13.85	117	1925	0.907	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	6241	1.110	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1034m	1.034	ug/l	
93) 1,2,4-Trichlorobenzene	14.88	180	4088	1.256	ug/l	98
94) Hexachlorobutadiene	14.98	225	3015	2.149	ug/l	96
95) Naphthalene	15.11	128	12792	1.201	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4594	1.461	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 268823

Ion Ratio Lower Upper

168 100

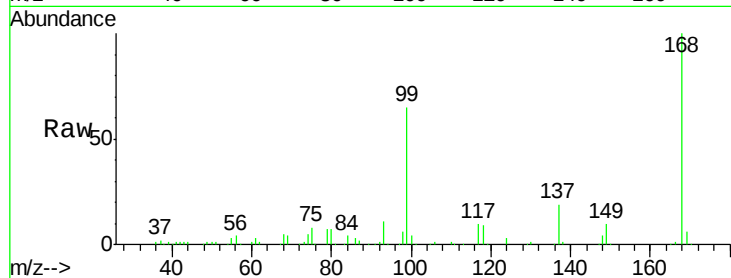
99 64.4 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

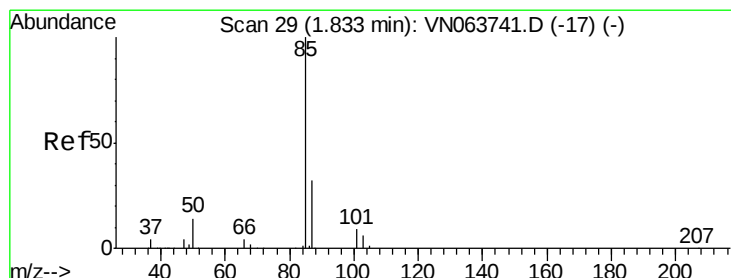
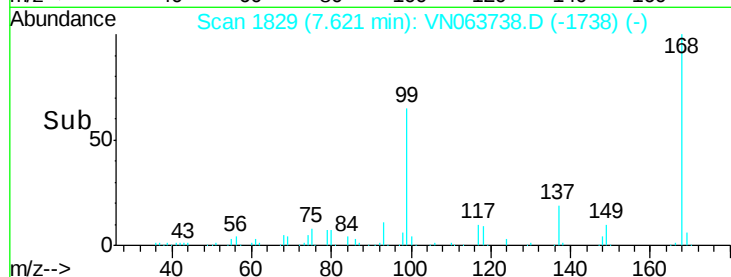
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.076 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063738.D

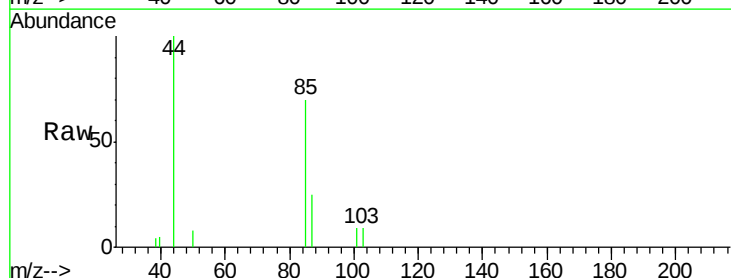
Acq: 30 Sep 2020 9:48

Tgt Ion: 85 Resp: 3209

Ion Ratio Lower Upper

85 100

87 35.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2500

2000

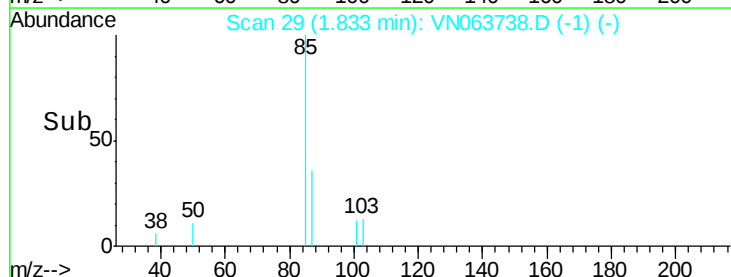
1500

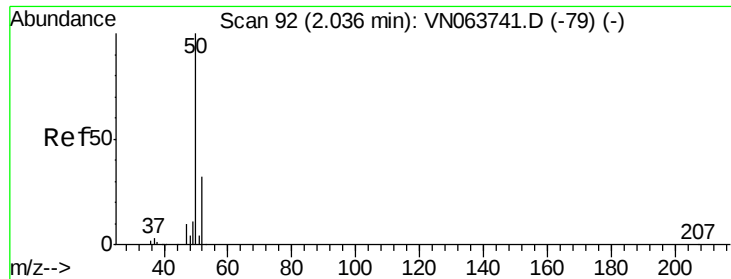
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 1.083 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4210

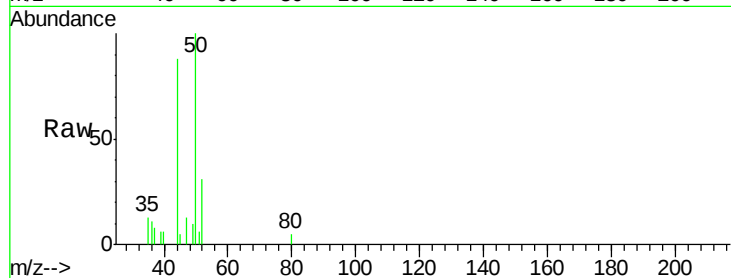
Ion Ratio Lower Upper

50 100

52 30.8 25.8 38.8

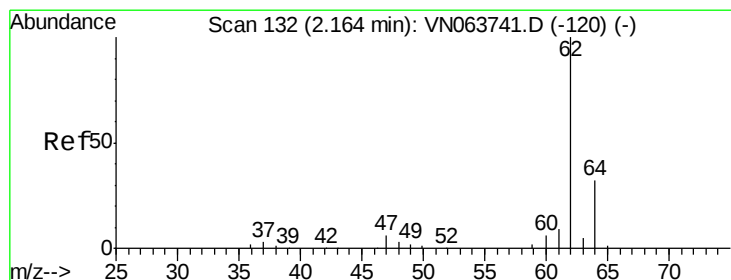
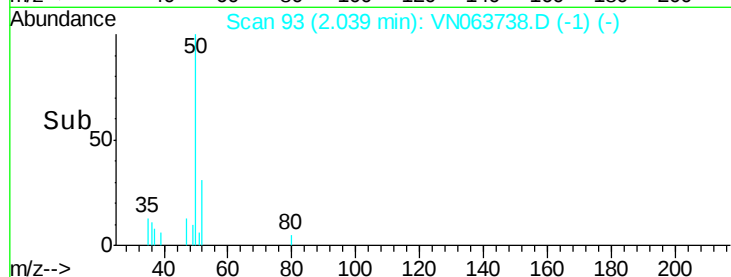
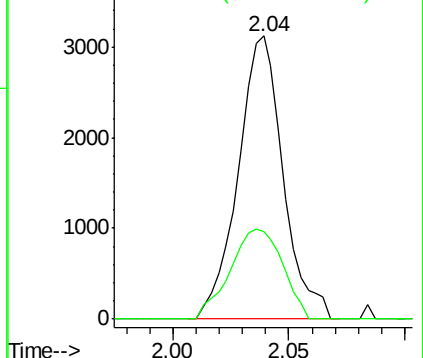
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.195 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063738.D

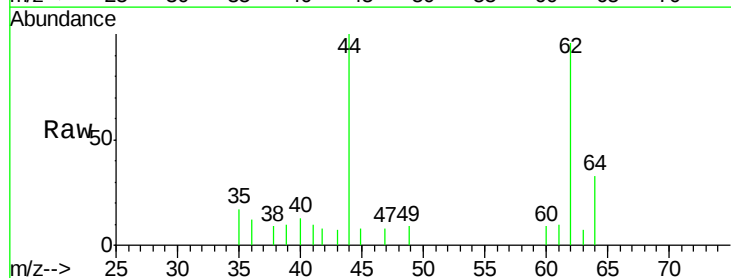
Acq: 30 Sep 2020 9:48

Tgt Ion: 62 Resp: 4158

Ion Ratio Lower Upper

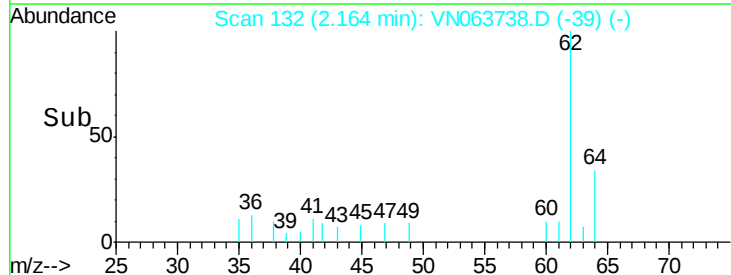
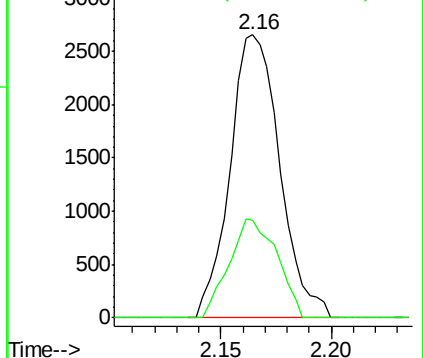
62 100

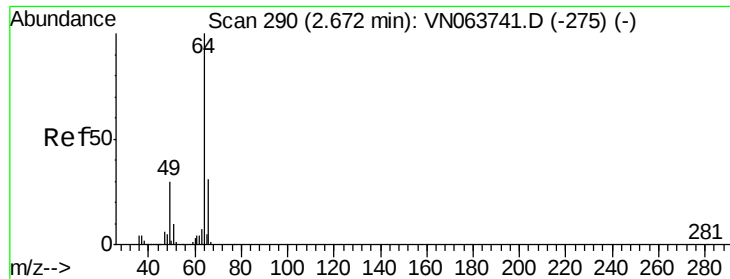
64 34.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 0.986 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 2130

Ion Ratio Lower Upper

64 100

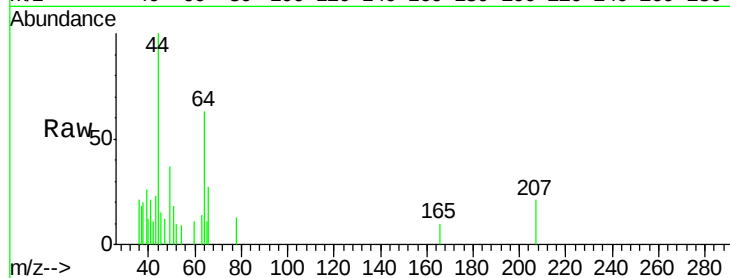
66 43.2 25.1 37.7#

Manual Integrations

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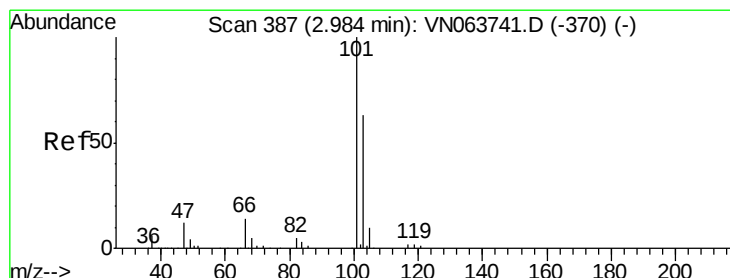
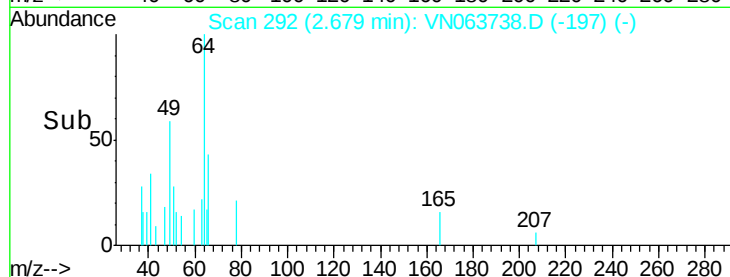
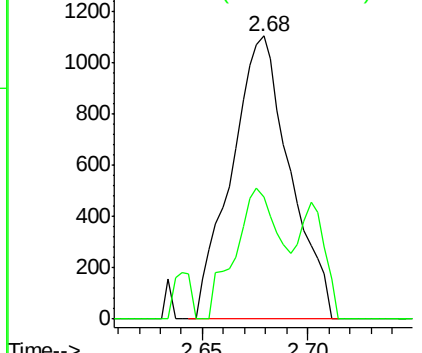
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Abundance Ion 63.90 (63.60 to 64.60): VN063738.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063738.D (-197) (-)



#7

Trichlorofluoromethane

Concen: 1.167 ug/l

RT: 2.98 min Scan# 387

Delta R.T. 0.00 min

Lab File: VN063738.D

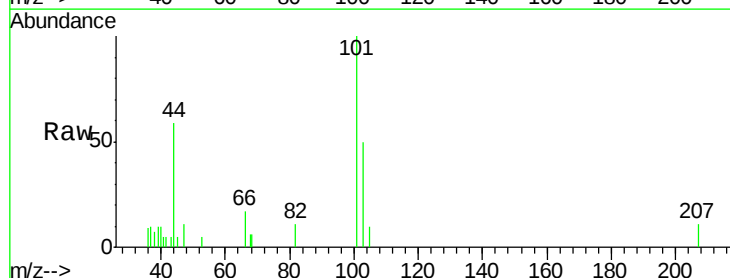
Acq: 30 Sep 2020 9:48

Tgt Ion: 101 Resp: 6149

Ion Ratio Lower Upper

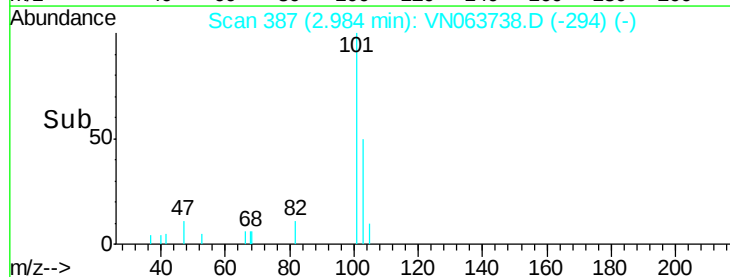
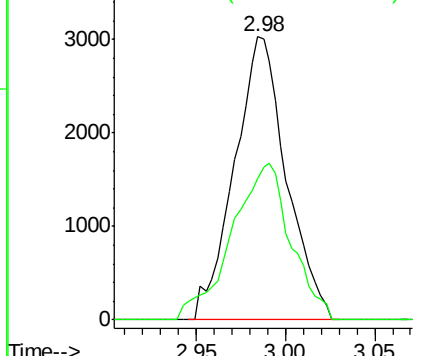
101 100

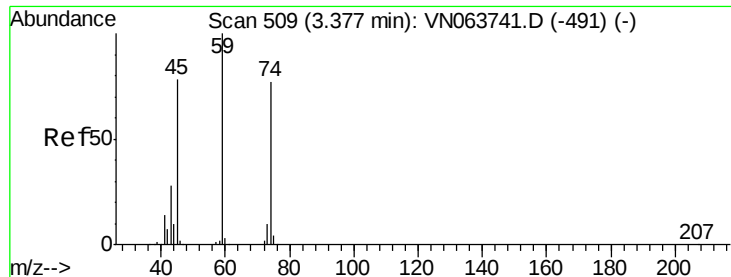
103 49.9 50.7 76.1#



Abundance Ion 100.90 (100.60 to 101.60): VN063738.D (-294) (-)

Ion 102.80 (102.50 to 103.50): VN063738.D (-294) (-)





#8

Diethyl Ether

Concen: 0.905 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1821

Ion Ratio Lower Upper

74 100

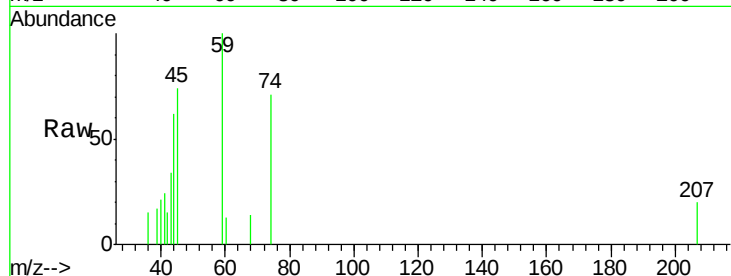
45 114.2 50.9 152.8

Manual Integrations

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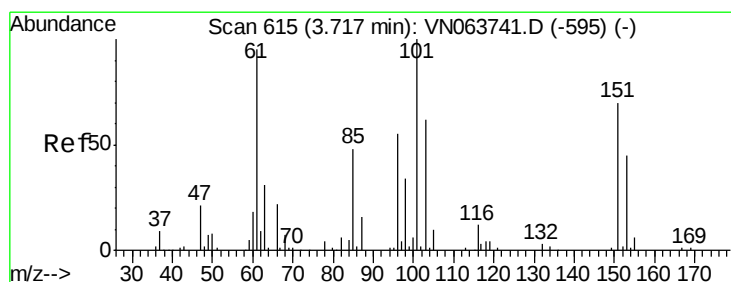
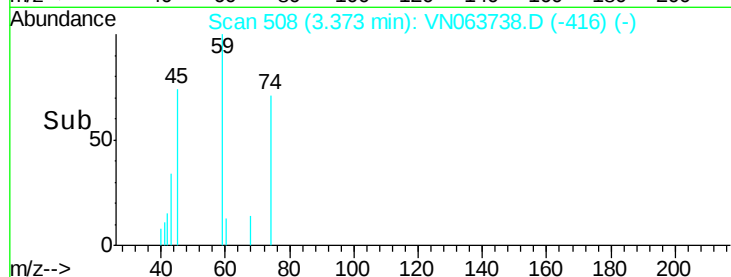
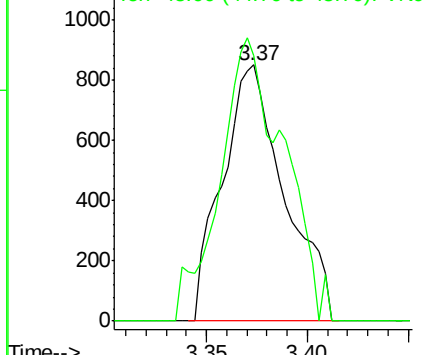
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Abundance Ion 74.00 (73.70 to 74.70): VN063738.D (-416) (-)

Ion 45.00 (44.70 to 45.70): VN063738.D (-416) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.135 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

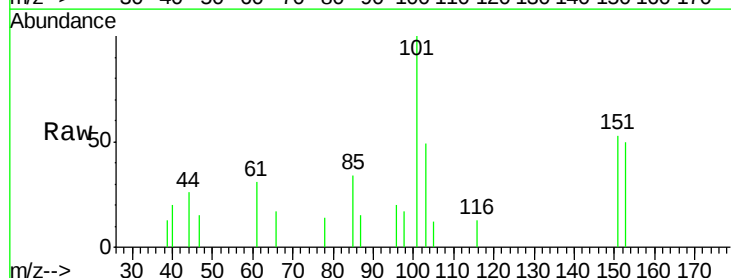
Tgt Ion: 101 Resp: 3338

Ion Ratio Lower Upper

101 100

85 34.1 38.6 58.0#

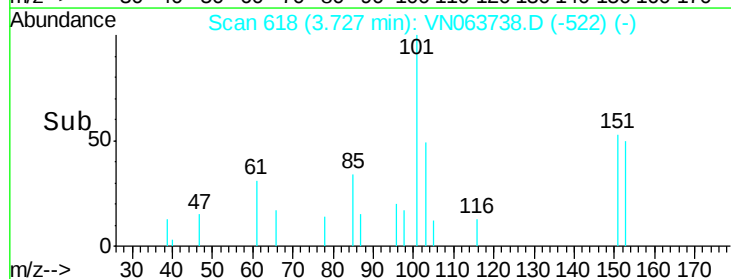
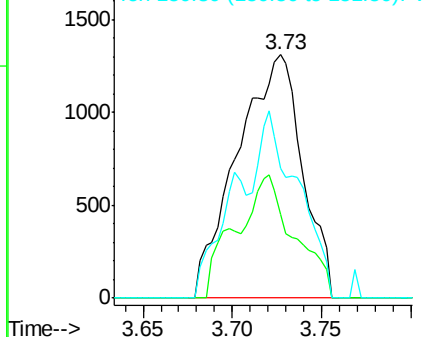
151 50.0 58.7 88.1#

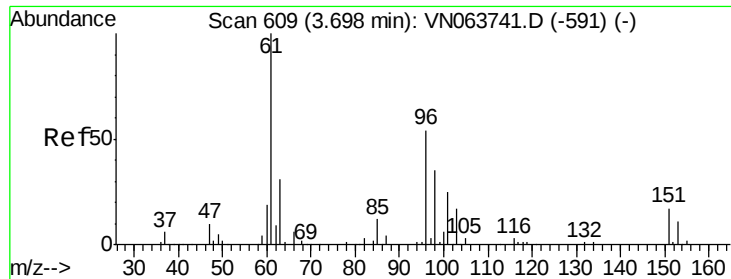


Abundance Ion 100.90 (100.60 to 101.60): VN063738.D (-522) (-)

Ion 84.90 (84.60 to 85.60): VN063738.D (-522) (-)

Ion 150.80 (150.50 to 151.50): VN063738.D (-522) (-)





#12

1,1-Dichloroethene

Concen: 1.076 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

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MSVOA_N

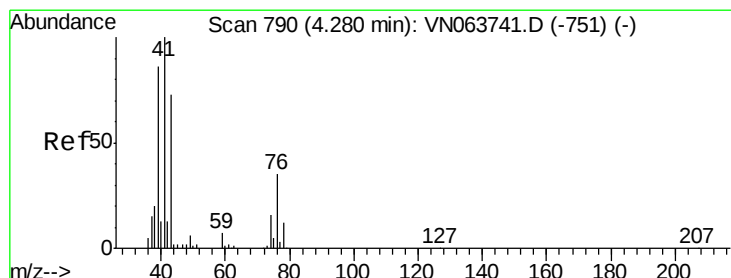
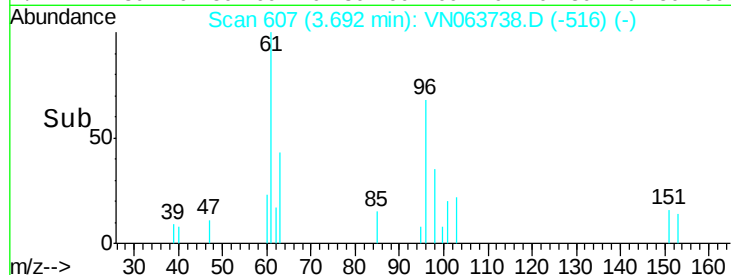
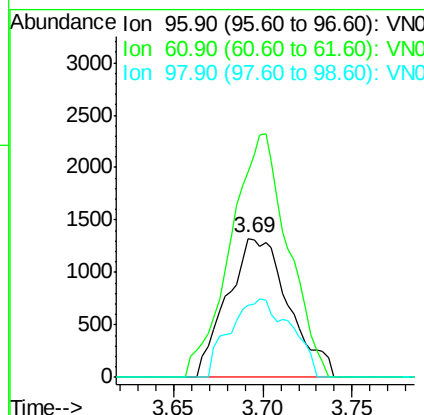
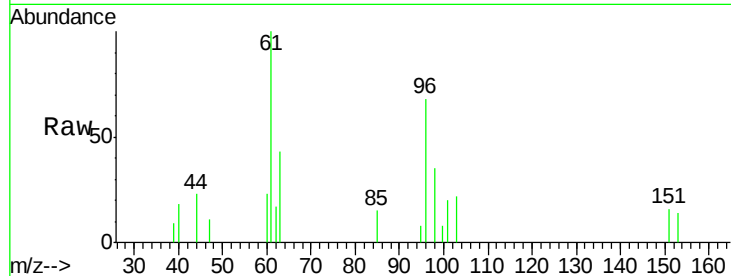
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3172
Ion	Ratio	Lower	Upper
96	100		
61	147.5	147.7	221.5#
98	51.9	51.9	77.9

Manual Integrations
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MMDadoda
10/1/2020 2:39:42 PM



#14

Allyl chloride

Concen: 0.893 ug/l

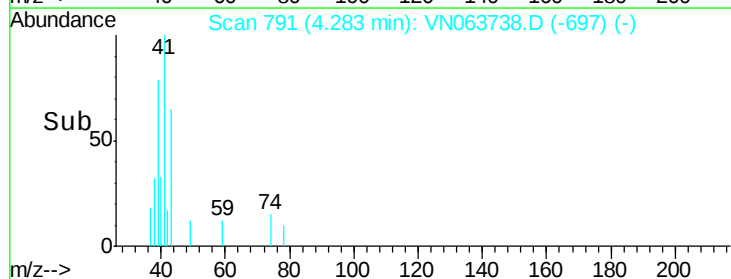
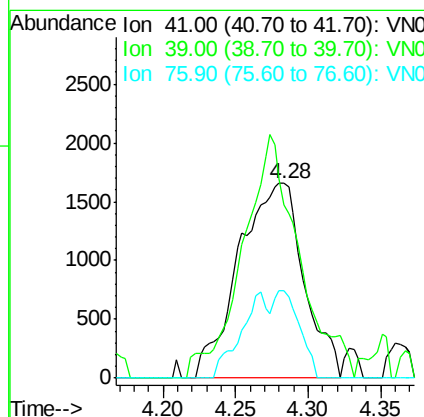
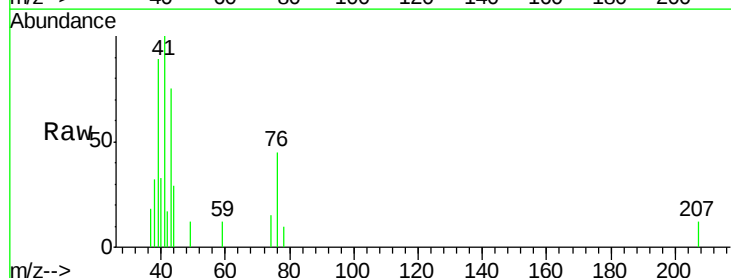
RT: 4.28 min Scan# 791

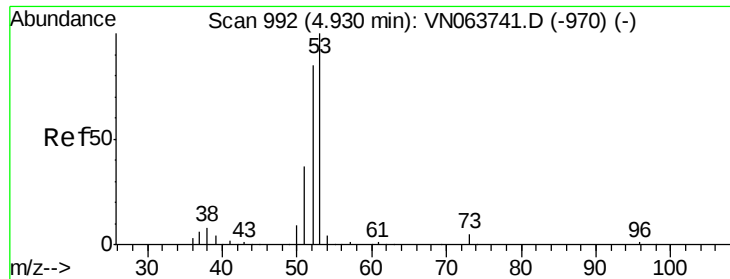
Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	41	Resp:	5169
Ion	Ratio	Lower	Upper
41	100		
39	0.0	64.5	96.7#
76	17.7	25.9	38.9#





#15

Acrylonitrile

Concen: 4.449 ug/l m

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

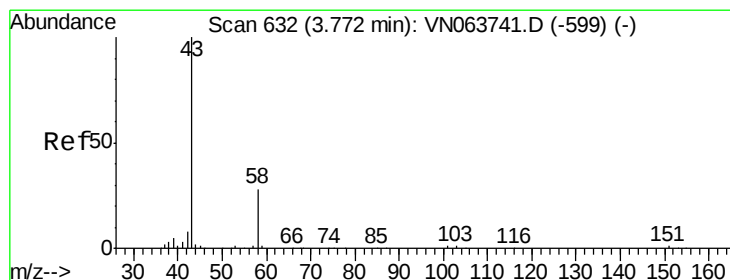
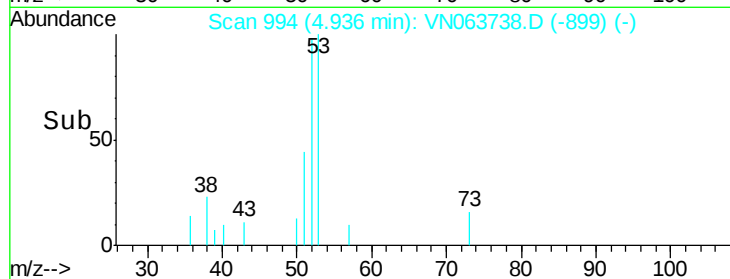
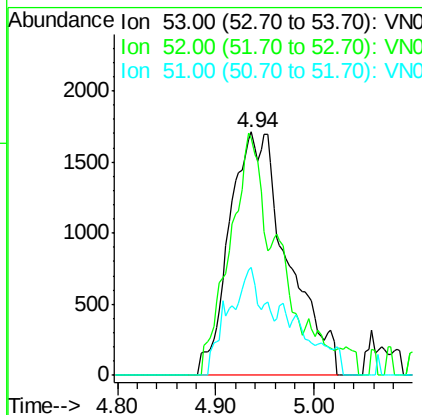
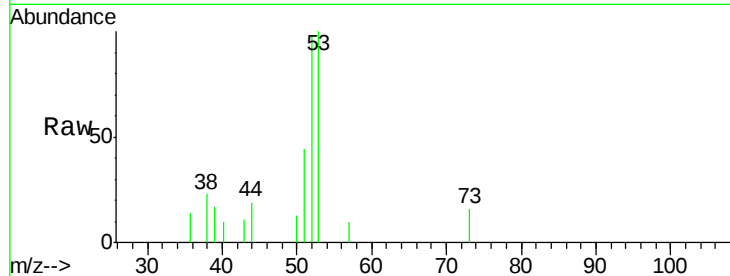
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6988
Ion	Ratio	Lower	Upper
53	100		
52	56.1	66.5	99.7#
51	22.4	29.9	44.9#

Manual Integrations
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MMDadoda
10/1/2020 2:39:42 PM



#16

Acetone

Concen: 5.464 ug/l

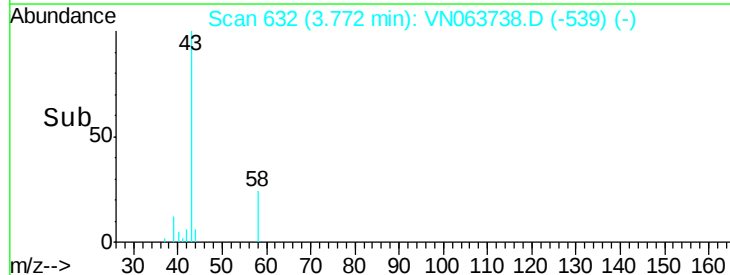
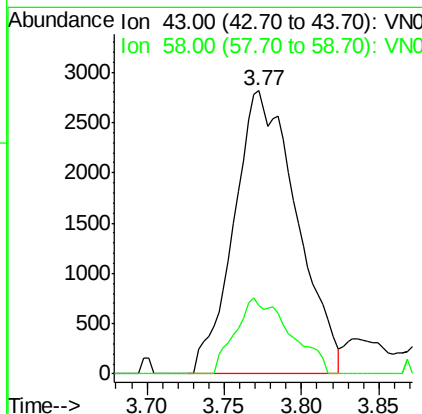
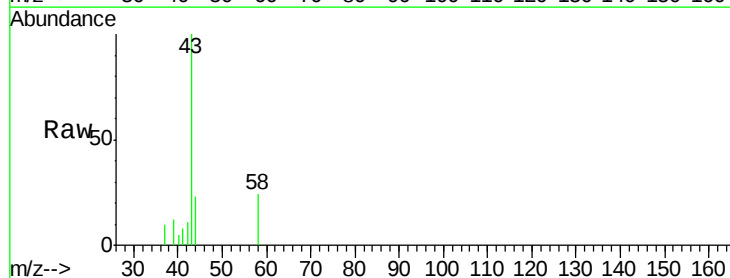
RT: 3.77 min Scan# 632

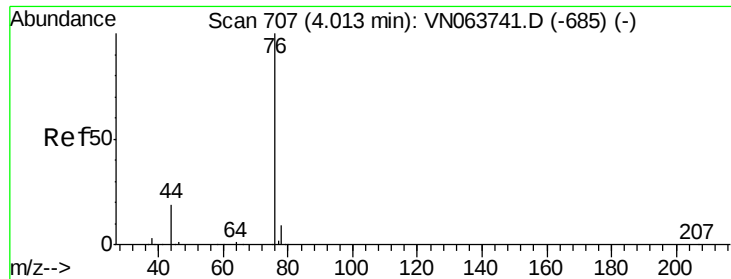
Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	43	Resp:	7947
Ion	Ratio	Lower	Upper
43	100		
58	24.3	22.3	33.5





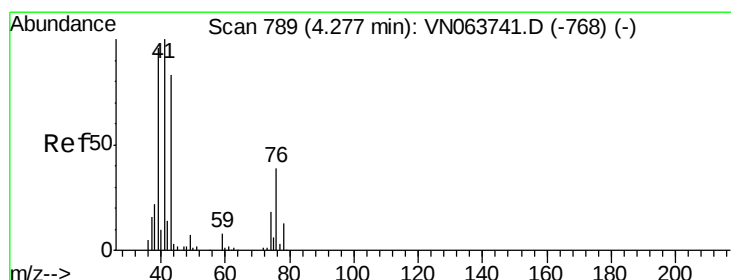
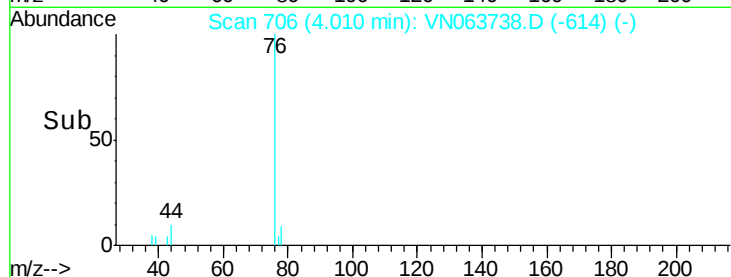
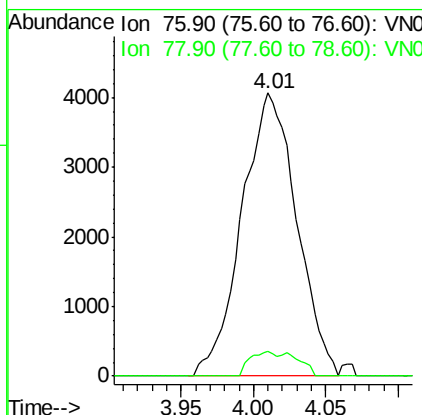
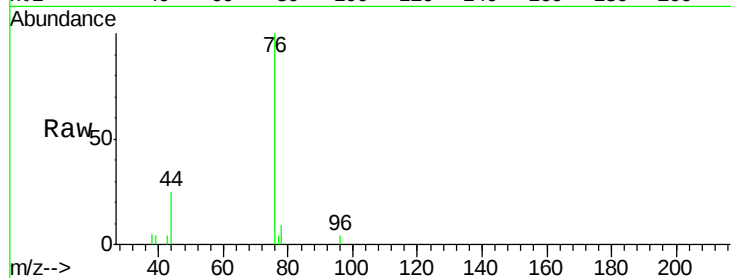
#17
Carbon Disulfide
Concen: 1.257 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

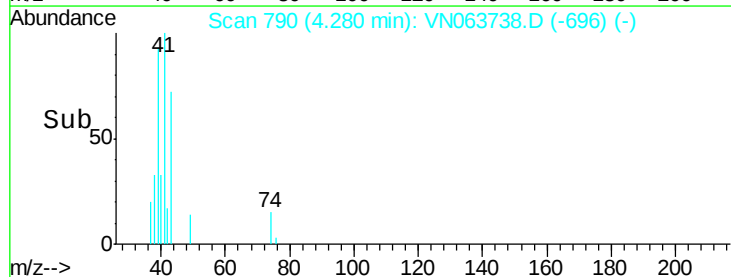
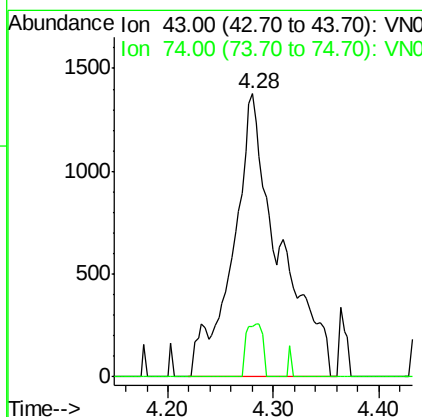
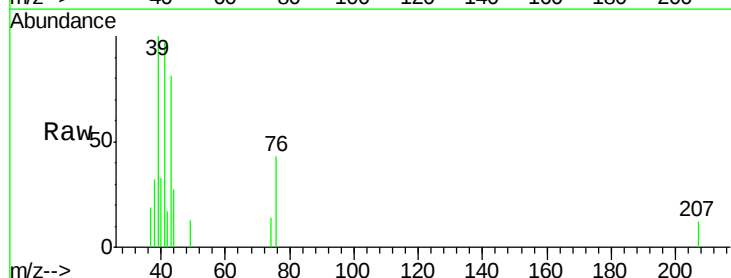
Manual Integrations
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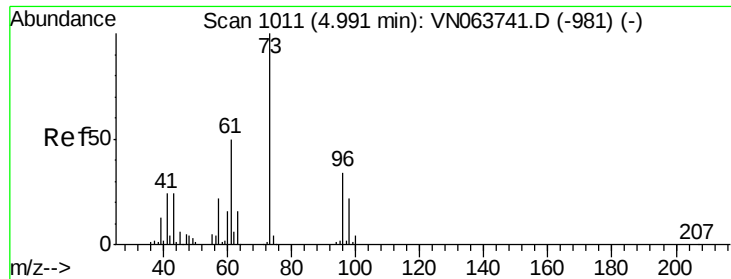
MMDadoda
10/1/2020 2:39:42 PM



#18
Methyl Acetate
Concen: 1.147 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	6.6	17.4	26.2#





#19

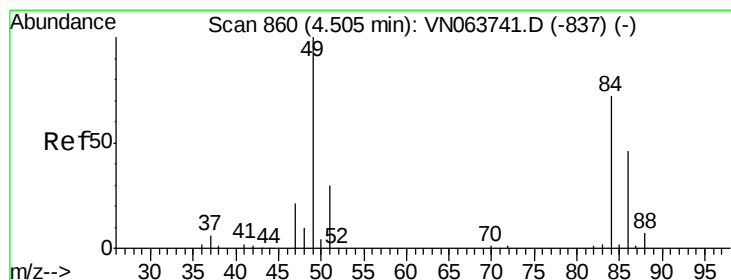
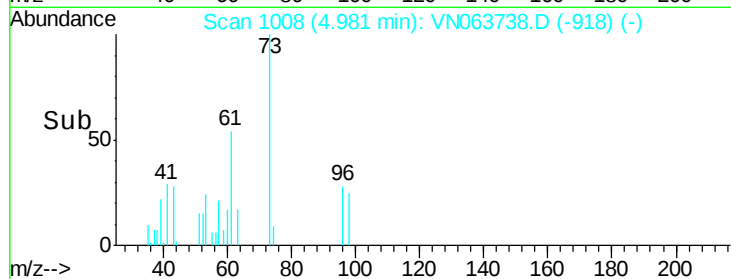
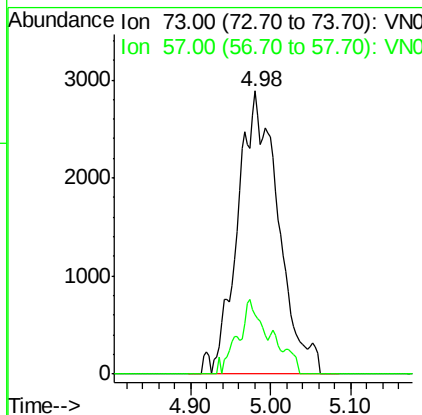
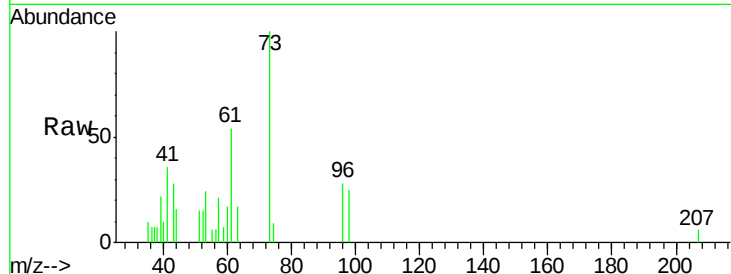
Methyl tert-butyl Ether
 Concen: 0.927 ug/l m
 RT: 4.98 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 73 Resp: 10237
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.6 26.4

Manual Integrations
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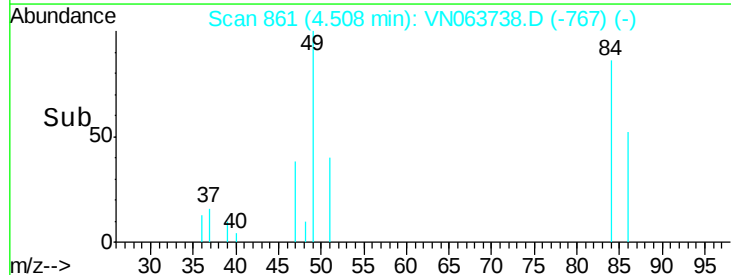
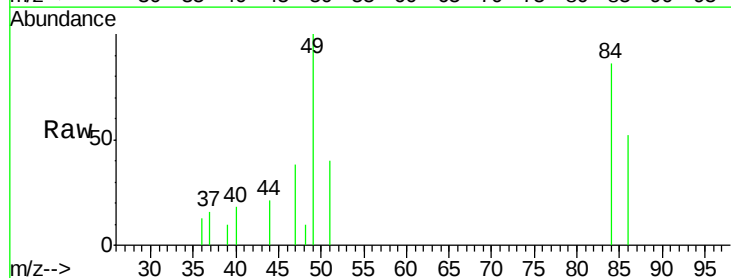
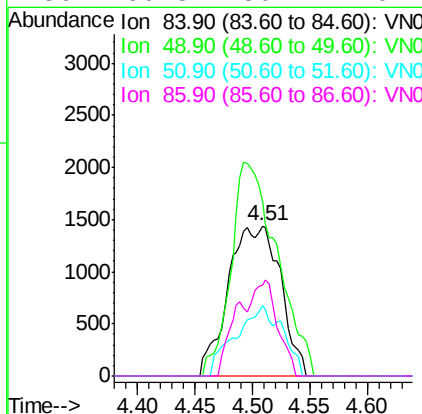
MMDadoda
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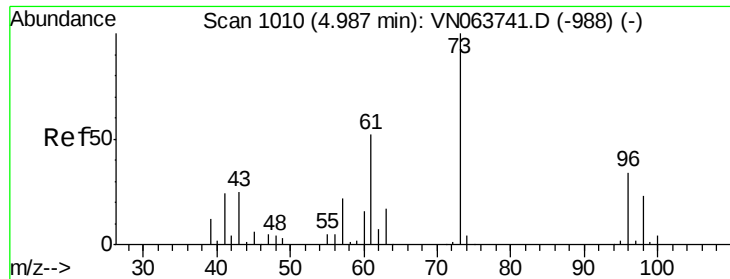


#20

Methylene Chloride
 Concen: 1.248 ug/l m
 RT: 4.51 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 84 Resp: 4550
 Ion Ratio Lower Upper
 84 100
 49 116.2 110.4 165.6
 51 46.7 33.3 49.9
 86 60.8 50.7 76.1





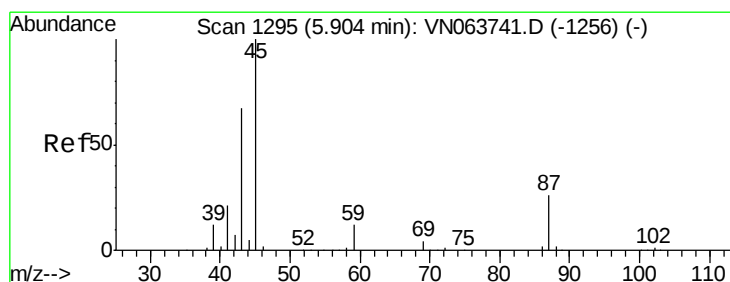
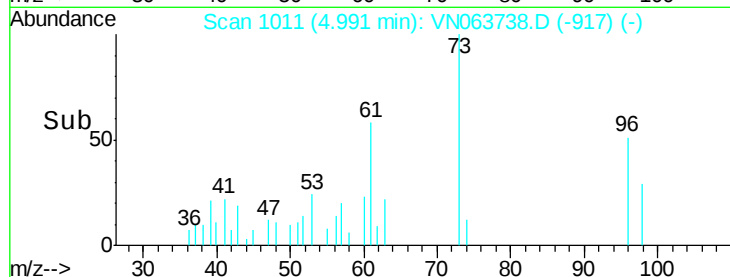
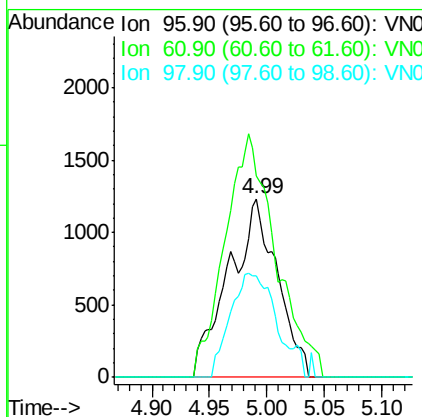
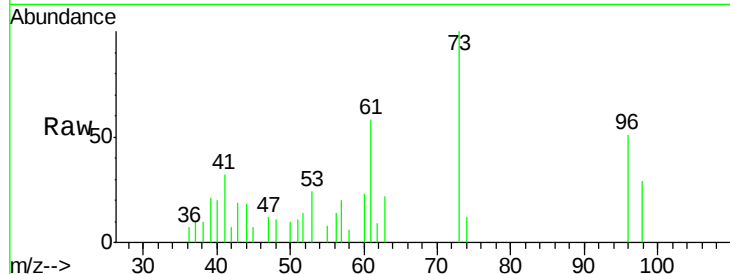
#21
trans-1,2-Dichloroethene
Concen: 1.098 ug/l m
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	113.1	120.2	180.2#
98	57.2	52.6	79.0

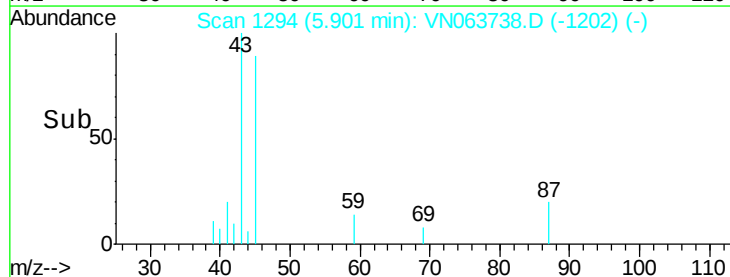
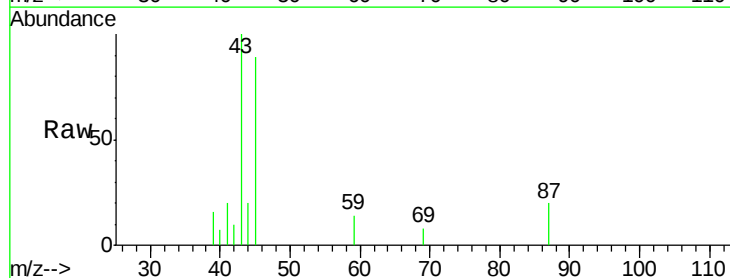
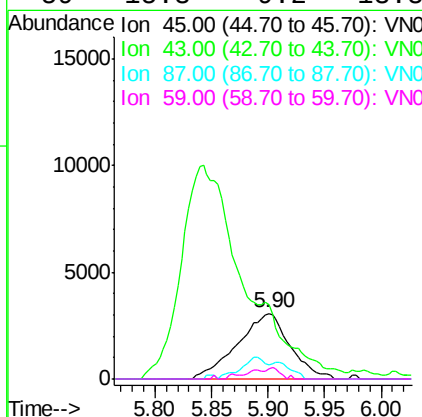
Manual Integrations
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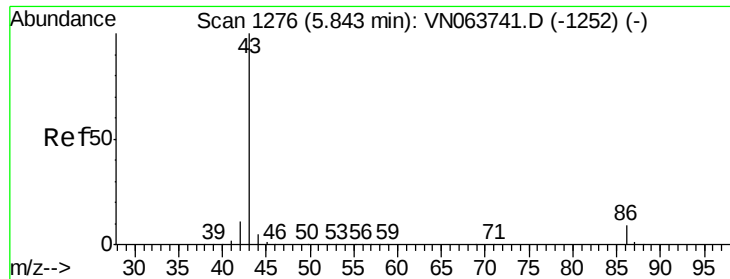
MMDadoda
10/1/2020 2:39:42 PM



#22
Diisopropyl ether
Concen: 0.831 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	98.0	53.7	80.5#
87	22.1	21.1	31.7
59	15.3	9.2	13.8#





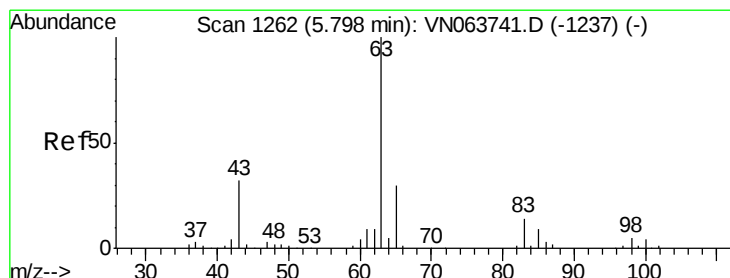
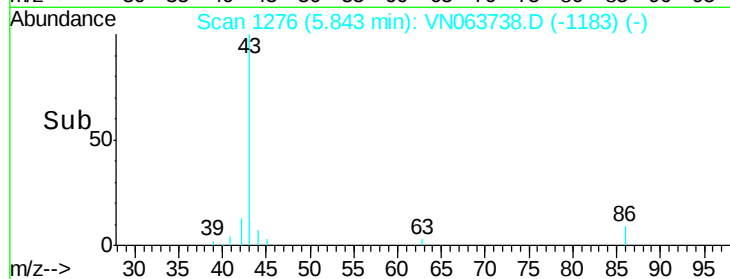
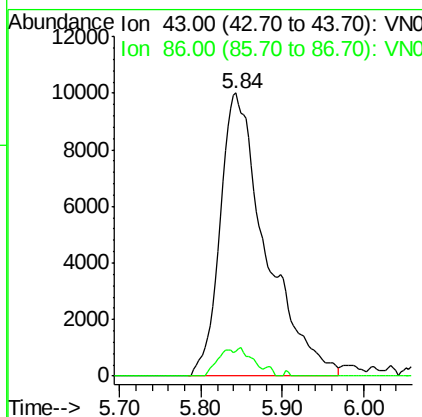
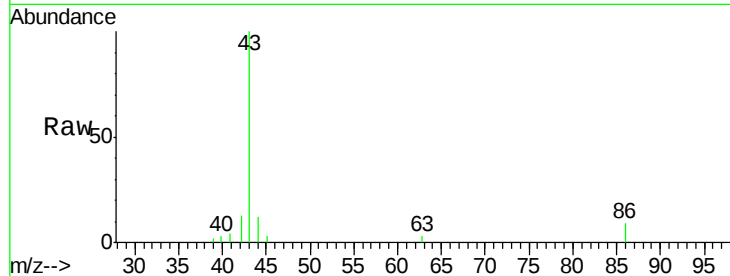
#23
 Vinyl Acetate
 Concen: 4.034 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	39411
Ion Ratio	100	Lower	Upper
43	100		
86	8.6	7.3	10.9

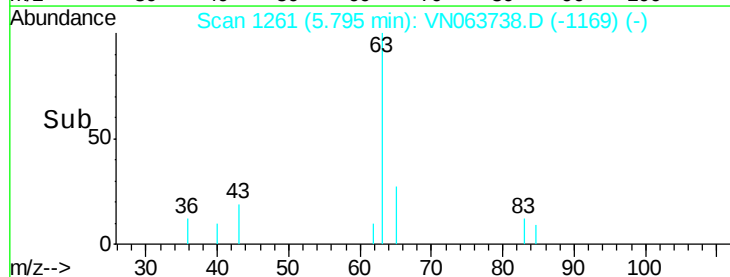
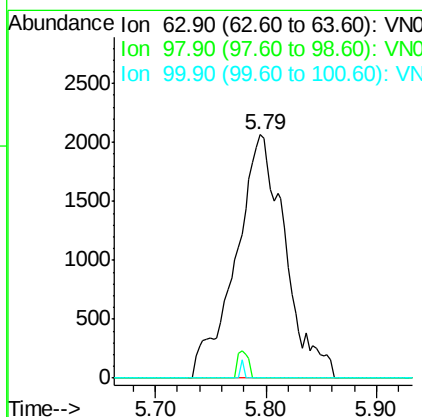
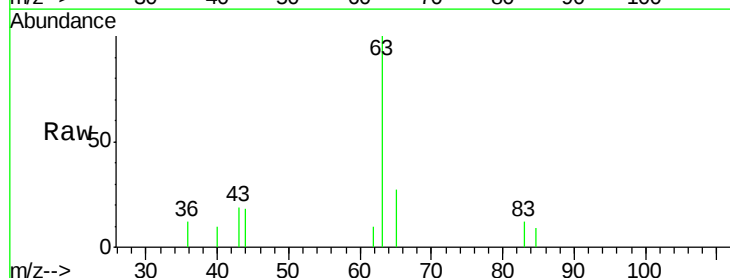
Manual Integrations
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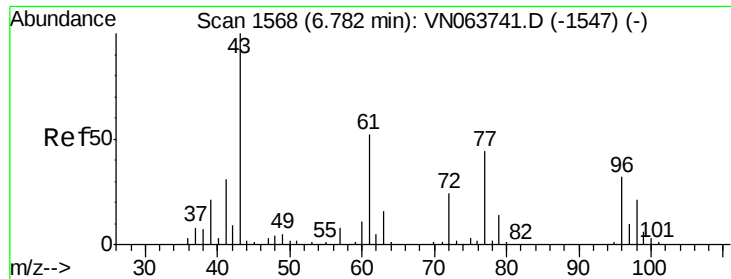
MMDadoda
 10/1/2020 2:39:42 PM



#24
 1,1-Dichloroethane
 Concen: 0.985 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	63	Resp	6415
Ion Ratio	100	Lower	Upper
63	100		
98	0.0	2.7	8.1#
100	0.0	1.9	5.7#





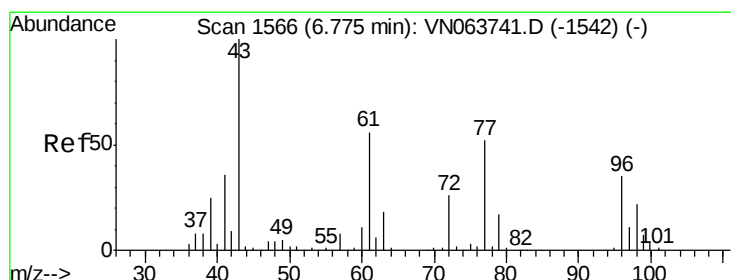
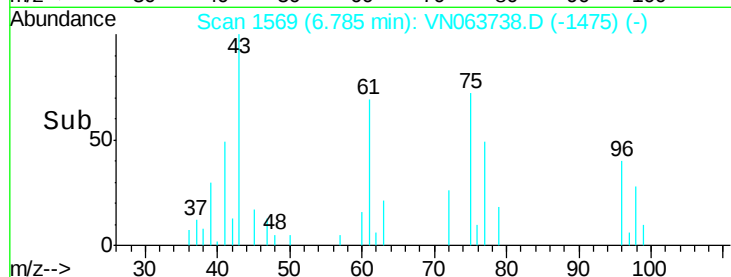
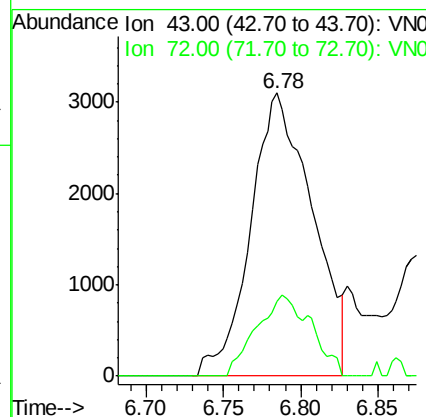
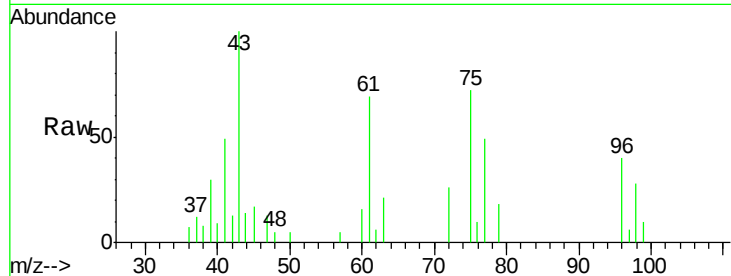
#25
2-Butanone
Concen: 3.910 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 8637
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9

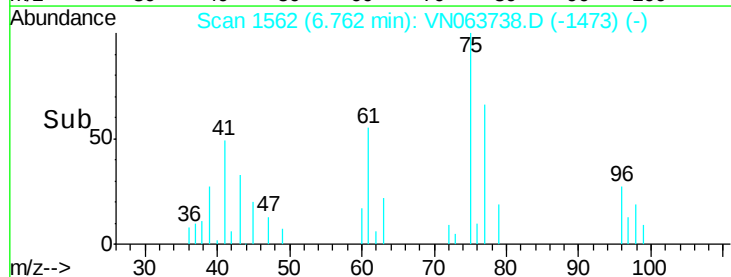
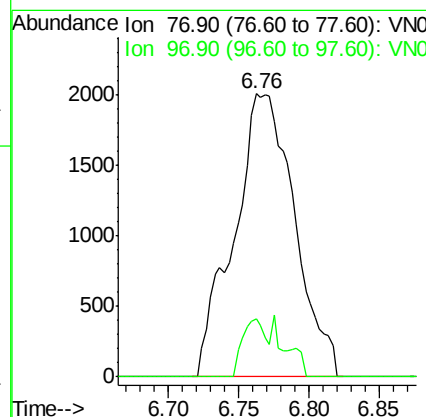
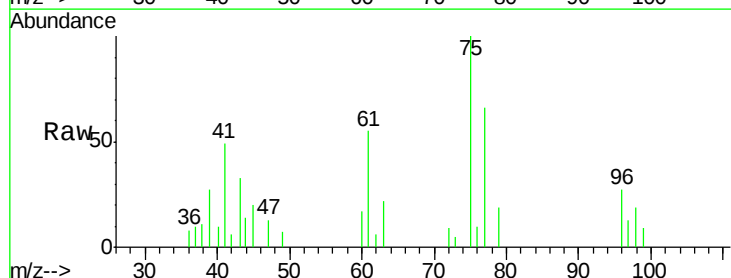
Manual Integrations
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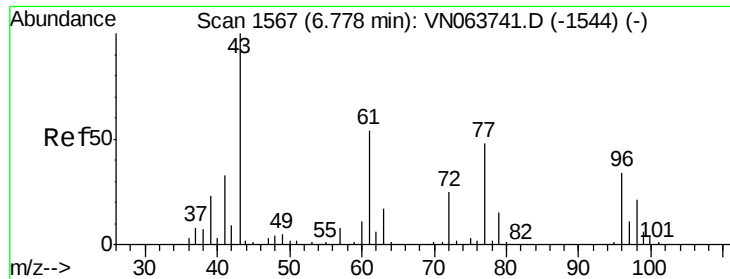
MMDadoda
10/1/2020 2:39:42 PM



#26
2,2-Dichloropropane
Concen: 1.044 ug/l
RT: 6.76 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 77 Resp: 6036
Ion Ratio Lower Upper
77 100
97 8.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 1.034 ug/l m

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

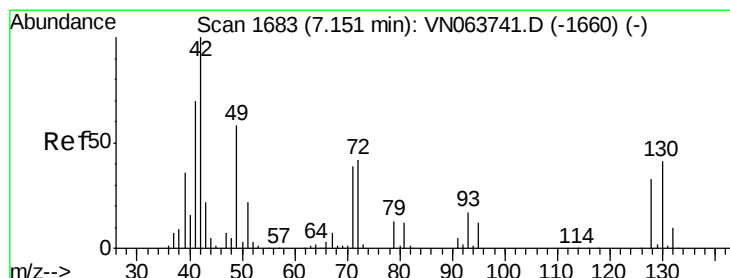
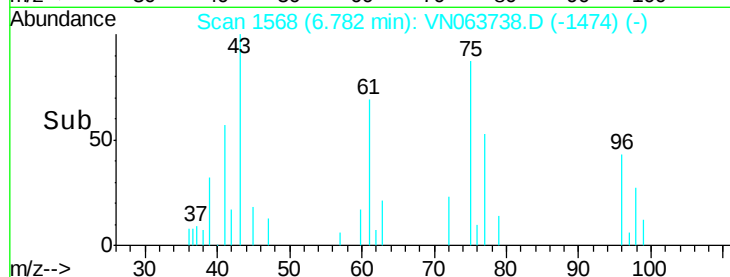
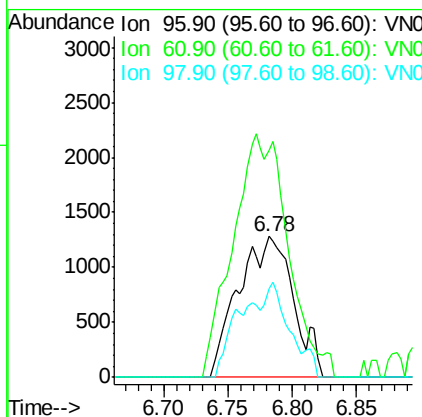
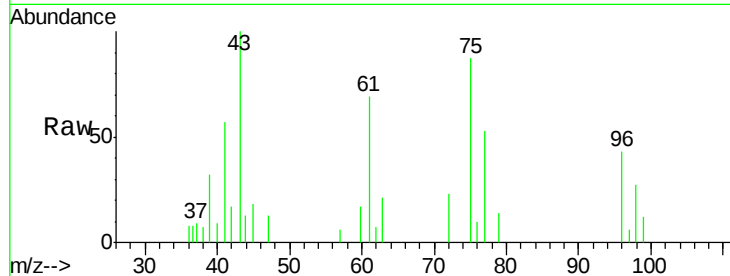
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	3834
Ion	Ratio	Lower	Upper
96	100		
61	99.8	0.0	321.2
98	28.3	0.0	124.4

Manual Integrations
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10/1/2020 2:39:42 PM



#28

Bromochloromethane

Concen: 0.739 ug/l m

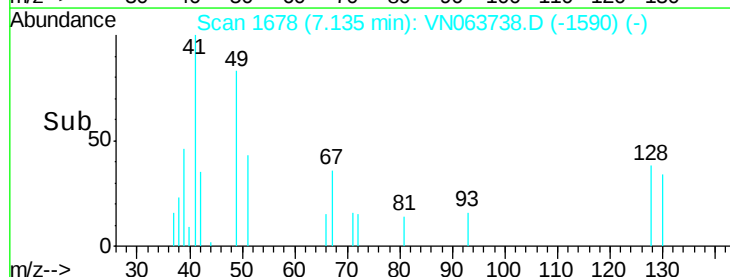
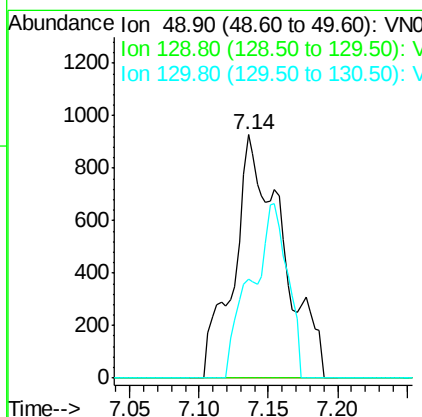
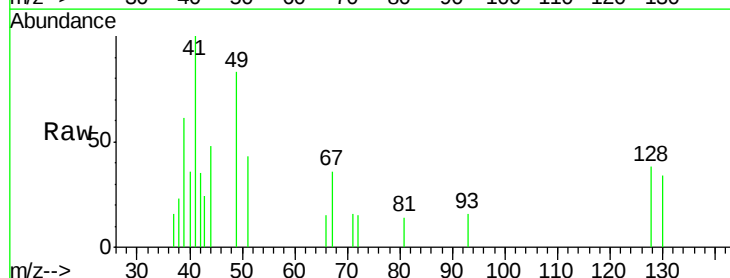
RT: 7.14 min Scan# 1678

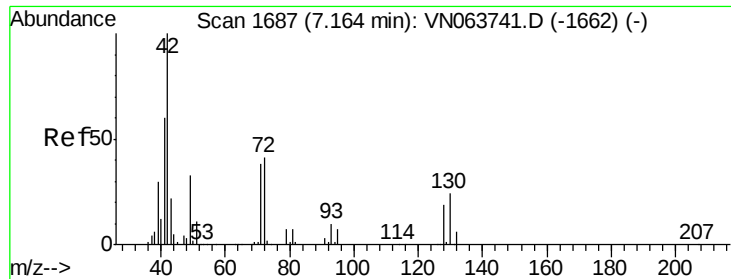
Delta R.T. -0.02 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	49	Resp:	2272
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	53.8	55.6	83.4#





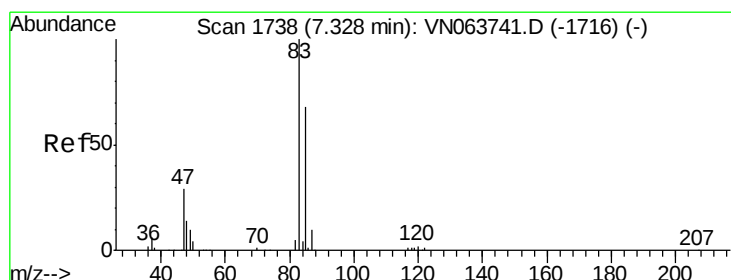
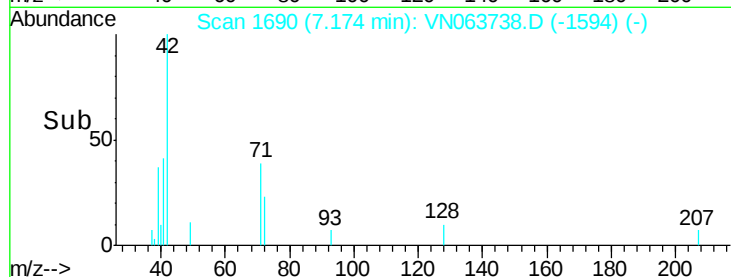
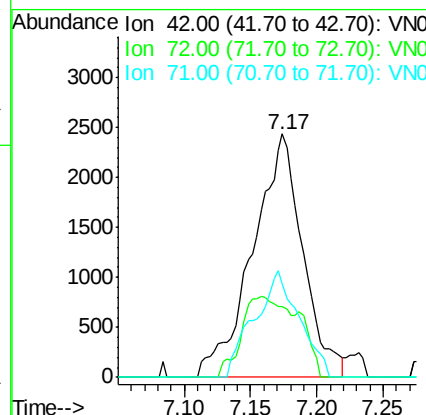
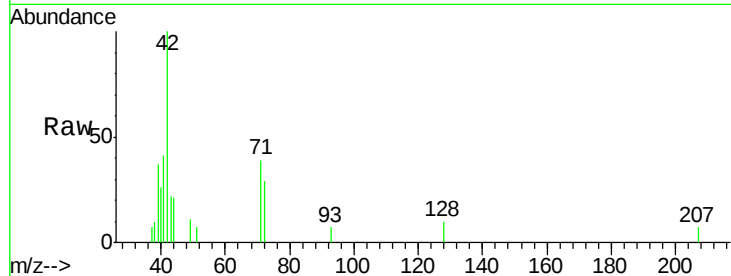
#29
Tetrahydrofuran
Concen: 4.251 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.8	49.2
71	39.3	30.6	45.8

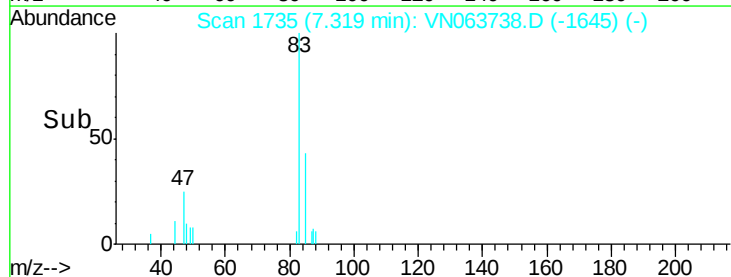
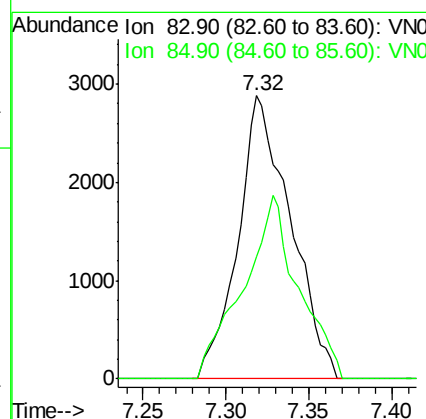
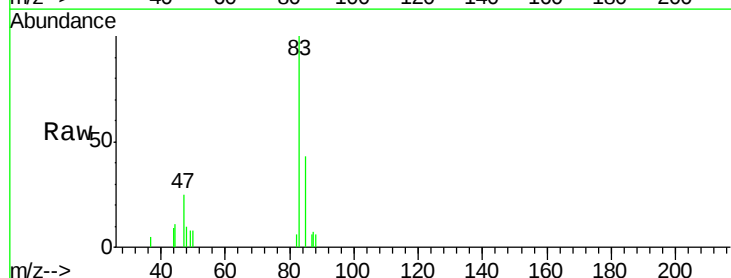
Manual Integrations
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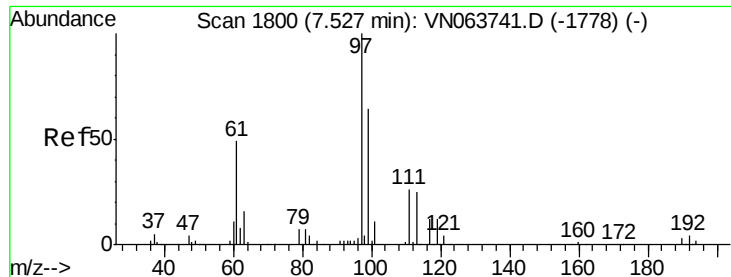
MMDadoda
10/1/2020 2:39:42 PM



#30
Chloroform
Concen: 0.965 ug/l
RT: 7.32 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	43.0	54.6	82.0#





#32

1,1,1-Trichloroethane

Concen: 0.938 ug/l m

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

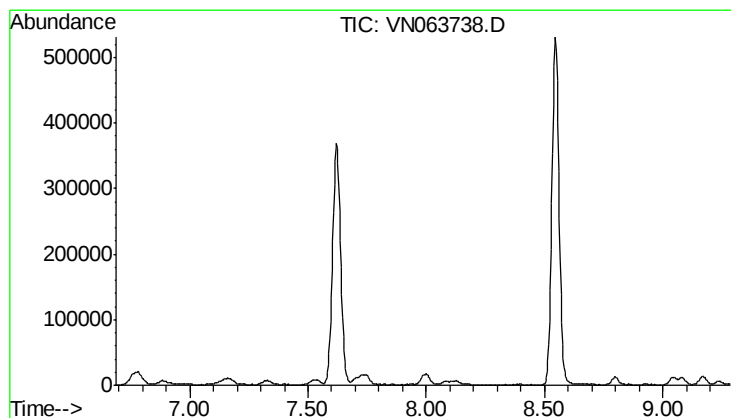
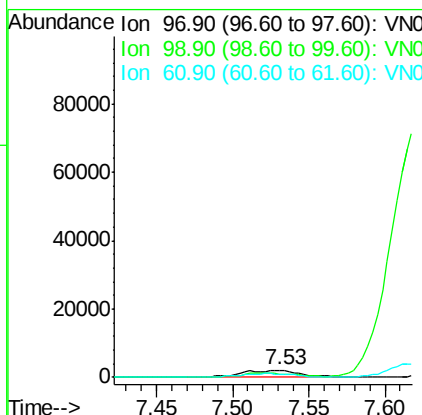
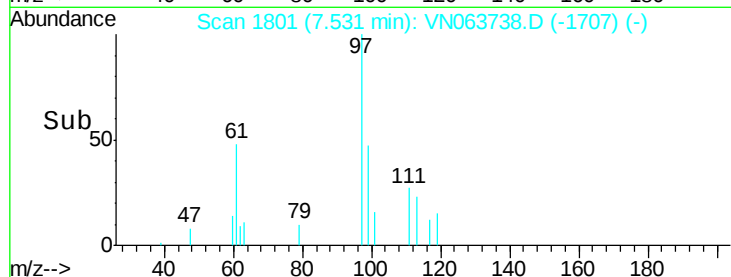
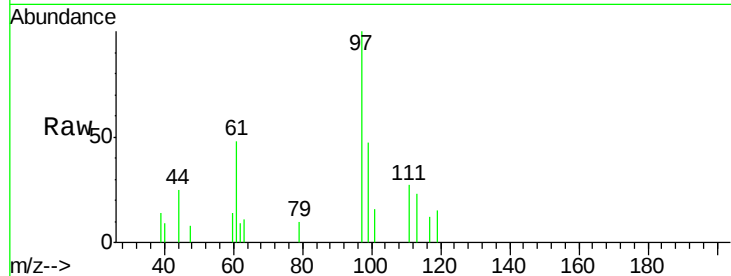
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5525
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.0	76.6#
61	49.0	38.7	58.1

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN063738.D

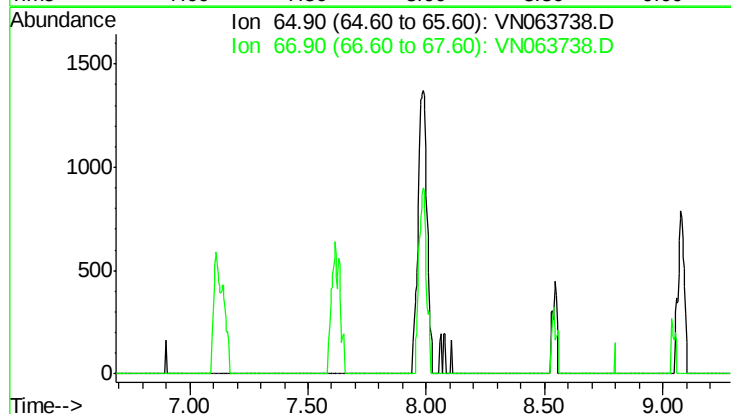
Acq: 30 Sep 2020 9:48

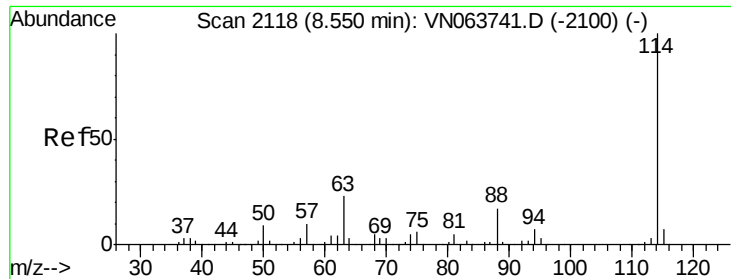
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.8





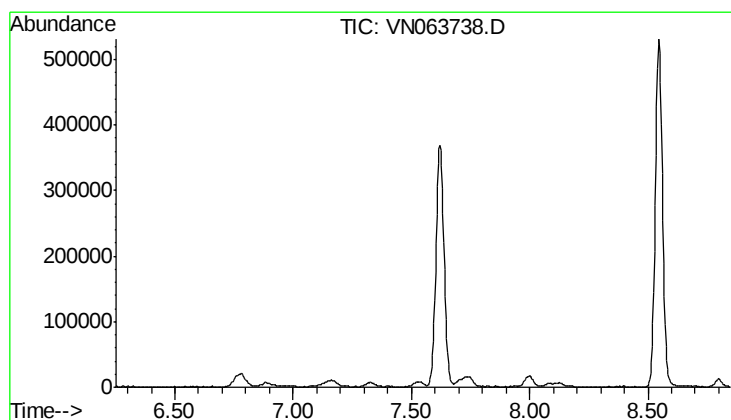
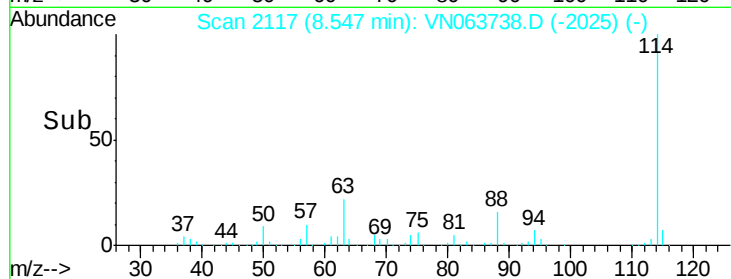
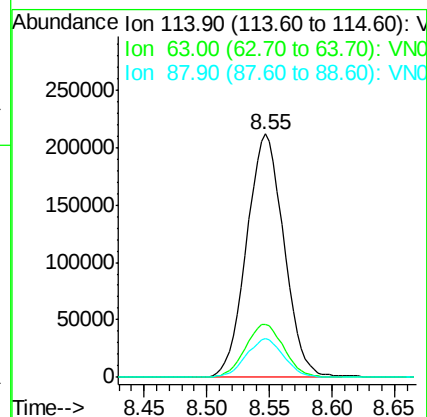
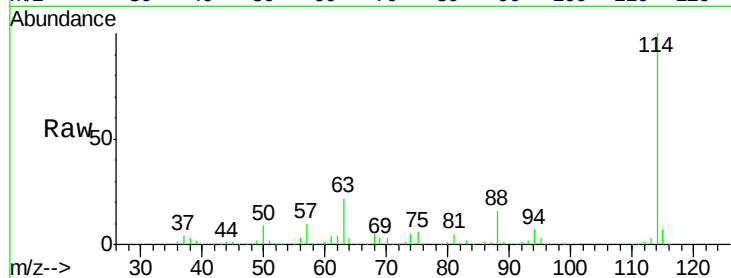
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.0	0.0	45.0
88	15.9	0.0	34.0

Manual Integrations
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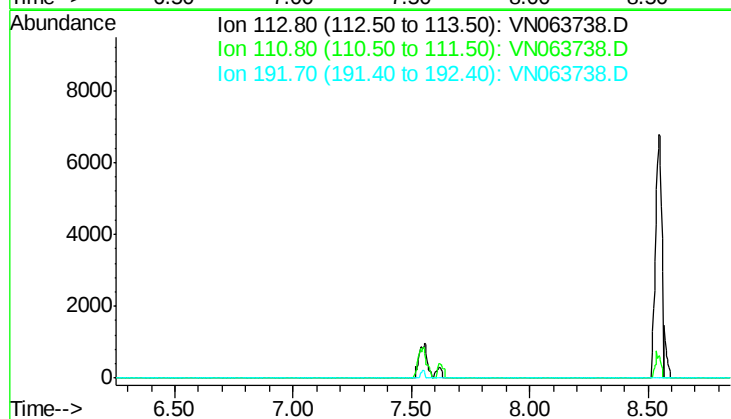
MMDadoda
 10/1/2020 2:39:42 PM

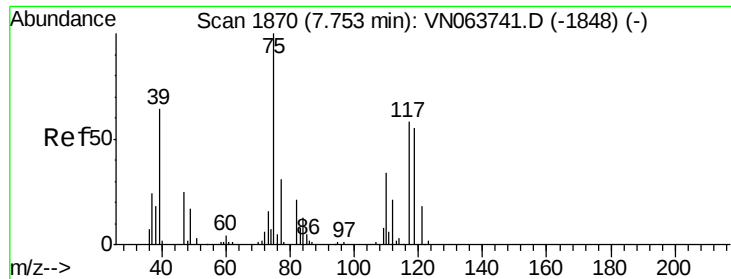


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min

Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Exp Ratio
113	100
111	102.3
192	17.7





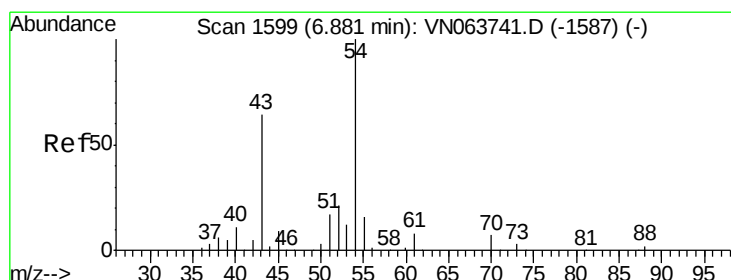
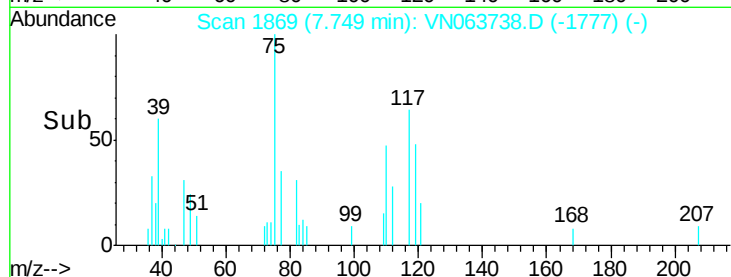
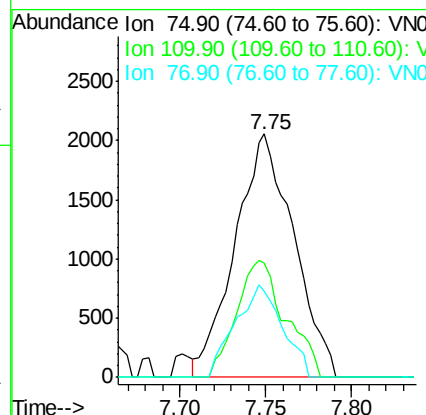
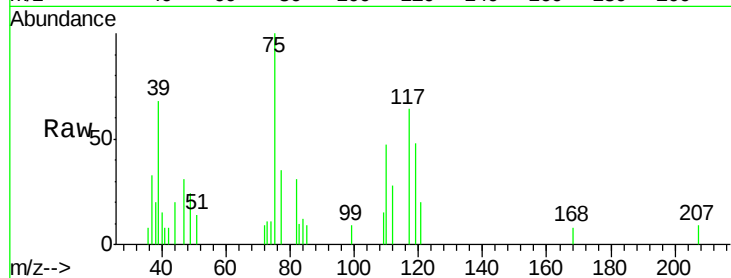
#36
 1,1-Dichloropropene
 Concen: 1.061 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	40.3	16.9	50.6
77	30.4	24.5	36.7

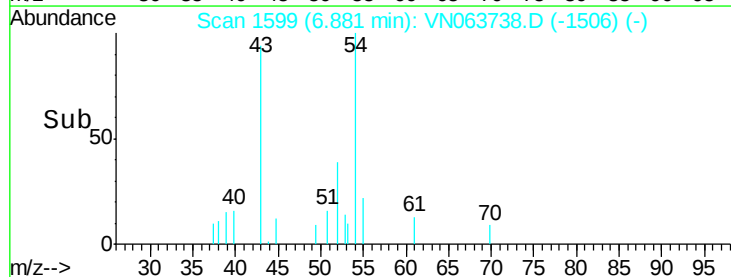
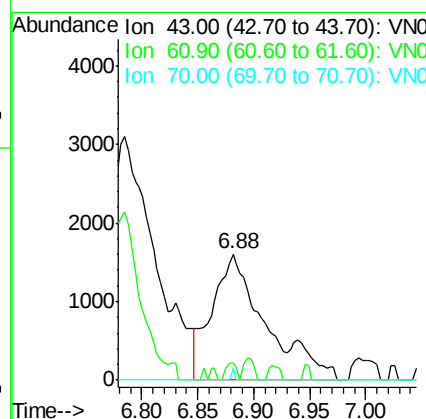
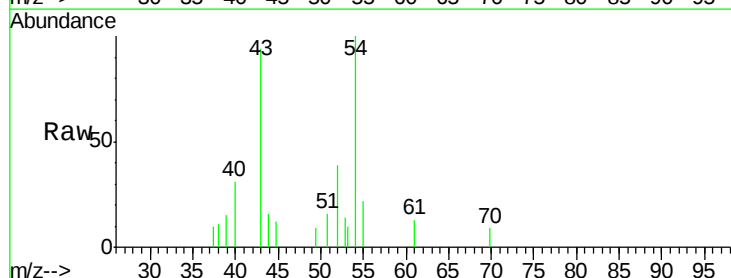
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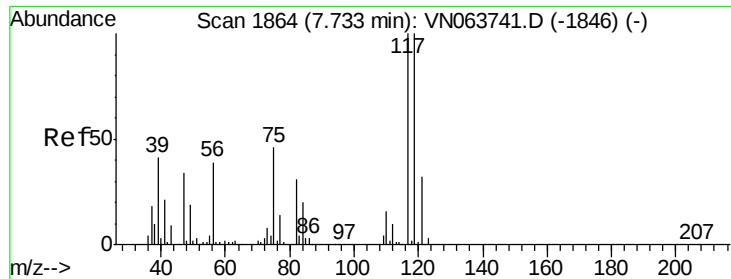
MMDadoda
 10/1/2020 2:39:42 PM



#37
 Ethyl Acetate
 Concen: 1.195 ug/l m
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2.7	10.4	15.6#
70	0.6	7.3	10.9#





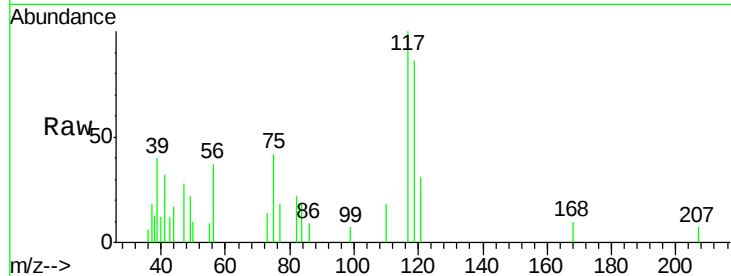
#38
Carbon Tetrachloride
Concen: 1.267 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	86.0	80.1	120.1
121	30.9	25.7	38.5

Manual Integrations
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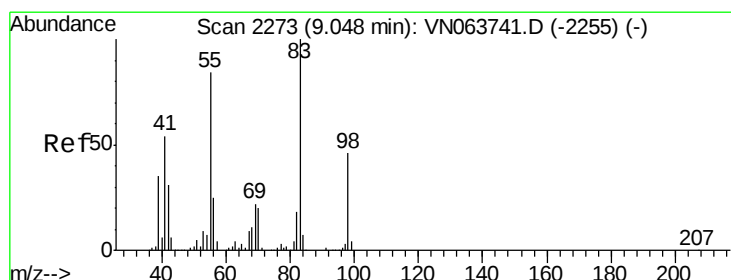
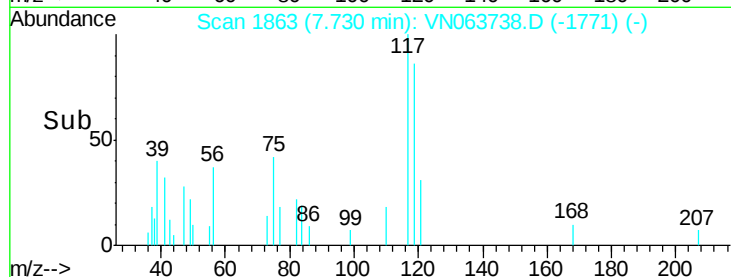
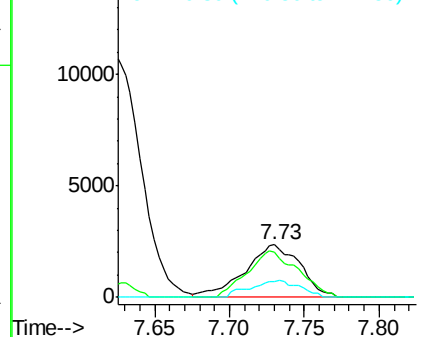


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.890 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

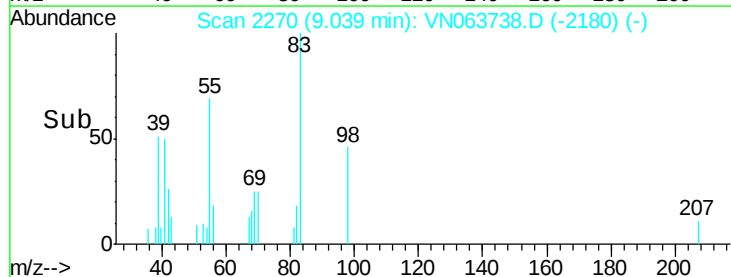
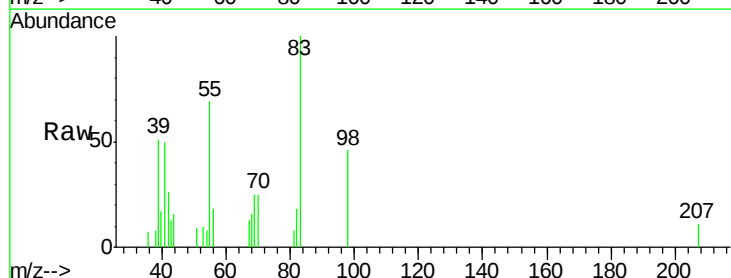
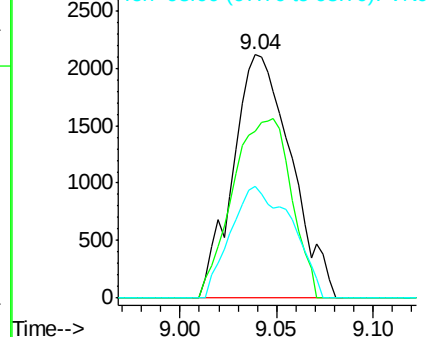
Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.7	67.1	100.7
98	46.1	36.6	54.8

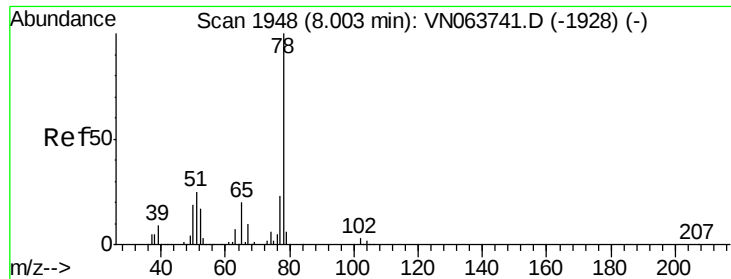
Abundance

Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 1.041 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 13678

Ion Ratio Lower Upper

78 100

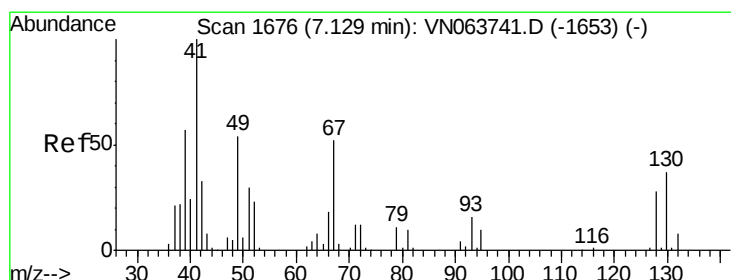
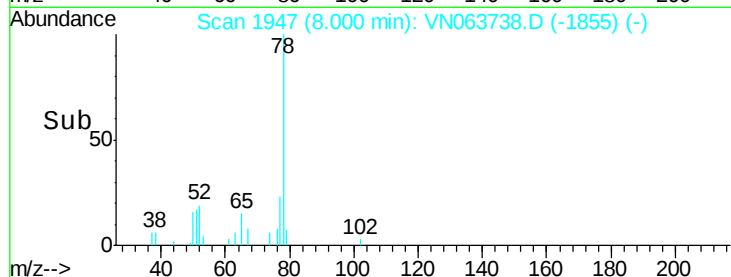
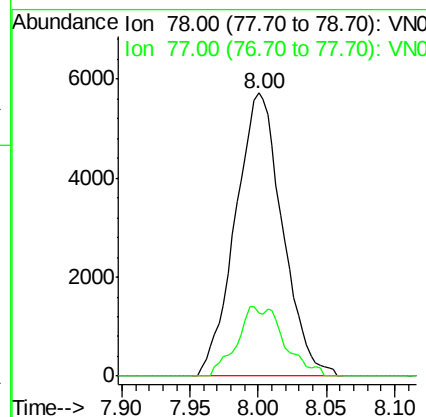
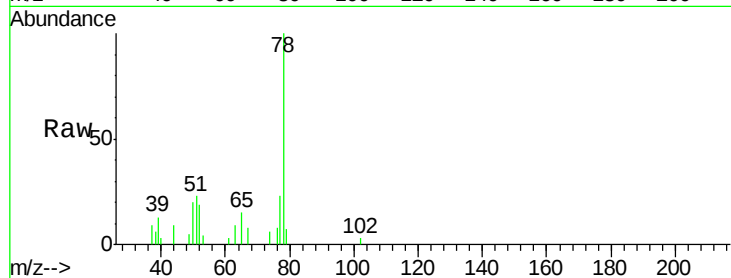
77 22.5 18.7 28.1

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#41

Methacrylonitrile

Concen: 1.066 ug/l

RT: 7.13 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion: 41 Resp: 2197

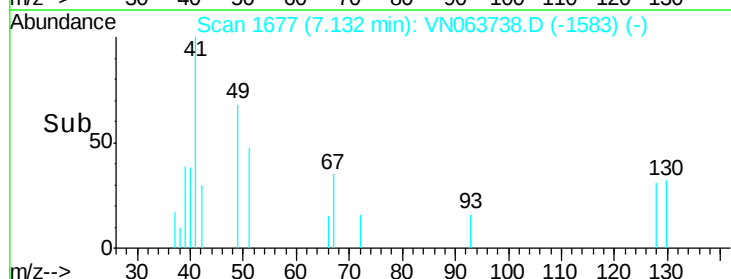
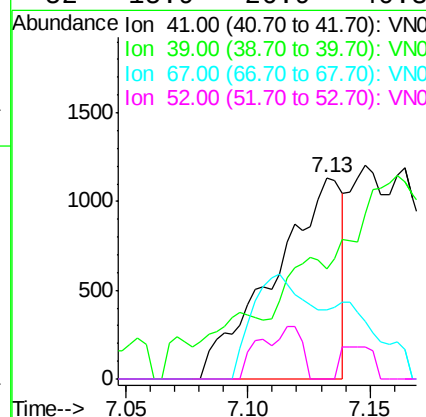
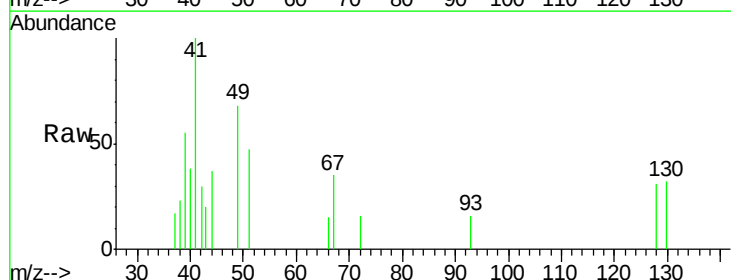
Ion Ratio Lower Upper

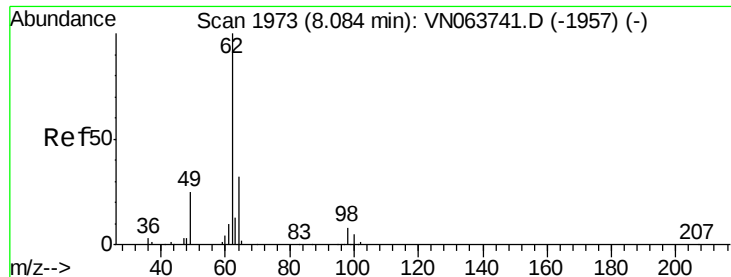
41 100

39 30.2 42.5 63.7#

67 46.4 57.4 86.2#

52 15.9 26.9 40.3#





#42

1,2-Dichloroethane

Concen: 1.139 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 62 Resp: 6074

Ion Ratio Lower Upper

62 100

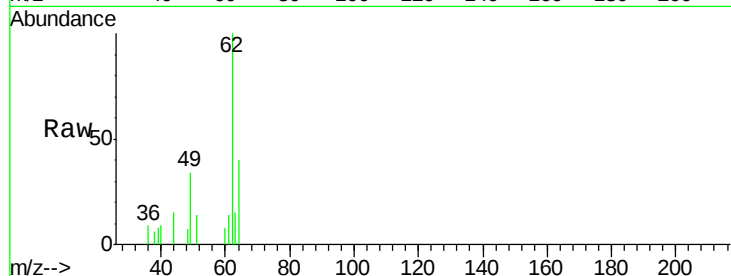
98 1.0 0.0 15.0

Manual Integrations

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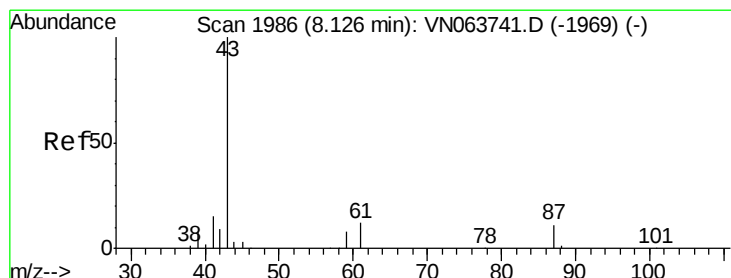
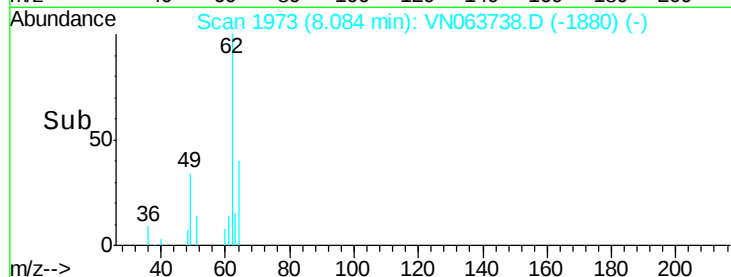
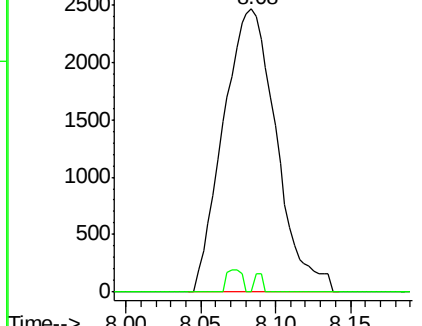
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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.878 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

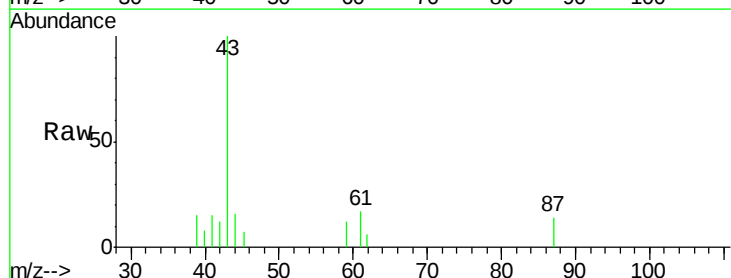
Tgt Ion: 43 Resp: 7075

Ion Ratio Lower Upper

43 100

61 11.6 14.2 21.4#

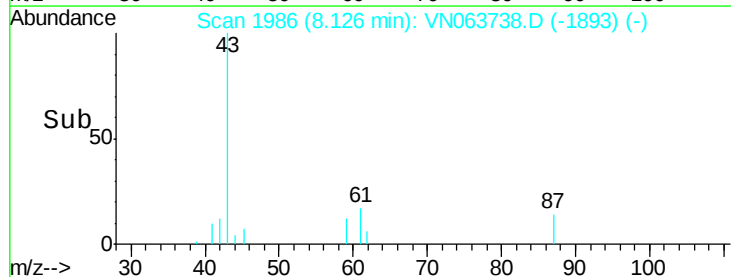
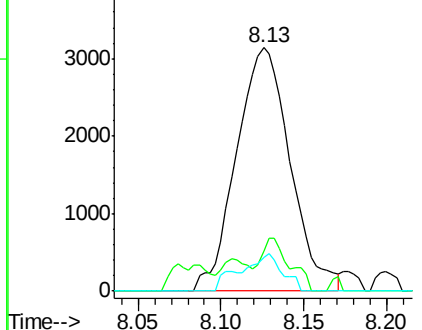
87 9.2 9.0 13.6

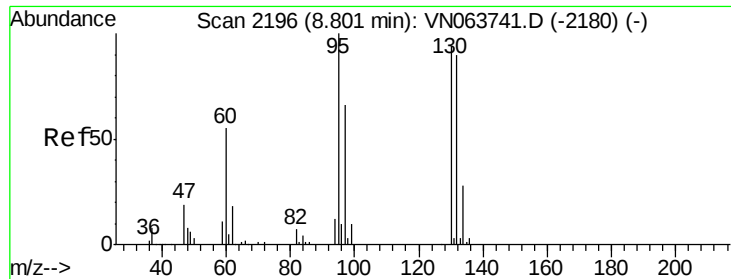


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 1.219 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3931

Ion Ratio Lower Upper

130 100

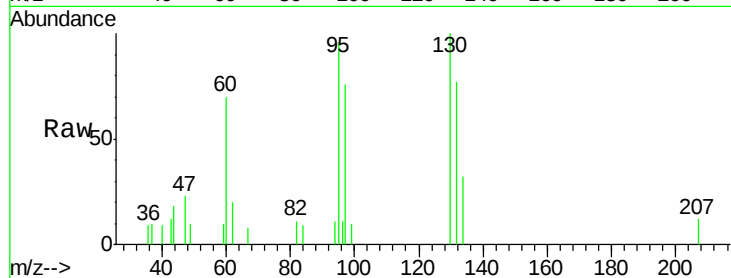
95 95.5 0.0 213.6

Manual Integrations

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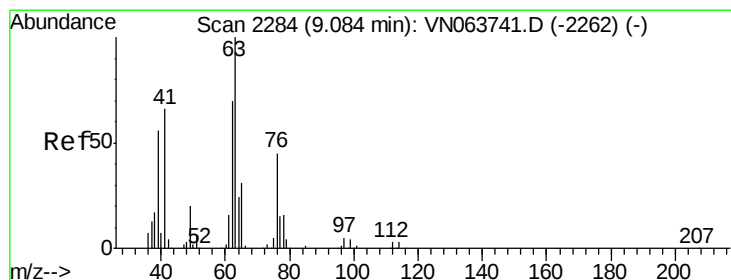
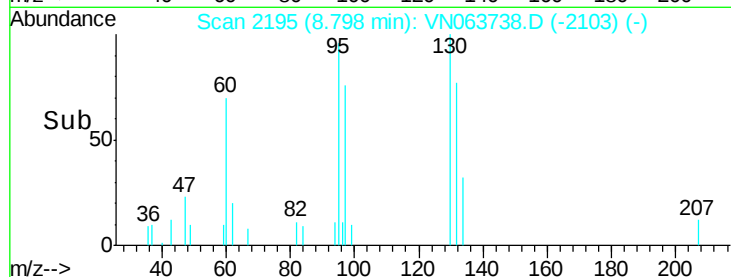
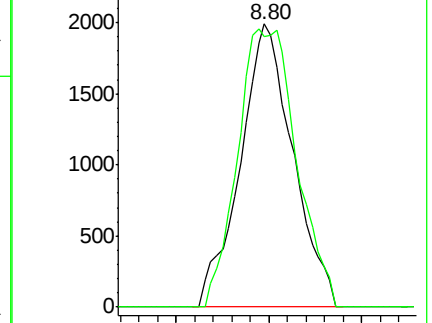
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 1.071 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063738.D

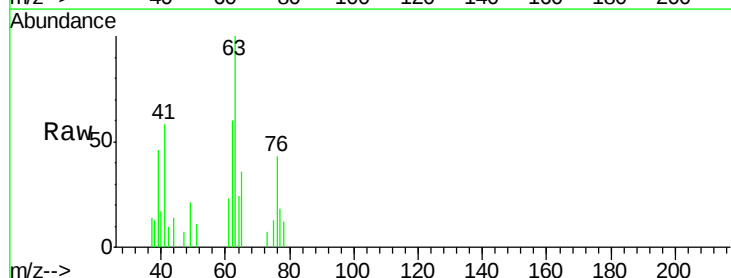
Acq: 30 Sep 2020 9:48

Tgt Ion: 63 Resp: 3827

Ion Ratio Lower Upper

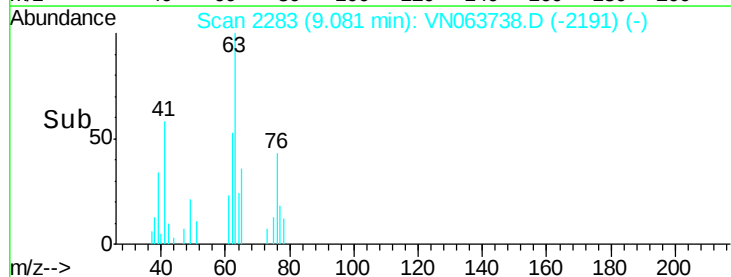
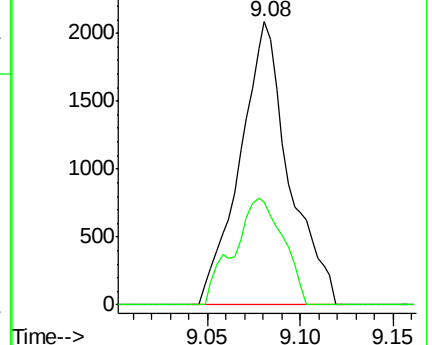
63 100

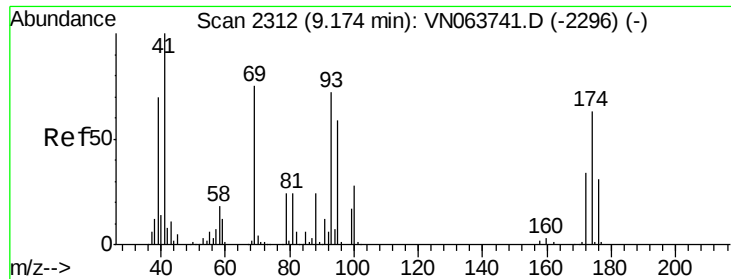
65 36.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





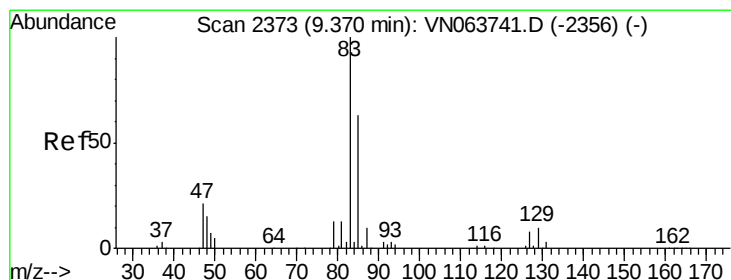
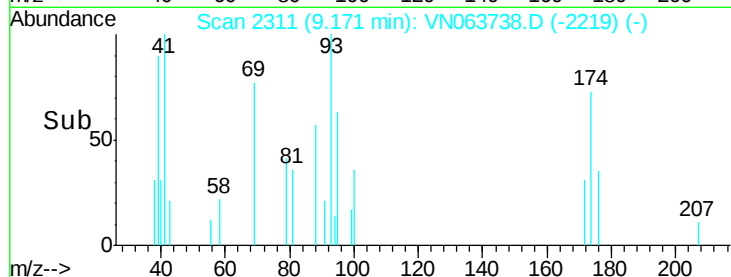
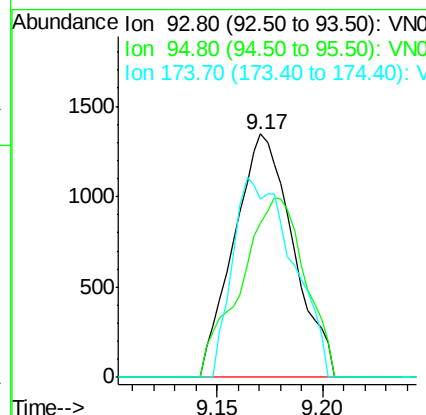
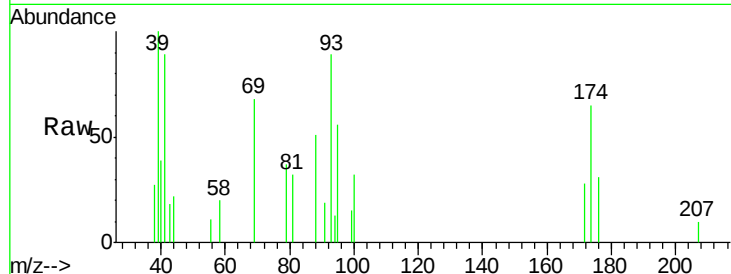
#46
Dibromomethane
Concen: 1.111 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2623
Ion Ratio Lower Upper
93 100
95 80.0 66.3 99.5
174 82.7 72.7 109.1

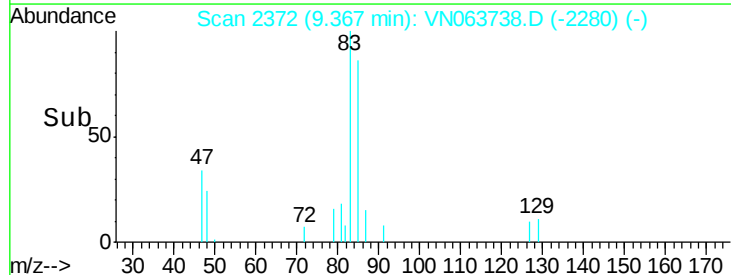
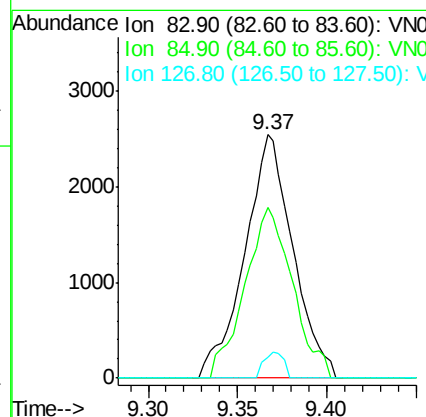
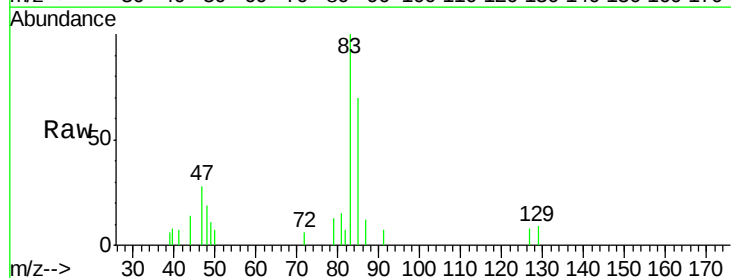
Manual Integrations
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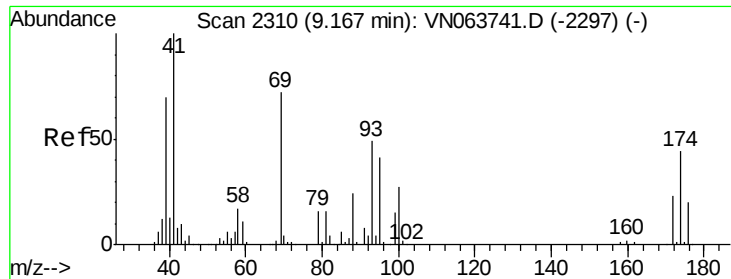
MMDadoda
10/1/2020 2:39:42 PM



#47
Bromodichloromethane
Concen: 0.975 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 83 Resp: 4805
Ion Ratio Lower Upper
83 100
85 70.0 50.6 75.8
127 8.4 6.6 9.8





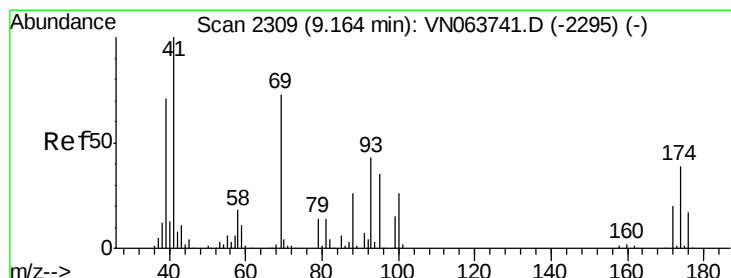
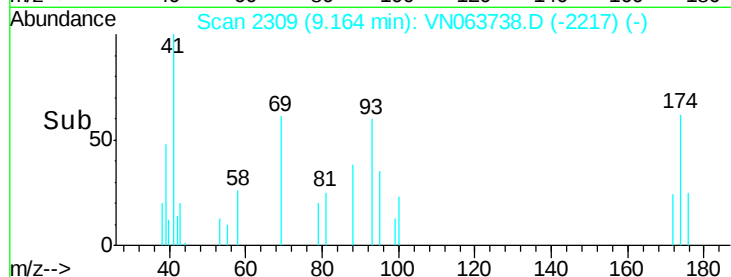
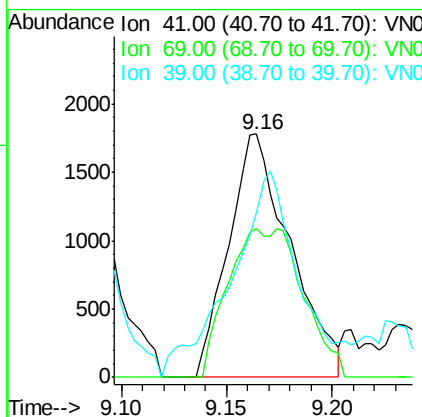
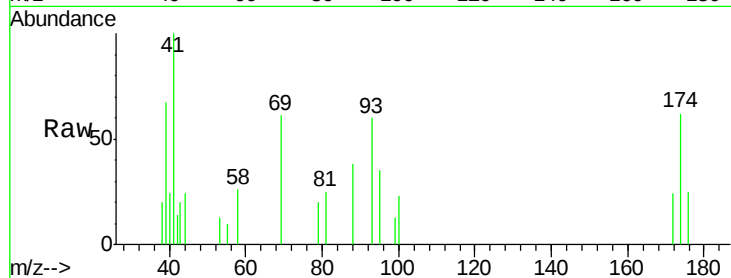
#48
Methvl methacrylate
Concen: 0.913 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	37.4	60.9	91.3#
39	91.3	57.5	86.3#

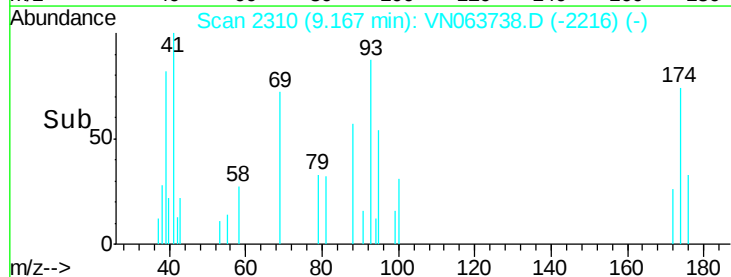
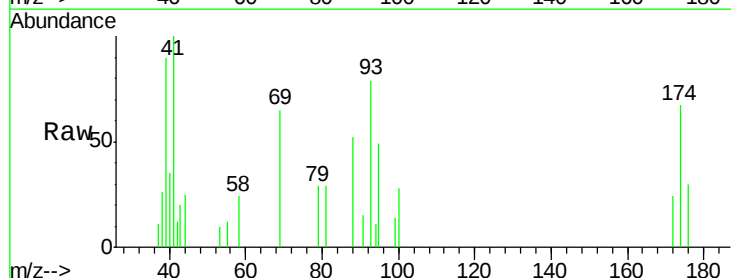
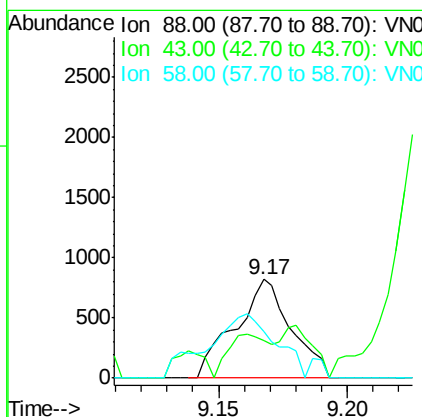
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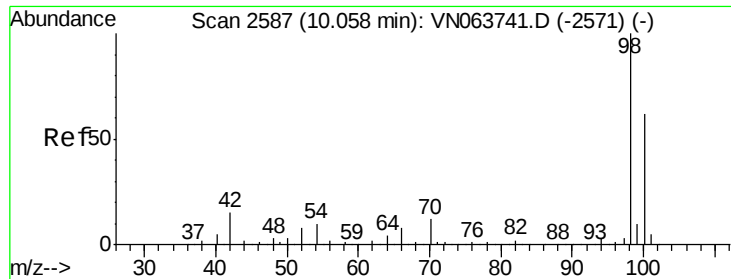
MMDadoda
10/1/2020 2:39:42 PM



#49
1,4-Dioxane
Concen: 21.976 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	33.1	49.7#
58	78.0	58.9	88.3





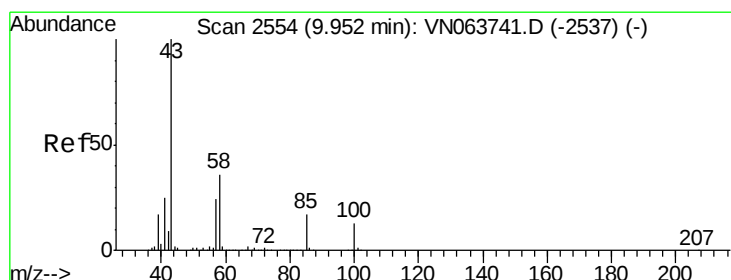
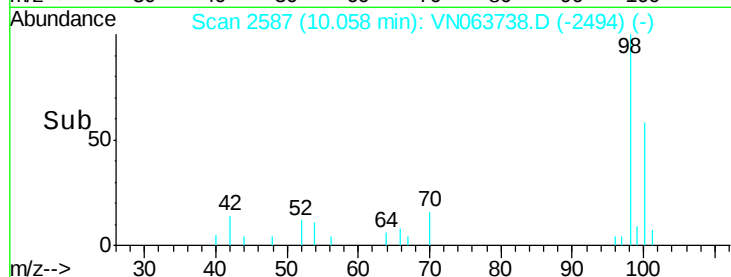
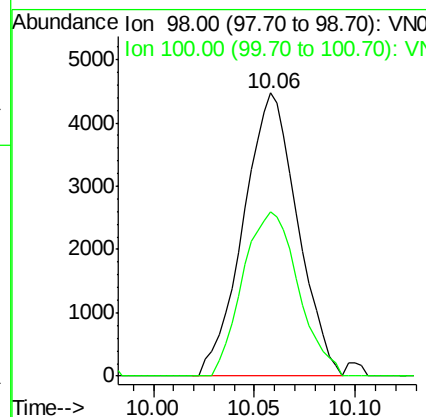
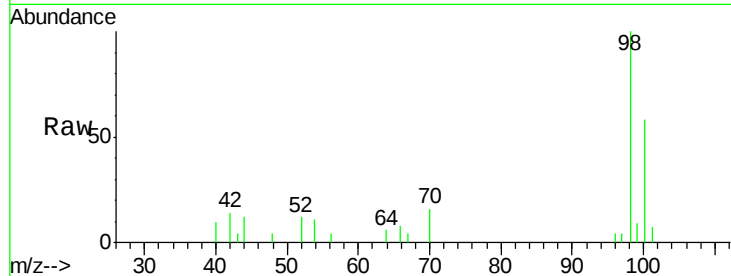
#50
Toluene-d8
Concen: 0.736 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 98 Resp: 8378
Ion Ratio Lower Upper
98 100
100 59.6 49.8 74.6

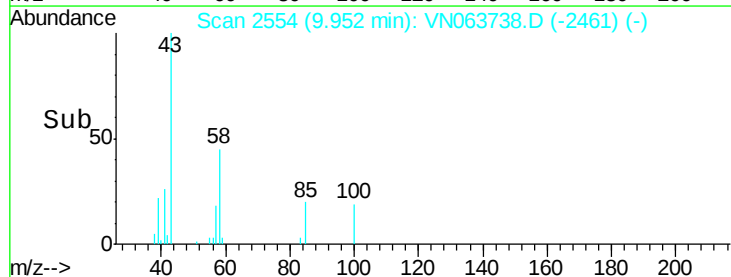
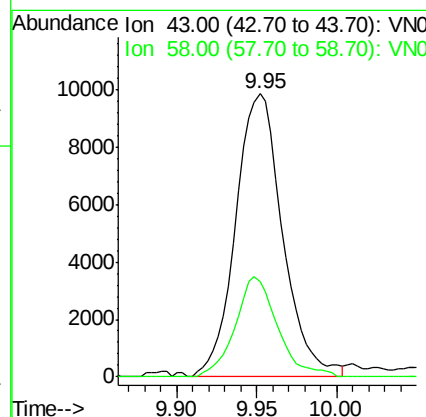
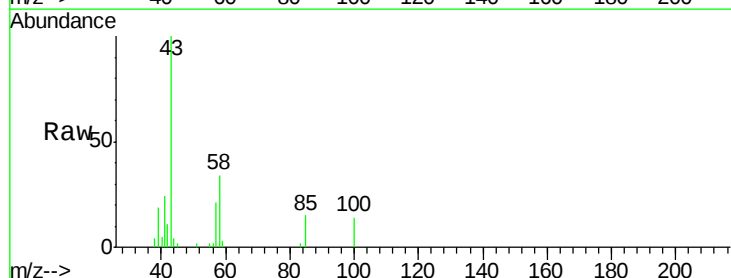
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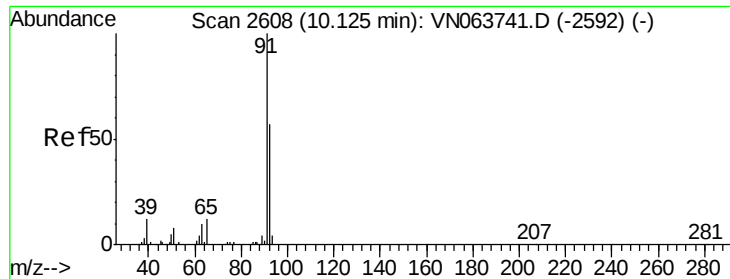
MMDadoda
10/1/2020 2:39:42 PM



#51
4-Methyl-2-Pentanone
Concen: 4.350 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion: 43 Resp: 19791
Ion Ratio Lower Upper
43 100
58 31.9 28.4 42.6





#52

Toluene

Concen: 0.961 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 7621

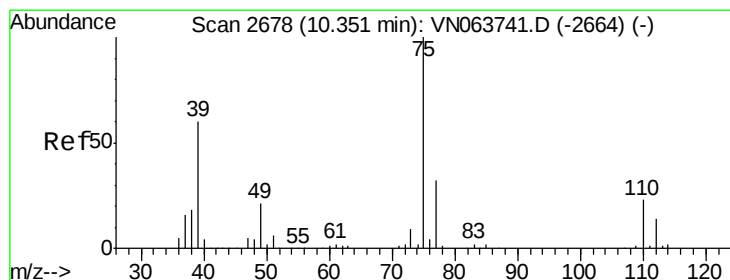
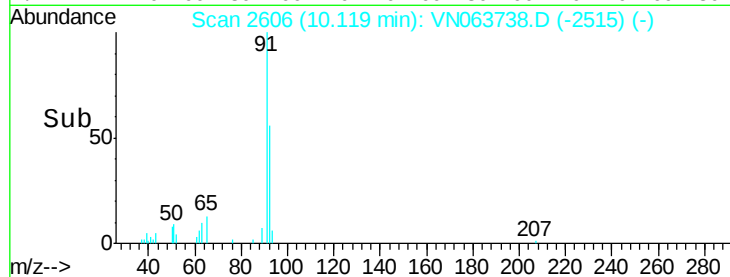
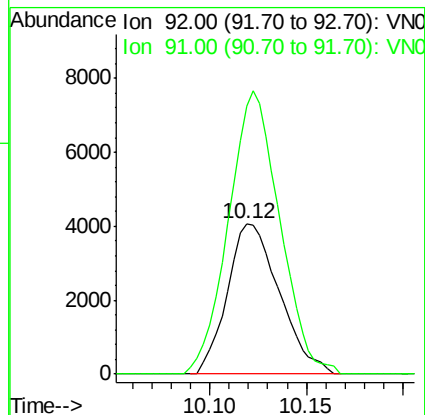
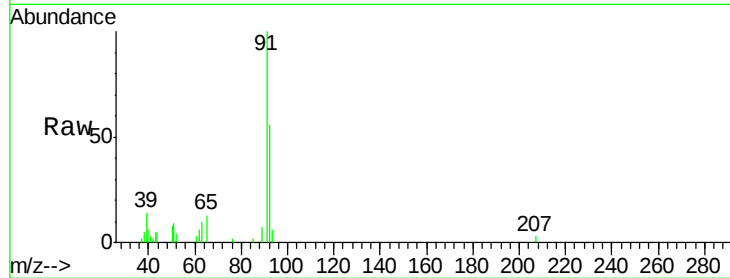
Ion Ratio Lower Upper

92 100

91 184.6 140.6 210.8

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10/1/2020 2:39:42 PM



#53

t-1,3-Dichloropropene

Concen: 0.880 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN063738.D

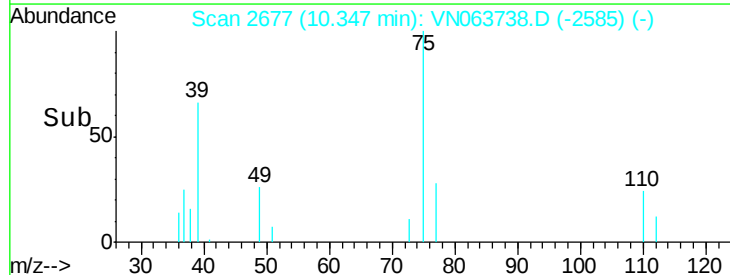
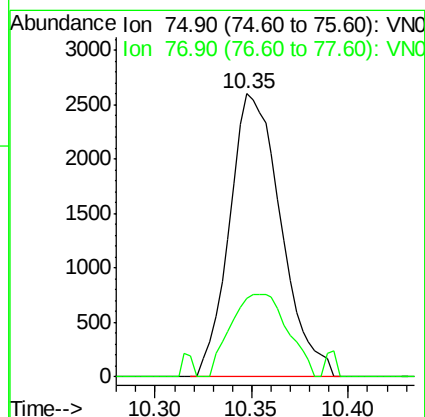
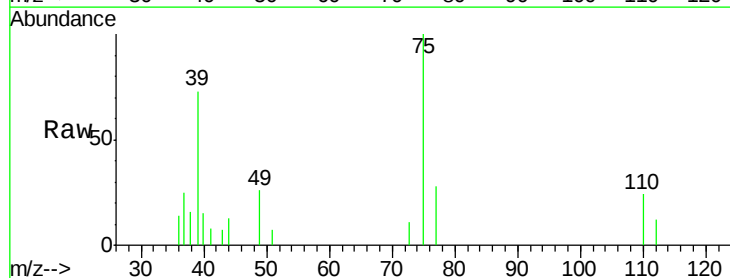
Acq: 30 Sep 2020 9:48

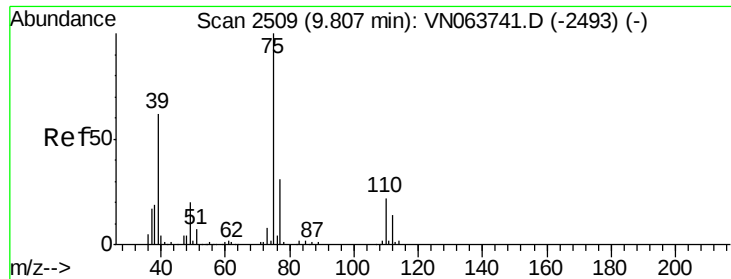
Tgt Ion: 75 Resp: 4816

Ion Ratio Lower Upper

75 100

77 27.9 25.3 37.9





#54

cis-1,3-Dichloropropene

Concen: 0.903 ug/l

RT: 9.80 min Scan# 2507

Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

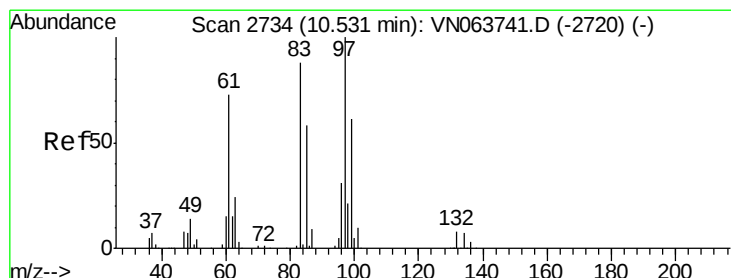
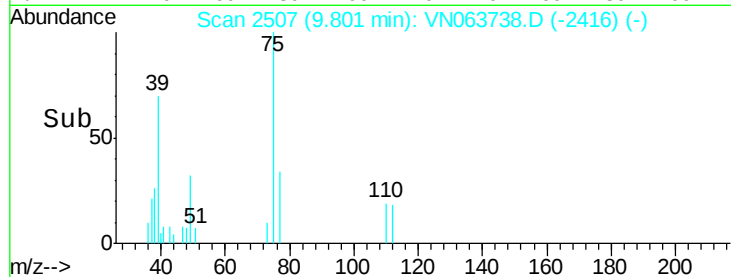
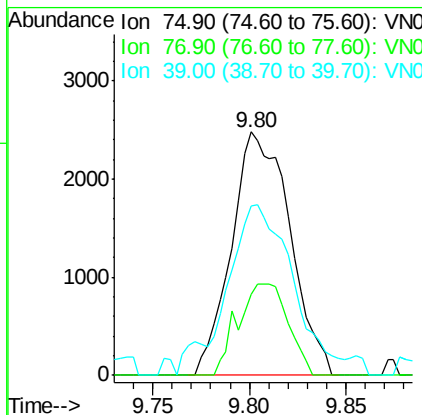
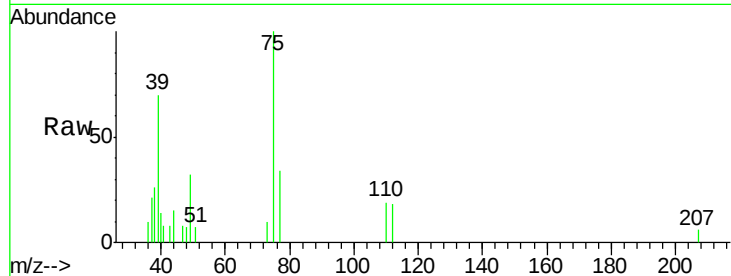
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5194
Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.6	36.8
39	62.7	49.7	74.5

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.010 ug/l

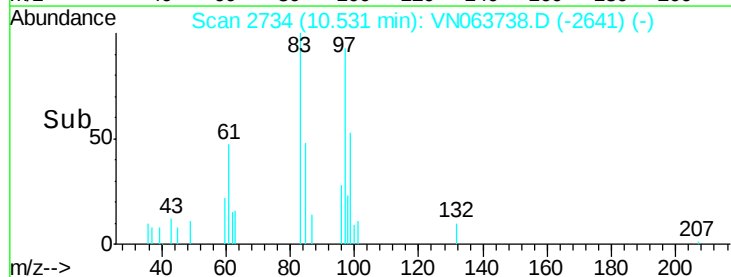
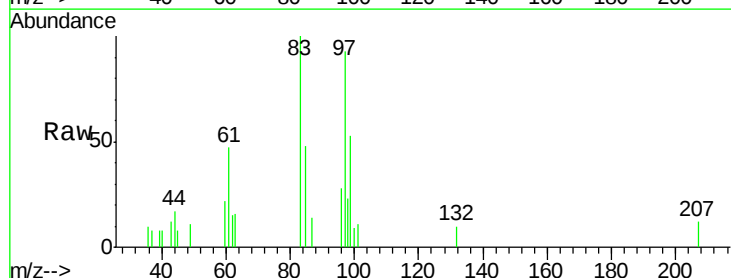
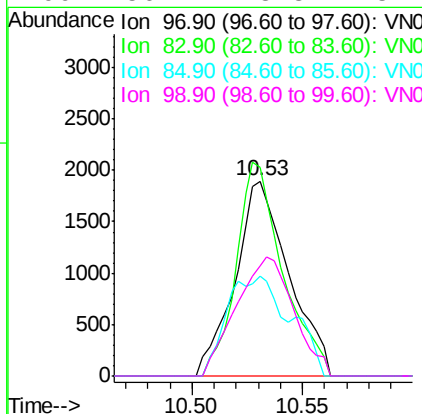
RT: 10.53 min Scan# 2734

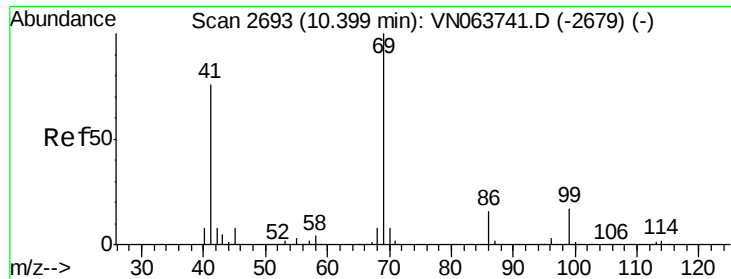
Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	97	Resp:	3200
Ion	Ratio	Lower	Upper
97	100		
83	107.0	70.7	106.1#
85	51.0	46.1	69.1
99	56.2	48.8	73.2





#56

Ethyl methacrylate

Concen: 0.733 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

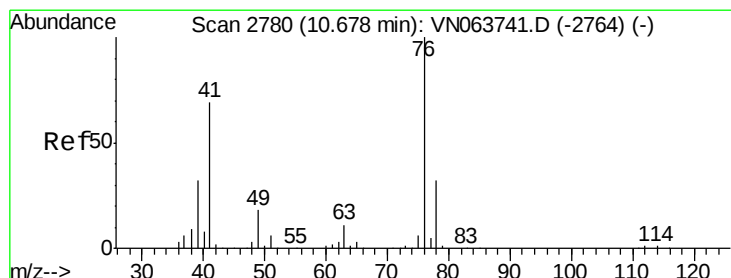
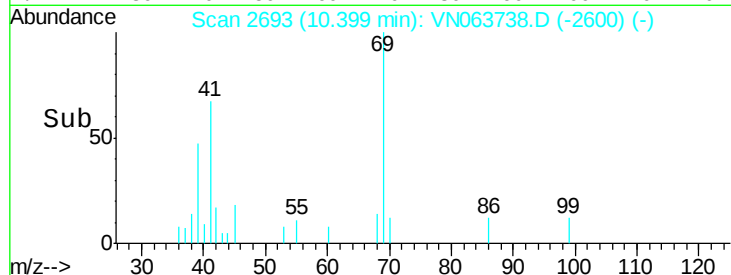
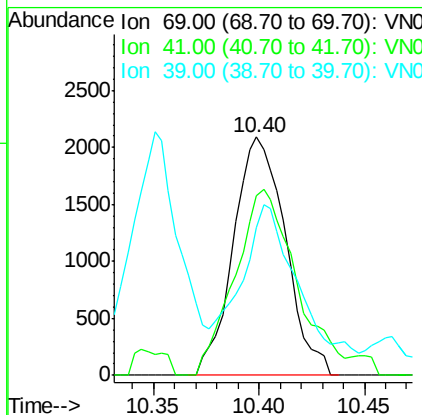
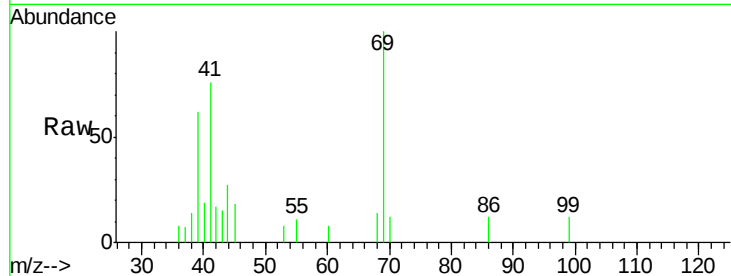
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3587
Ion Ratio	Lower	Upper	
69	100		
41	93.2	61.1	91.7#
39	85.1	42.2	63.4#

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#57

1,3-Dichloropropane

Concen: 0.889 ug/l

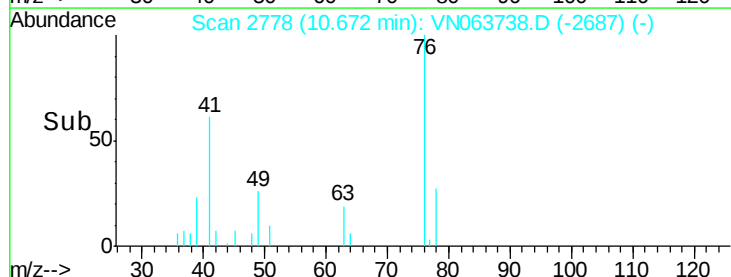
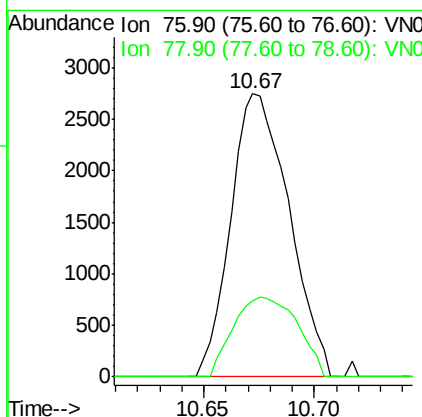
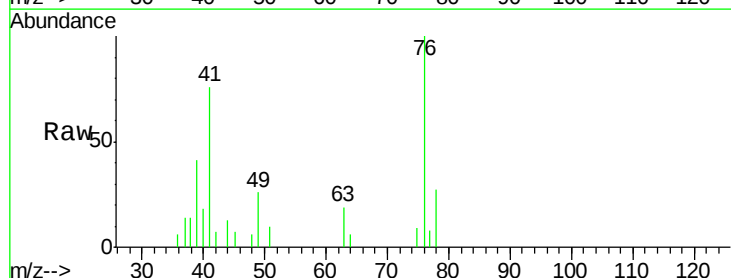
RT: 10.67 min Scan# 2778

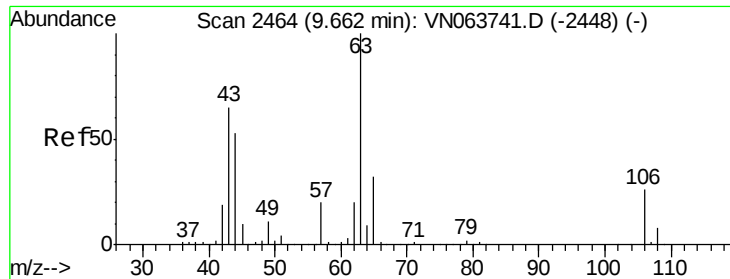
Delta R.T. -0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	76	Resp:	5049
Ion Ratio	Lower	Upper	
76	100		
78	30.8	25.2	37.8





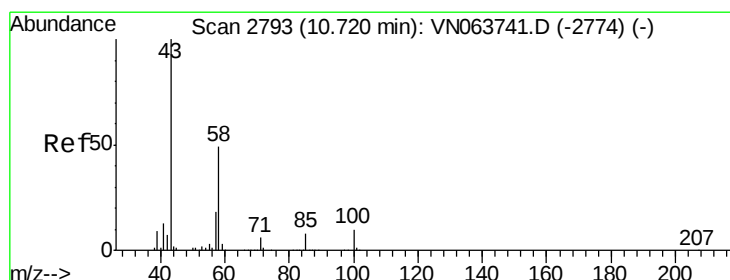
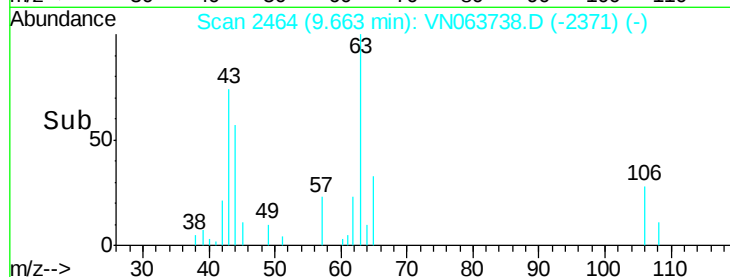
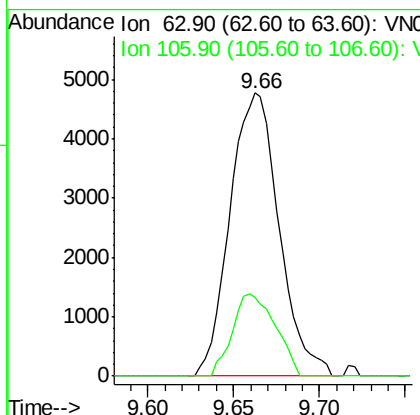
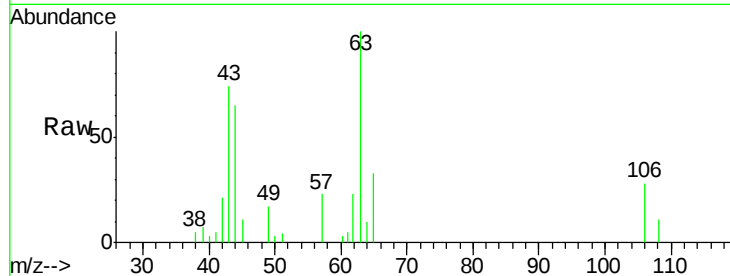
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.666 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 9496
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.7 31.1

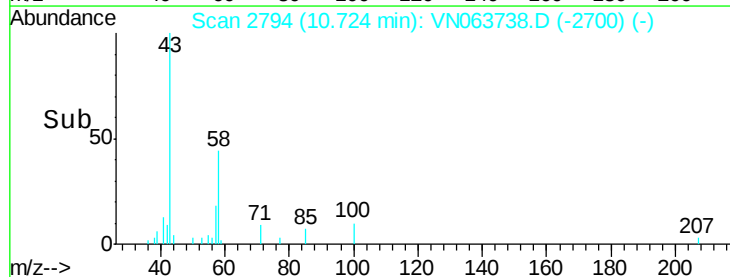
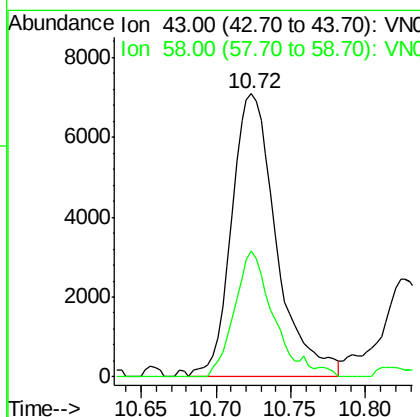
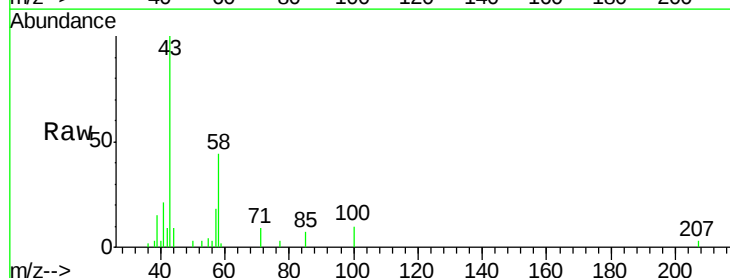
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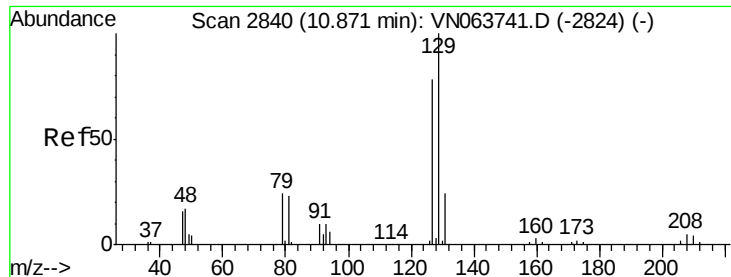
MMDadoda
 10/1/2020 2:39:42 PM



#59
 2-Hexanone
 Concen: 4.483 ug/l
 RT: 10.72 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 43 Resp: 14783
 Ion Ratio Lower Upper
 43 100
 58 38.2 24.6 73.8





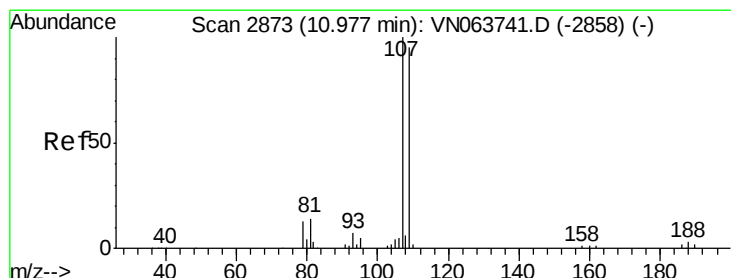
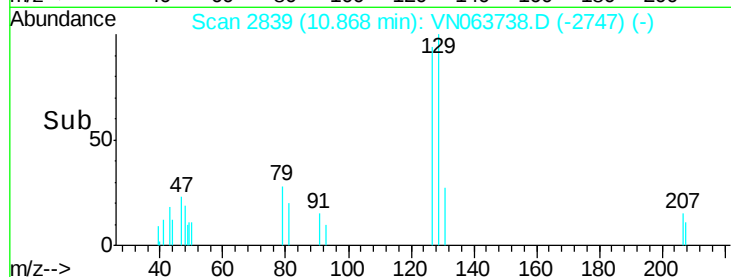
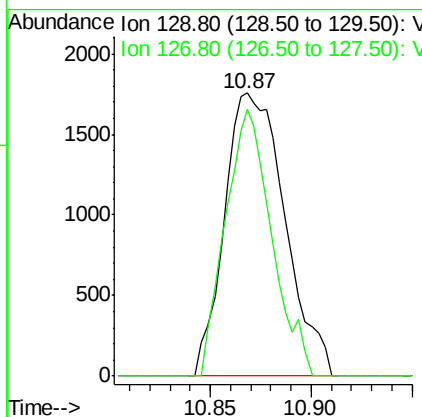
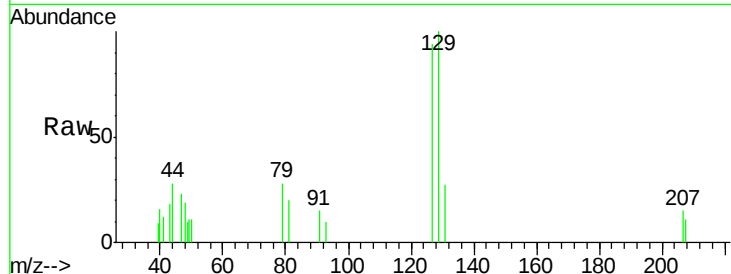
#60
Dibromochloromethane
Concen: 1.025 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	72.2	38.9	116.7

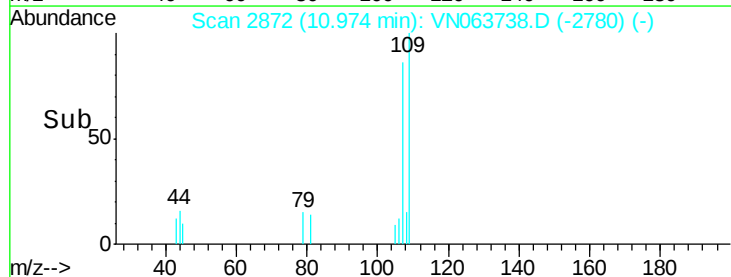
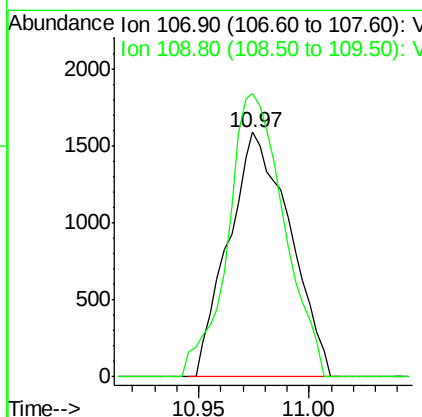
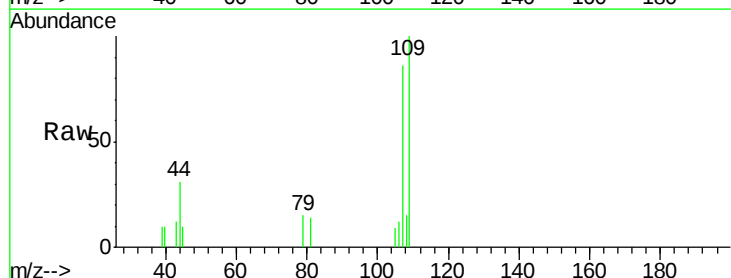
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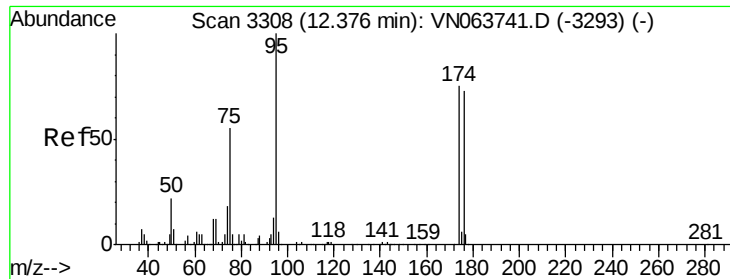
MMDadoda
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#61
1,2-Dibromoethane
Concen: 0.931 ug/l
RT: 10.97 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
107	100		
109	106.3	74.8	112.2





#62

4-Bromofluorobenzene

Concen: 0.845 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

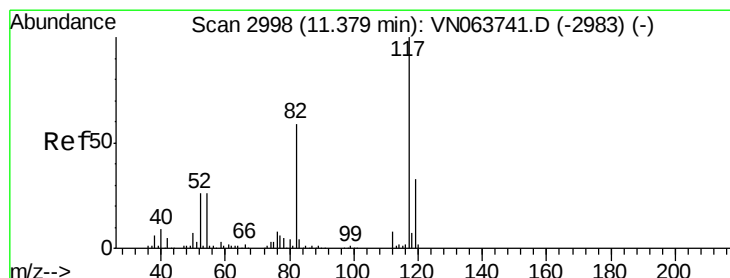
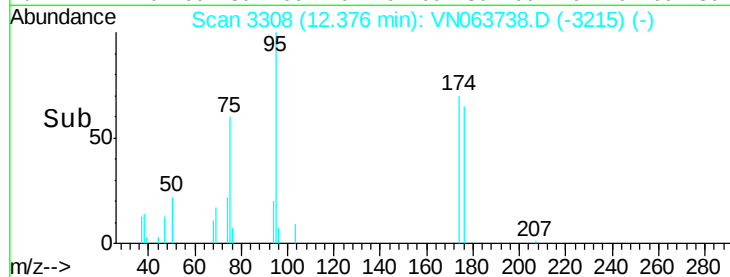
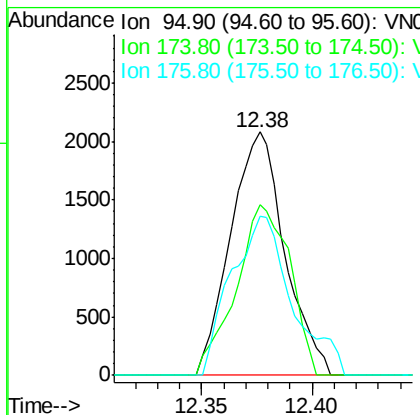
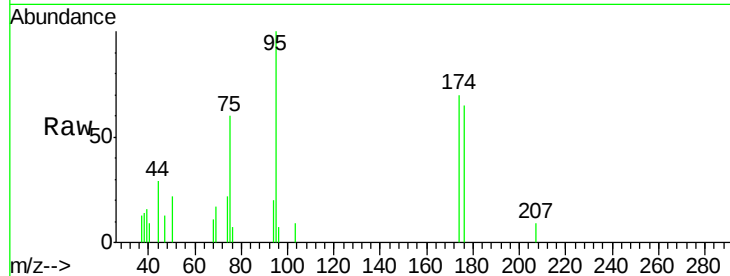
ClientSampled :

VSTDIC001

Tot Ion:	95	Resp:	3551
Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	150.6
176	73.5	0.0	145.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

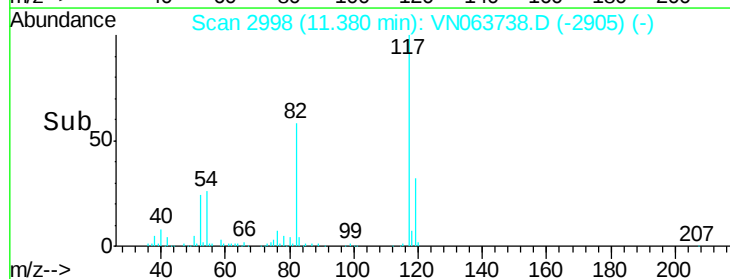
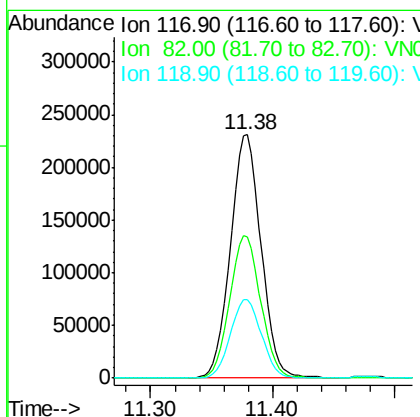
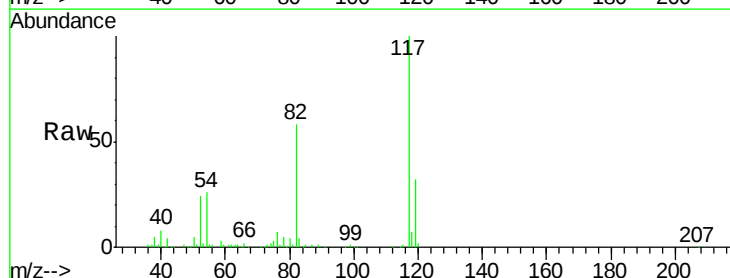
RT: 11.38 min Scan# 2998

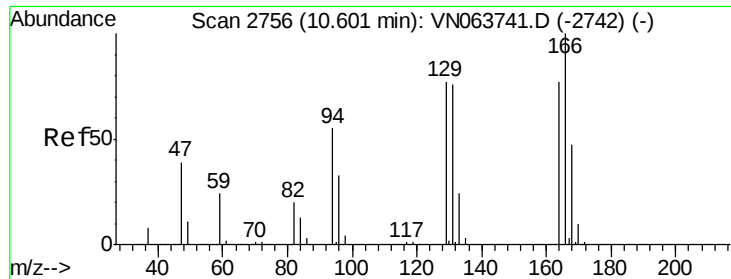
Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	117	Resp:	404497
Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	32.2	26.4	39.6





#64

Tetrachloroethene

Concen: 1.451 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4027
Ion Ratio Lower Upper

164 100

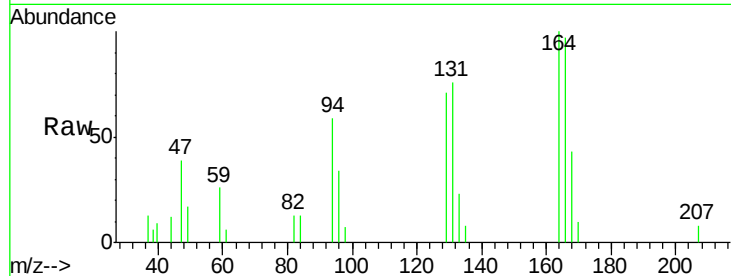
166 97.0 103.9 155.9#

129 70.7 80.3 120.5#

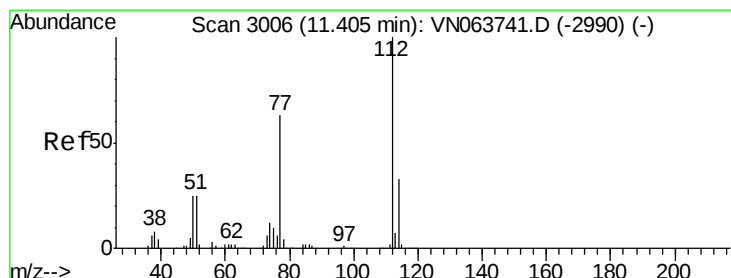
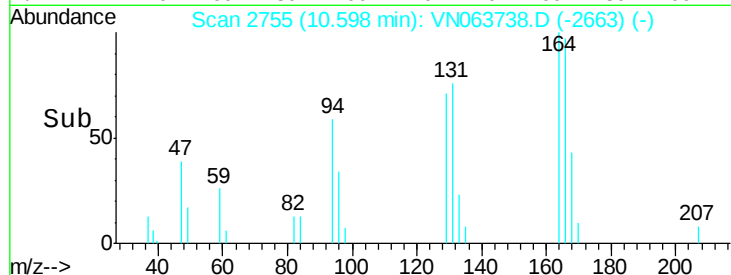
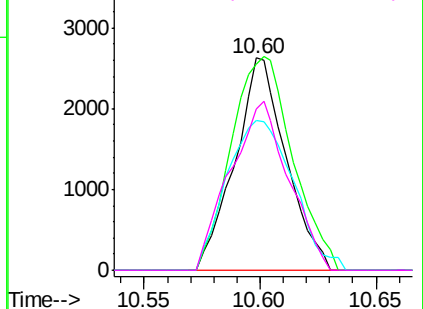
131 75.8 78.9 118.3#

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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.025 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

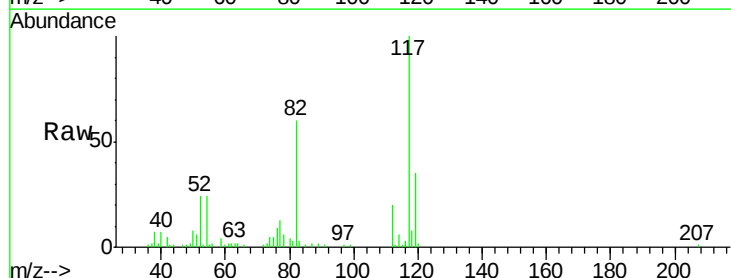
Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

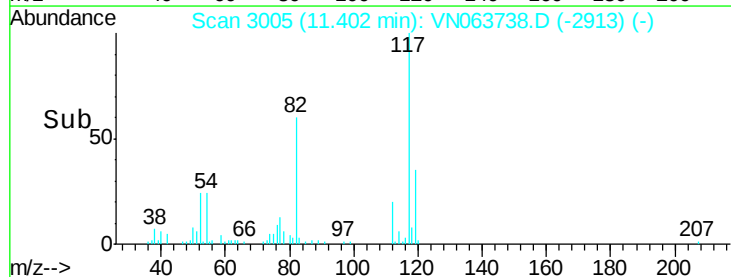
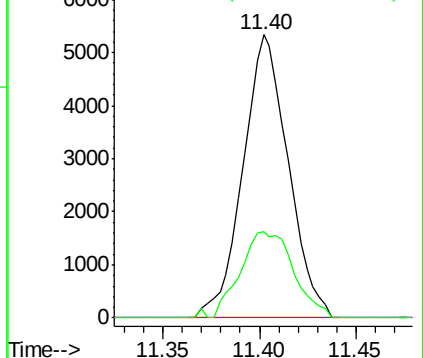
Tgt Ion:112 Resp: 8678
Ion Ratio Lower Upper

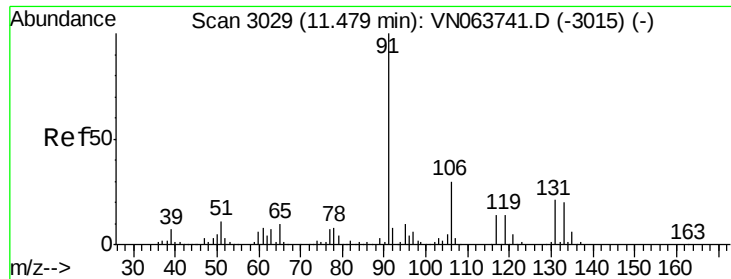
112 100

114 30.3 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





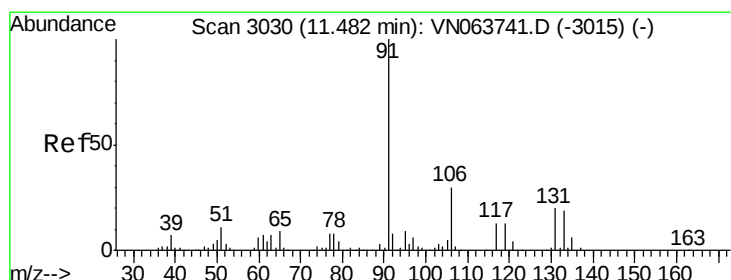
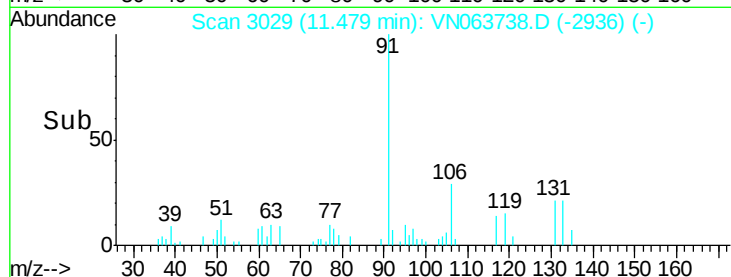
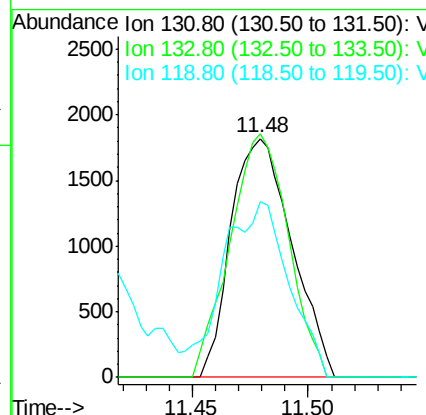
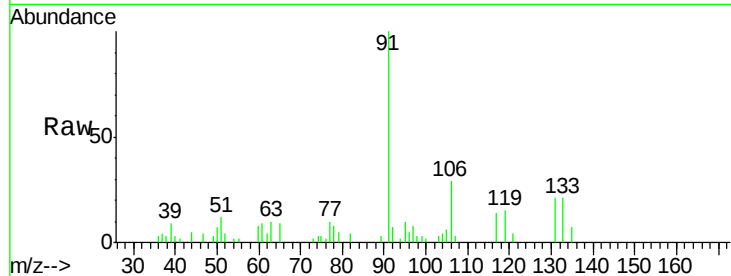
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.060 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.5	47.3	141.8
119	0.0	32.6	97.7#

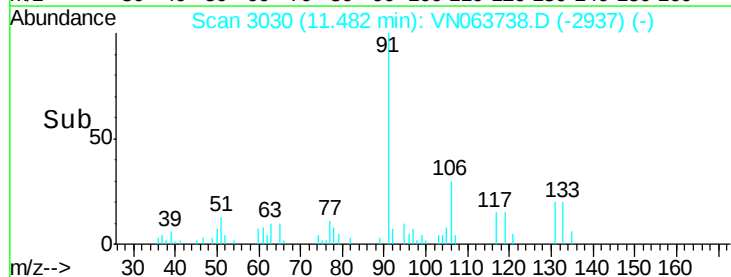
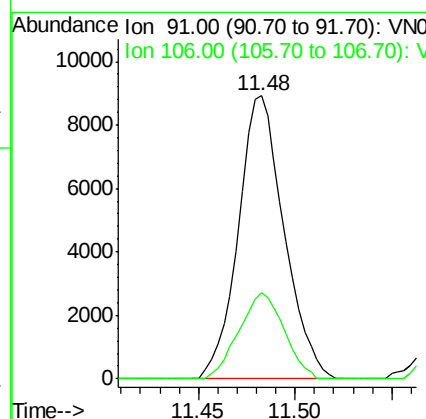
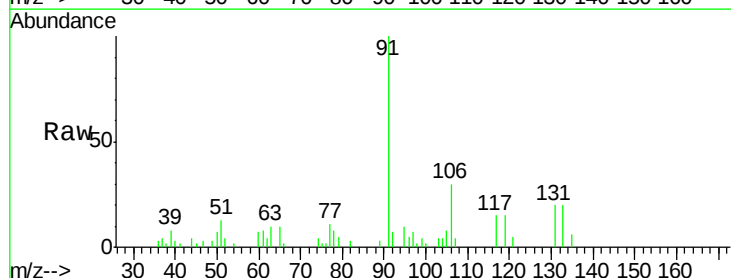
Manual Integrations
 APPROVED

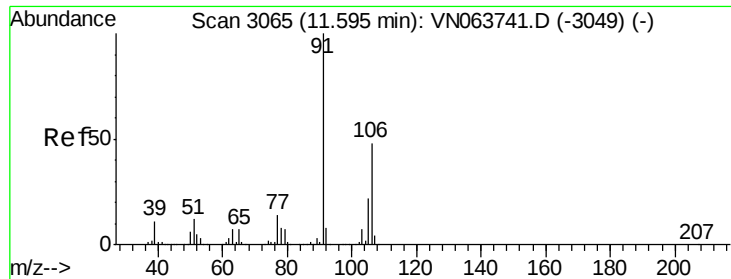
MMDadoda
 10/1/2020 2:39:42 PM



#67
 Ethyl Benzene
 Concen: 0.918 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.2





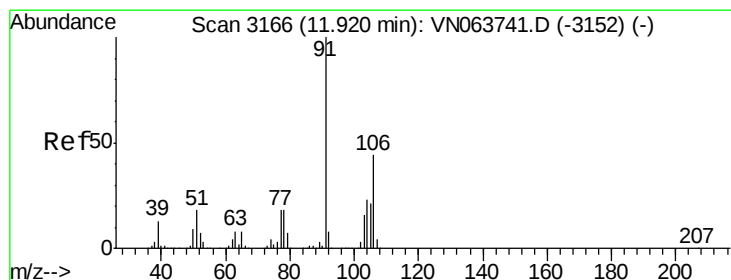
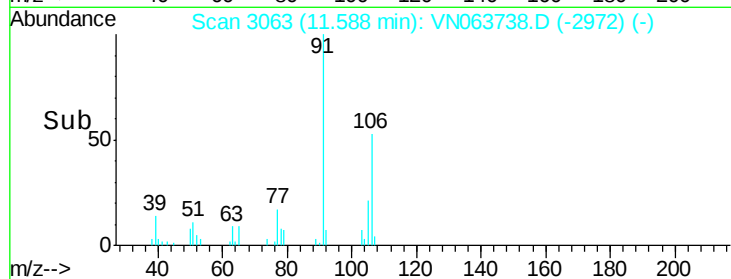
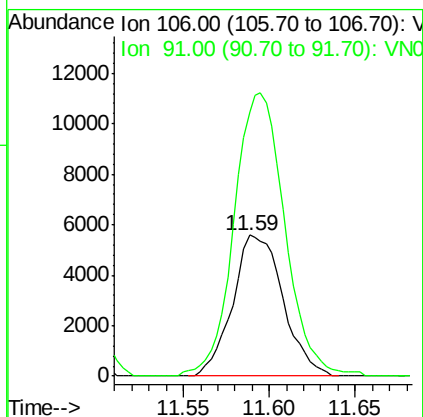
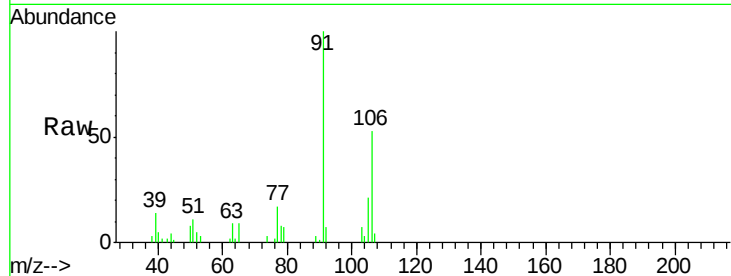
#68
m/p-Xylenes
Concen: 1.976 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 11394
Ion Ratio Lower Upper
106 100
91 202.0 168.0 252.0

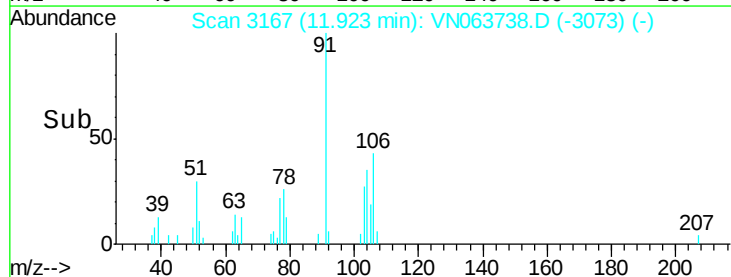
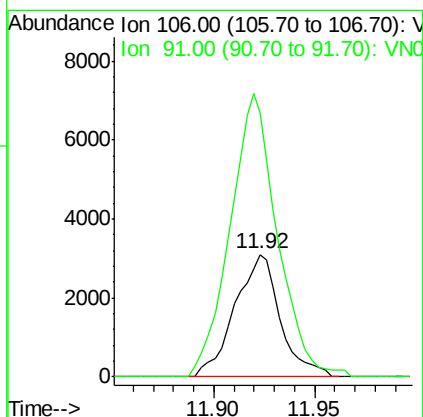
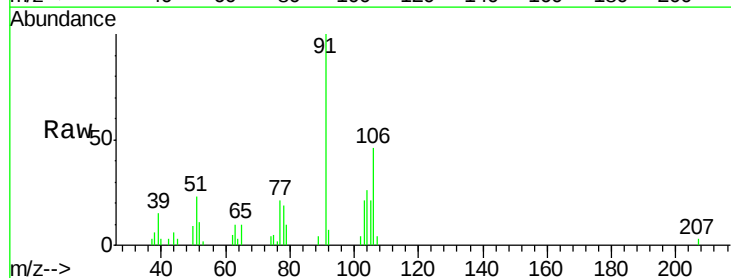
Manual Integrations
APPROVED

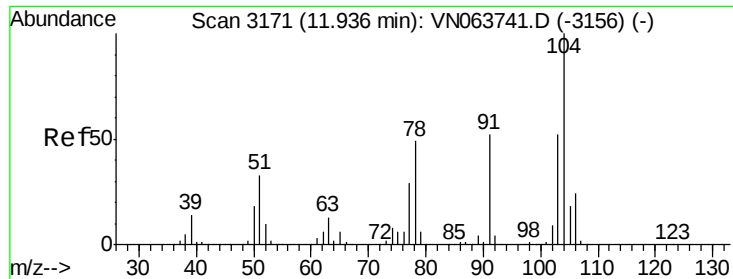
MMDadoda
10/1/2020 2:39:42 PM



#69
o-Xylene
Concen: 0.888 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion:106 Resp: 4862
Ion Ratio Lower Upper
106 100
91 241.0 112.7 338.0





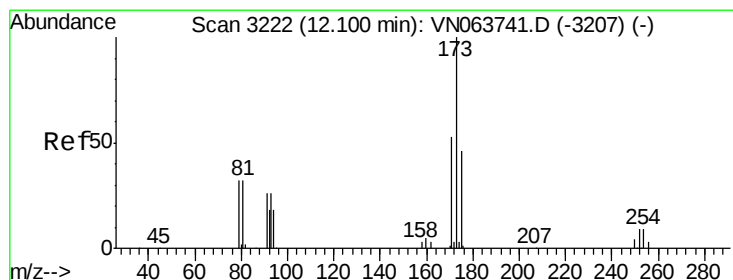
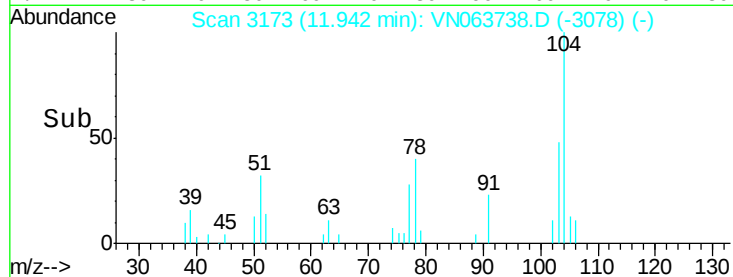
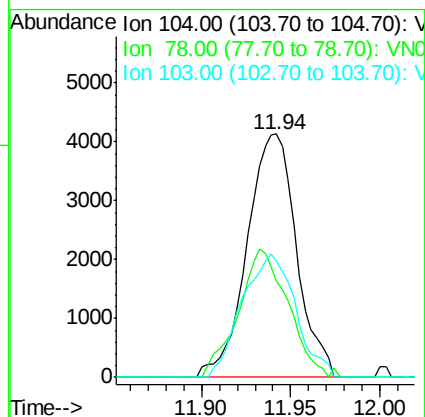
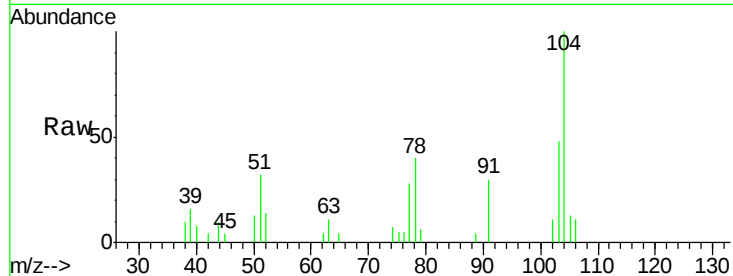
#70
Stvrene
Concen: 0.871 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	44.1	66.1
103	54.8	44.3	66.5

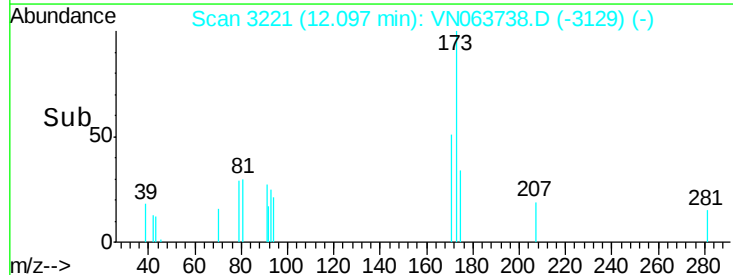
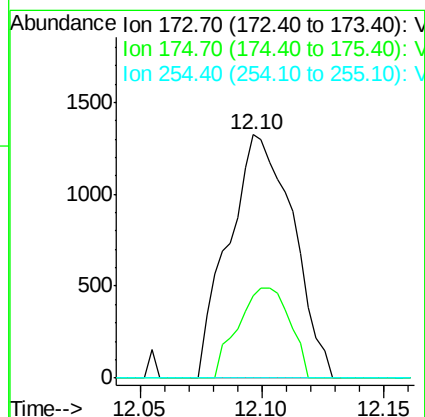
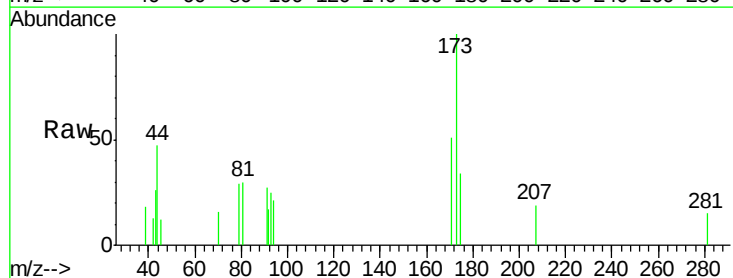
Manual Integrations
APPROVED

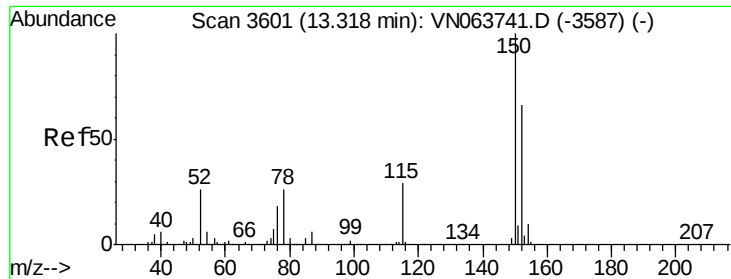
MMDadoda
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#71
Bromoform
Concen: 1.037 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	29.9	23.5	70.5
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:152 Resp: 173758

Ion Ratio Lower Upper

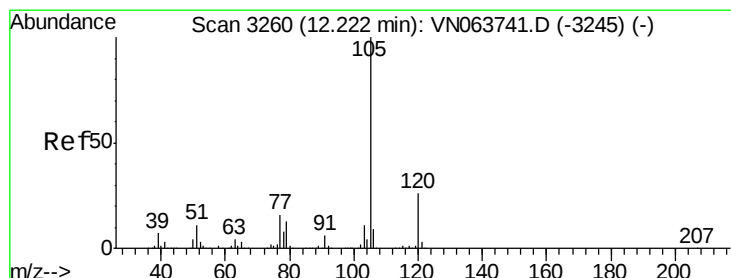
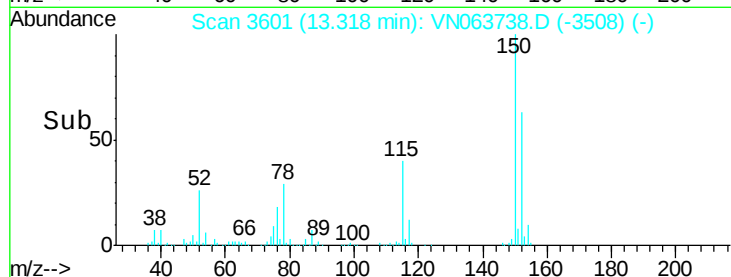
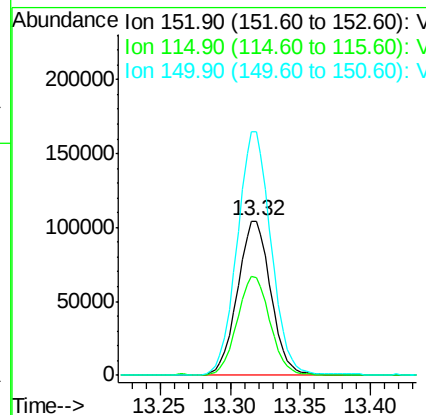
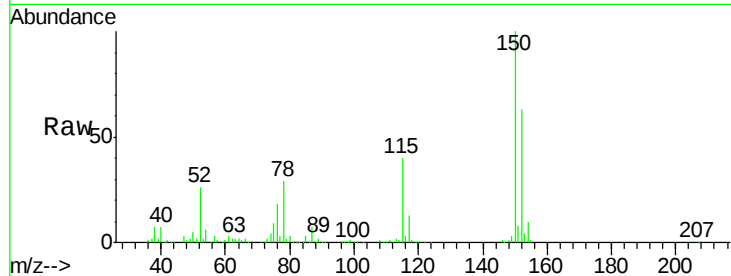
152 100

115 62.9 31.3 93.8

150 159.5 0.0 341.8

Manual Integrations
APPROVED

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#73

Isopropylbenzene

Concen: 0.942 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063738.D

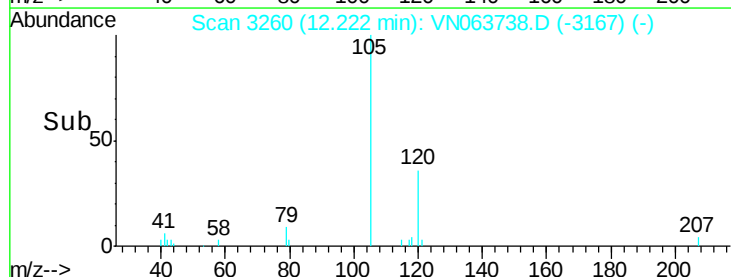
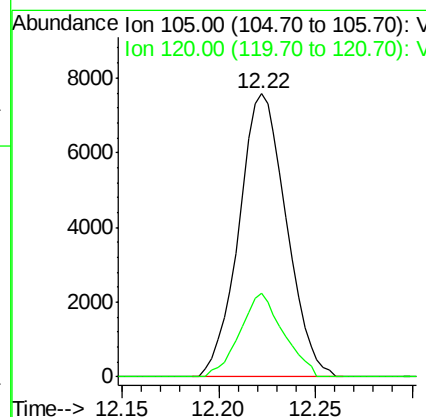
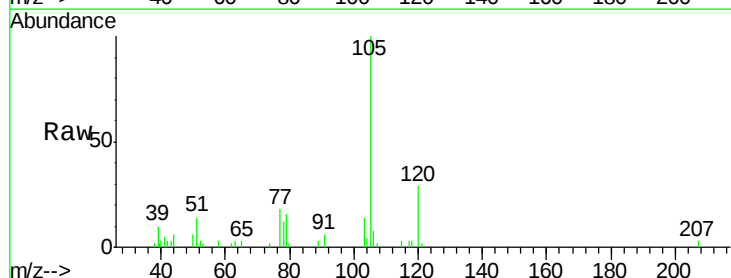
Acq: 30 Sep 2020 9:48

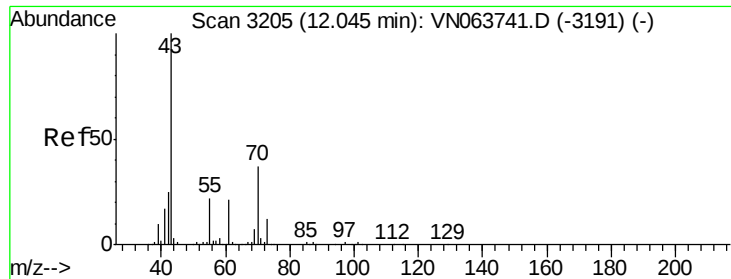
Tgt Ion:105 Resp: 12901

Ion Ratio Lower Upper

105 100

120 27.0 12.6 37.8





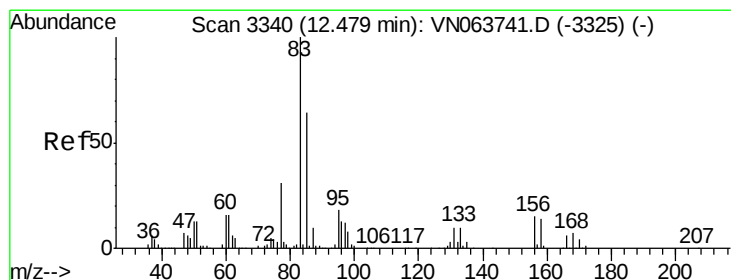
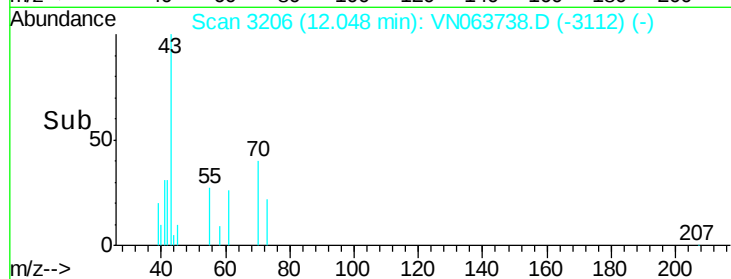
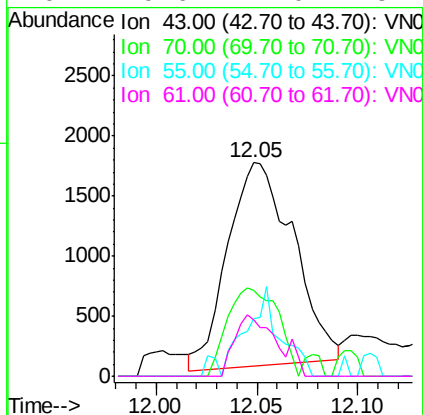
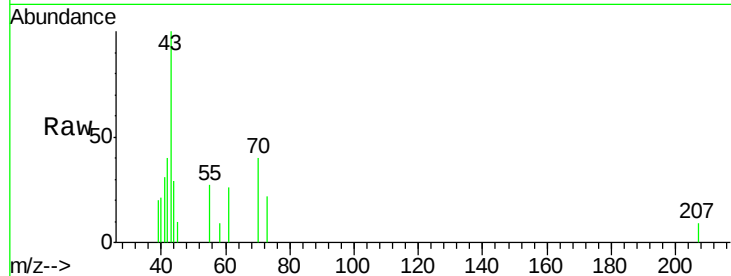
#74
N-amvl acetate
Concen: 0.605 ug/l
RT: 12.05 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	33.4	29.8	44.8
55	22.7	17.9	26.9
61	19.6	17.0	25.4

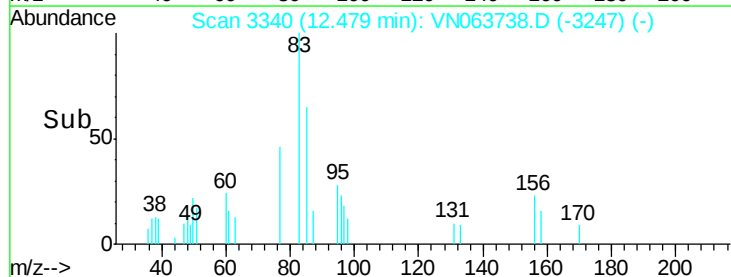
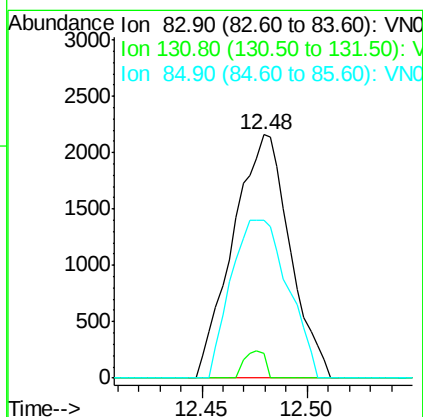
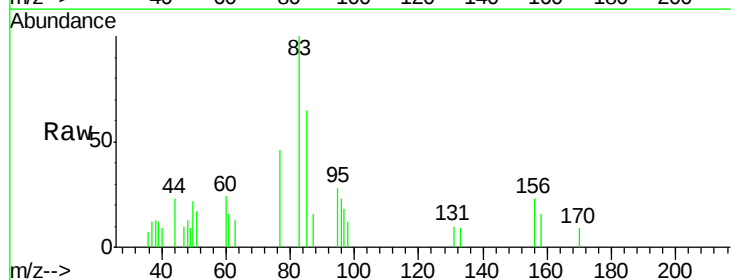
Manual Integrations
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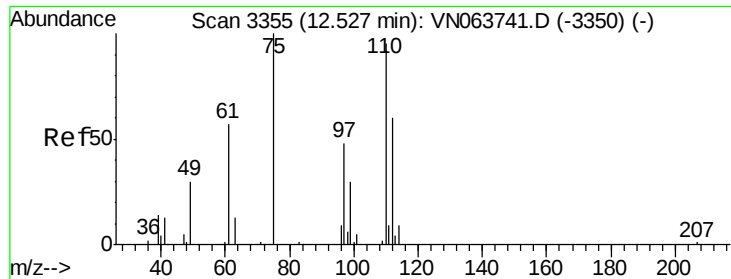
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#75
1,1,2,2-Tetrachloroethane
Concen: 0.954 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
83	100		
131	4.0	5.3	15.8#
85	65.0	31.3	93.8





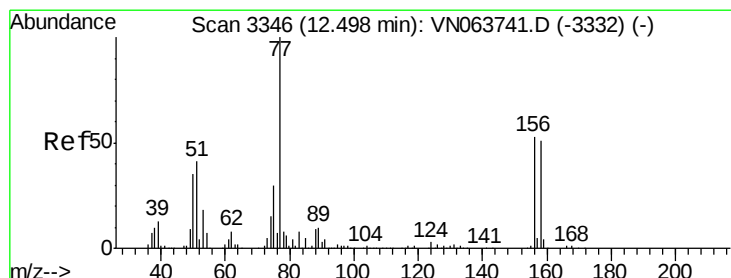
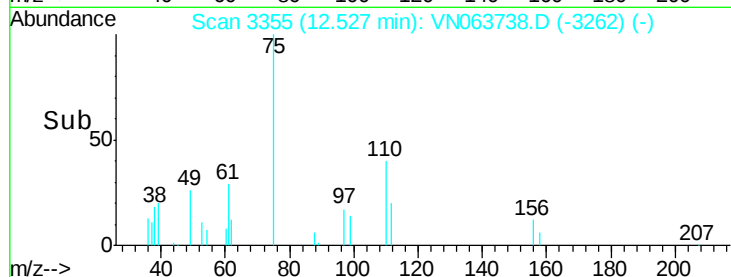
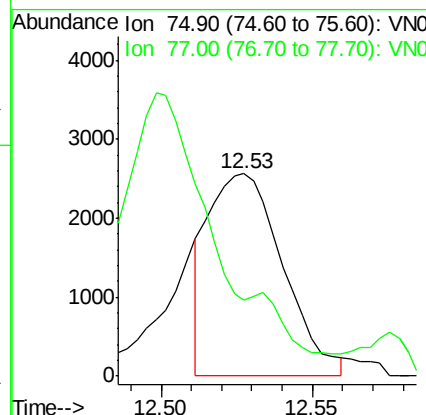
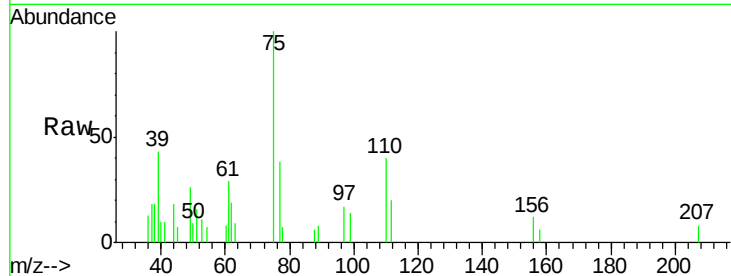
#76
 1,2,3-Trichloropropane
 Concen: 1.034 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 4372
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

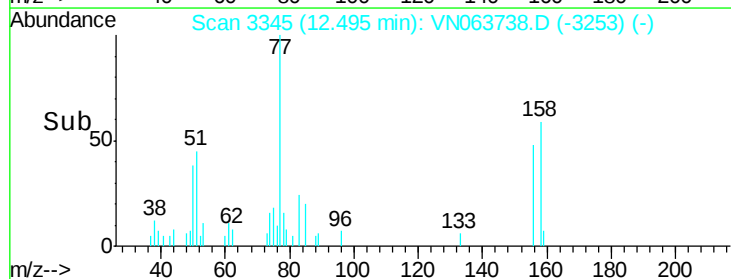
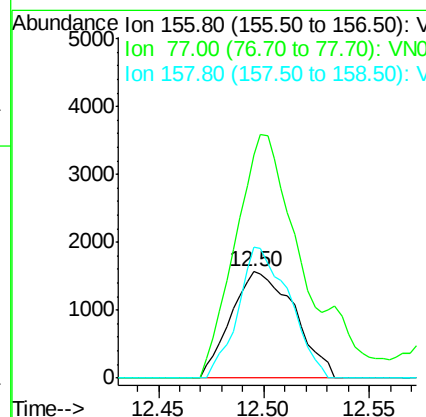
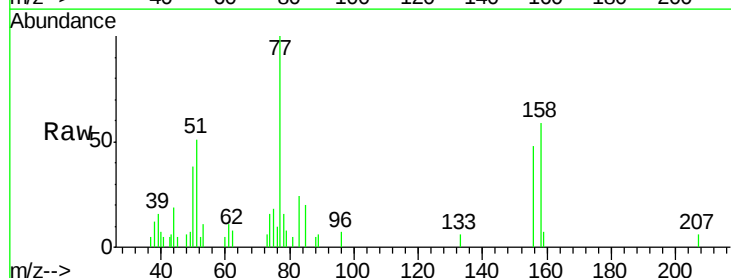
Manual Integrations
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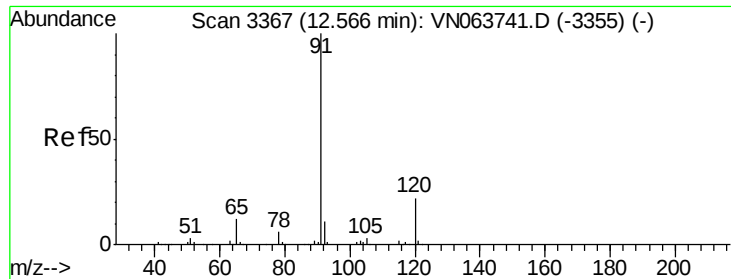
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#77
 Bromobenzene
 Concen: 1.054 ug/l
 RT: 12.50 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion: 156 Resp: 3282
 Ion Ratio Lower Upper
 156 100
 77 214.1 110.9 332.7
 158 98.9 47.7 143.1





#78

n-propylbenzene

Concen: 0.970 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15452

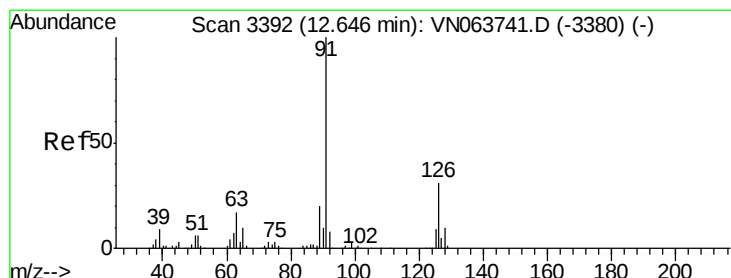
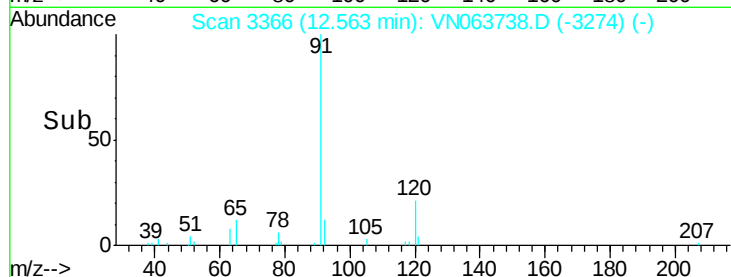
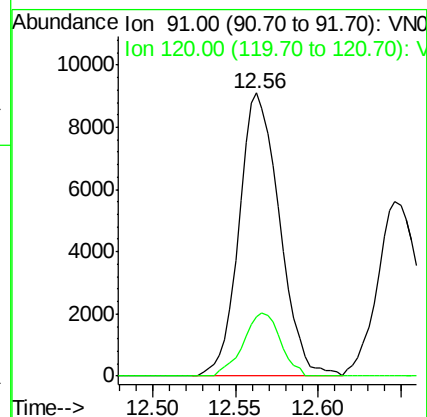
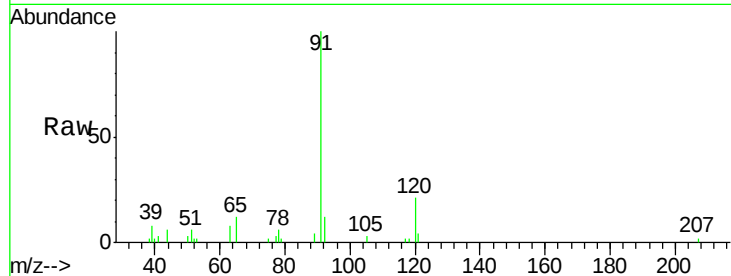
Ion Ratio Lower Upper

91 100

120 20.4 11.1 33.1

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.037 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063738.D

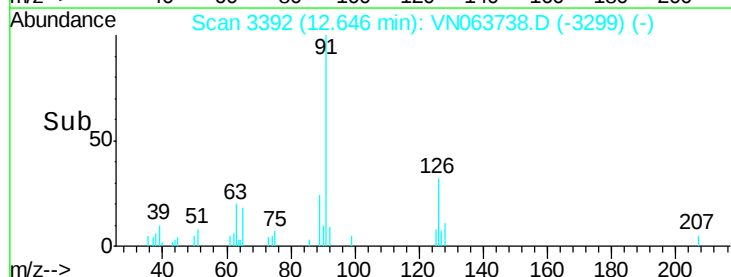
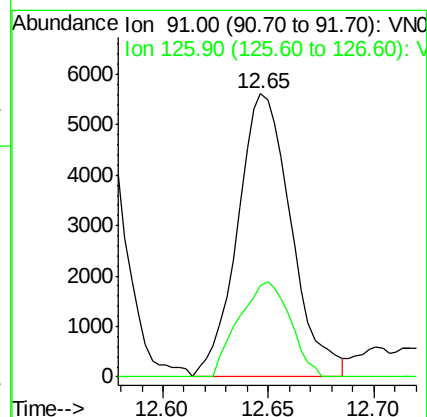
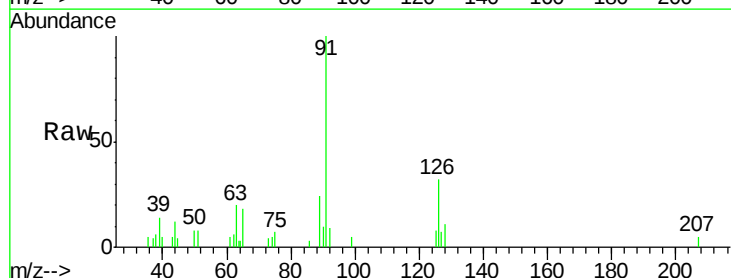
Acq: 30 Sep 2020 9:48

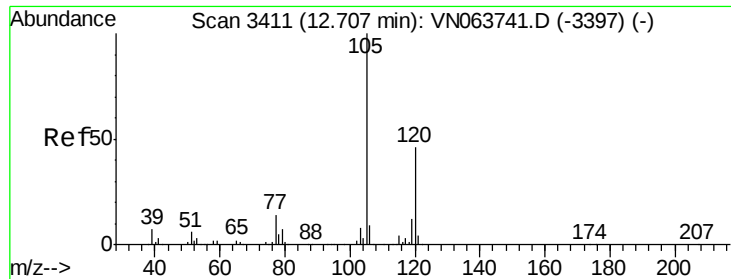
Tgt Ion: 91 Resp: 9926

Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.7





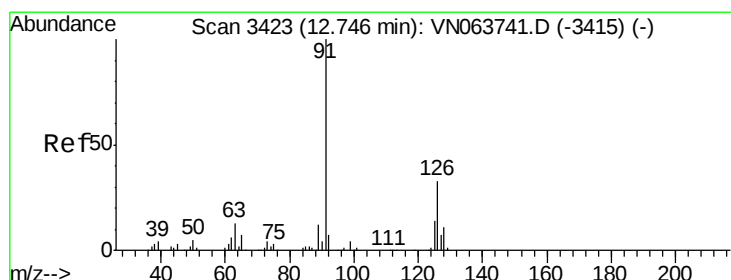
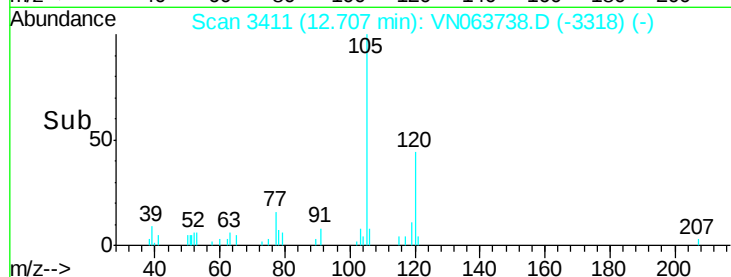
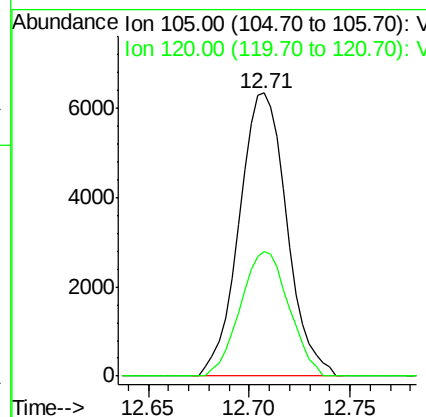
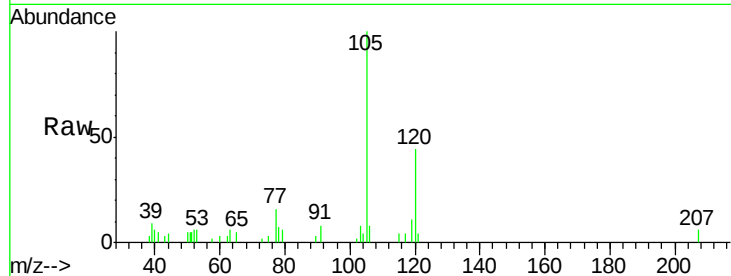
#80
 1,3,5-Trimethylbenzene
 Concen: 0.921 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.3	69.9

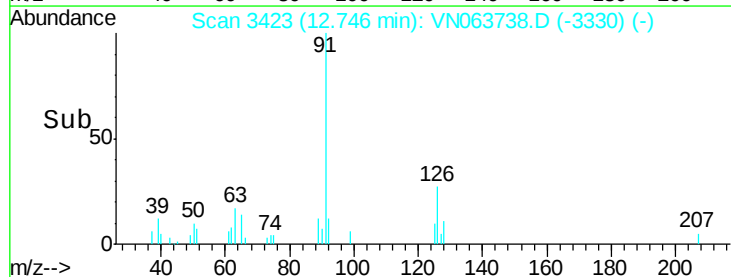
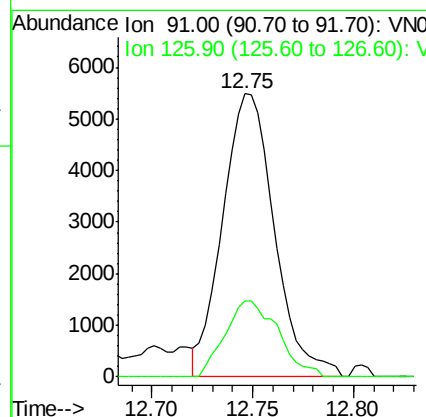
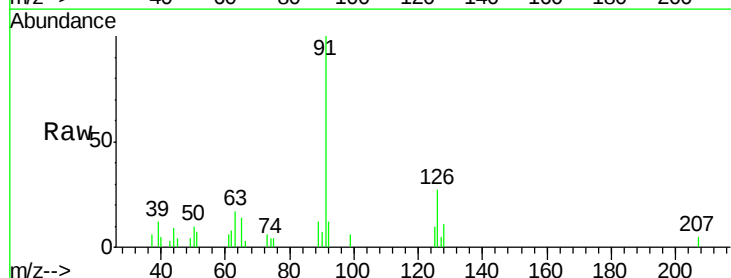
Manual Integrations
 APPROVED

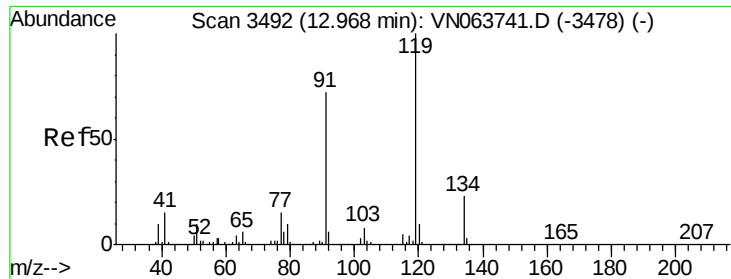
MMDadoda
 10/1/2020 2:39:42 PM



#82
 4-Chlorotoluene
 Concen: 0.970 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	15.4	46.2





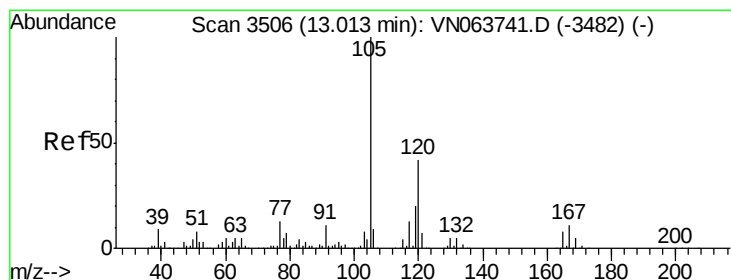
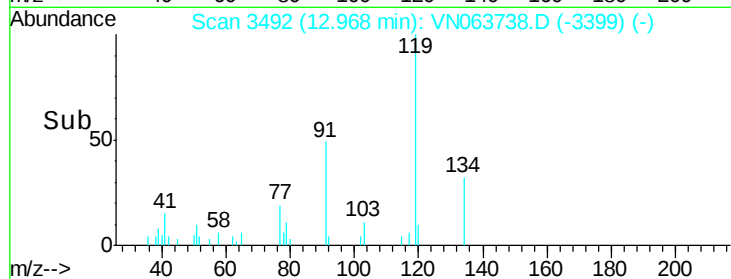
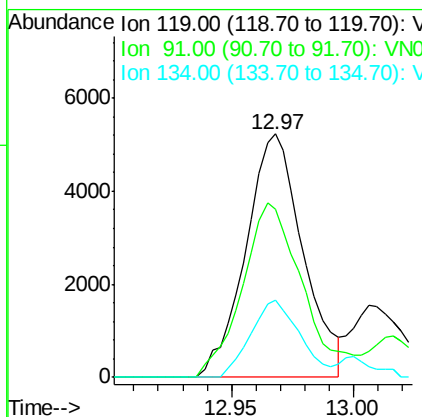
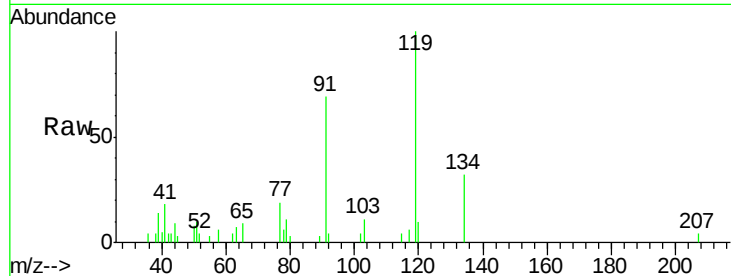
#83
tert-Butylbenzene
Concen: 0.903 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	76.4	35.5	106.5
134	27.2	11.7	35.1

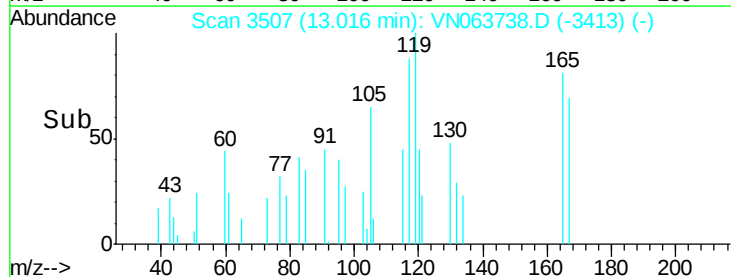
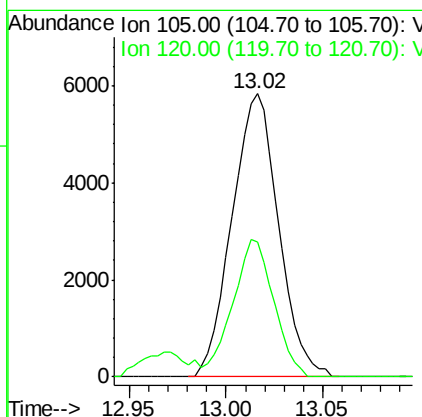
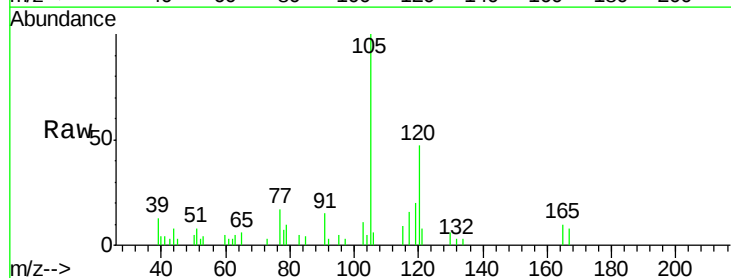
Manual Integrations
APPROVED

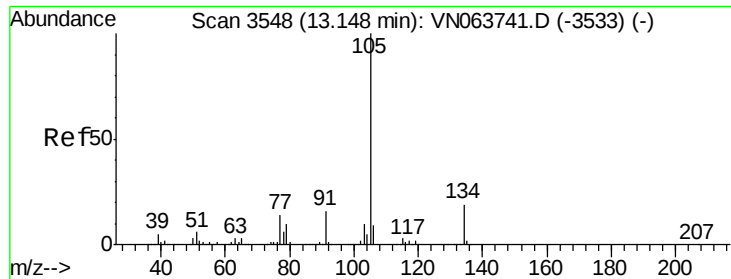
MMDadoda
10/1/2020 2:39:42 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.847 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	20.9	62.7





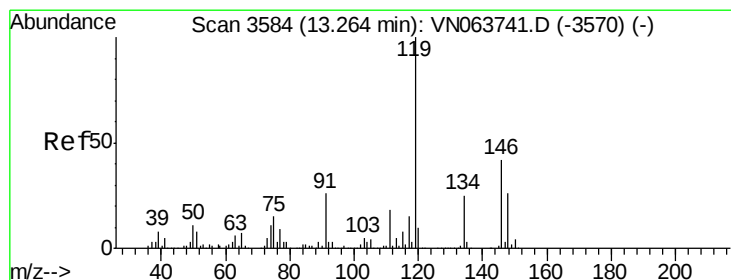
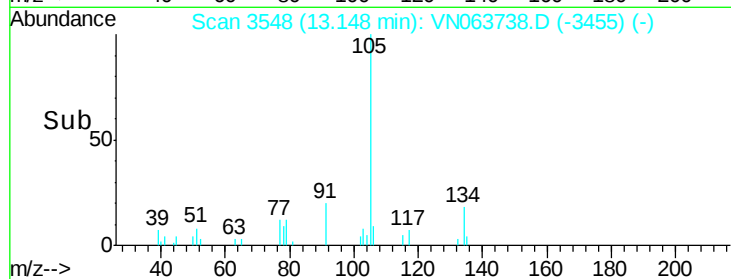
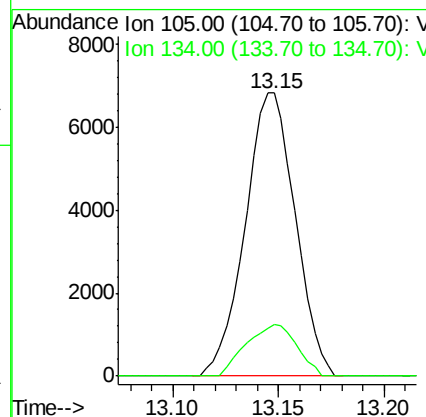
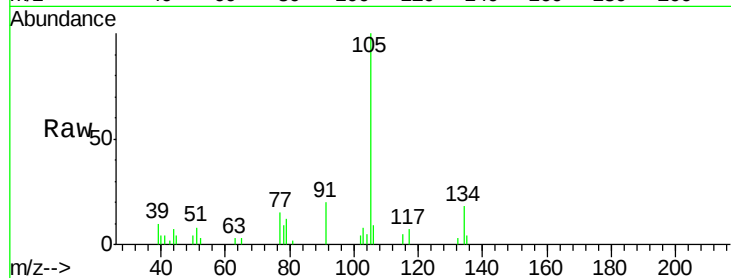
#85
 sec-Butylbenzene
 Concen: 0.893 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
105	100	11238		
134	18.4	9.5	28.5	

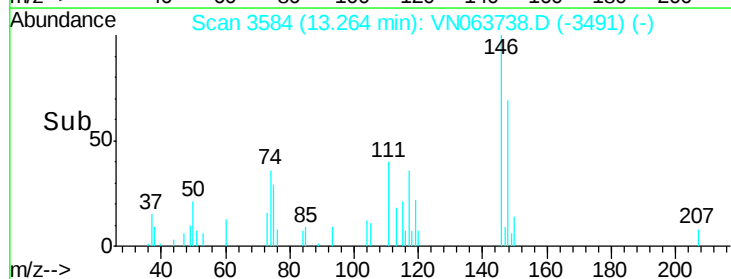
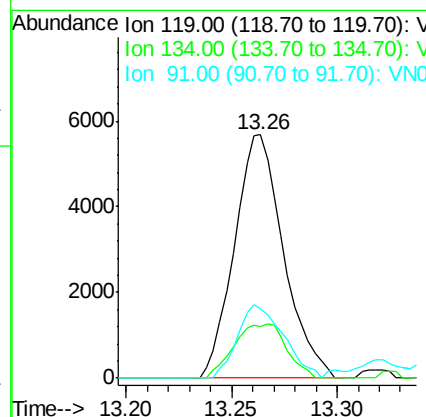
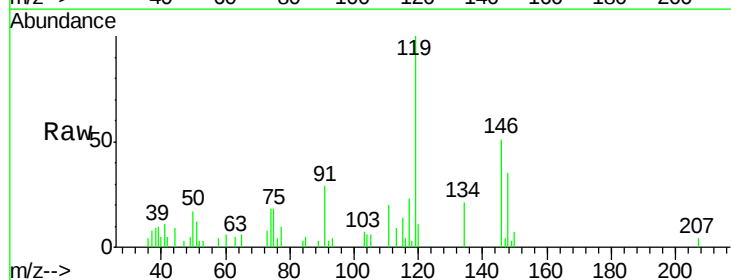
Manual Integrations
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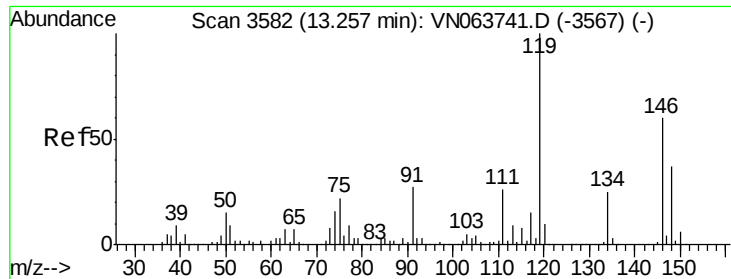
MMDadoda
 10/1/2020 2:39:42 PM



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	9175		
134	23.7	12.6	37.8	
91	28.1	13.4	40.2	





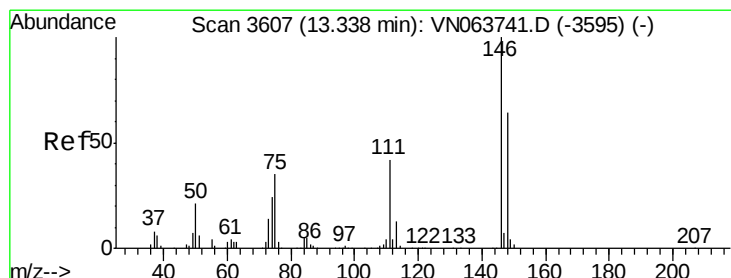
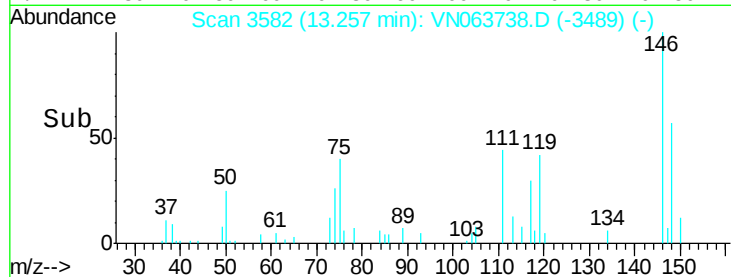
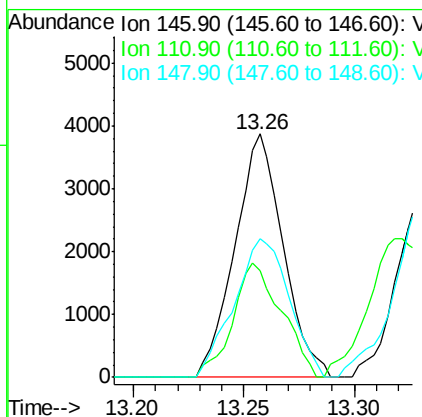
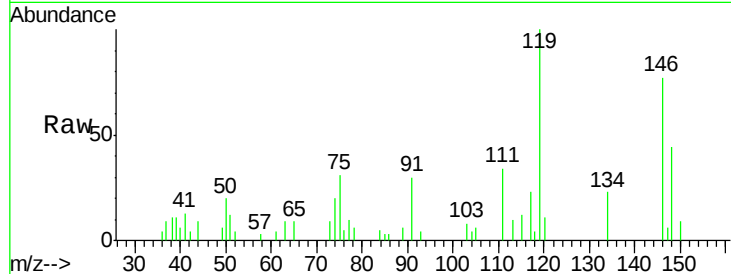
#87
 1,3-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.2	21.5	64.5
148	64.8	31.1	93.3

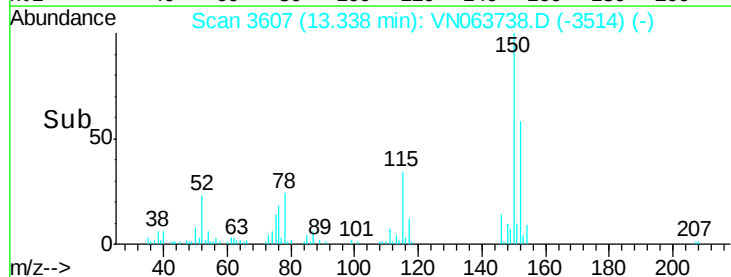
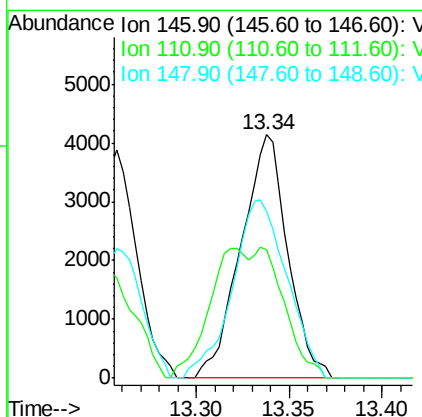
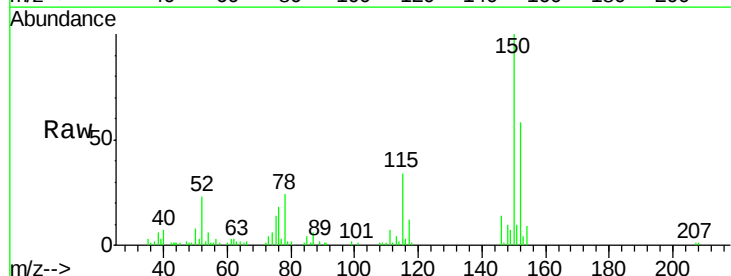
Manual Integrations
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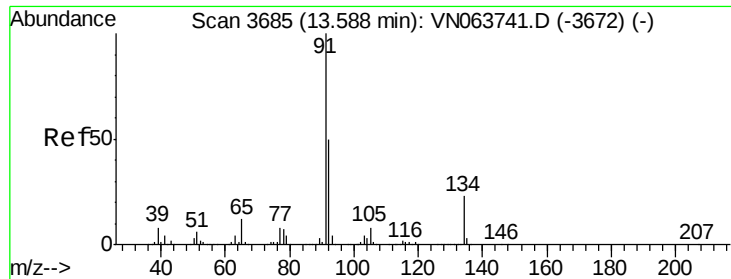
MMDadoda
 10/1/2020 2:39:42 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.242 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.3	63.7
148	85.6	32.0	96.0





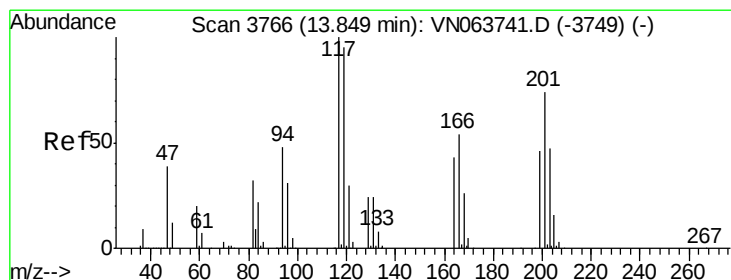
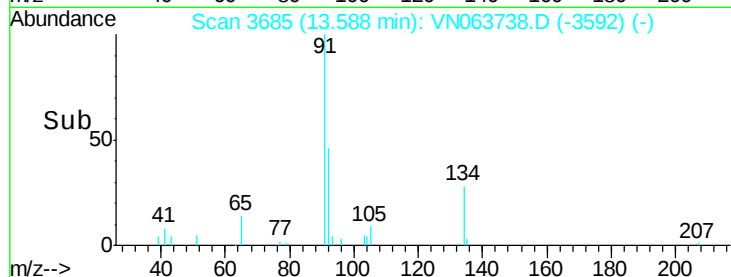
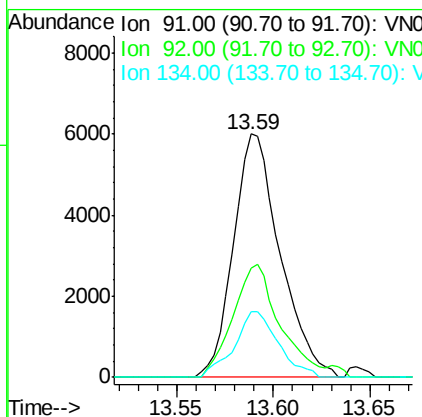
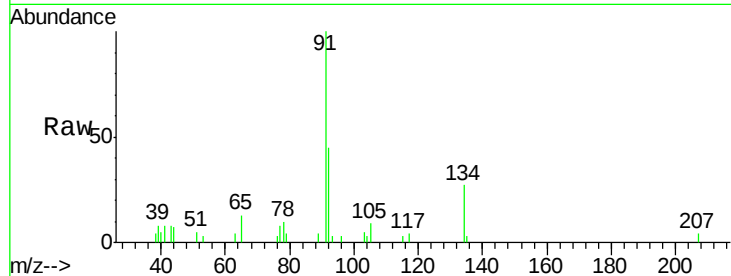
#89
n-Butylbenzene
Concen: 0.990 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.6	25.4	76.4
134	25.3	11.7	35.1

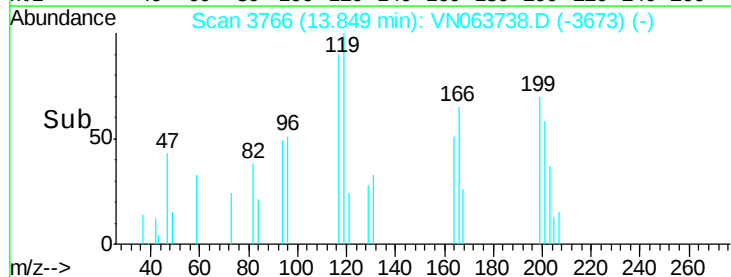
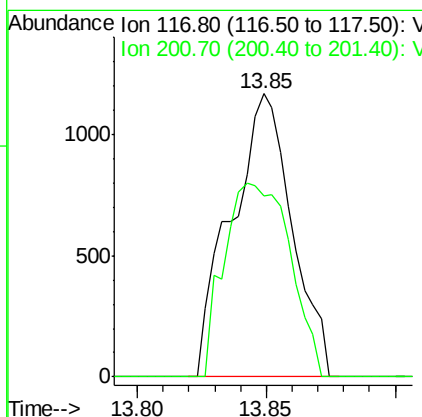
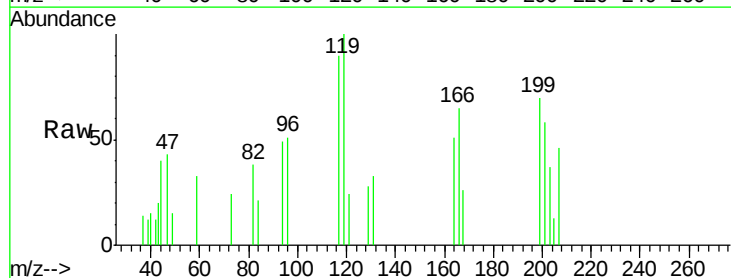
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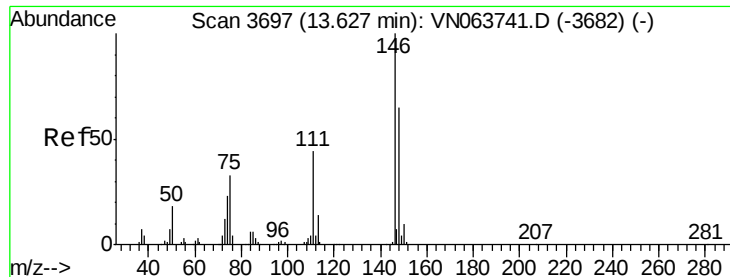
MMDadoda
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#90
Hexachloroethane
Concen: 0.907 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063738.D
Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.8	36.0	108.0





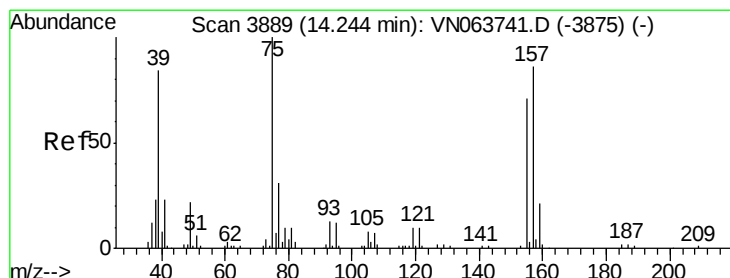
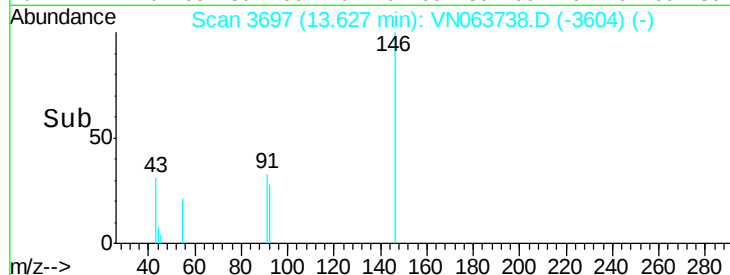
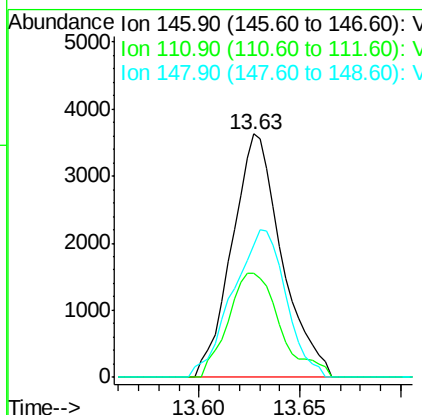
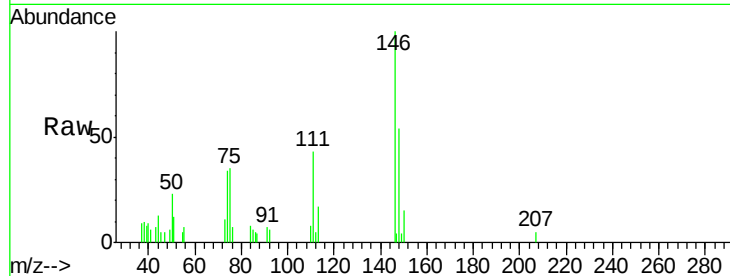
#91
 1,2-Dichlorobenzene
 Concen: 1.110 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.2	66.6
148	64.9	32.5	97.4

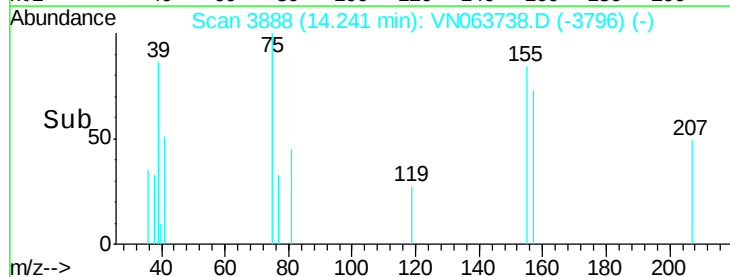
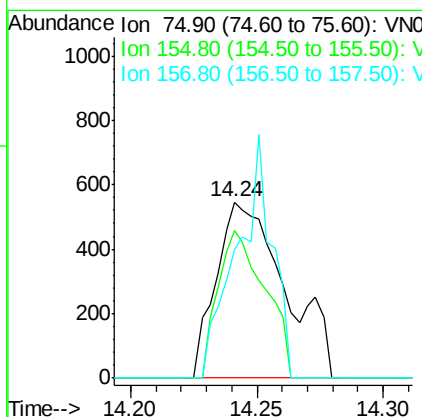
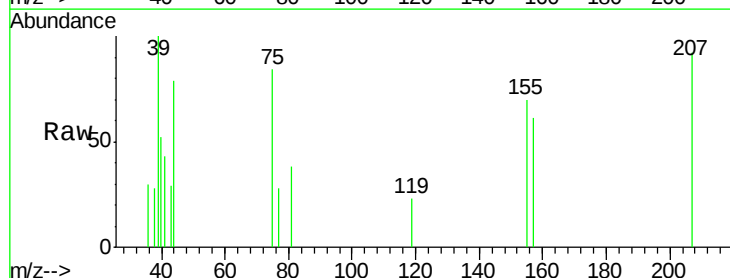
Manual Integrations
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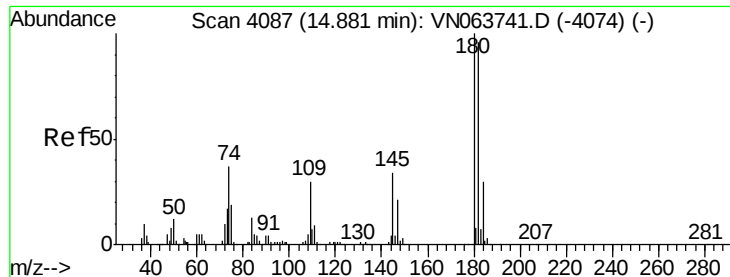
MMDadoda
 10/1/2020 2:39:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.034 ug/l m
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	57.5	34.8	104.5
157	71.2	43.7	131.1





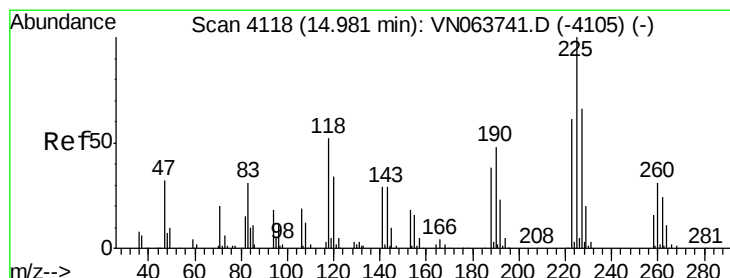
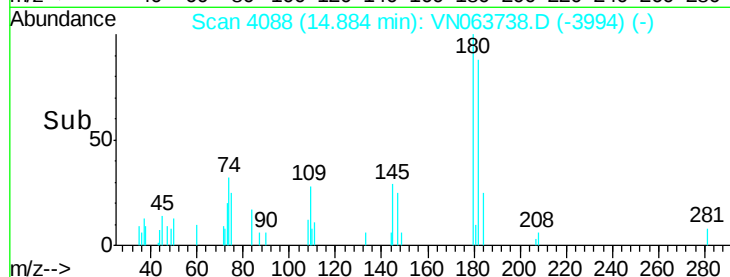
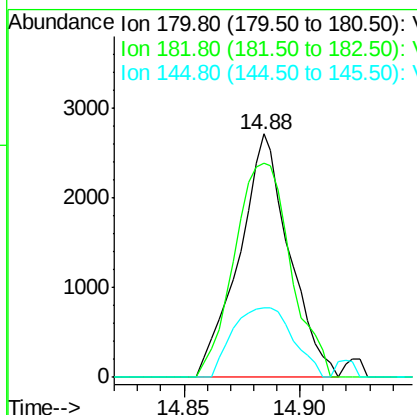
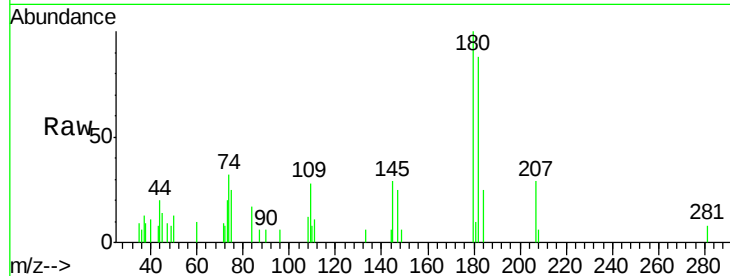
#93
 1,2,4-Trichlorobenzene
 Concen: 1.256 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	48.2	144.6
145	34.2	17.1	51.2

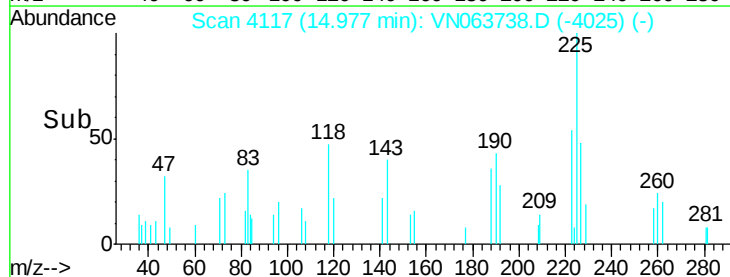
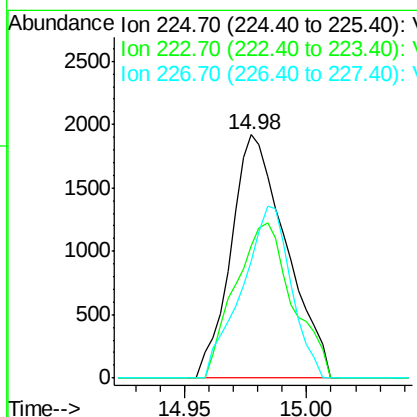
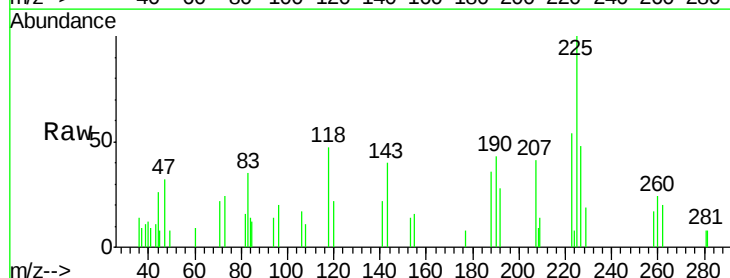
Manual Integrations
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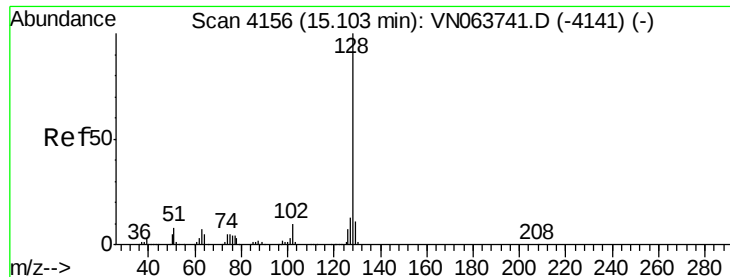
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 2.149 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN063738.D
 Acq: 30 Sep 2020 9:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	30.3	91.0
227	62.7	31.9	95.5





#95

Naphthalene

Concen: 1.201 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Instrument :

MSVOA_N

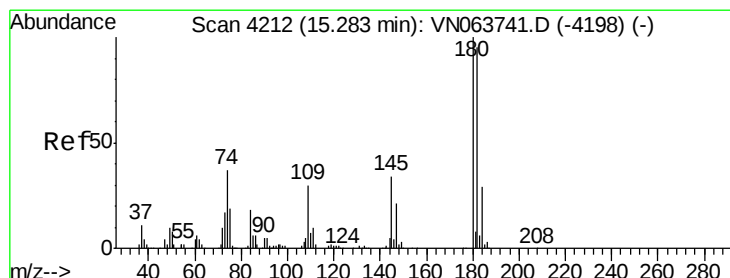
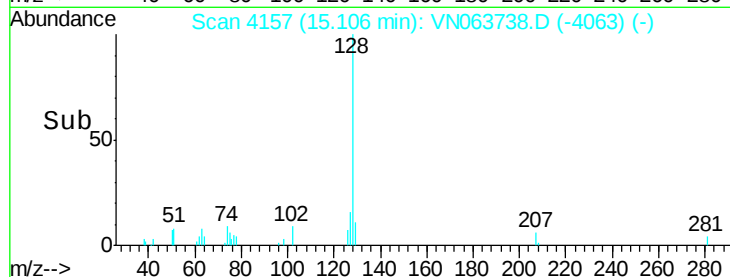
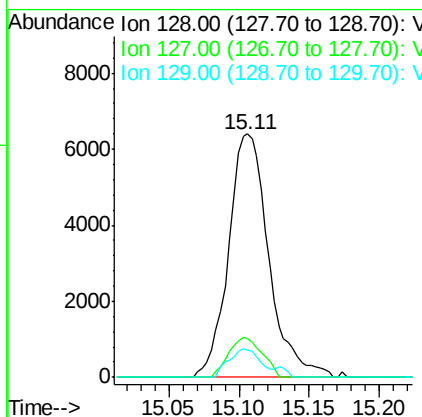
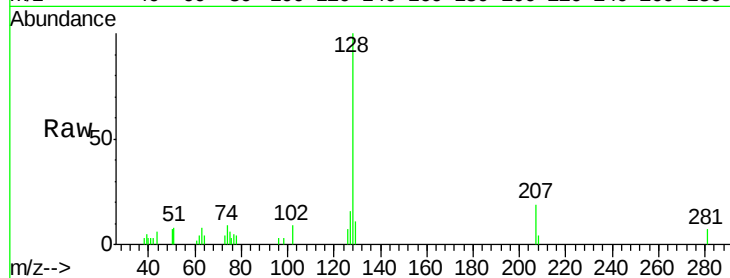
ClientSampled :

VSTDIC001

Tot Ion:	128	Resp:	12792
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	9.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.461 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN063738.D

Acq: 30 Sep 2020 9:48

Tgt Ion:	180	Resp:	4594
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.6
145	35.6	17.2	51.5

