

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052092.D
 Acq On : 1 Nov 2018 9:15
 Operator : MD\SY
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:21:05 AM

Quant Time: Nov 02 05:28:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:15:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	63864	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	371532	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	339135	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	141607	29.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.60%
60) 4-Bromofluorobenzene	12.40	95	162810	30.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.03%
63) Toluene-d8	10.09	98	482624	30.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.87%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	214627	50.318	ug/l 97
3) Chloromethane	2.06	50	241680	49.576	ug/l 99
4) Vinyl Chloride	2.19	62	235372	49.218	ug/l 96
5) Bromomethane	2.56	94	156282	47.878	ug/l 95
6) Chloroethane	2.71	64	149543	48.905	ug/l 97
7) Trichlorofluoromethane	3.02	101	313357	48.388	ug/l 99
8) Diethyl Ether	3.41	74	102796	47.012	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	180473	47.681	ug/l 97
10) 1,1-Dichloroethene	3.74	96	170066	48.154	ug/l 98
11) Methyl Iodide	3.96	142	253302	49.605	ug/l 98
12) Methyl Acetate	4.33	43	138959	45.291	ug/l 99
13) Acrolein	3.61	56	73019	228.980	ug/l 98
14) Acrylonitrile	4.99	53	311666	236.422	ug/l 99
15) Acetone	3.82	58	69003	221.470	ug/l 92
16) Carbon Disulfide	4.06	76	511706	49.070	ug/l 97
17) Allyl chloride	4.33	41	283301	47.245	ug/l 96
18) Methylene Chloride	4.55	84	206043	47.266	ug/l 94
19) trans-1,2-Dichloroethene	5.05	96	189743	49.034	ug/l 97
20) Diisopropyl ether	5.95	45	651666	49.983	ug/l 98
21) 1,1-Dichloroethane	5.85	63	373375	49.031	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	224733	49.734	ug/l 99
23) tert-Butyl Alcohol	4.78	59	44546	214.180	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	487650	48.705	ug/l 99
25) Chloroform	7.37	83	376283	49.211	ug/l 96
26) Cyclohexane	7.66	56	335864	49.201	ug/l # 95
29) 1,1-Dichloropropene	7.80	75	291439	49.408	ug/l 98
30) 2-Butanone	6.83	43	364301	231.914	ug/l # 77
31) 2,2-Dichloropropane	6.83	77	294712	48.478	ug/l # 80
32) 1,1,1-Trichloroethane	7.57	97	325374	49.300	ug/l 98
33) Carbon Tetrachloride	7.78	117	284982	48.553	ug/l 97
34) Benzene	8.04	78	849547	49.188	ug/l # 94
35) Methacrylonitrile	7.17	41	101159	31.825	ug/l # 66
36) 1,2-Dichloroethane	8.12	62	276577	47.894	ug/l 100
37) Trichloroethene	8.84	130	213029	49.280	ug/l 92
38) Methylcyclohexane	9.08	83	348429	48.423	ug/l 98
39) 1,2-Dichloropropane	9.12	63	223972	48.716	ug/l 94
40) Dibromomethane	9.21	93	136954	48.327	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	287130	49.520	ug/l	98
42) Vinyl Acetate	5.90	43	2251282	244.808	ug/l	99
43) Ethyl Acetate	6.83	43	364301	33.318	ug/l #	86
44) Isopropyl Acetate	8.16	43	309682	47.380	ug/l	93
45) 1,4-Dioxane	9.20	88	27113	909.314	ug/l #	81
46) Methyl methacrylate	9.20	41	157385	48.374	ug/l	97
47) n-amyl Acetate	12.07	43	292764	49.375	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	282859	49.128	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	331226	49.842	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	183207	48.890	ug/l	97
51) Ethyl methacrylate	10.43	69	236702	48.874	ug/l	98
52) 1,3-Dichloropropane	10.71	76	315282	48.301	ug/l	100
53) Dibromochloromethane	10.90	129	201033	49.692	ug/l	100
54) 1,2-Dibromoethane	11.01	107	185472	48.808	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	663069	250.020	ug/l	99
56) Bromoform	12.13	173	116412	49.821	ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	853133	234.764	ug/l	100
59) 2-Hexanone	10.75	43	578921	231.370	ug/l	99
61) Tetrachloroethene	10.63	164	177131	48.025	ug/l	98
62) Toluene	10.16	91	935394	49.134	ug/l	99
64) Chlorobenzene	11.43	112	582894	48.310	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	203584	49.574	ug/l	99
66) Ethyl Benzene	11.51	91	1018615	49.534	ug/l	99
67) m/p-Xylenes	11.62	106	787495	99.468	ug/l	98
68) o-Xylene	11.95	106	382180	50.632	ug/l	94
69) Styrene	11.96	104	609485	50.108	ug/l	97
70) Isopropylbenzene	12.25	105	1012279	49.957	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	216372	48.548	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	178686m	48.215	ug/l	
73) Bromobenzene	12.53	156	226994	50.557	ug/l	93
74) n-propylbenzene	12.59	91	1174863	49.790	ug/l	99
75) 2-Chlorotoluene	12.67	91	669761	49.233	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	815193	50.172	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	60382	49.245	ug/l	93
78) 4-Chlorotoluene	12.77	91	689844	50.356	ug/l	99
79) tert-butylbenzene	12.99	119	713670	50.423	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	813005	50.227	ug/l	98
81) sec-Butylbenzene	13.17	105	978450	50.233	ug/l	99
82) p-Isopropyltoluene	13.29	119	841467	51.119	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	401013	50.494	ug/l	97
84) 1,4-Dichlorobenzene	13.36	146	395948	50.362	ug/l	98
85) n-Butylbenzene	13.62	91	716714	50.306	ug/l	99
86) Hexachloroethane	13.88	117	138456	49.843	ug/l	93
87) 1,2-Dichlorobenzene	13.65	146	383411	50.813	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	30131	49.441	ug/l	96
89) 1,2,4-Trichlorobenzene	14.91	180	155071	50.628	ug/l	98
90) Hexachlorobutadiene	15.01	225	80080	47.787	ug/l	96
91) Naphthalene	15.13	128	349675	49.530	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	130444	48.864	ug/l	98

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ClientSampleId :
VSTDICC050

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QLast Update : Fri Nov 02 05:15:09 2018
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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

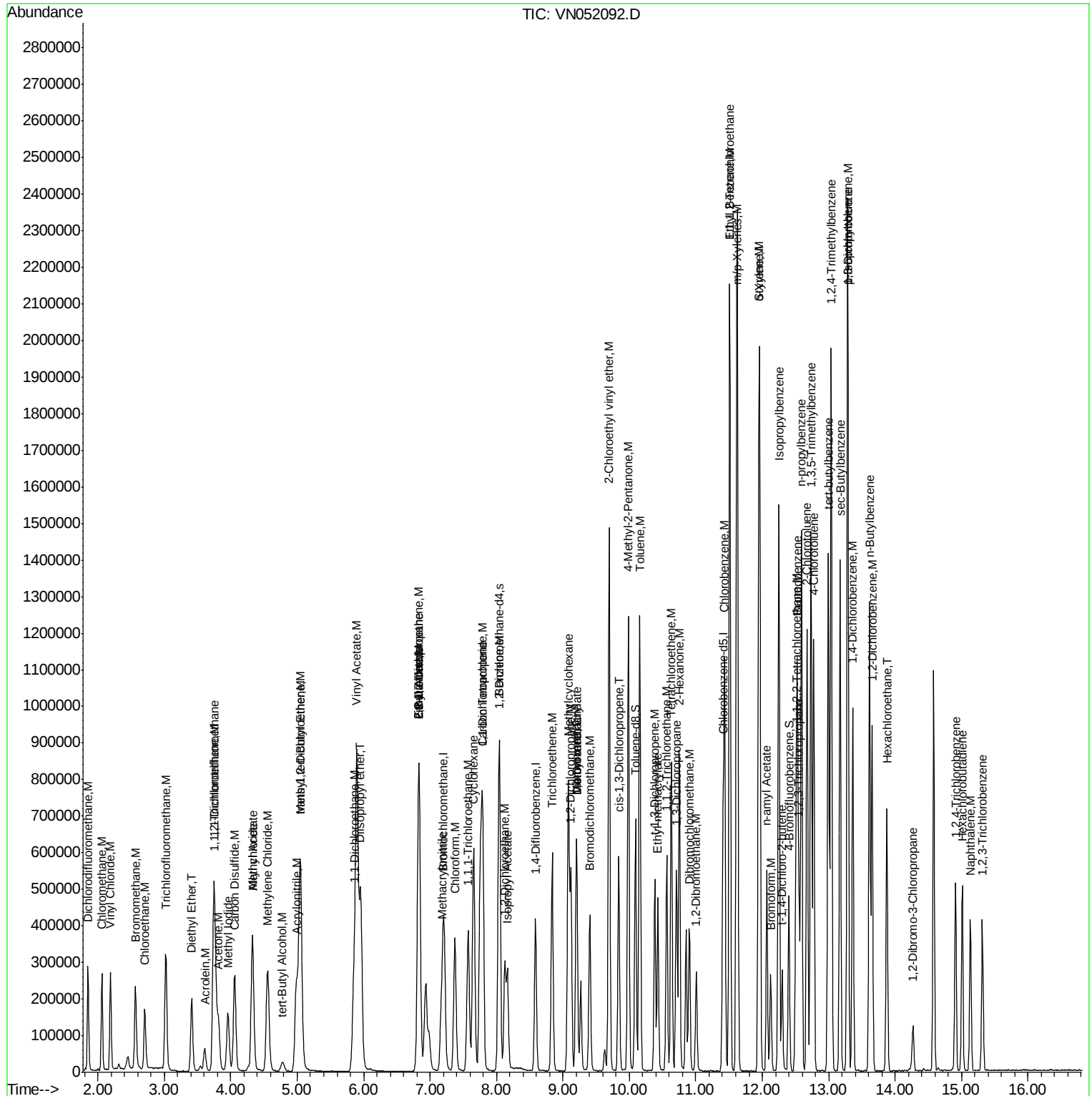
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Data File : VN052092.D
Acq On : 1 Nov 2018 9:15
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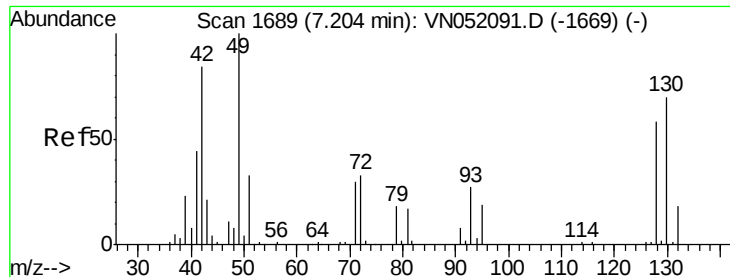
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050

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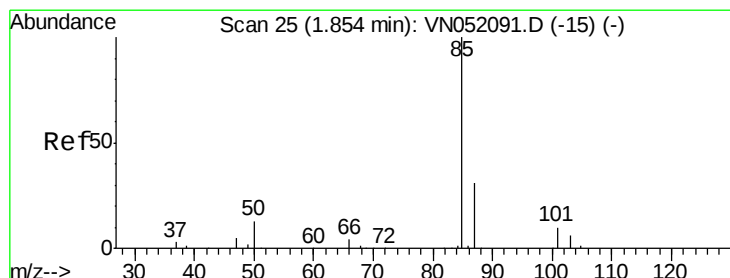
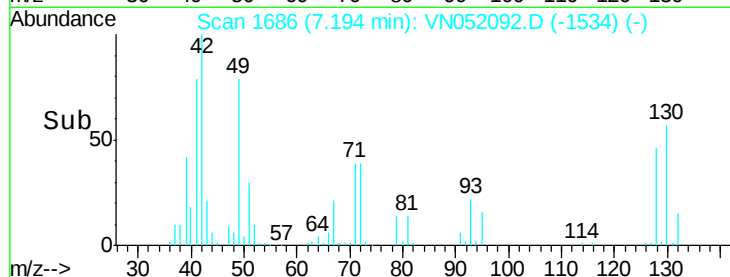
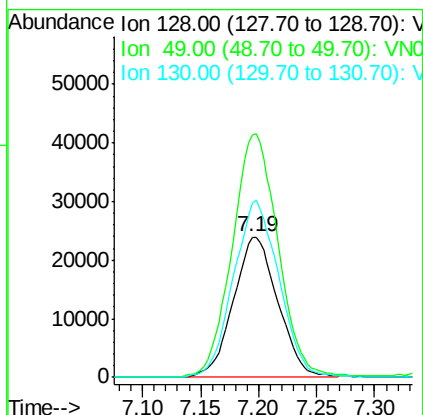
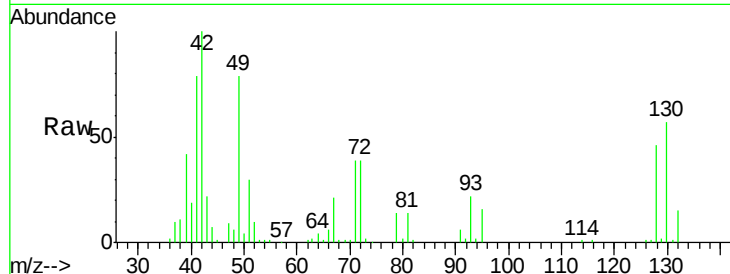
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
128	100		
49	178.5	0.0	453.7
130	128.9	0.0	308.8

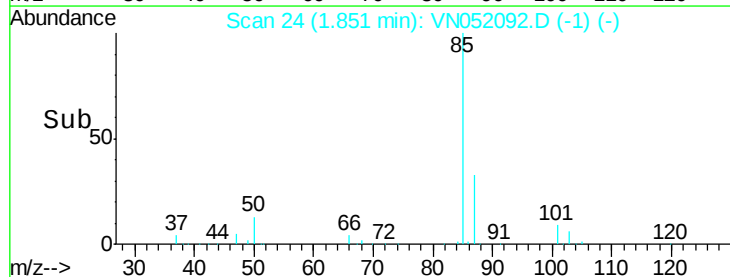
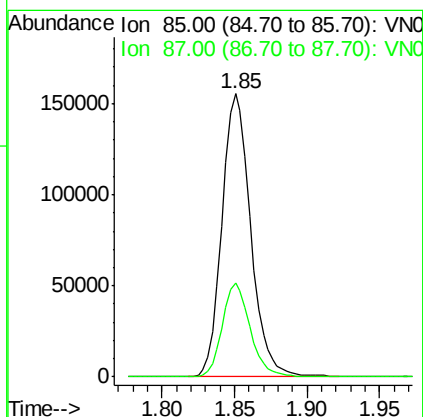
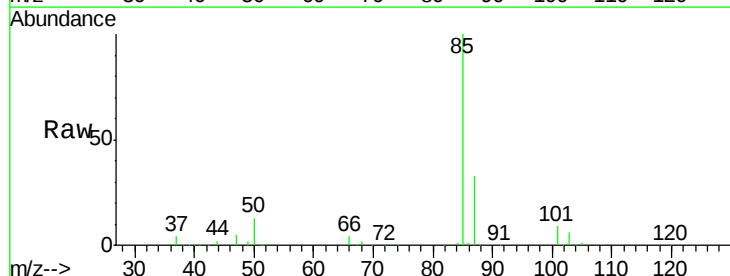
Manual Integrations
APPROVED

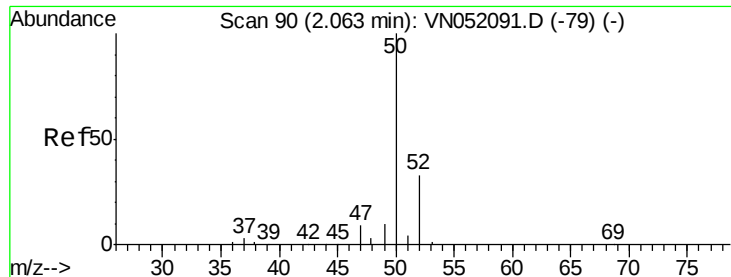
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#2
Dichlorodifluoromethane
Concen: 50.318 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3

Chloromethane

Concen: 49.576 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 50 Resp: 241680

Ion Ratio Lower Upper

50 100

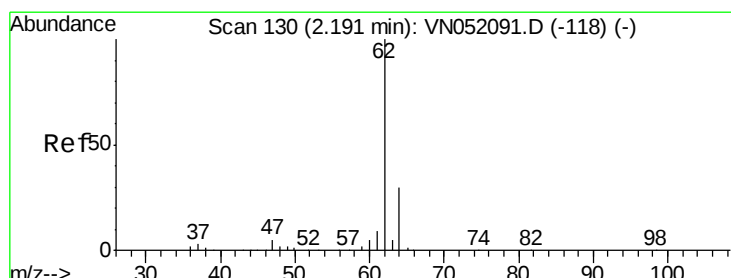
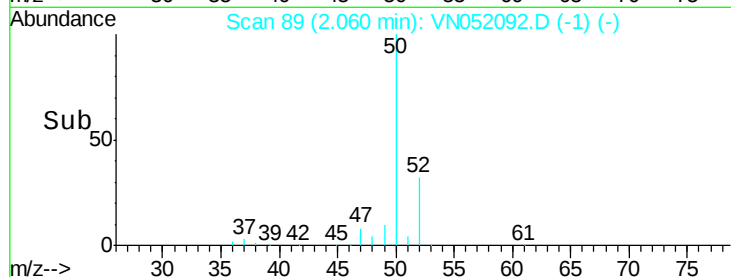
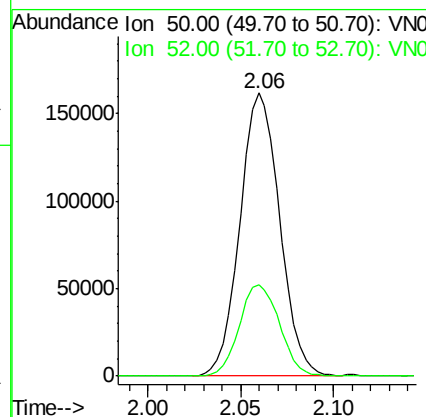
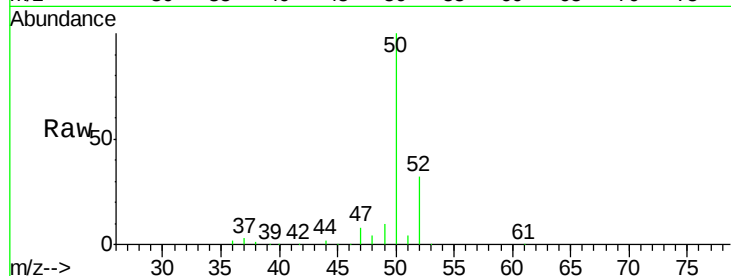
52 32.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.218 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052092.D

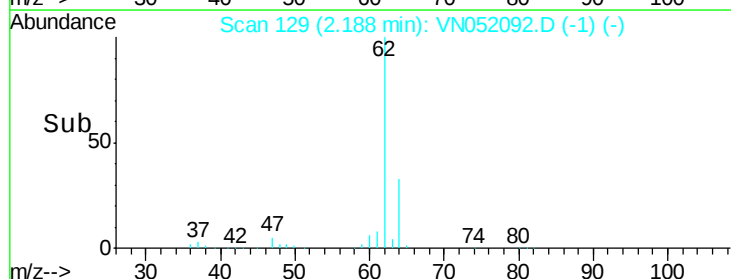
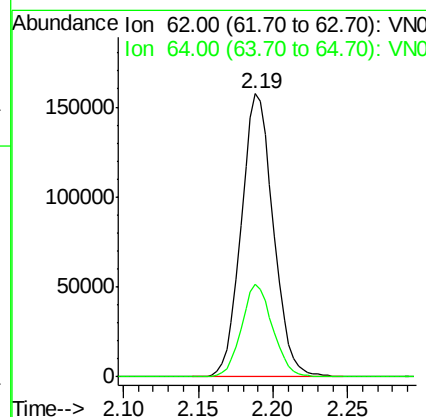
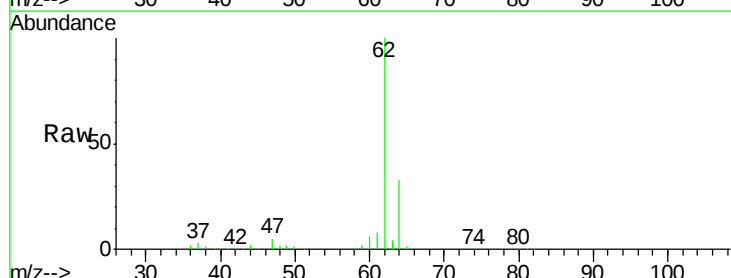
Acq: 1 Nov 2018 9:15

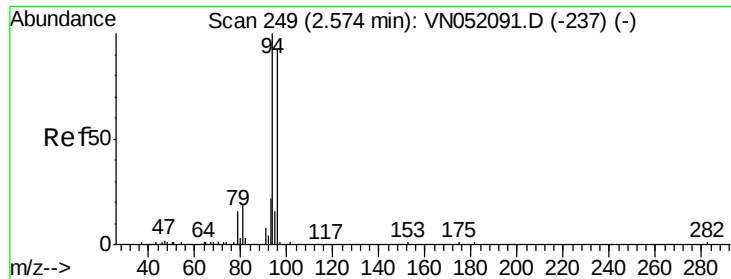
Tgt Ion: 62 Resp: 235372

Ion Ratio Lower Upper

62 100

64 32.5 24.2 36.4





#5

Bromomethane

Concen: 47.878 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 94 Resp: 156282

Ion Ratio Lower Upper

94 100

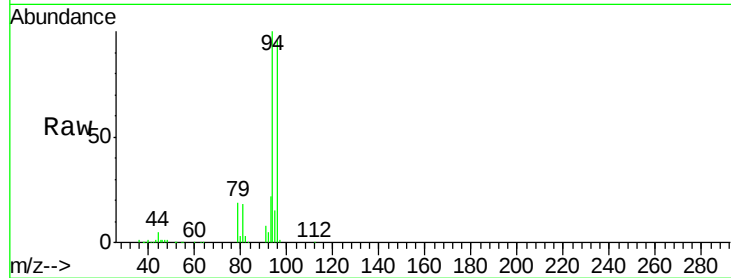
96 96.2 73.4 110.0

Manual Integrations

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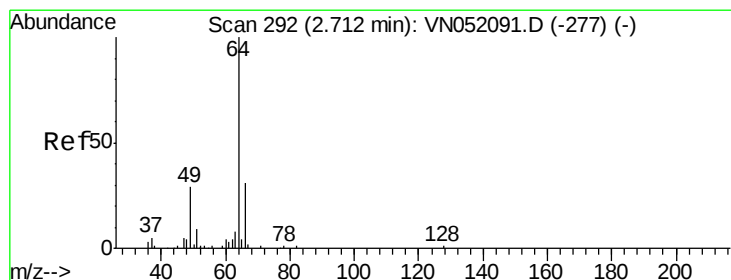
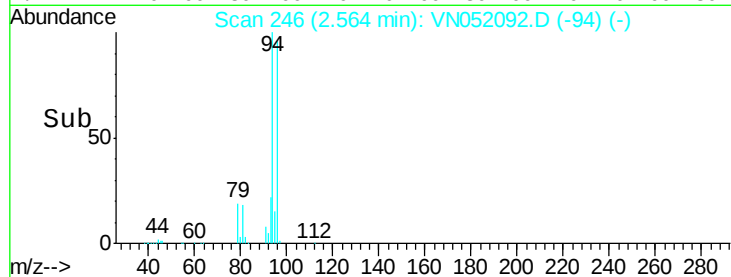
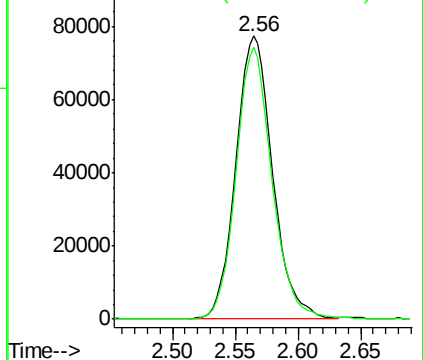
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 48.905 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.01 min

Lab File: VN052092.D

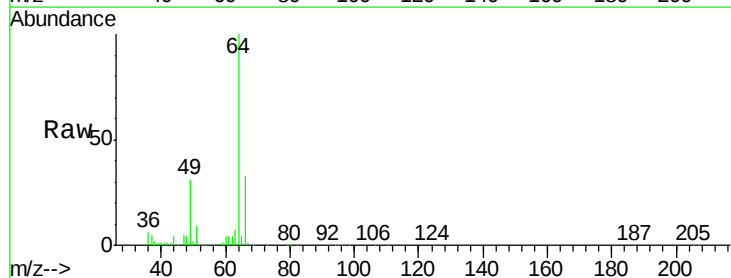
Acq: 1 Nov 2018 9:15

Tgt Ion: 64 Resp: 149543

Ion Ratio Lower Upper

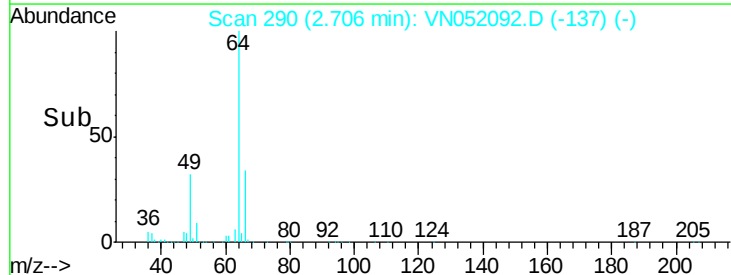
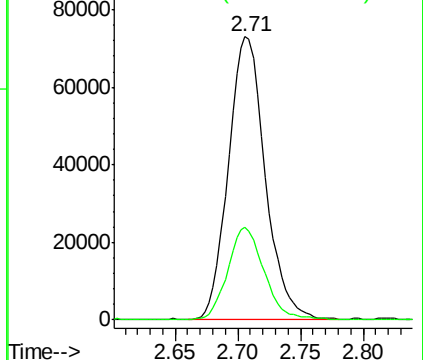
64 100

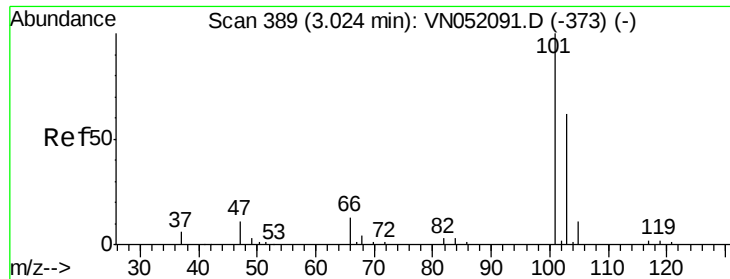
66 32.7 24.7 37.1



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

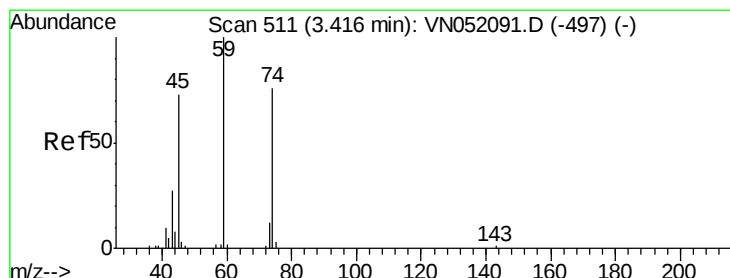
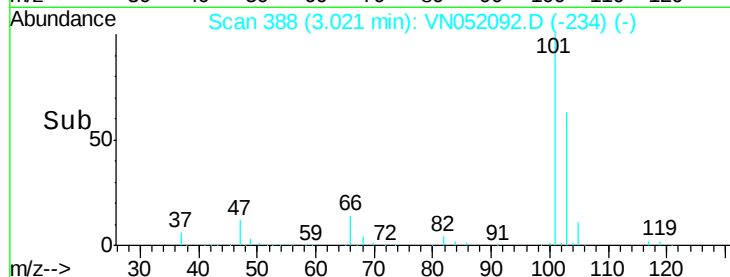
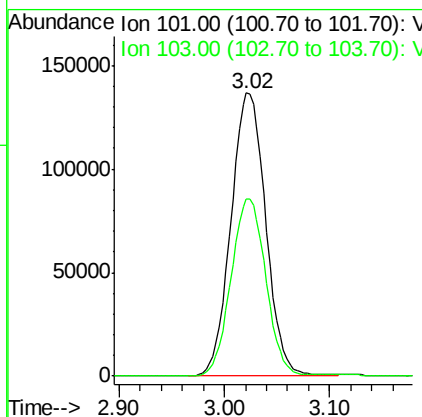
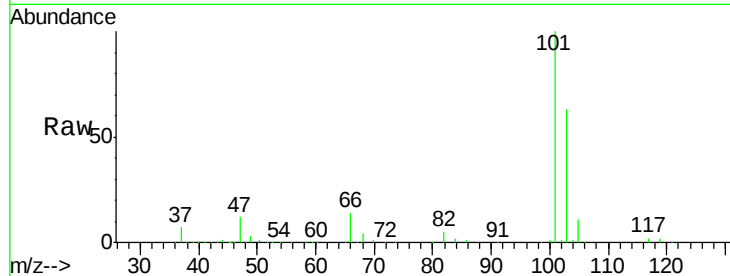
Trichlorofluoromethane
Concen: 48.388 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.7	49.5	74.3

Manual Integrations
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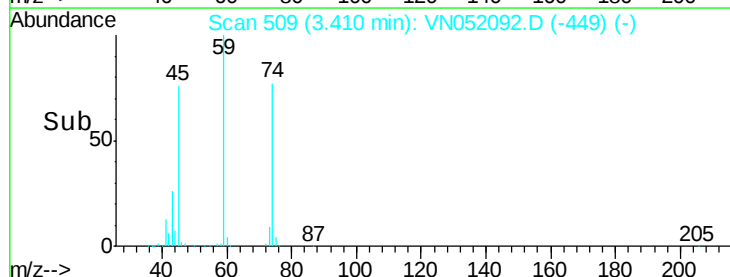
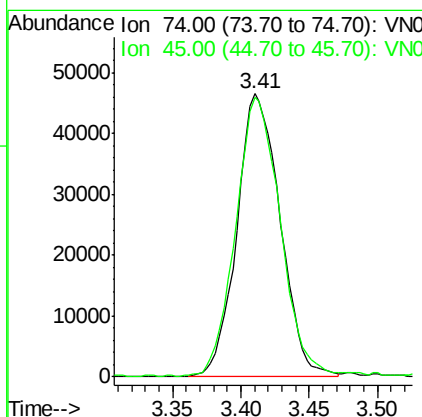
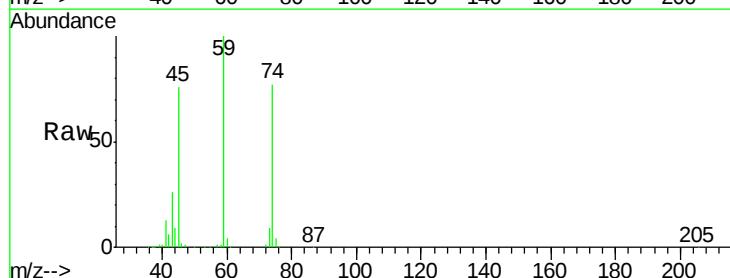
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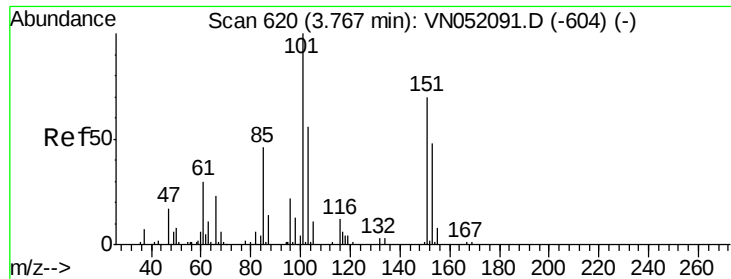


#8

Diethyl Ether
Concen: 47.012 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.01 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	19.4	174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.681 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

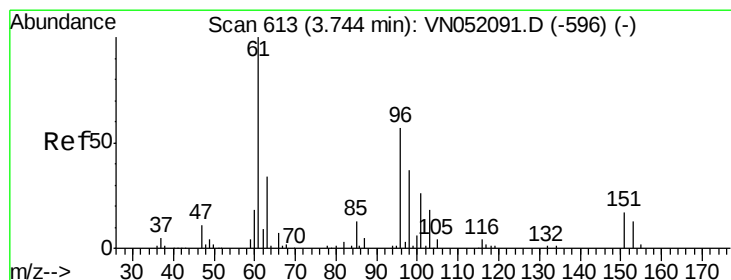
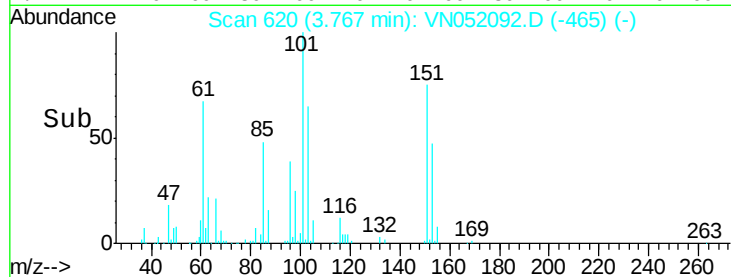
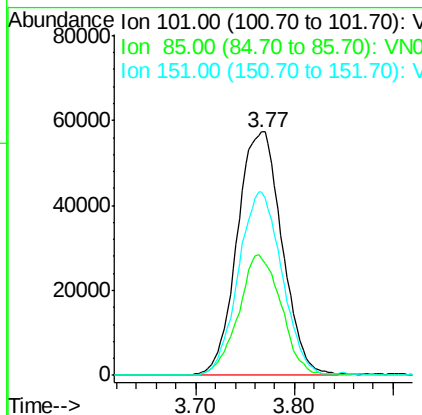
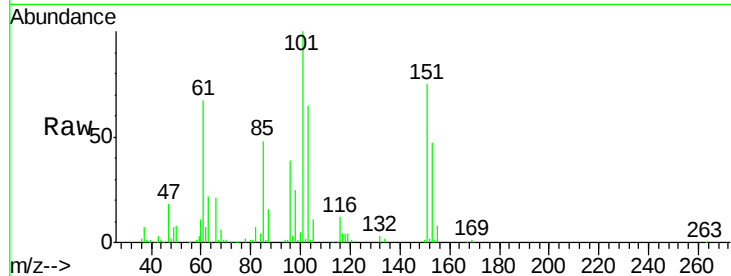
ClientSampleId :

VSTDIC050

Tgt Ion:	101	Resp:	180473
Ion Ratio	Lower	Upper	
101	100		
85	47.0	0.0	98.0
151	72.7	0.0	139.6

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#10

1,1-Dichloroethene

Concen: 48.154 ug/l

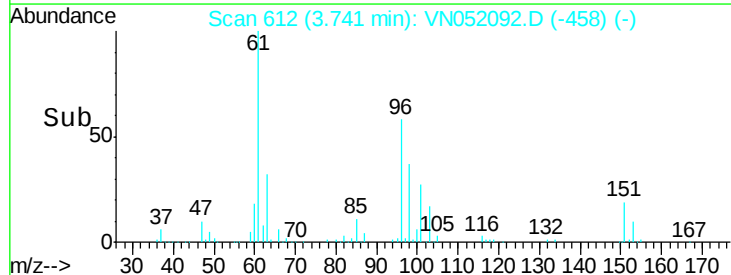
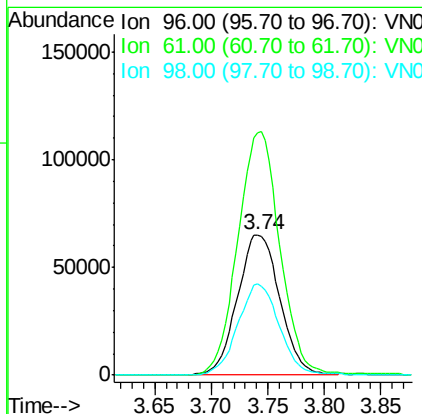
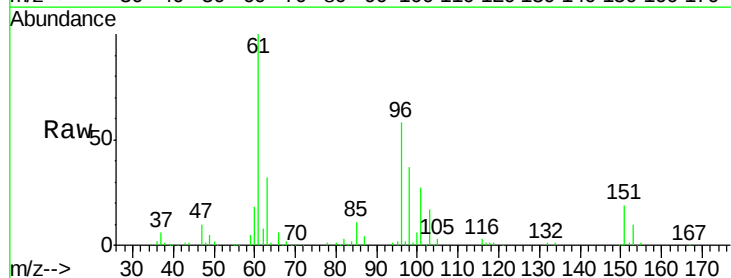
RT: 3.74 min Scan# 612

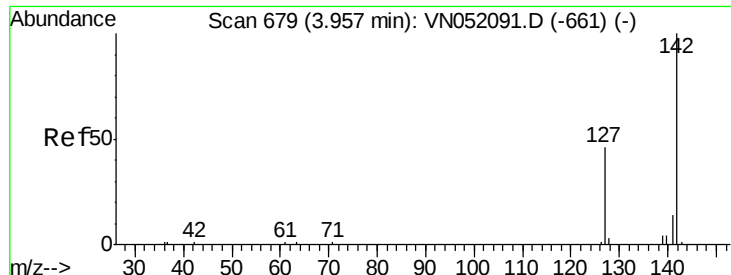
Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Tgt Ion:	96	Resp:	170066
Ion Ratio	Lower	Upper	
96	100		
61	172.5	140.3	210.5
98	64.7	52.0	78.0





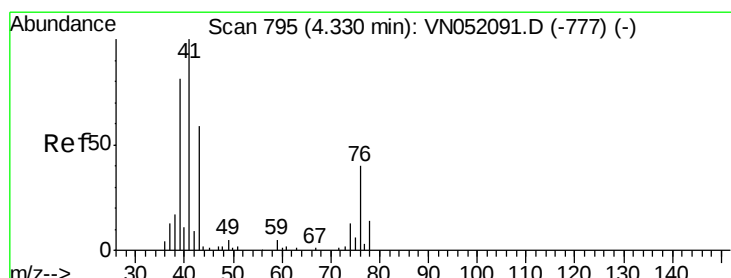
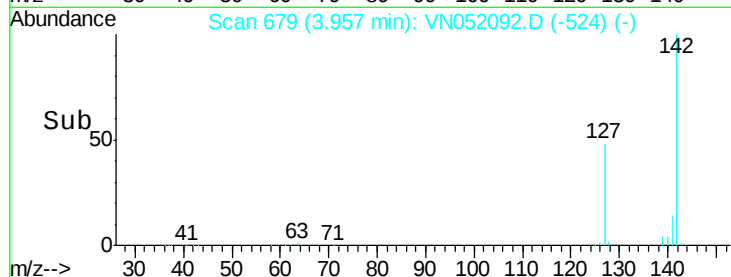
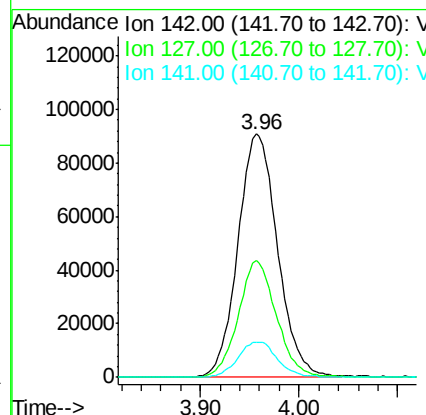
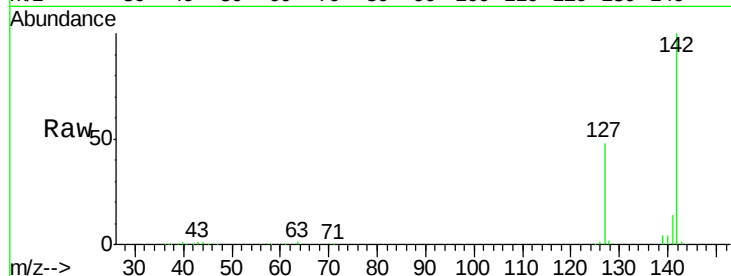
#11
Methyl Iodide
Concen: 49.605 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.0	23.1	69.2
141	14.2	7.0	20.9

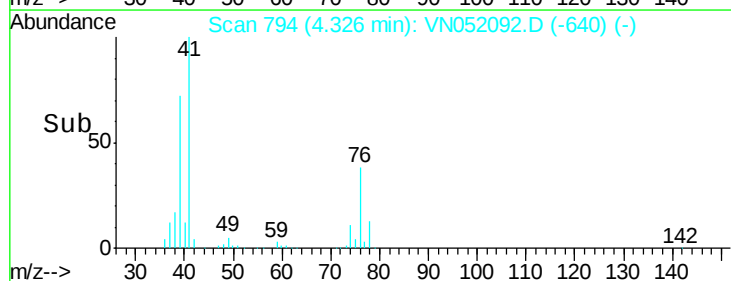
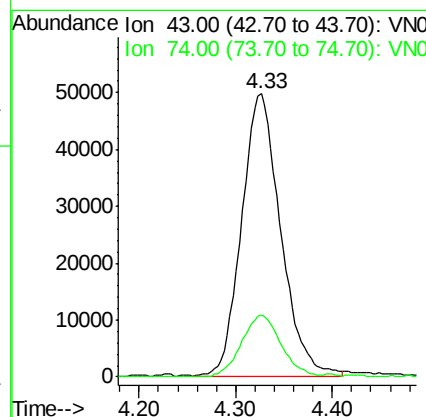
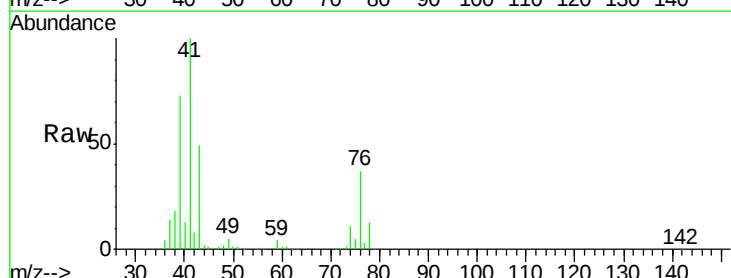
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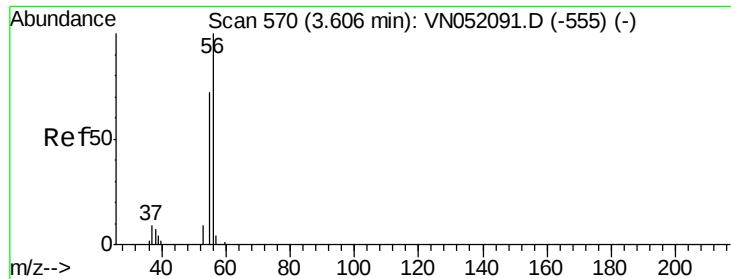
MMDadoda
11/2/2018 9:21:05 AM



#12
Methyl Acetate
Concen: 45.291 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2





#13

Acrolein

Concen: 228.980 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 56 Resp: 73019

Ion Ratio Lower Upper

56 100

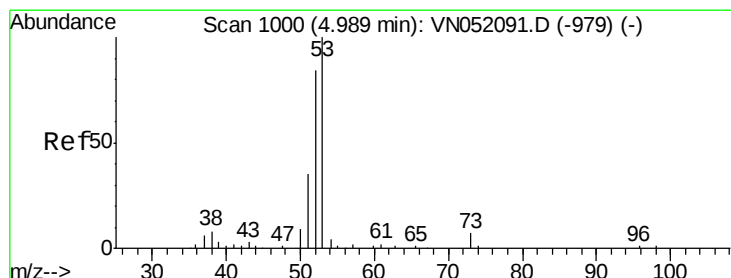
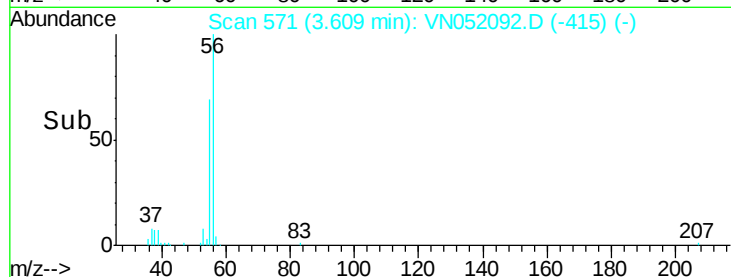
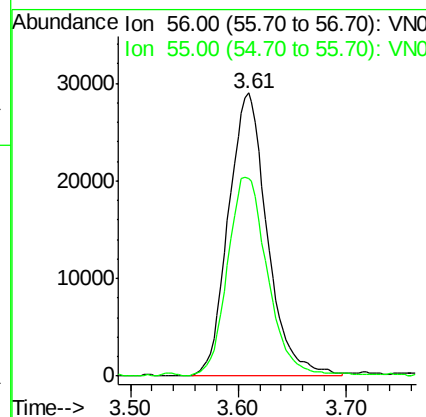
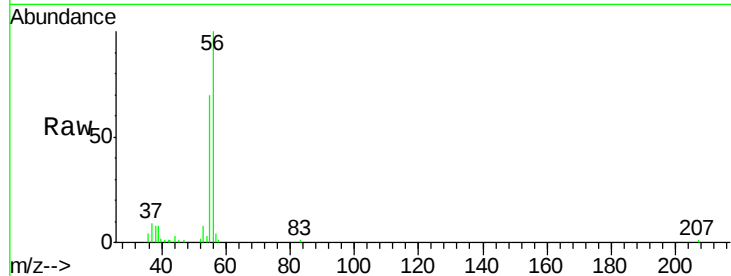
55 72.0 56.2 84.2

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#14

Acrylonitrile

Concen: 236.422 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

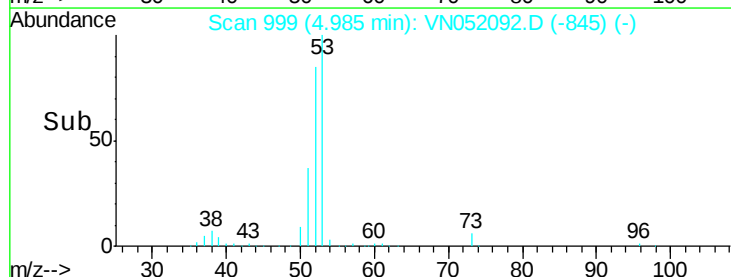
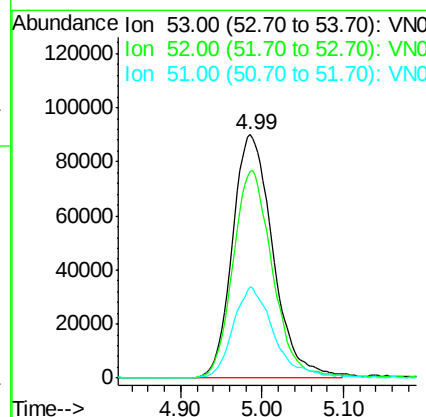
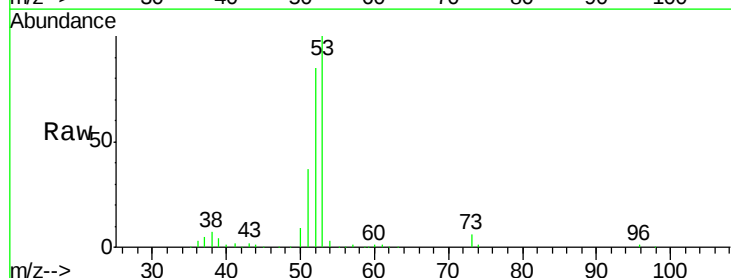
Tgt Ion: 53 Resp: 311666

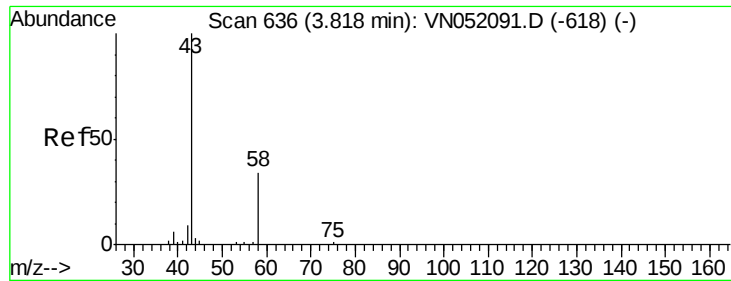
Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

51 35.8 18.6 55.6





#15

Acetone

Concen: 221.470 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 58 Resp: 69003

Ion Ratio Lower Upper

58 100

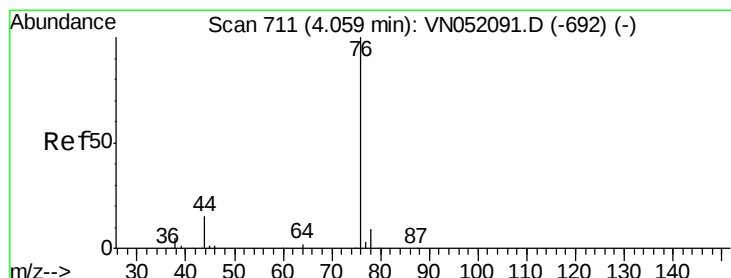
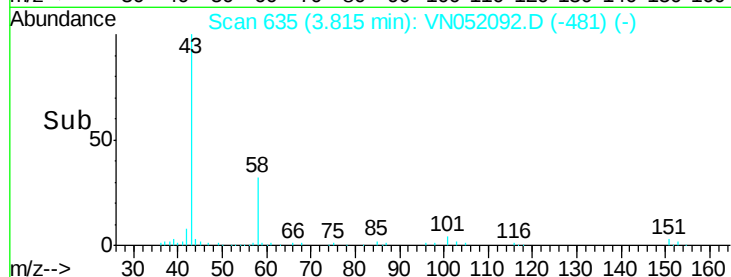
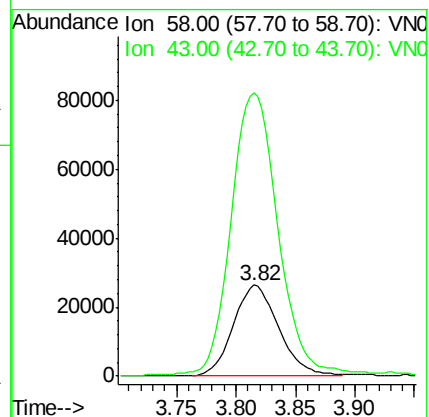
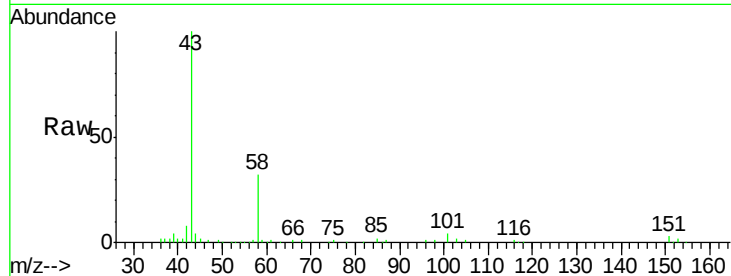
43 309.0 234.7 352.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 49.070 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN052092.D

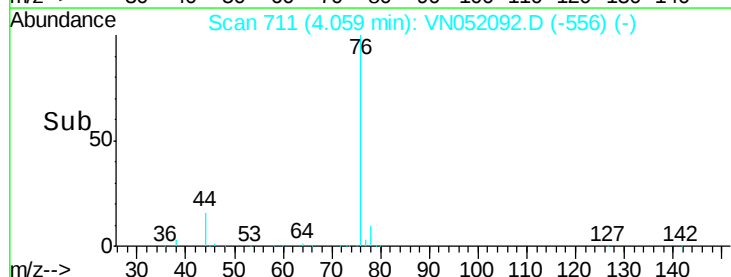
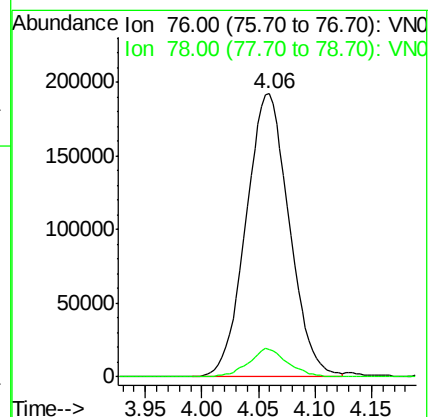
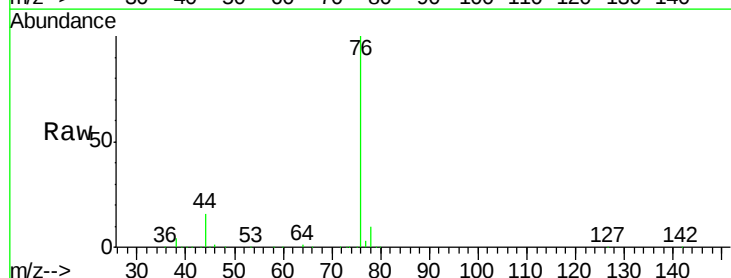
Acq: 1 Nov 2018 9:15

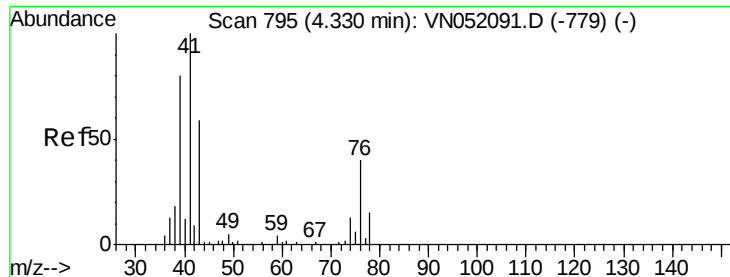
Tgt Ion: 76 Resp: 511706

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6





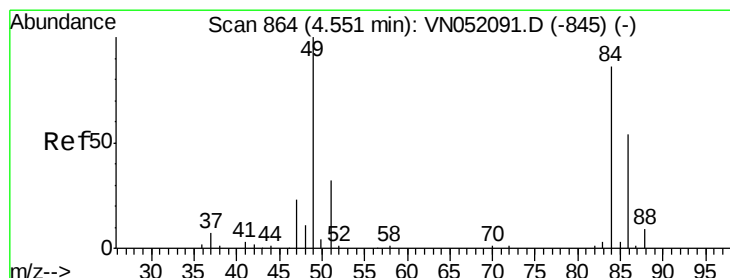
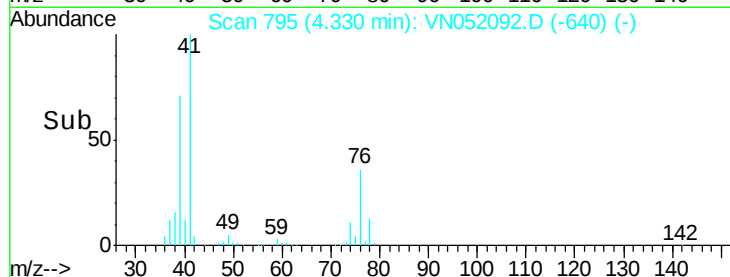
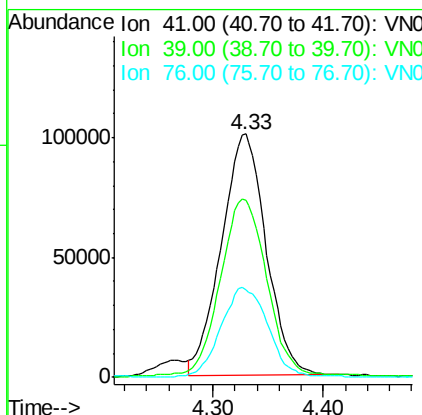
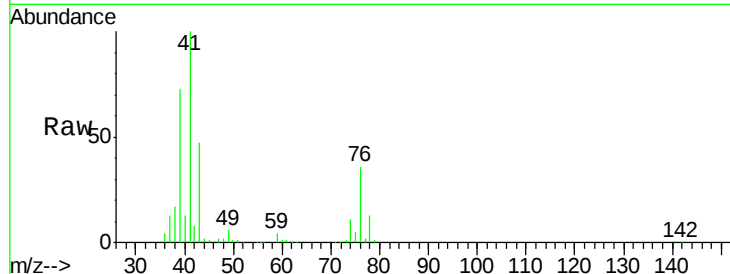
#17
 Allyl chloride
 Concen: 47.245 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

Tgt Ion:	41	Resp:	283301
Ion	Ratio	Lower	Upper
41	100		
39	72.5	38.4	115.1
76	35.7	18.8	56.3

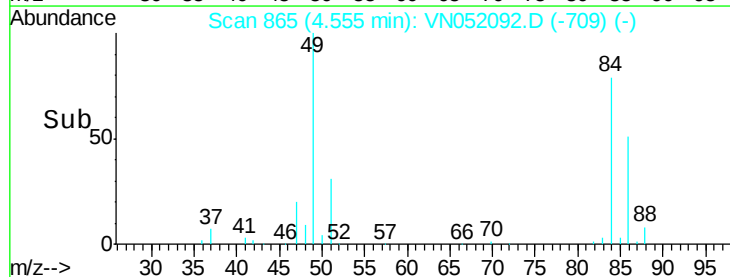
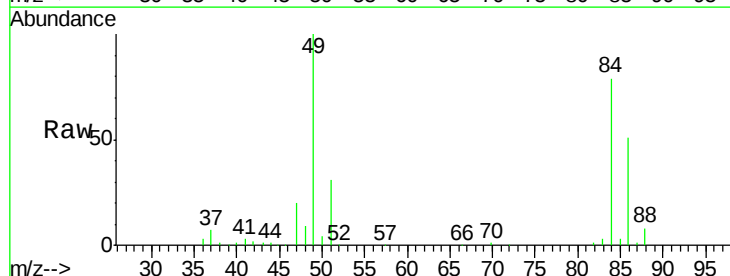
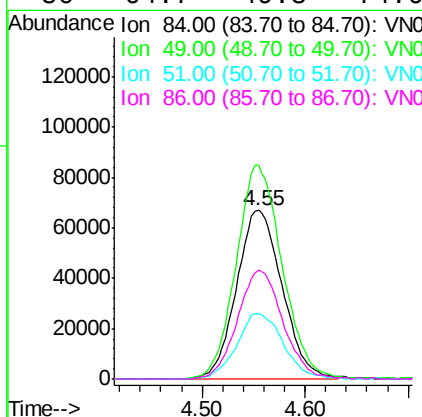
Manual Integrations
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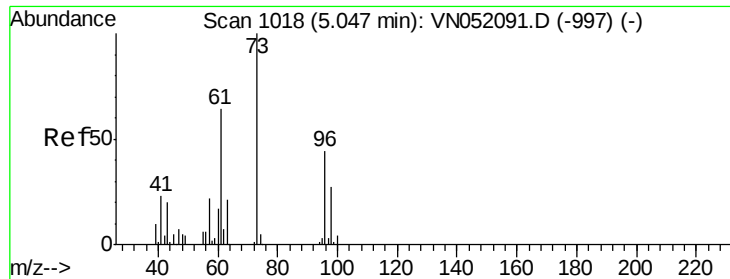
MMDadoda
 11/2/2018 9:21:05 AM



#18
 Methylene Chloride
 Concen: 47.266 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion:	84	Resp:	206043
Ion	Ratio	Lower	Upper
84	100		
49	125.7	92.6	138.8
51	38.7	29.7	44.5
86	64.7	49.8	74.6





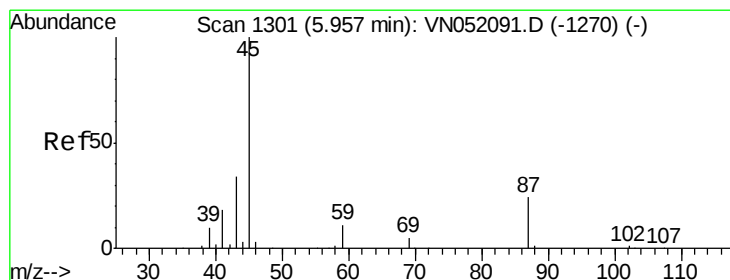
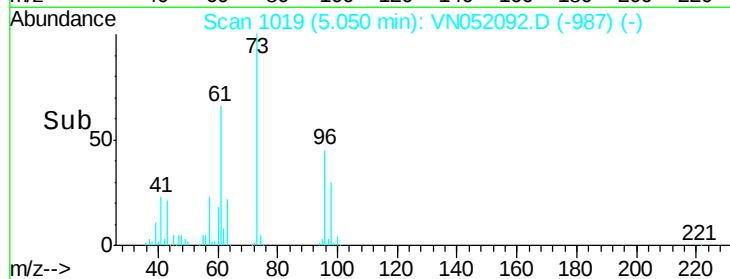
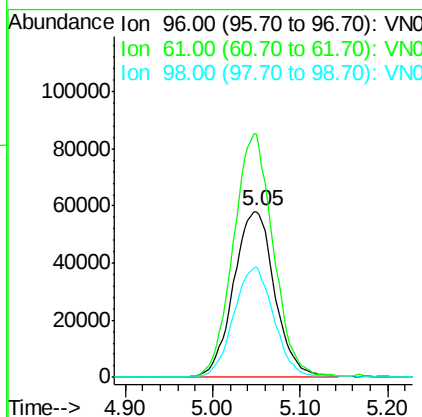
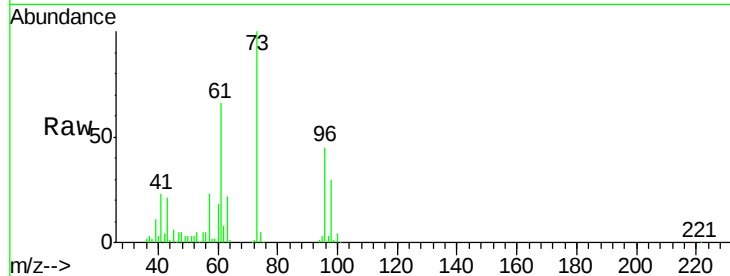
#19
trans-1,2-Dichloroethene
Concen: 49.034 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.8	176.6
98	66.7	49.3	73.9

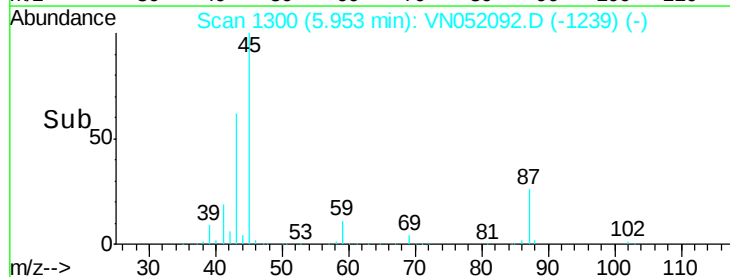
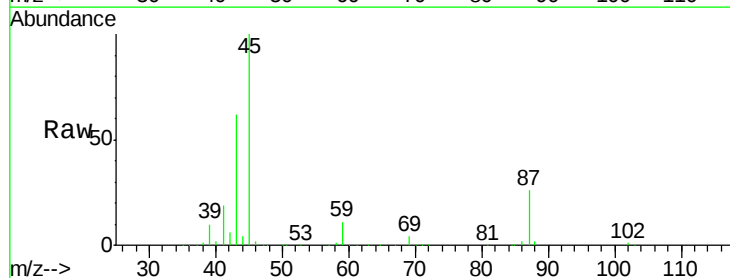
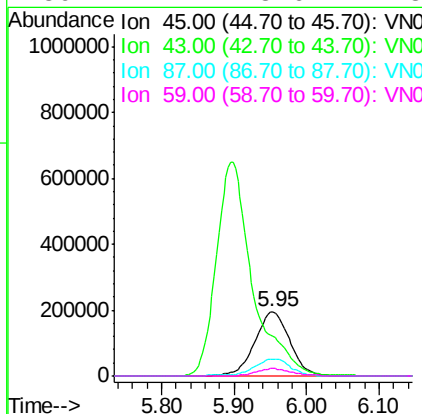
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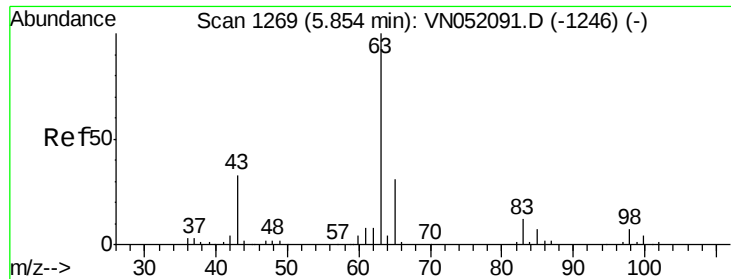
MMDadoda
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#20
Diisopropyl ether
Concen: 49.983 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.4	74.0
87	26.3	20.3	30.5
59	11.2	8.6	12.8





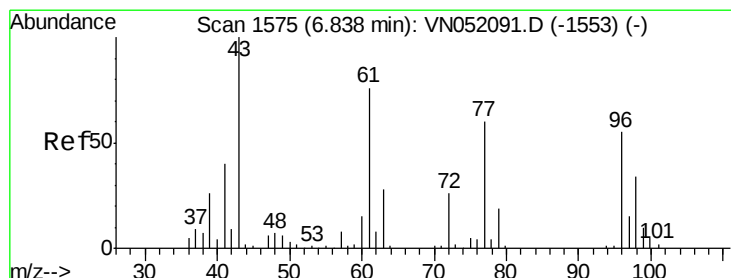
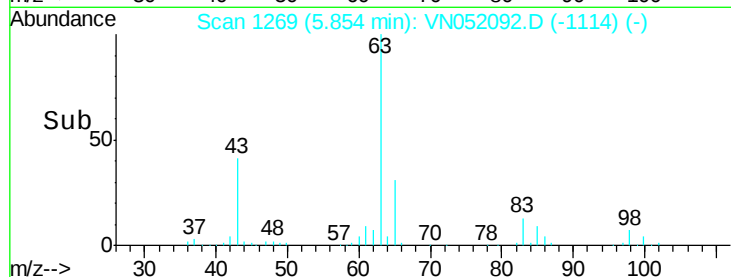
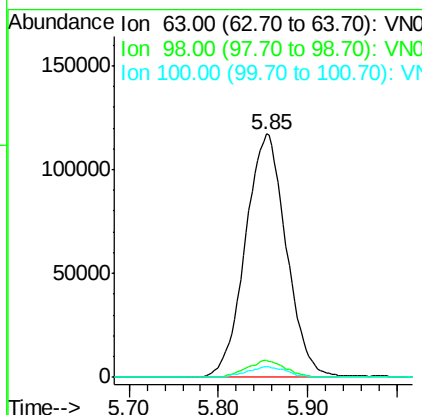
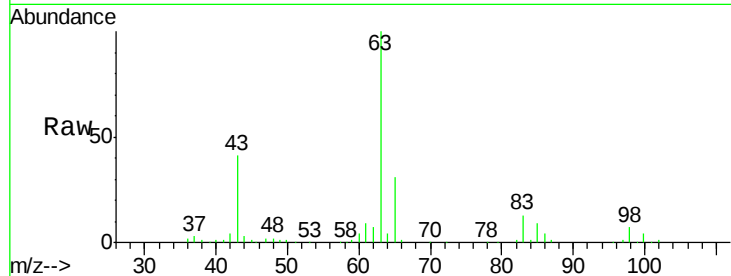
#21
 1,1-Dichloroethane
 Concen: 49.031 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	373375		
98	6.9	3.4	10.1	
100	4.4	2.0	5.8	

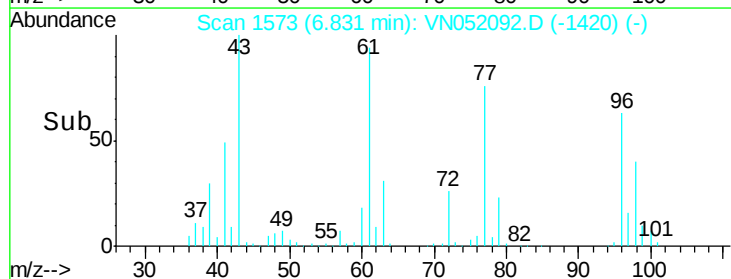
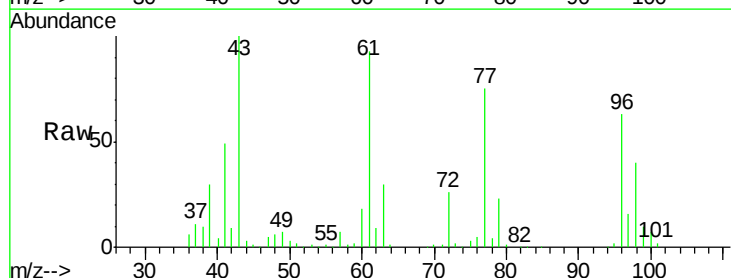
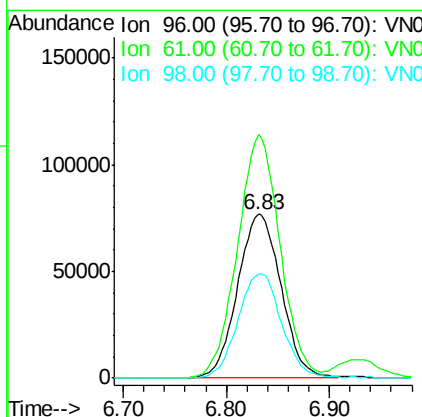
Manual Integrations
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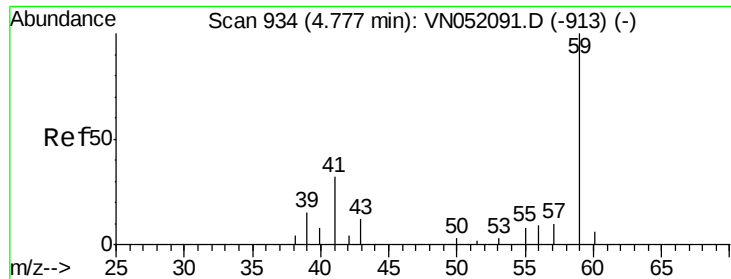
MMDadoda
 11/2/2018 9:21:05 AM



#22
 cis-1,2-Dichloroethene
 Concen: 49.734 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	224733		
61	145.9	117.6	176.4	
98	64.0	51.0	76.4	





#23

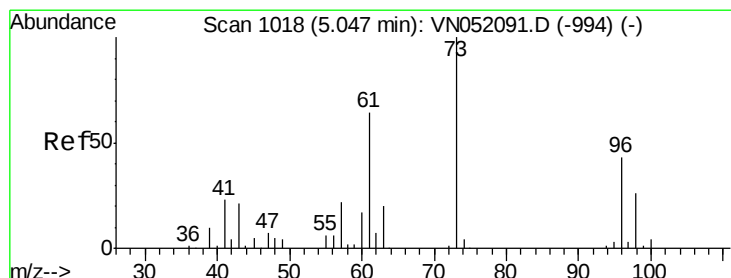
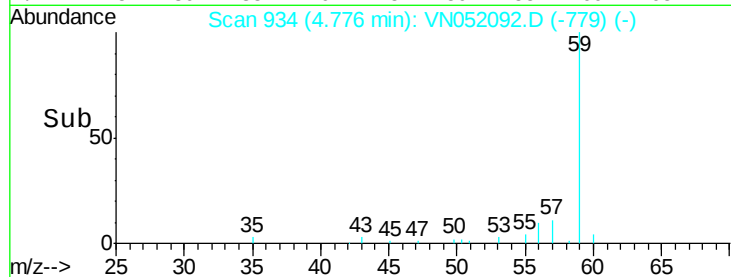
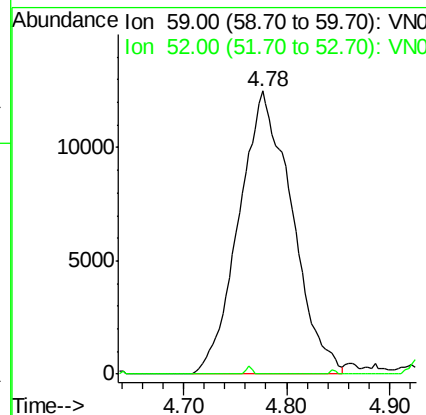
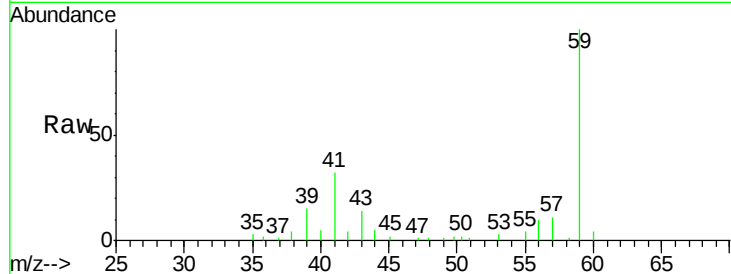
tert-Butyl Alcohol
Concen: 214.180 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 44546
Ion Ratio Lower Upper
59 100
52 0.3 0.3 0.5#

Manual Integrations
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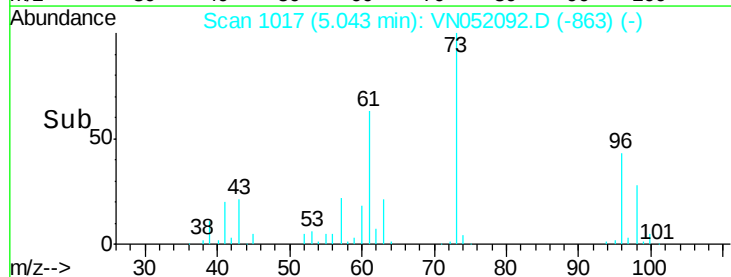
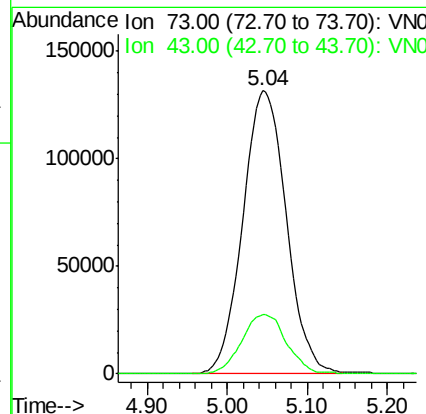
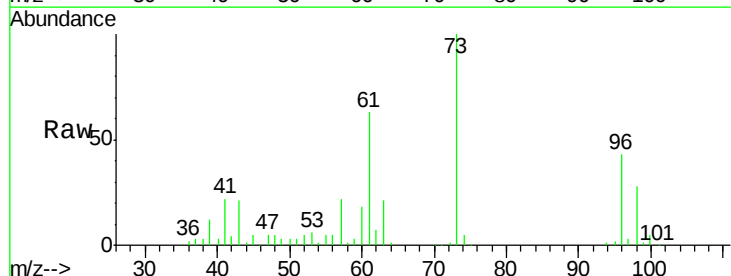
MMDadoda
11/2/2018 9:21:05 AM

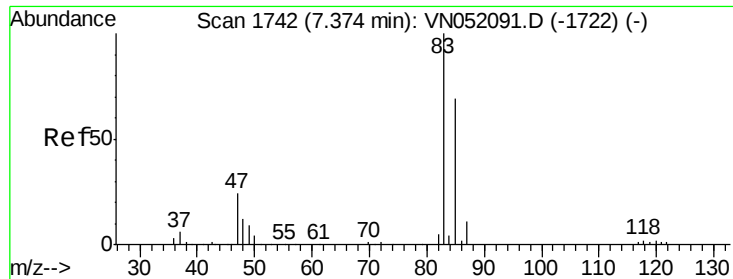


#24

Methyl tert-Butyl Ether
Concen: 48.705 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion: 73 Resp: 487650
Ion Ratio Lower Upper
73 100
43 21.2 17.4 26.2





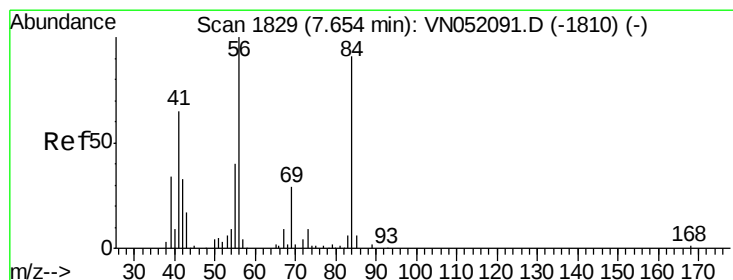
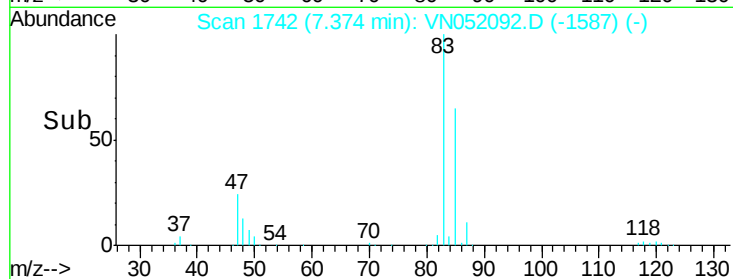
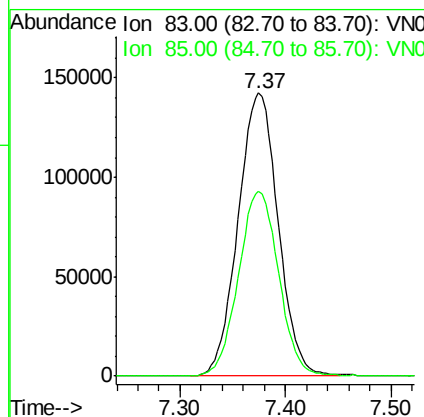
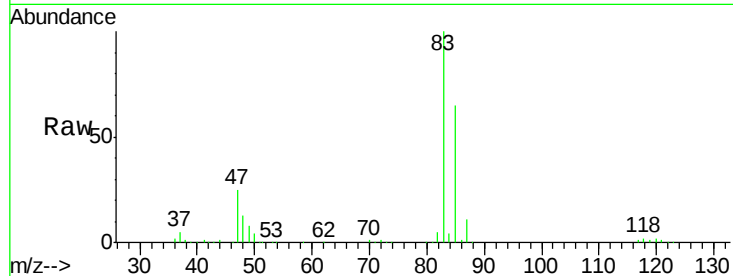
#25
Chloroform
Concen: 49.211 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 376283
Ion Ratio Lower Upper
83 100
85 65.5 54.9 82.3

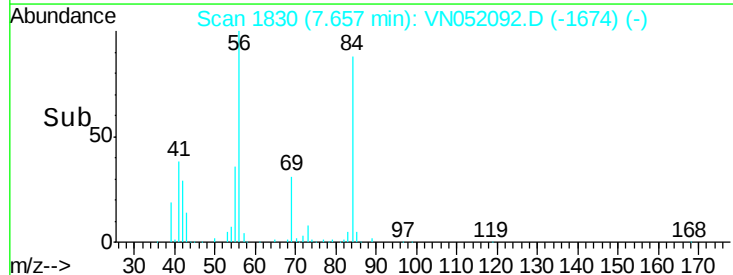
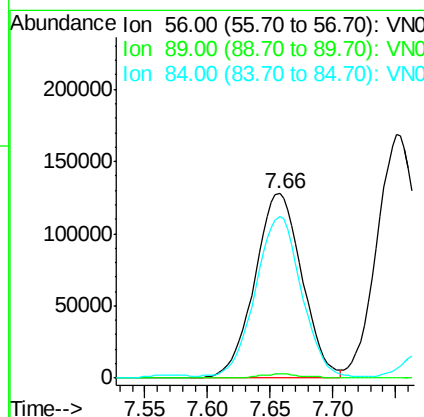
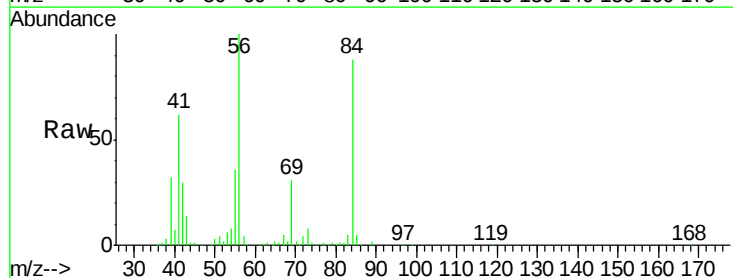
Manual Integrations
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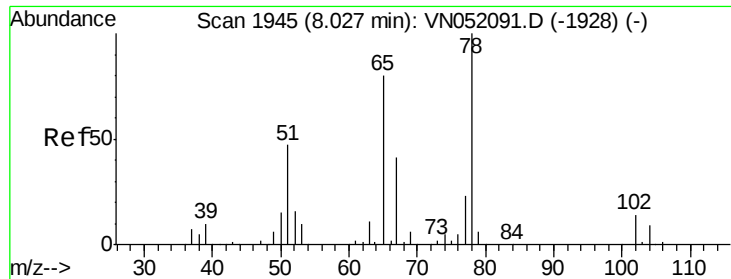
MMDadoda
11/2/2018 9:21:05 AM



#26
Cyclohexane
Concen: 49.201 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion: 56 Resp: 335864
Ion Ratio Lower Upper
56 100
89 1.6 2.2 3.2#
84 84.1 71.0 106.6





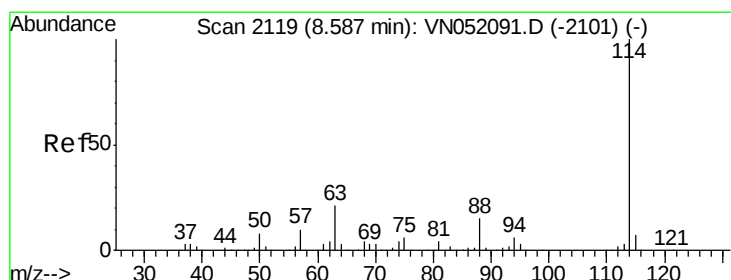
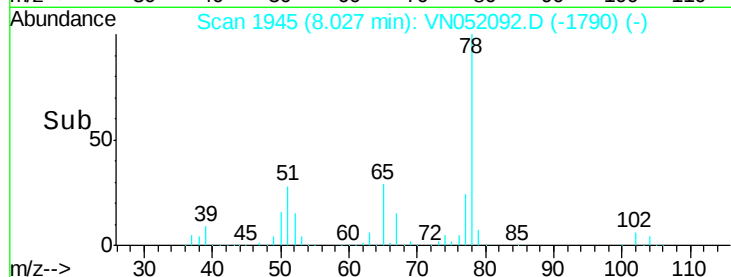
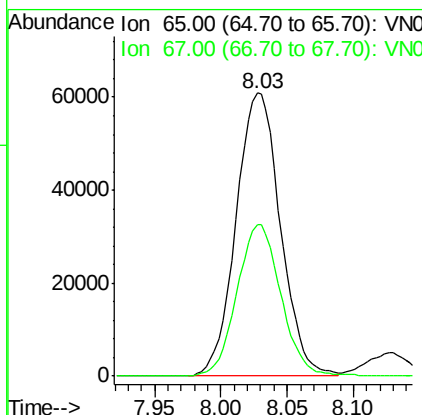
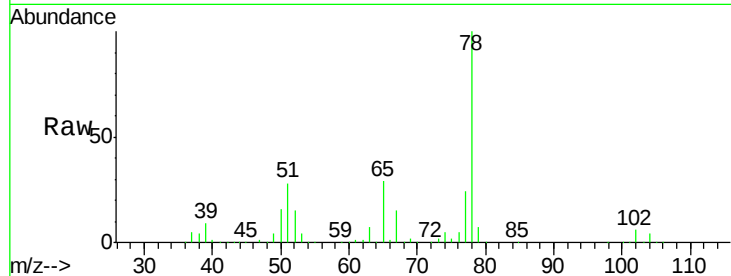
#27
 1,2-Dichloroethane-d4
 Concen: 49.201 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 65 Resp: 141607
 Ion Ratio Lower Upper
 65 100
 67 52.8 42.6 64.0

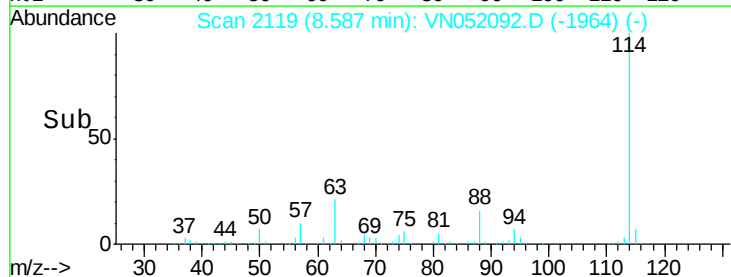
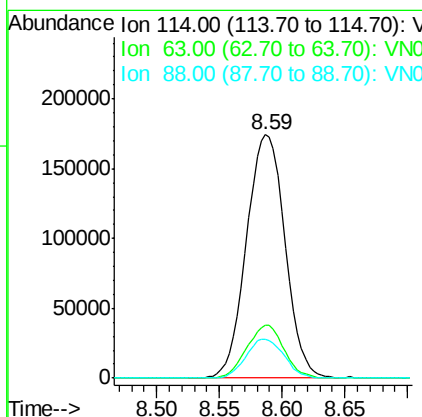
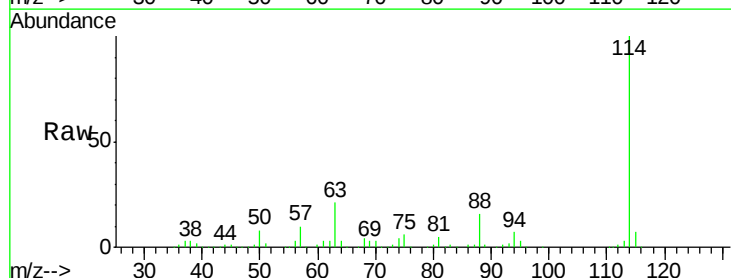
Manual Integrations
 APPROVED

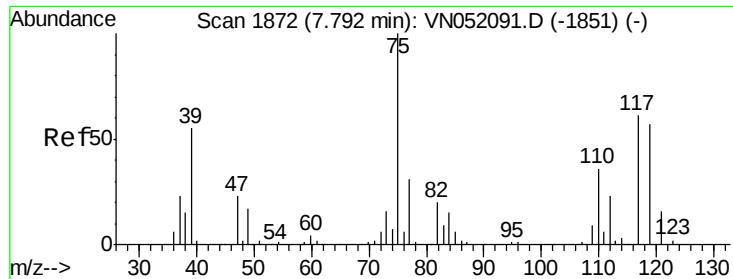
MMDadoda
 11/2/2018 9:21:05 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion: 114 Resp: 371532
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.5 26.3
 88 15.7 12.6 18.8





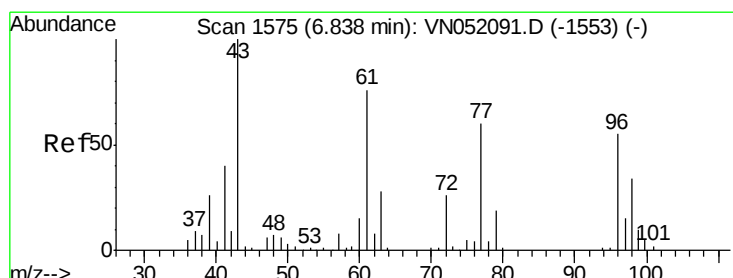
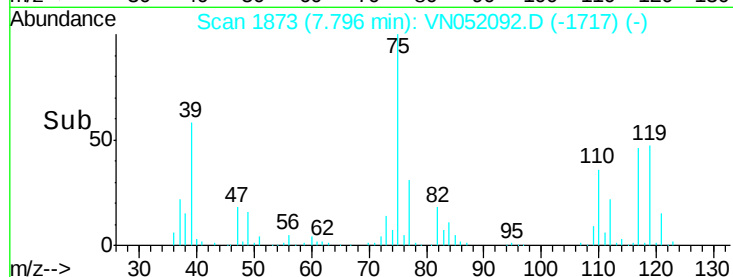
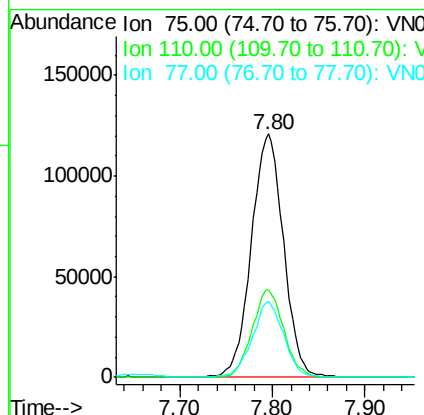
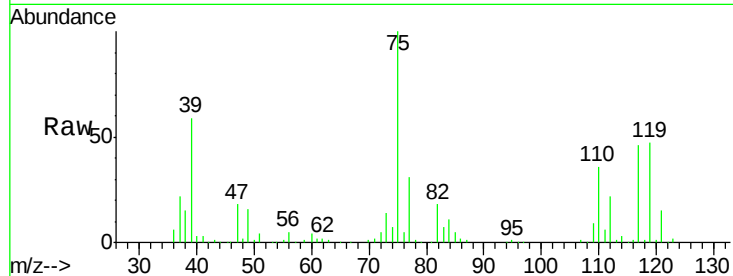
#29
 1,1-Dichloropropene
 Concen: 49.408 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	35.1	0.0	67.6
77	30.6	0.0	60.2

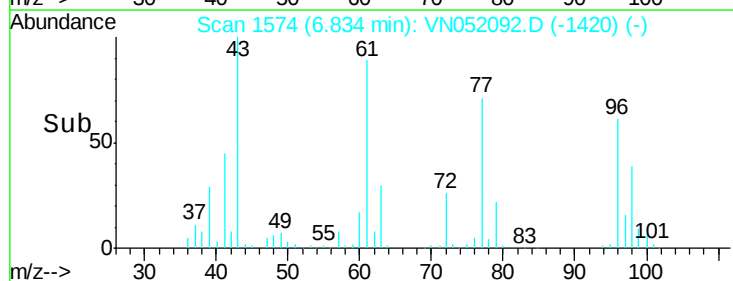
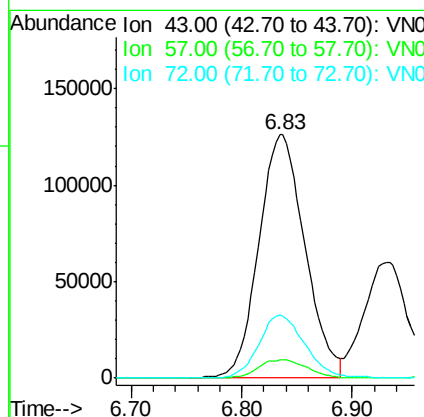
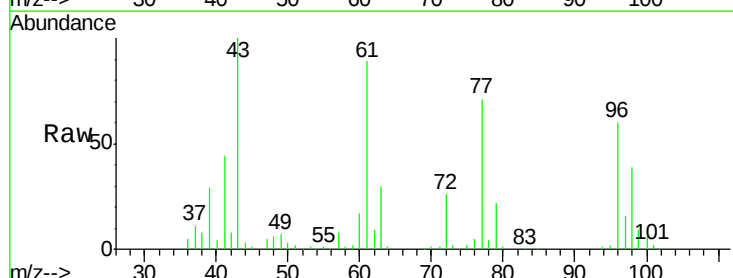
Manual Integrations
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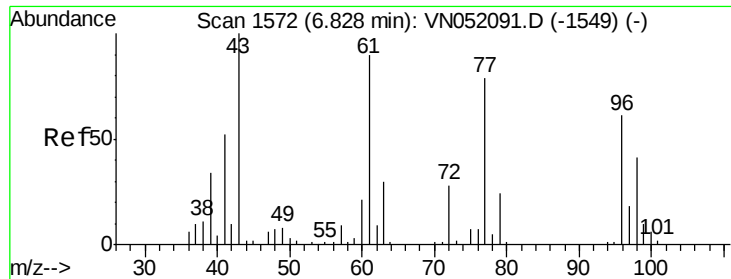
MMDadoda
 11/2/2018 9:21:05 AM



#30
 2-Butanone
 Concen: 231.914 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	7.7	6.6	9.8
72	26.2	9.2	13.8





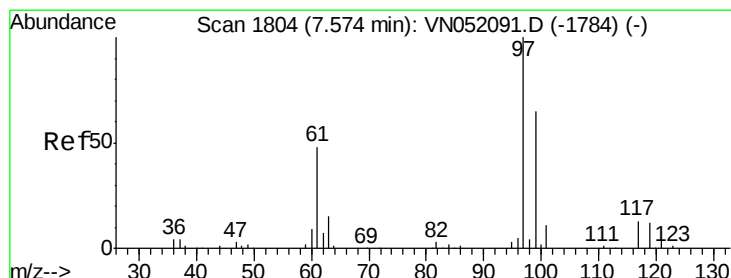
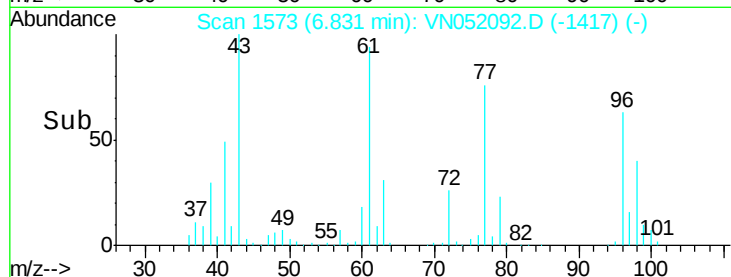
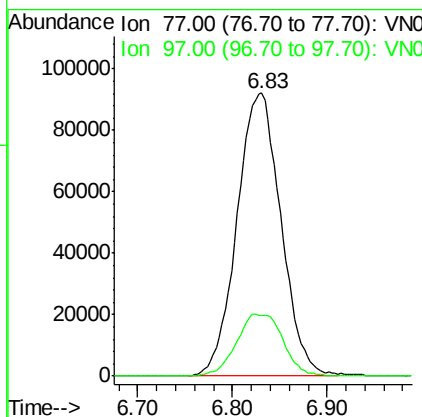
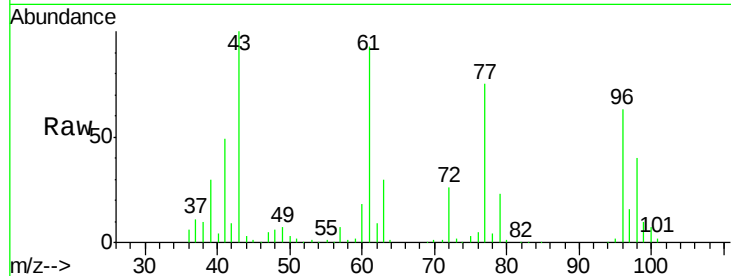
#31
 2,2-Dichloropropane
 Concen: 48.478 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

Tgt Ion: 77 Resp: 294712
 Ion Ratio Lower Upper
 77 100
 97 13.1 18.2 27.2#

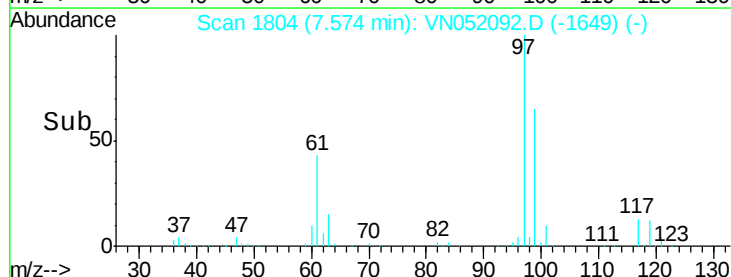
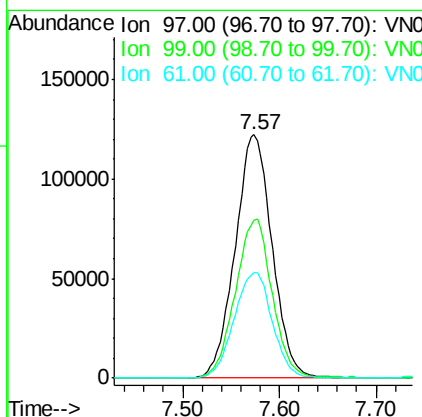
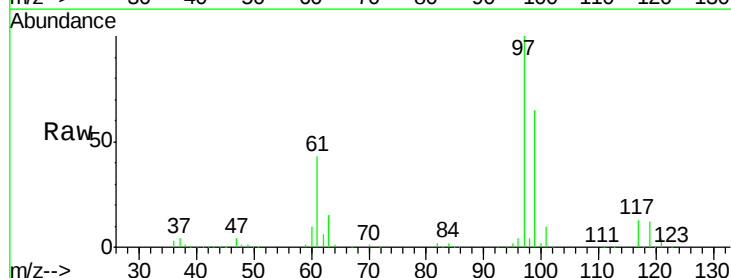
Manual Integrations
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 11/2/2018 9:21:05 AM



#32
 1,1,1-Trichloroethane
 Concen: 49.300 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion: 97 Resp: 325374
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 44.7 38.7 58.1





#33

Carbon Tetrachloride

Concen: 48.553 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 117 Resp: 284982
Ion Ratio Lower Upper

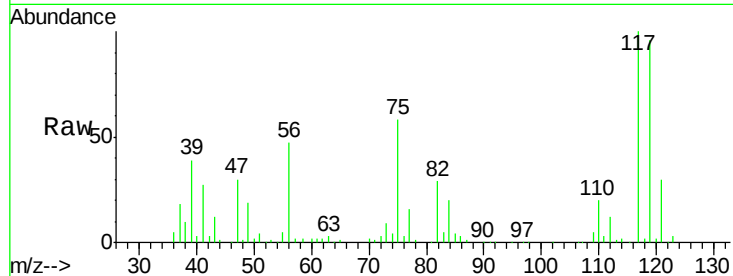
117 100

119 96.1 74.7 112.1

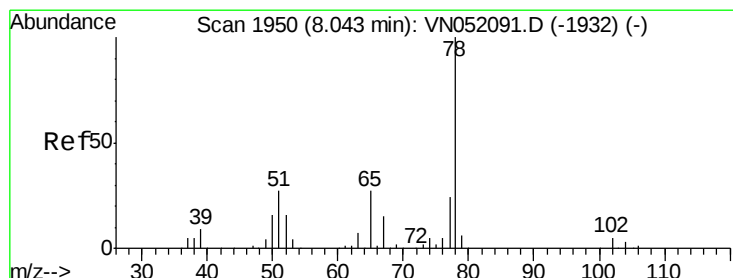
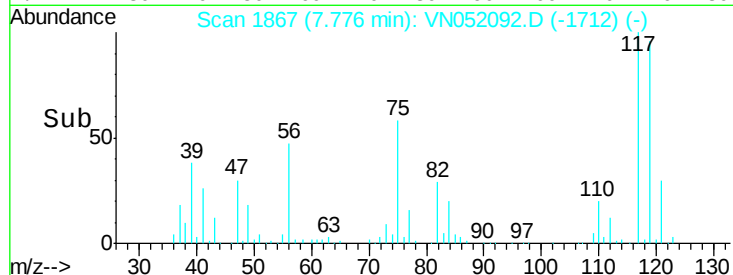
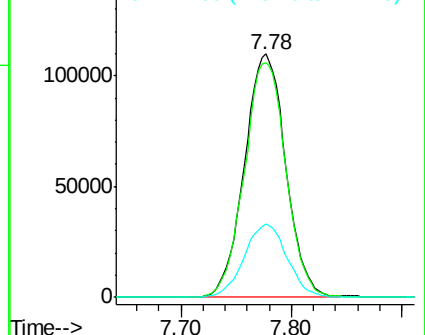
121 30.0 23.4 35.0

Manual Integrations
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 49.188 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN052092.D

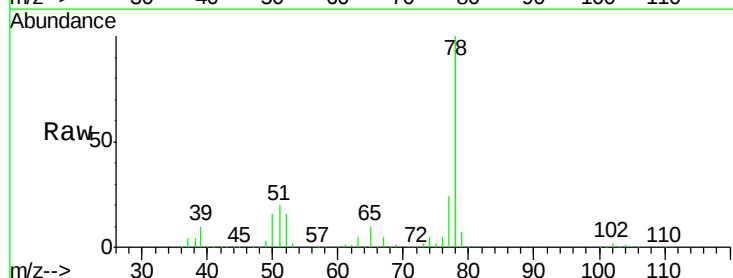
Acq: 1 Nov 2018 9:15

Tgt Ion: 78 Resp: 849547
Ion Ratio Lower Upper

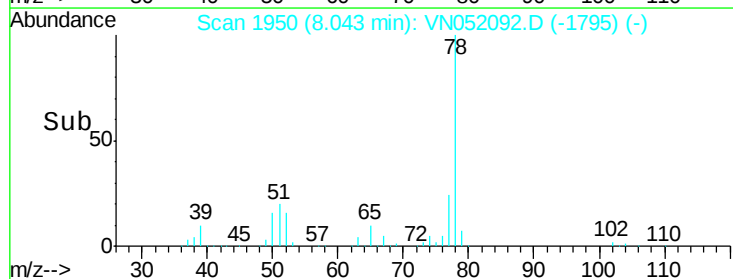
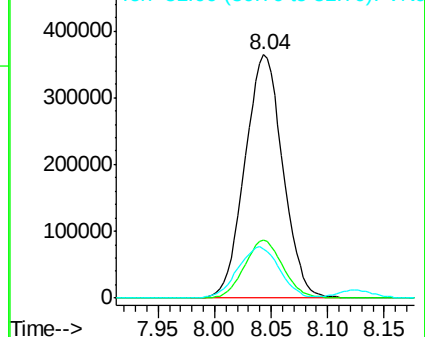
78 100

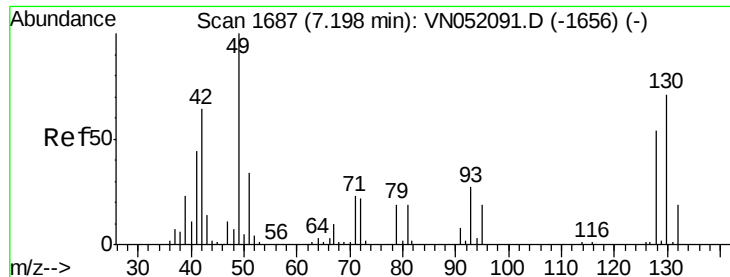
77 24.0 19.1 28.7

51 20.3 21.2 31.8#



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V





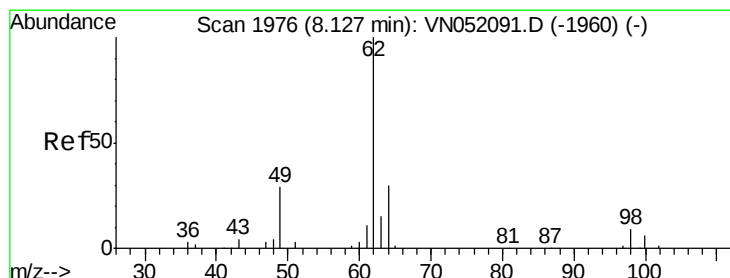
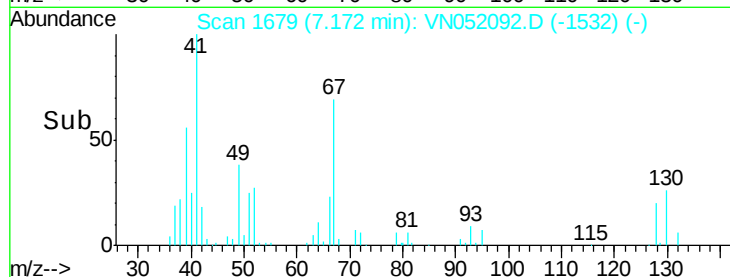
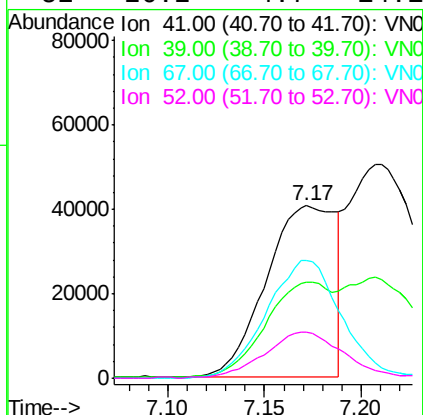
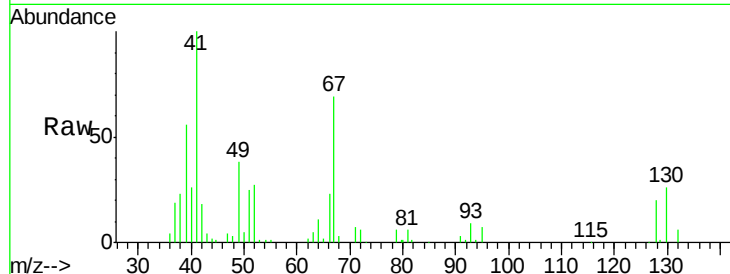
#35
Methacrylonitrile
Concen: 31.825 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.03 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.3	26.1	78.3
67	69.0	11.0	33.0
52	26.2	4.7	14.1

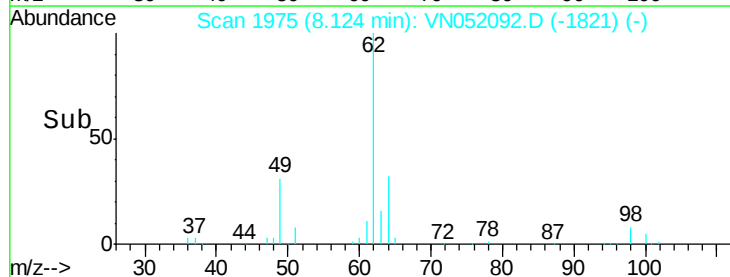
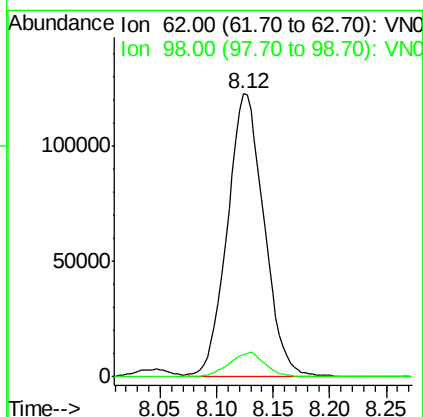
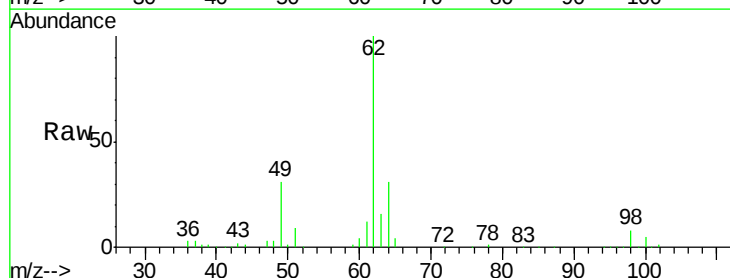
Manual Integrations
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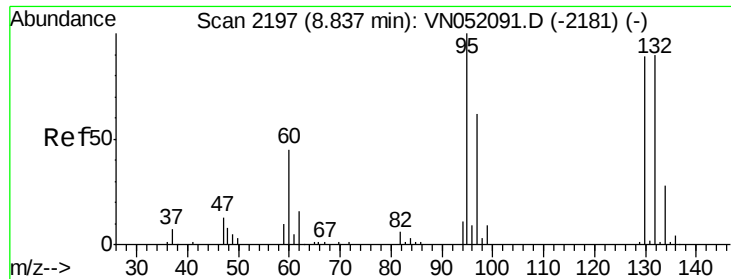
MMDadoda
11/2/2018 9:21:05 AM



#36
1,2-Dichloroethane
Concen: 47.894 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.7	10.1





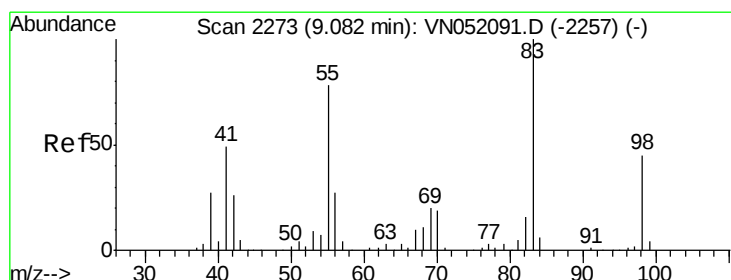
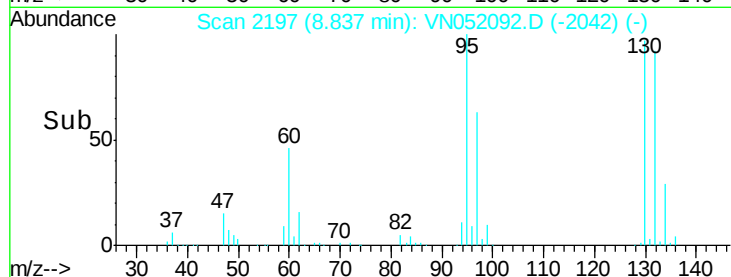
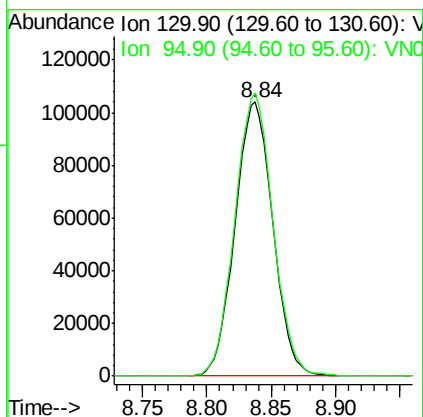
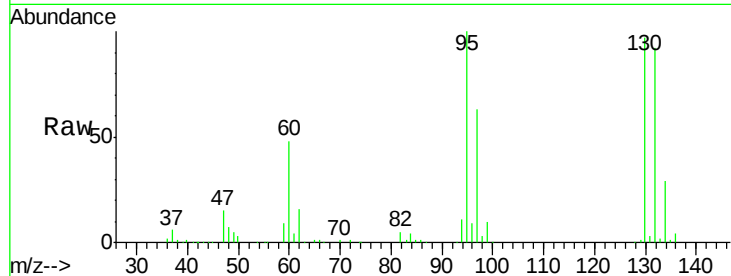
#37
 Trichloroethene
 Concen: 49.280 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:130 Resp: 213029
 Ion Ratio Lower Upper
 130 100
 95 103.3 89.9 134.9

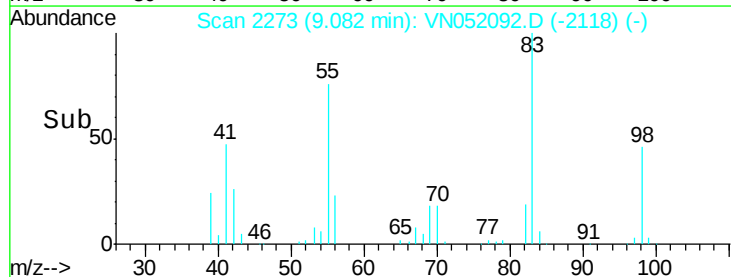
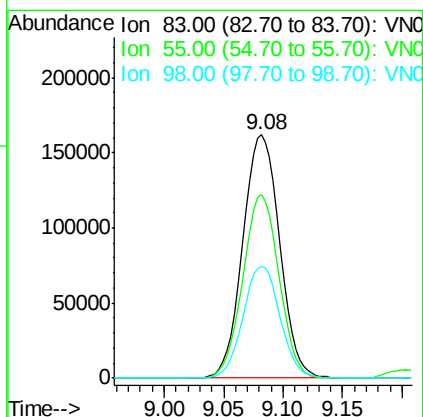
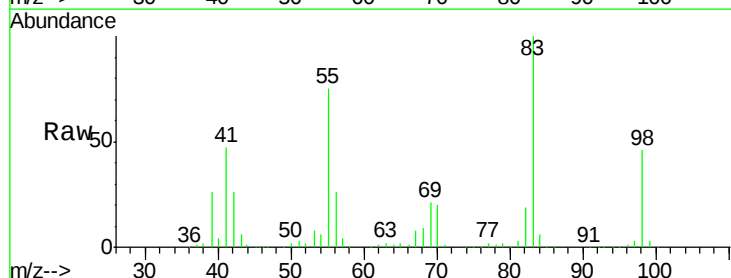
Manual Integrations
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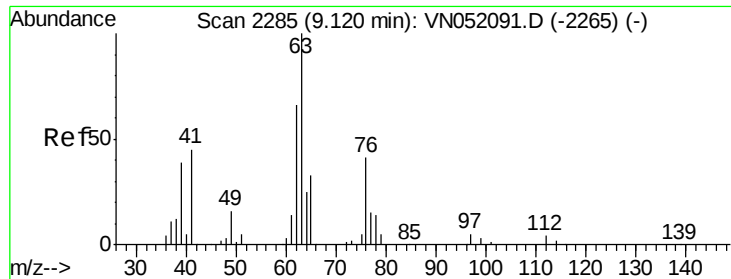
MMDadoda
 11/2/2018 9:21:05 AM



#38
 Methylcyclohexane
 Concen: 48.423 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion: 83 Resp: 348429
 Ion Ratio Lower Upper
 83 100
 55 73.8 38.5 115.3
 98 45.9 23.2 69.6





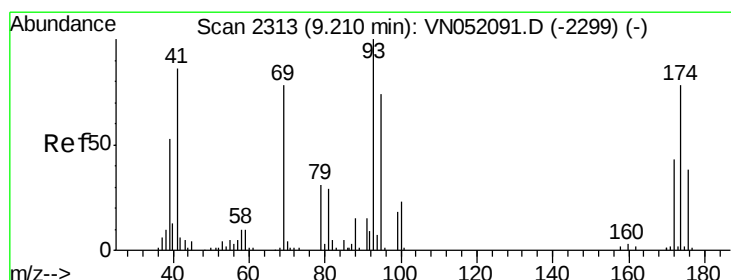
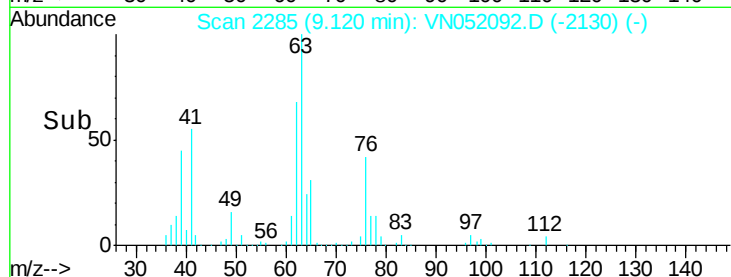
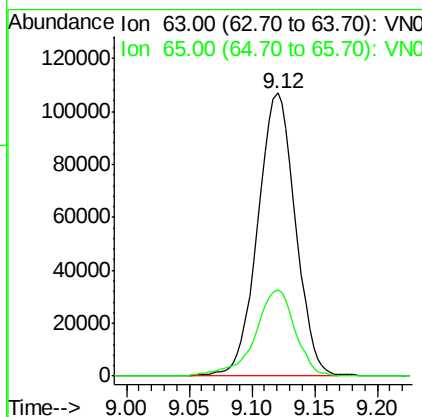
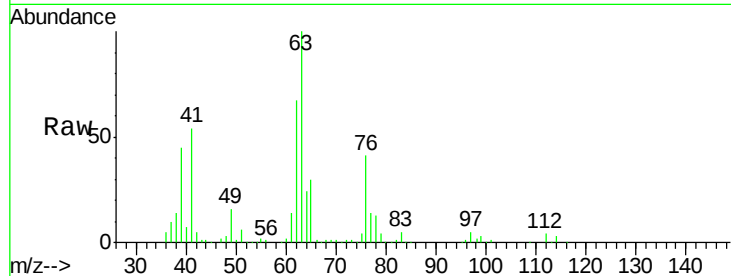
#39
 1,2-Dichloropropane
 Concen: 48.716 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion: 63 Resp: 223972
 Ion Ratio Lower Upper
 63 100
 65 30.4 27.3 40.9

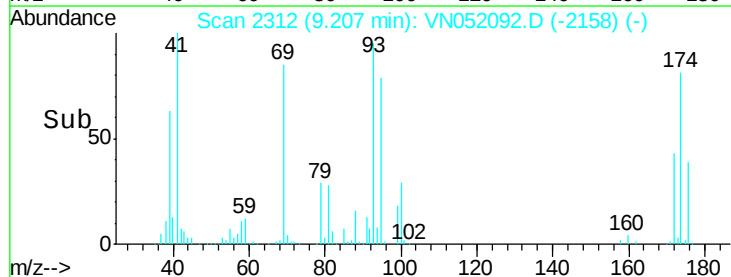
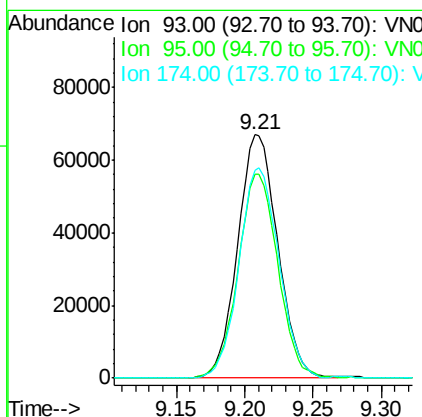
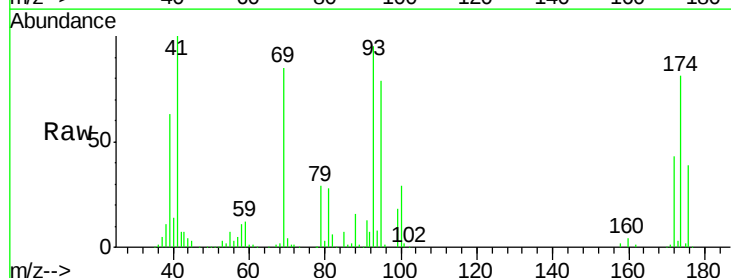
Manual Integrations
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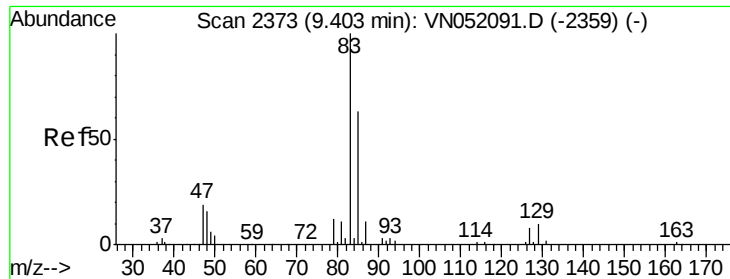
MMDadoda
 11/2/2018 9:21:05 AM



#40
 Dibromomethane
 Concen: 48.327 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion: 93 Resp: 136954
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 161.2
 174 86.1 0.0 165.0





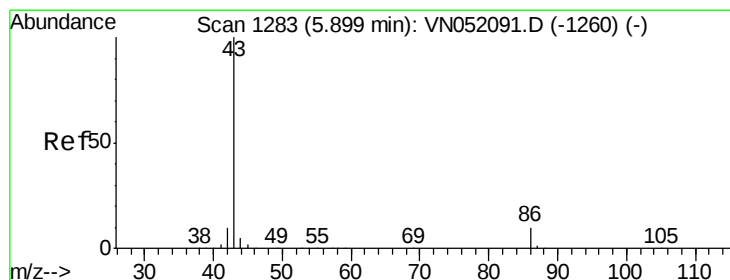
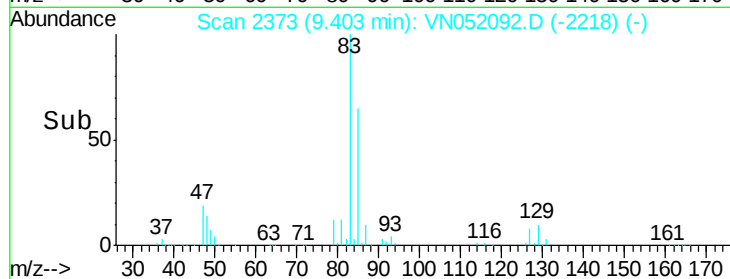
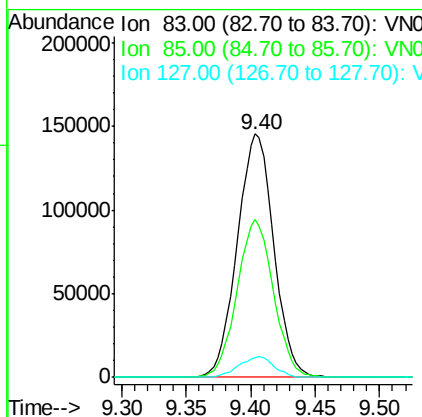
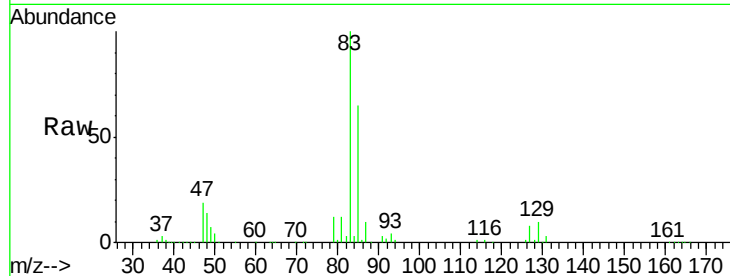
#41
 Bromodichloromethane
 Concen: 49.520 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.2
127	8.2	6.6	10.0

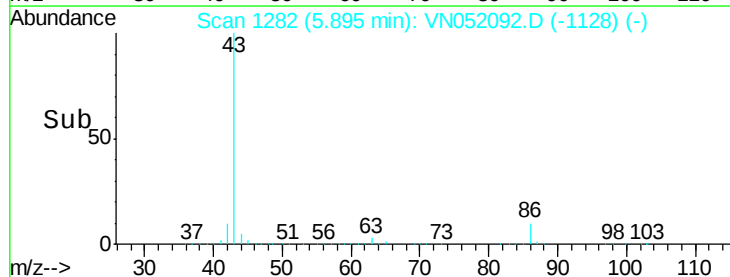
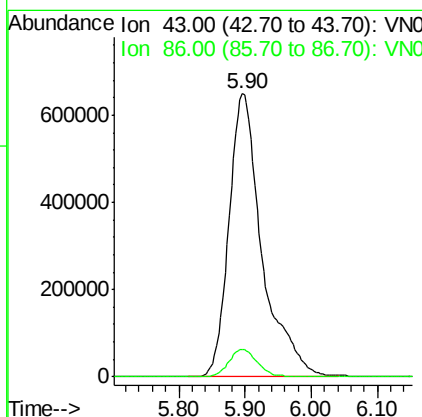
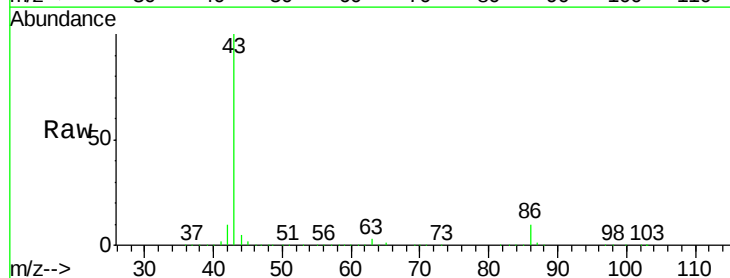
Manual Integrations
 APPROVED

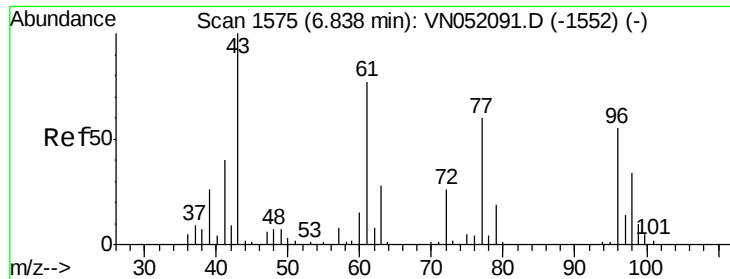
MMDadoda
 11/2/2018 9:21:05 AM



#42
 Vinyl Acetate
 Concen: 244.808 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.6	10.0





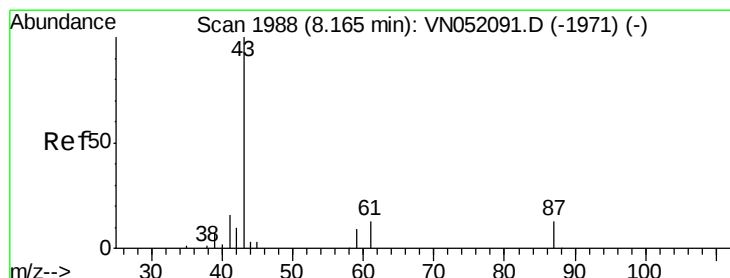
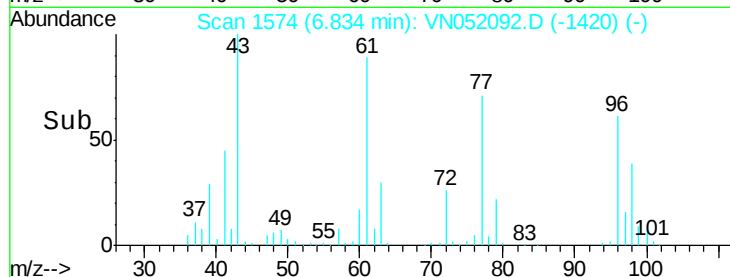
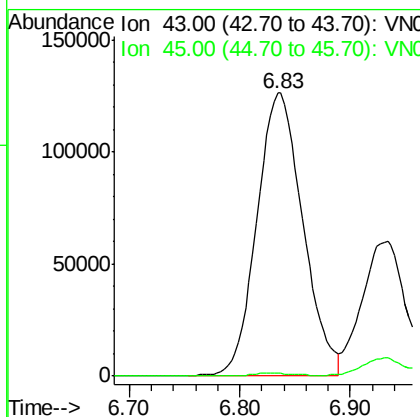
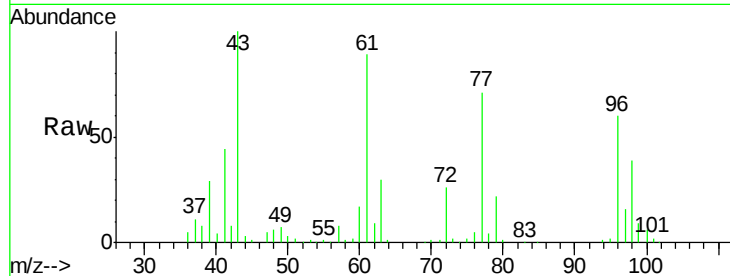
#43
Ethyl Acetate
Concen: 33.318 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 364301
Ion Ratio Lower Upper
43 100
45 0.2 3.8 5.8#

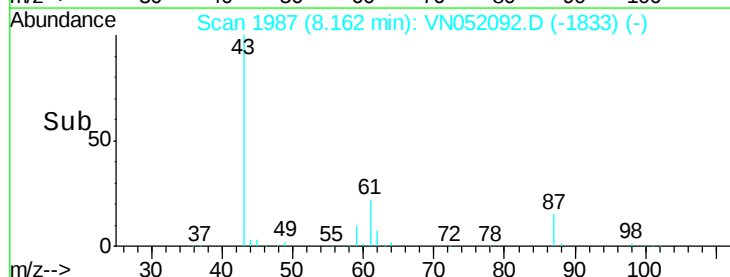
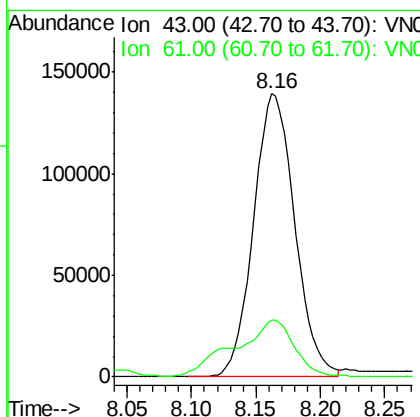
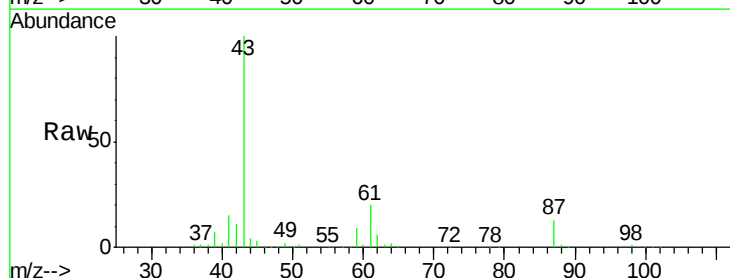
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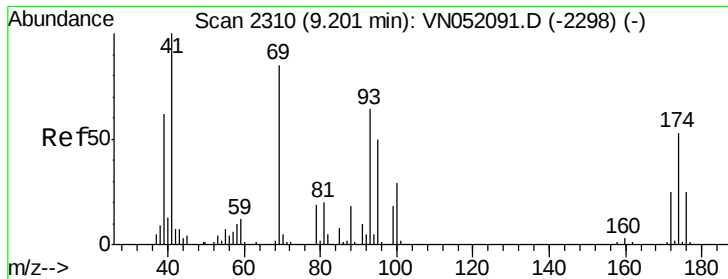
MMDadoda
11/2/2018 9:21:05 AM



#44
Isopropyl Acetate
Concen: 47.380 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion: 43 Resp: 309682
Ion Ratio Lower Upper
43 100
61 16.7 16.2 24.2





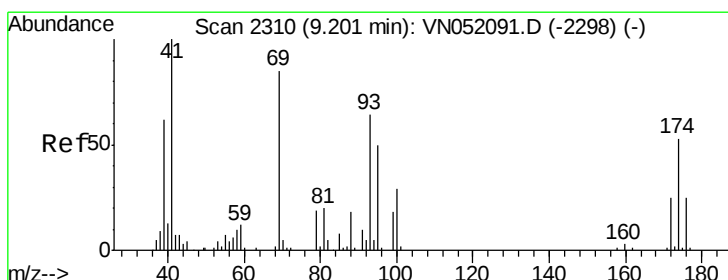
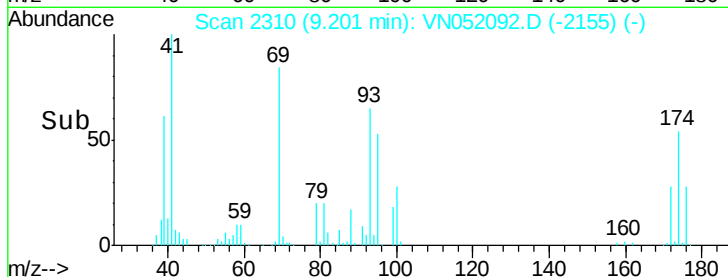
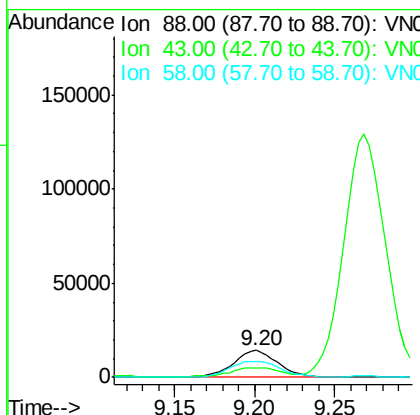
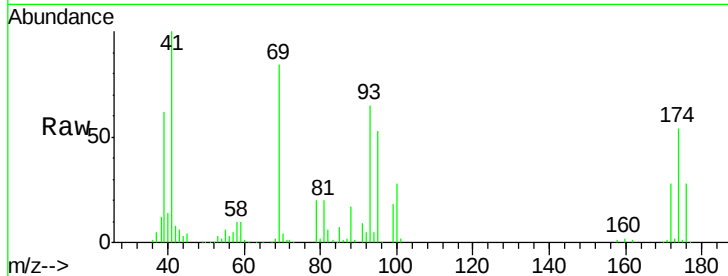
#45
 1,4-Dioxane
 Concen: 909.314 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	27113		
43	36.6	28.6	43.0	
58	68.7	37.8	56.8#	

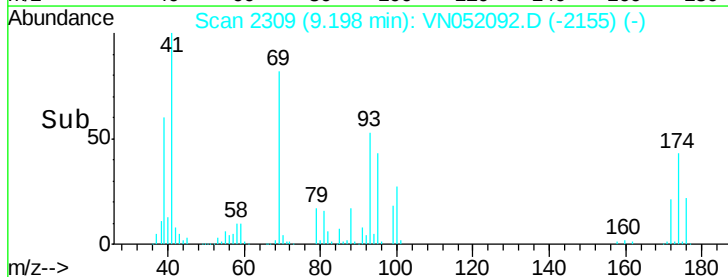
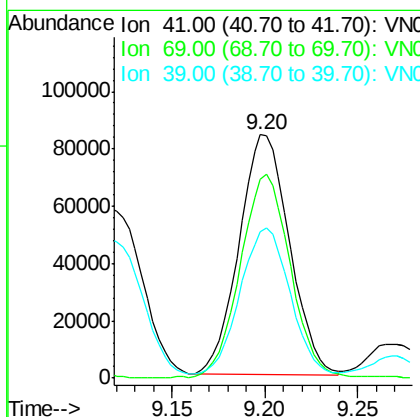
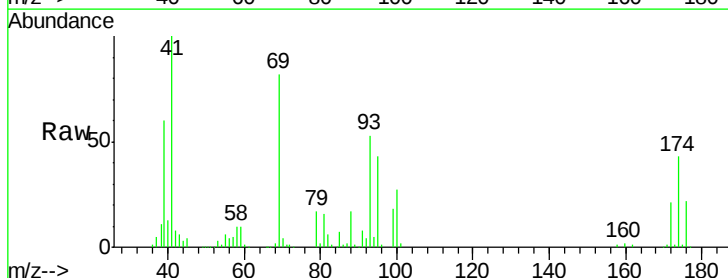
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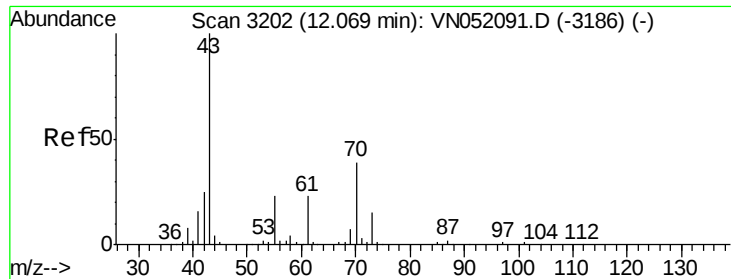
MMDadoda
 11/2/2018 9:21:05 AM



#46
 Methyl methacrylate
 Concen: 48.374 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	157385		
69	82.9	42.5	127.6	
39	59.2	31.1	93.3	





#47

n-amy1 Acetate

Concen: 49.375 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 292764

Ion Ratio Lower Upper

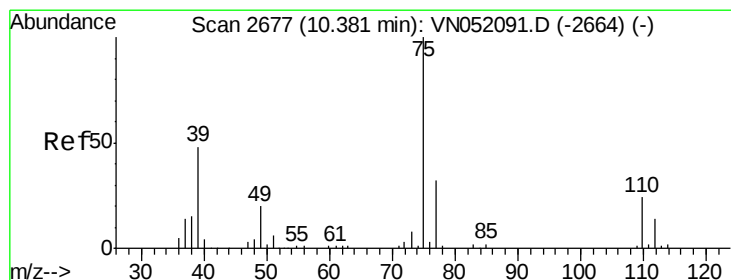
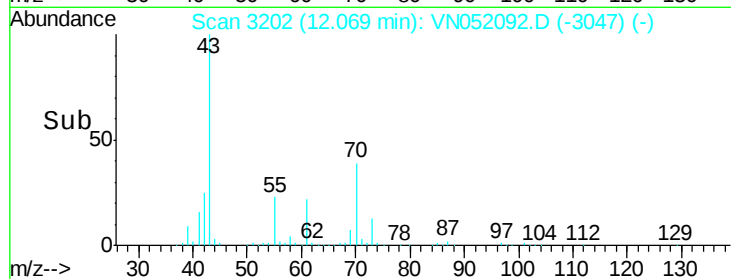
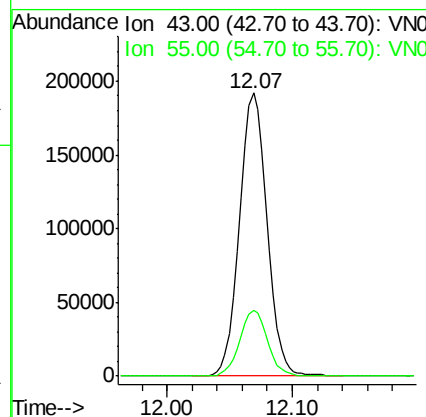
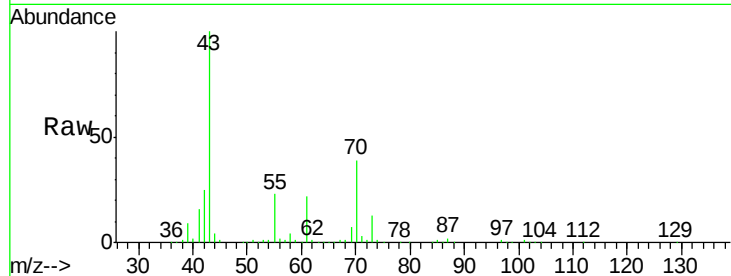
43 100

55 23.5 0.0 0.0#

Manual Integrations
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11/2/2018 9:21:05 AM



#48

t-1,3-Dichloropropene

Concen: 49.128 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052092.D

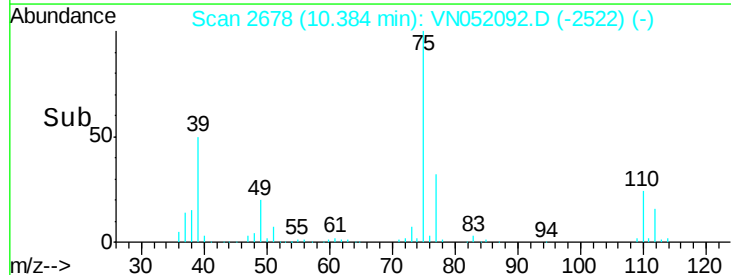
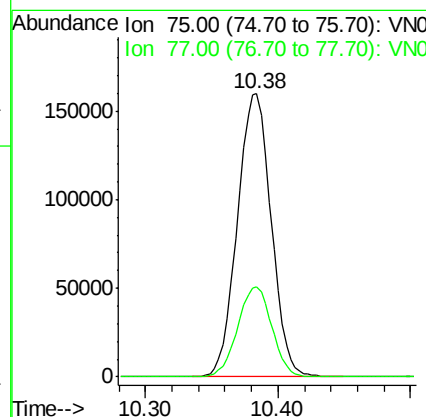
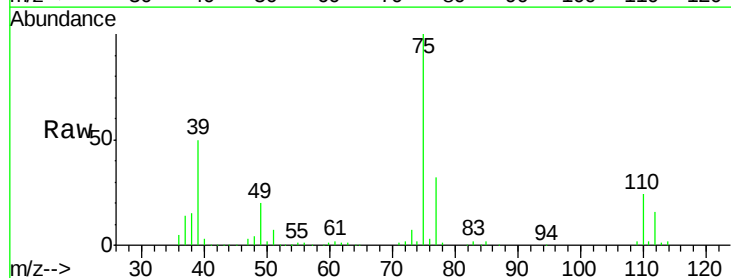
Acq: 1 Nov 2018 9:15

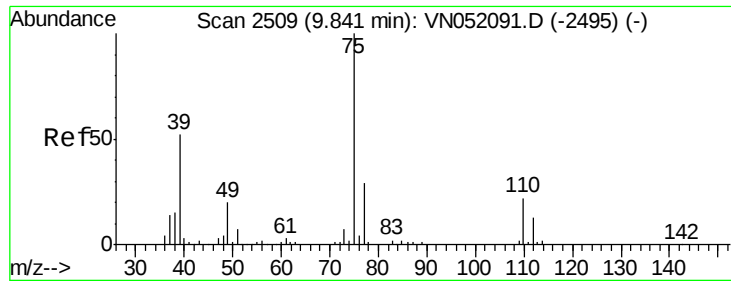
Tgt Ion: 75 Resp: 282859

Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5





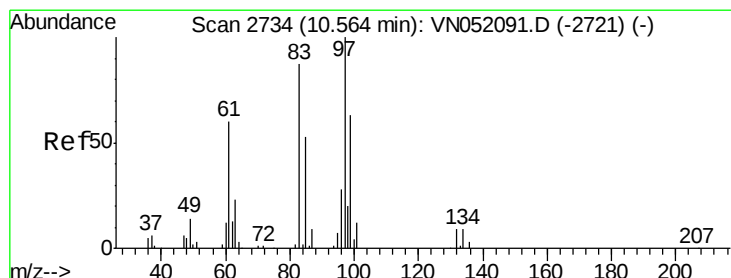
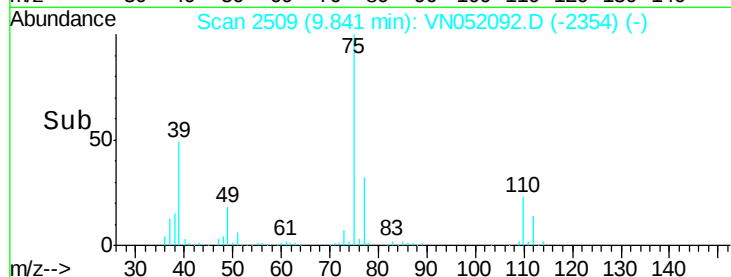
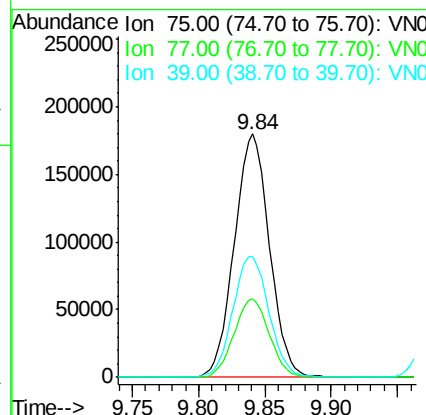
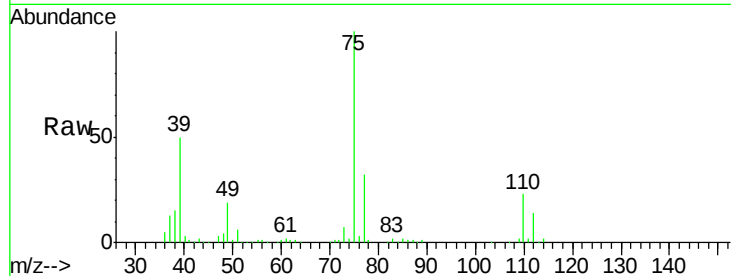
#49
 cis-1,3-Dichloropropene
 Concen: 49.842 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:	75	Resp:	331226
Ion	Ratio	Lower	Upper
75	100		
77	32.5	23.3	34.9
39	49.3	41.6	62.4

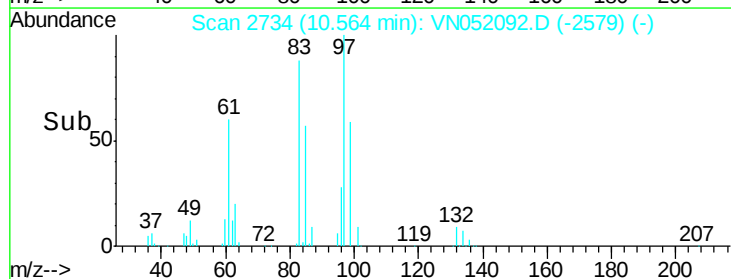
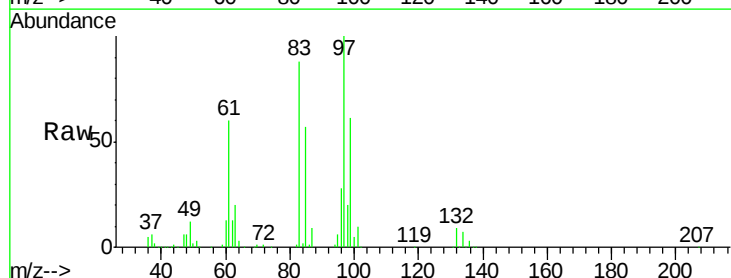
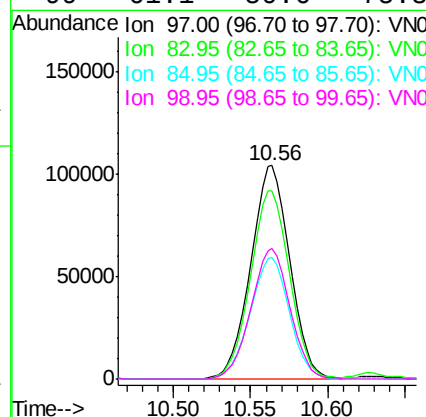
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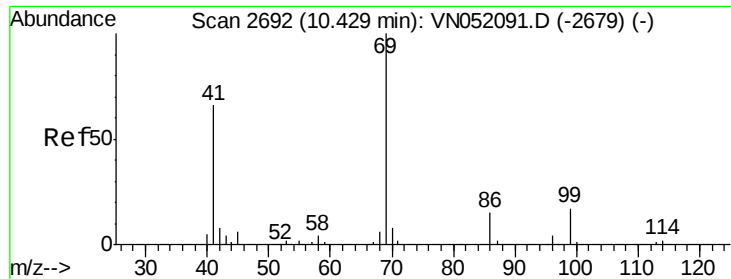
MMDadoda
 11/2/2018 9:21:05 AM



#50
 1,1,2-Trichloroethane
 Concen: 48.890 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion:	97	Resp:	183207
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.4	104.0
85	57.0	42.7	64.1
99	61.1	50.6	75.8





#51

Ethyl methacrylate

Concen: 48.874 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 69 Resp: 236702
Ion Ratio Lower Upper

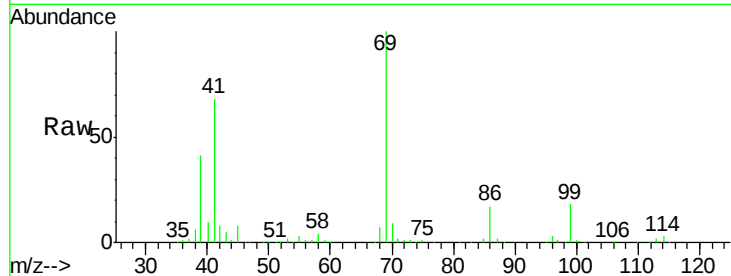
69 100

41 68.0 33.0 99.0

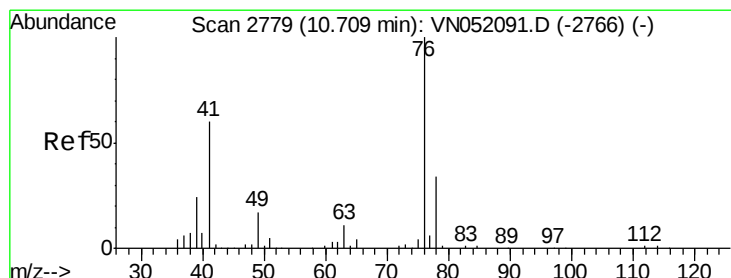
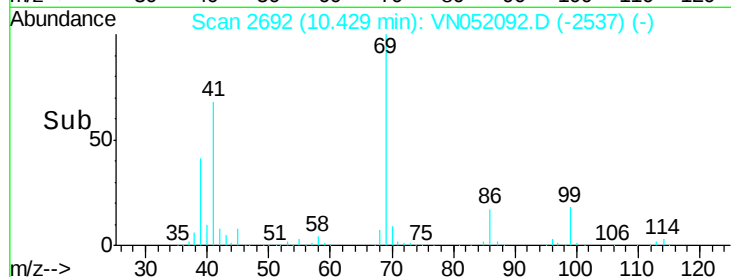
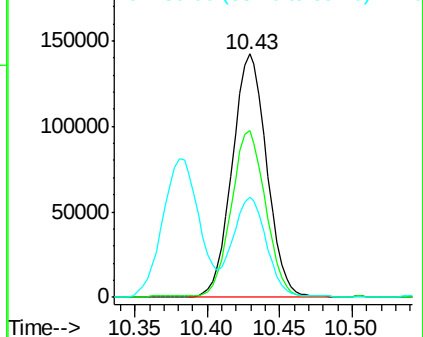
39 40.7 20.7 62.1

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Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 48.301 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

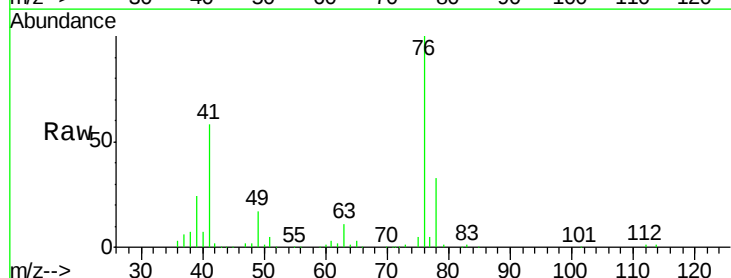
Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

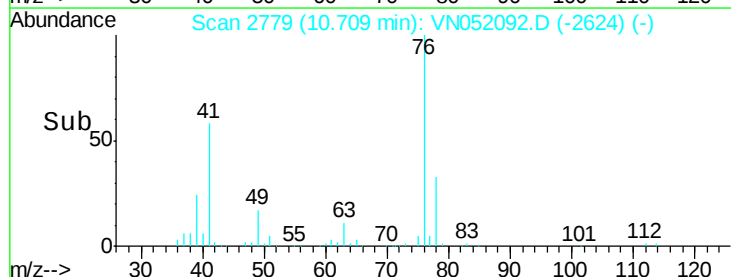
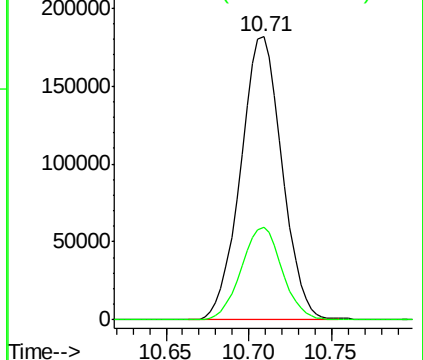
Tgt Ion: 76 Resp: 315282
Ion Ratio Lower Upper

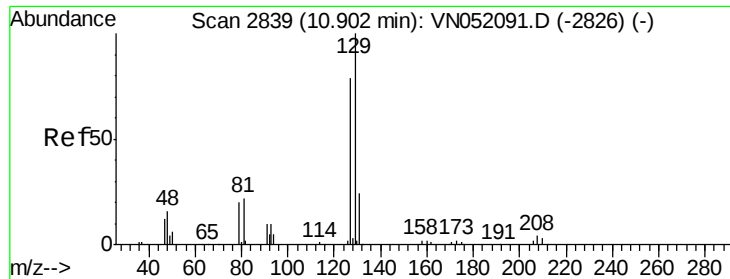
76 100

78 32.6 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN0
Ion 78.00 (77.70 to 78.70): VN0





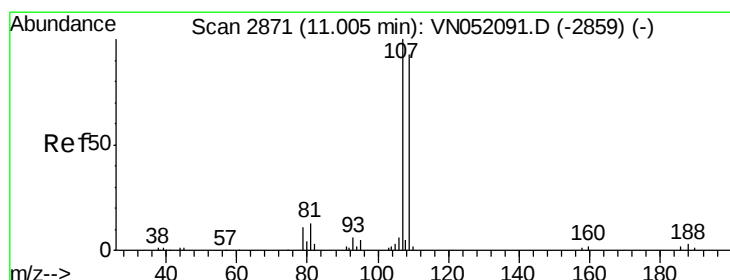
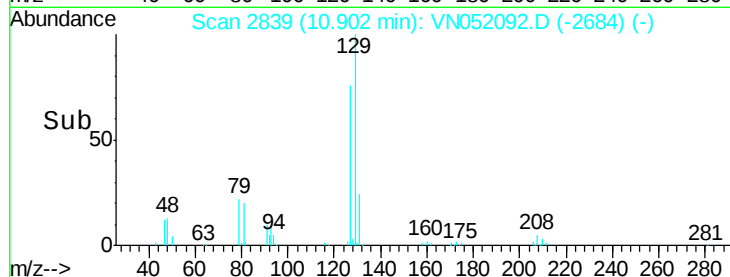
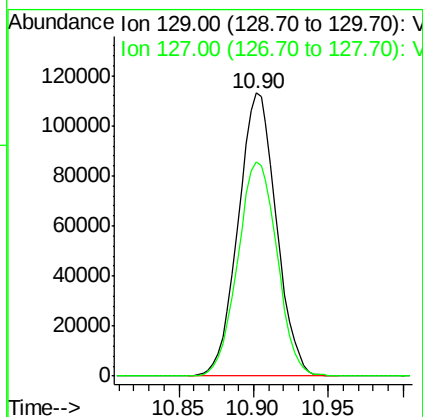
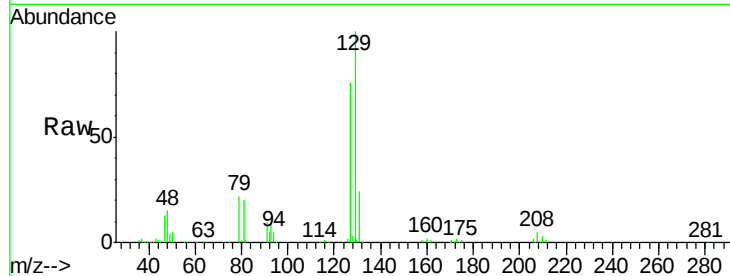
#53
 Dibromochloromethane
 Concen: 49.692 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:129 Resp: 201033
 Ion Ratio Lower Upper
 129 100
 127 78.0 39.2 117.6

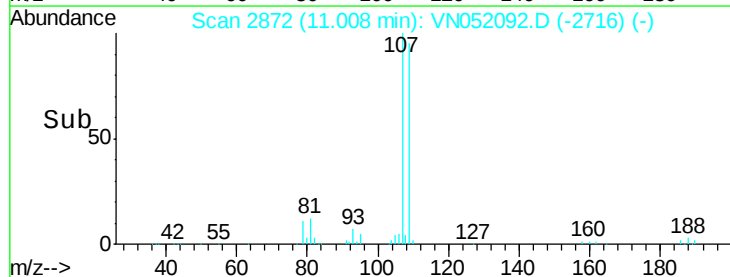
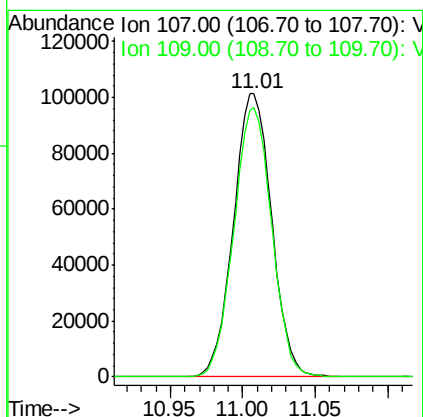
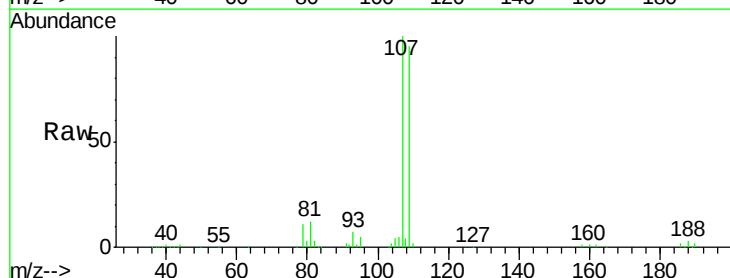
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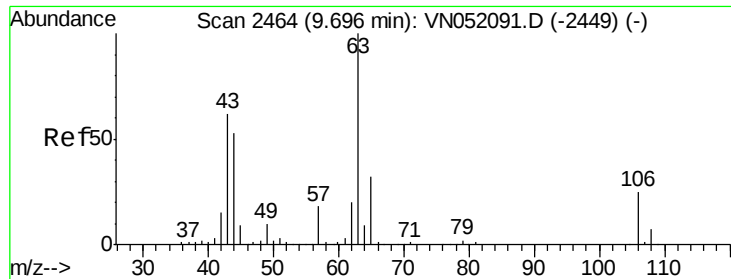
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 48.808 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion:107 Resp: 185472
 Ion Ratio Lower Upper
 107 100
 109 94.3 77.0 115.6





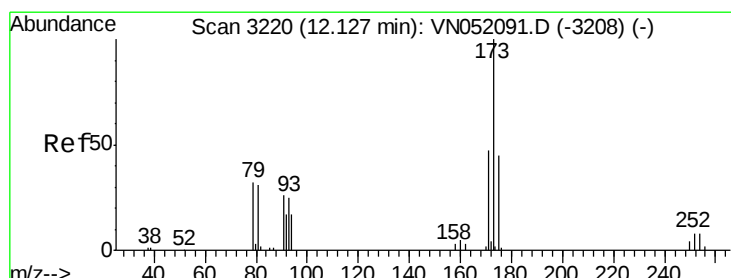
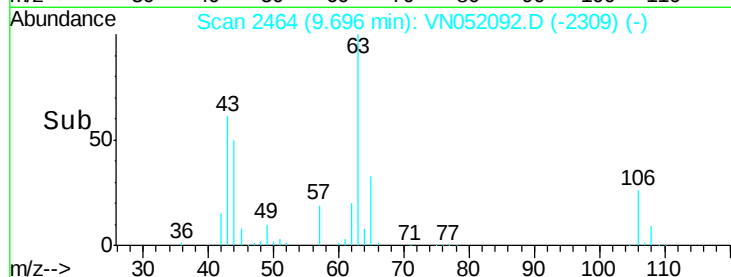
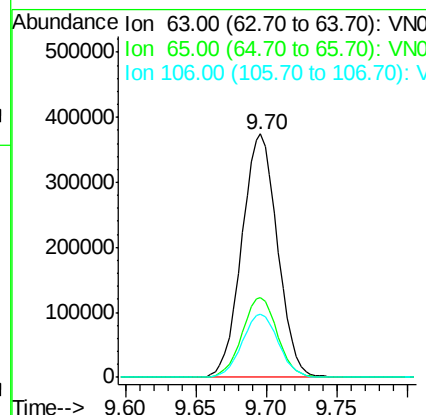
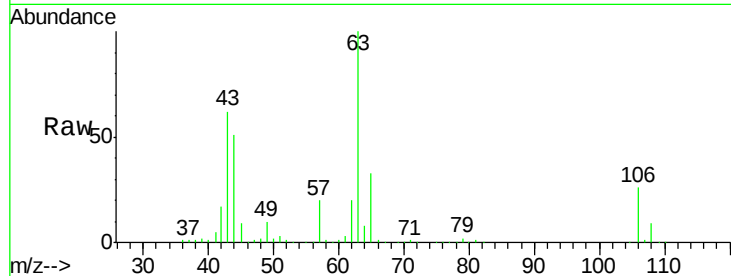
#55
2-Chloroethyl vinyl ether
Concen: 250.020 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.5	38.3
106	26.4	20.4	30.6

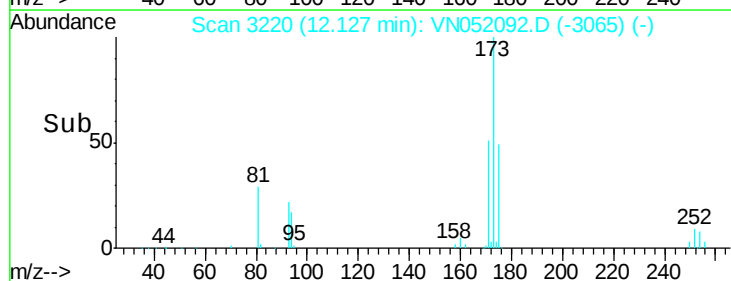
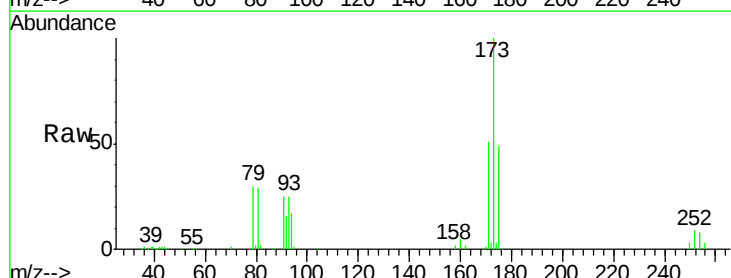
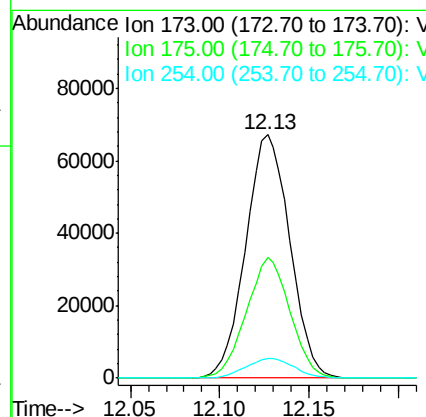
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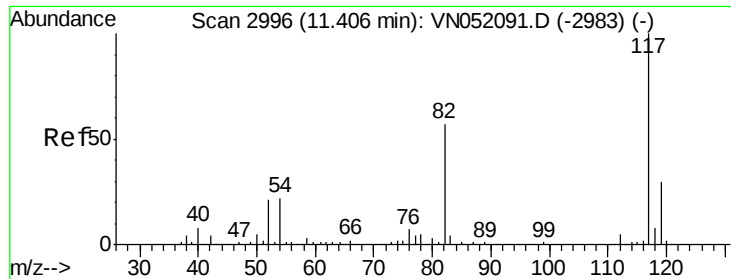
MMDadoda
11/2/2018 9:21:05 AM



#56
Bromoform
Concen: 49.821 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	37.3	55.9
254	8.6	7.0	10.6





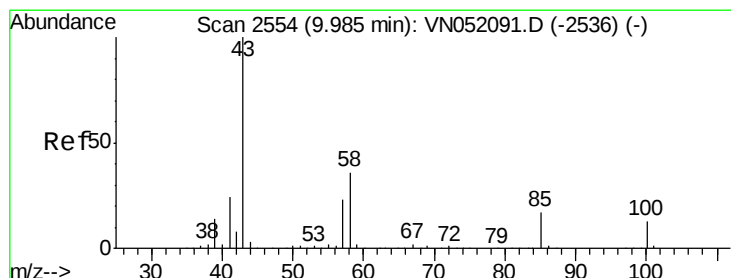
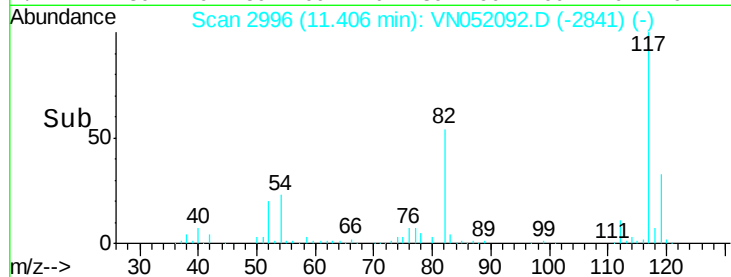
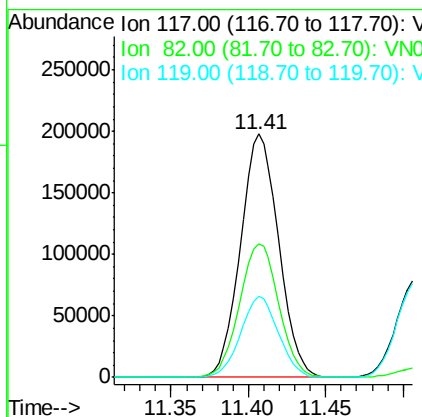
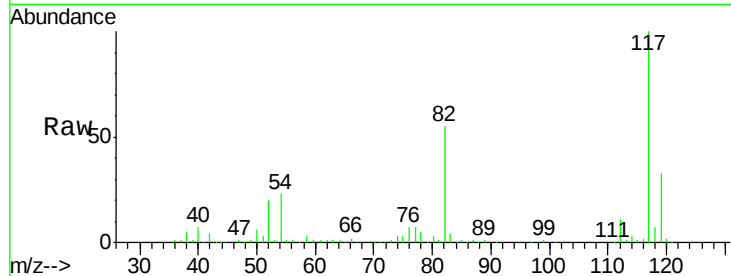
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	33.0	24.2	36.4

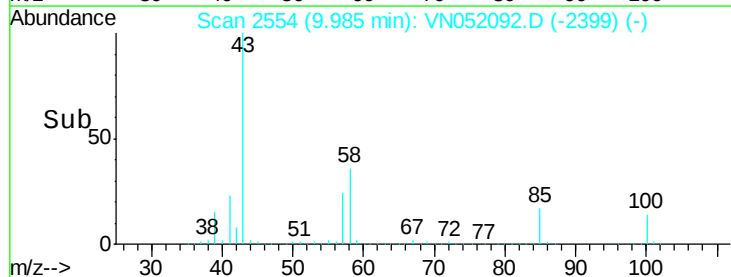
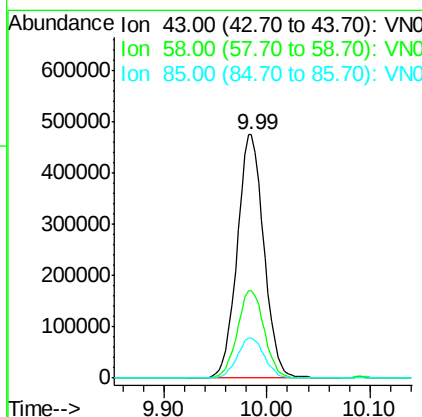
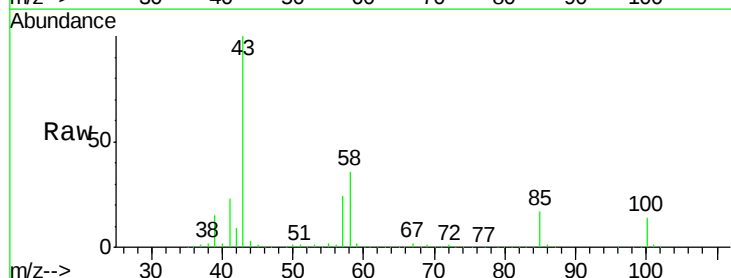
Manual Integrations
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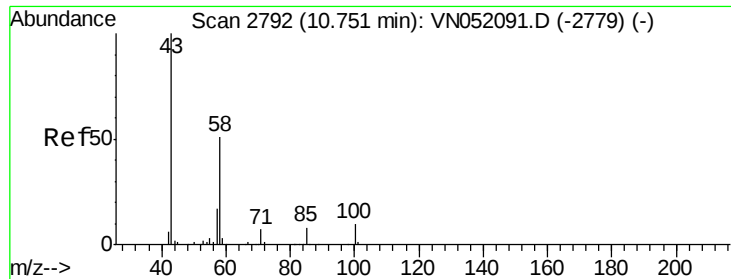
MMDadoda
11/2/2018 9:21:05 AM



#58
4-Methyl-2-Pentanone
Concen: 234.764 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.0	43.6
85	16.8	13.4	20.2





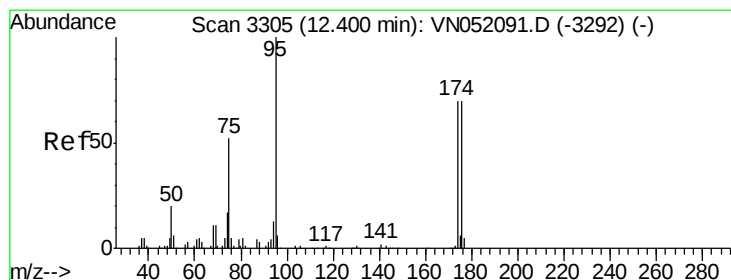
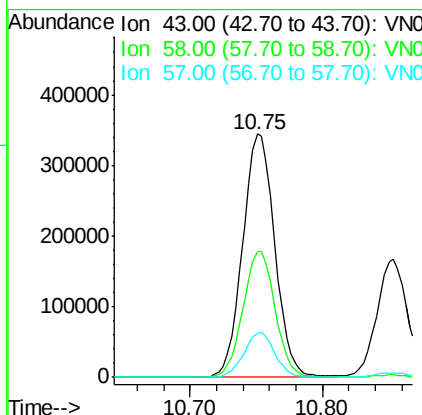
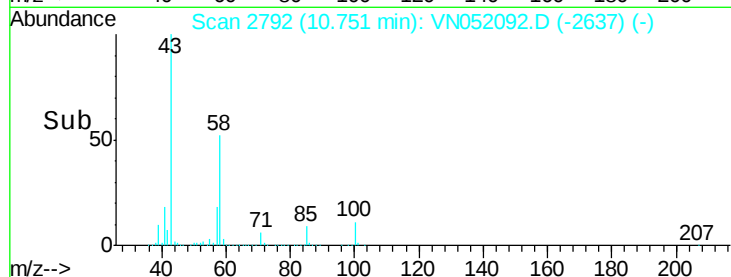
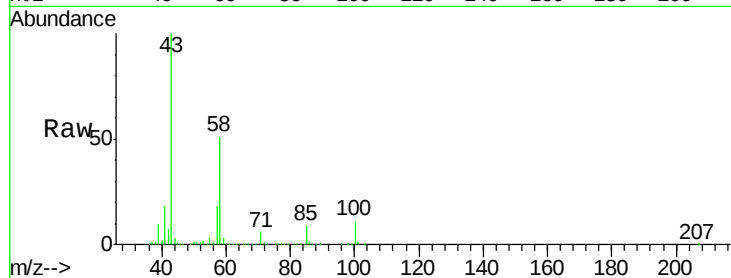
#59
2-Hexanone
Concen: 231.370 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.0	40.8	61.2
57	17.8	13.8	20.8

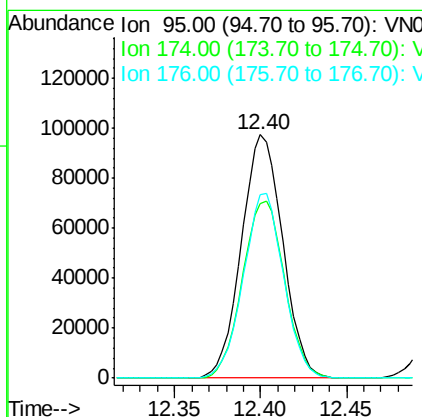
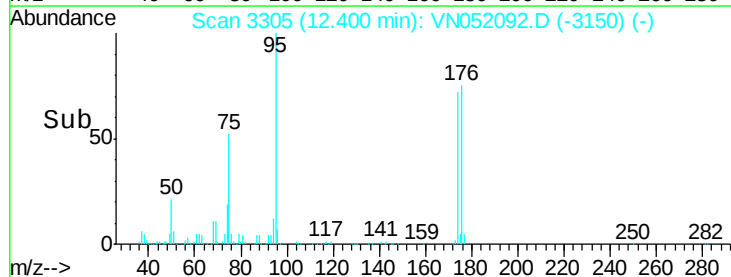
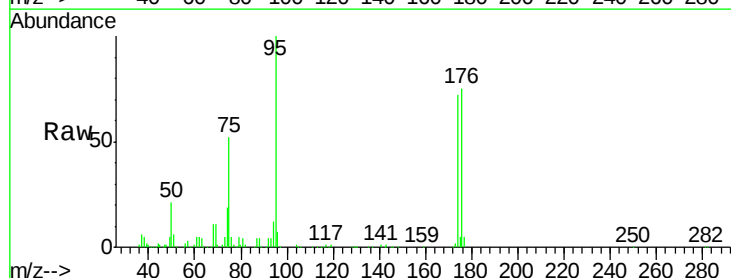
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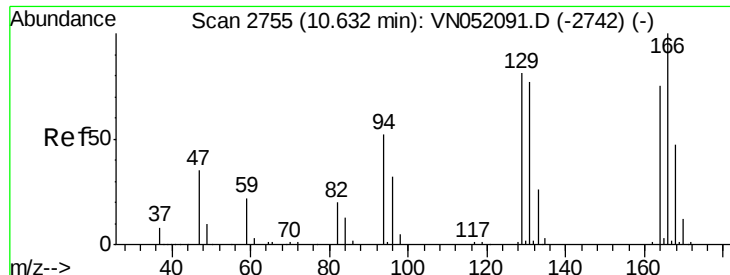
MMDadoda
11/2/2018 9:21:05 AM



#60
4-Bromofluorobenzene
Concen: 231.370 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	55.0	82.6
176	73.9	54.2	81.4





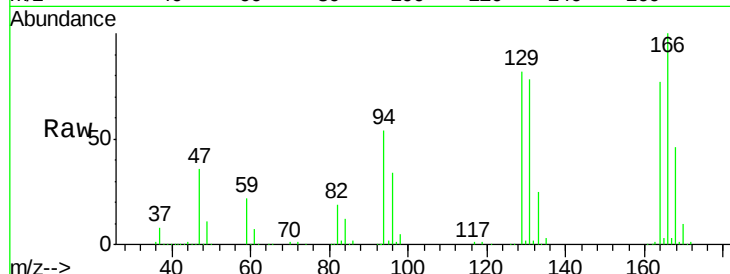
#61
Tetrachloroethene
Concen: 48.025 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	177131		
166	129.6	106.4	159.6	
129	105.9	87.0	130.4	
131	100.6	81.4	122.2	

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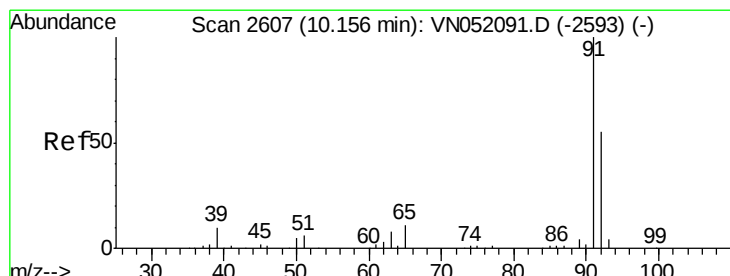
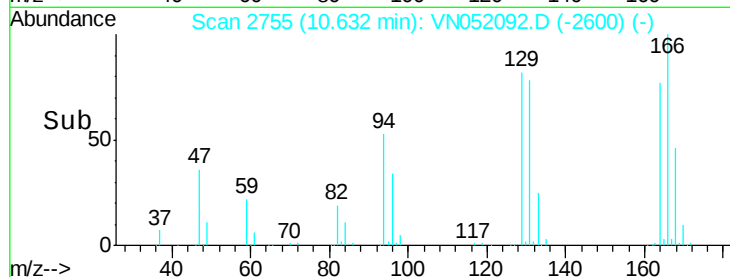
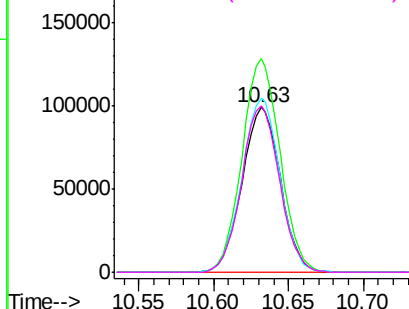


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

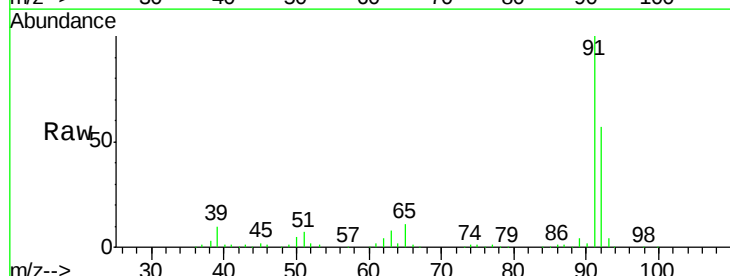
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



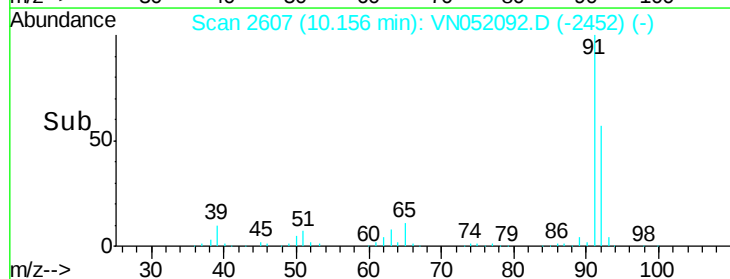
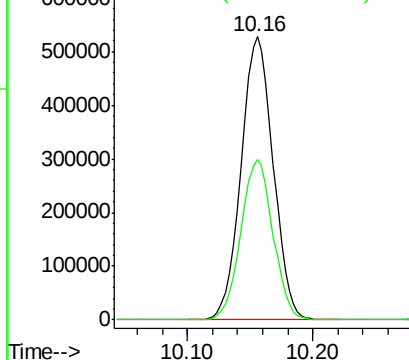
#62
Toluene
Concen: 49.134 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

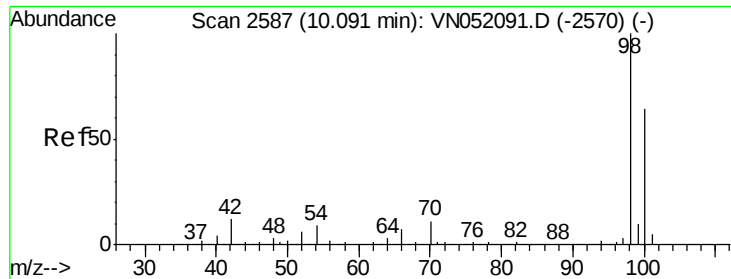
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	935394		
92	56.7	44.6	67.0	



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





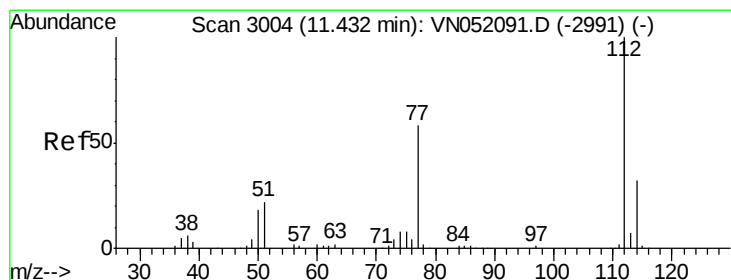
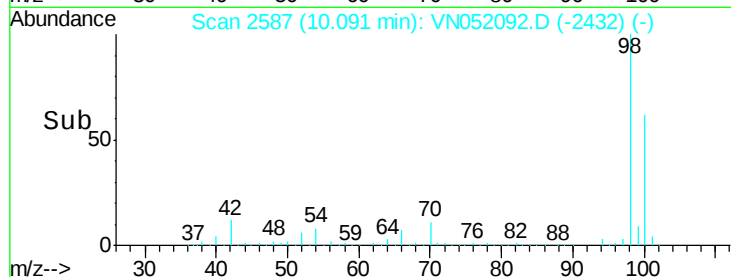
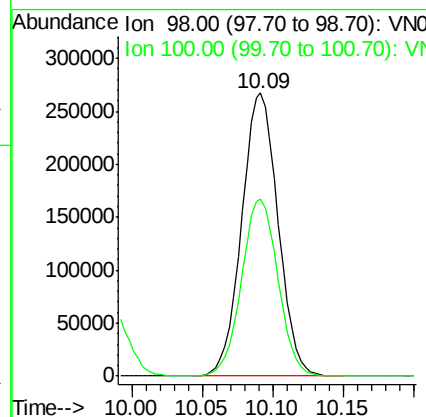
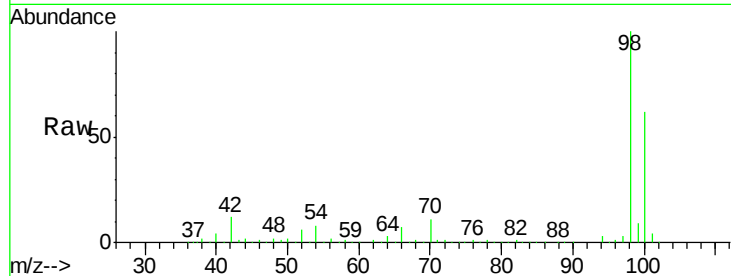
#63
Toluene-d8
Concen: 49.134 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 98 Resp: 482624
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1

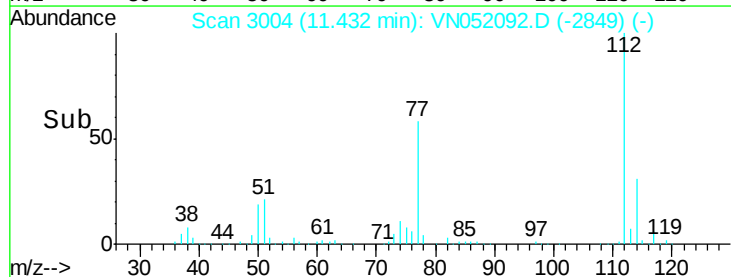
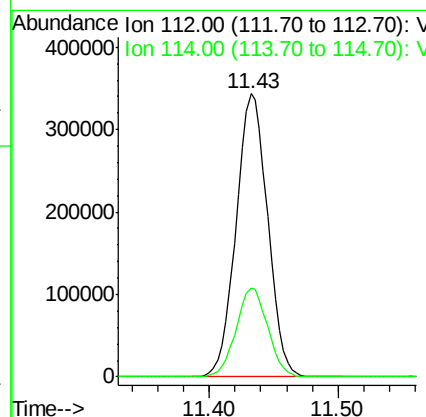
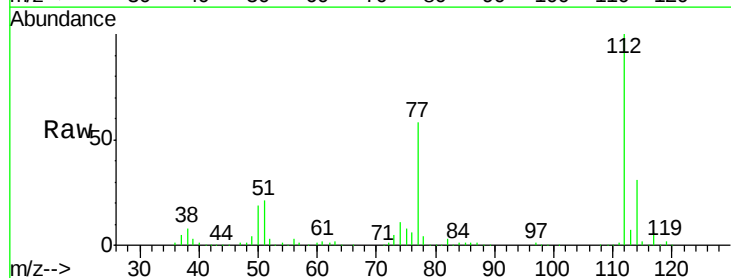
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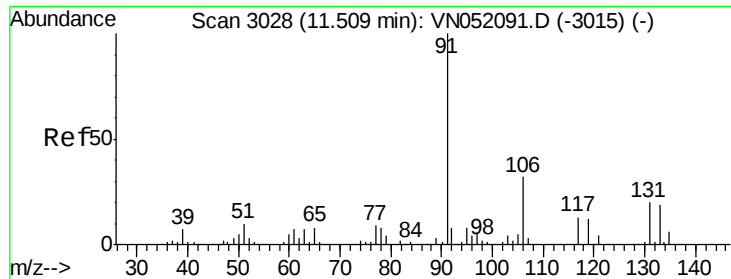
MMDadoda
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#64
Chlorobenzene
Concen: 48.310 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion: 112 Resp: 582894
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 49.574 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

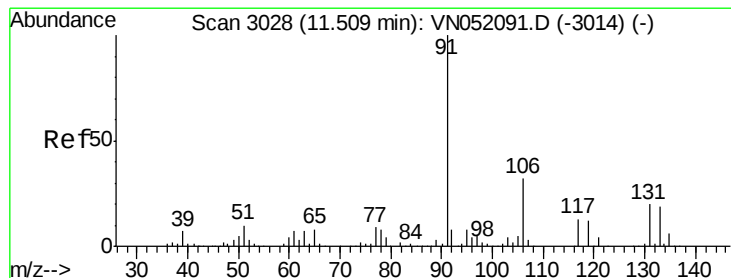
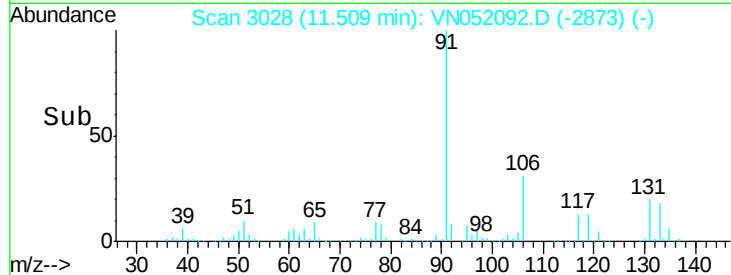
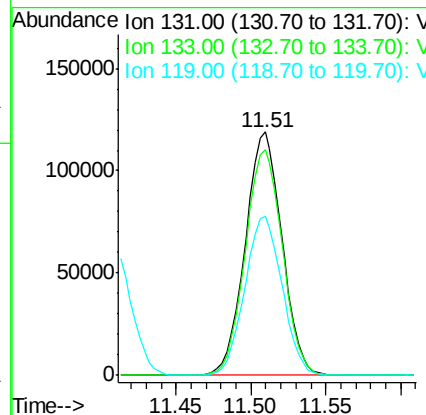
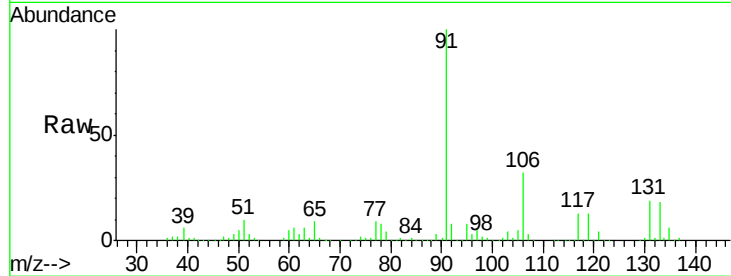
ClientSampleId :

VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	203584		
133	93.8	0.0	188.8	
119	66.1	0.0	131.4	

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#66

Ethyl Benzene

Concen: 49.534 ug/l

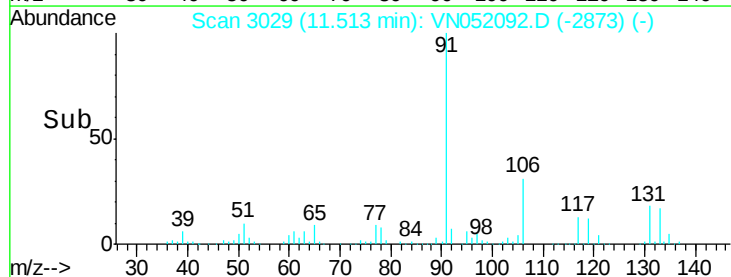
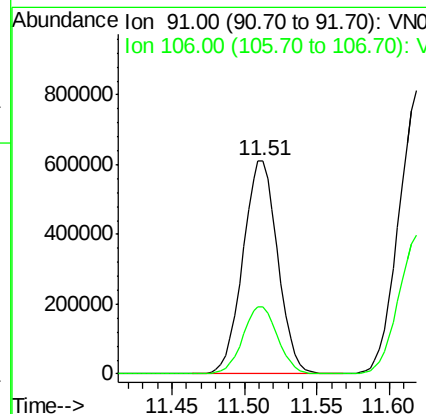
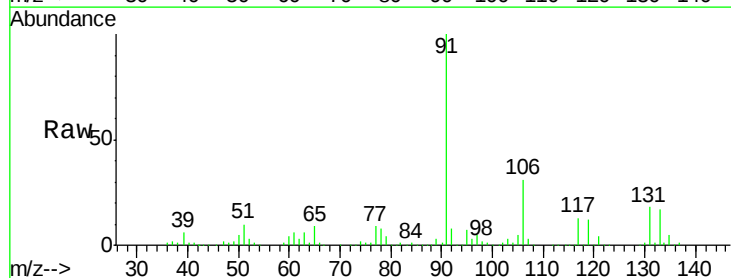
RT: 11.51 min Scan# 3029

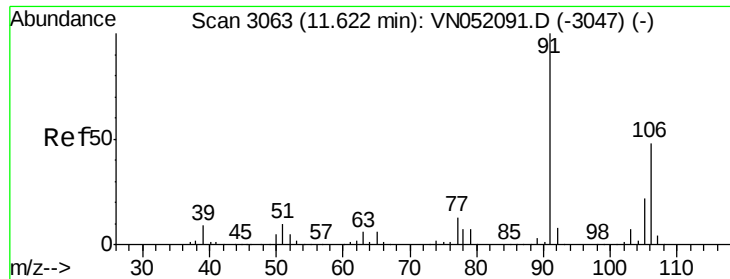
Delta R.T. 0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1018615		
106	31.4	25.7	38.5	





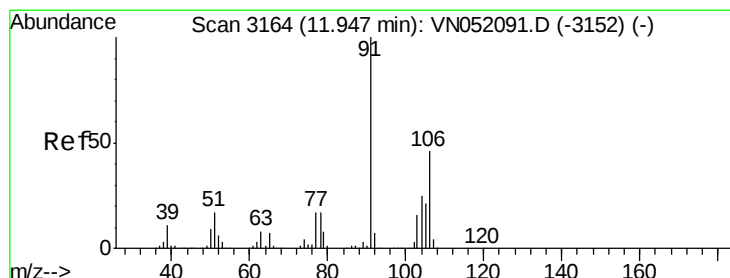
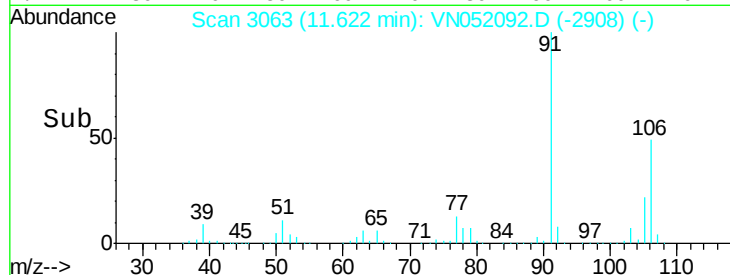
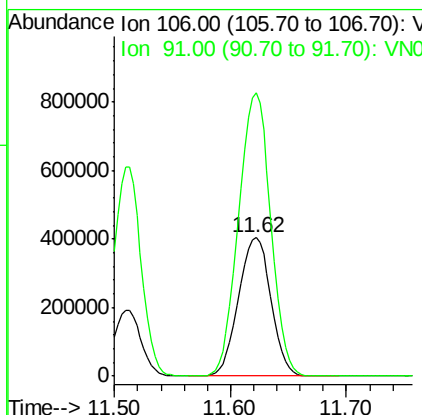
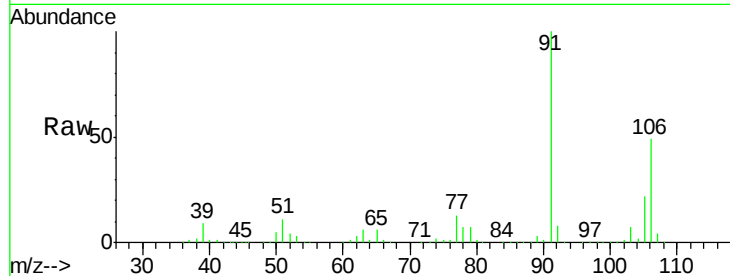
#67
m/p-Xylenes
Concen: 99.468 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 787495
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4

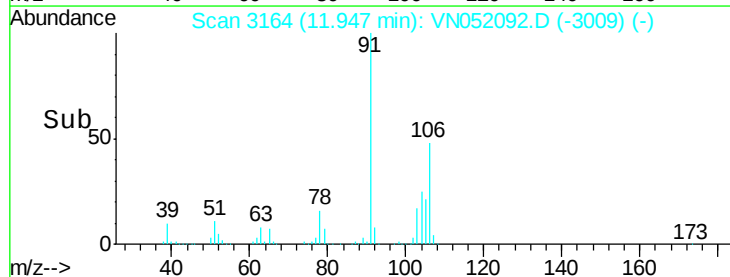
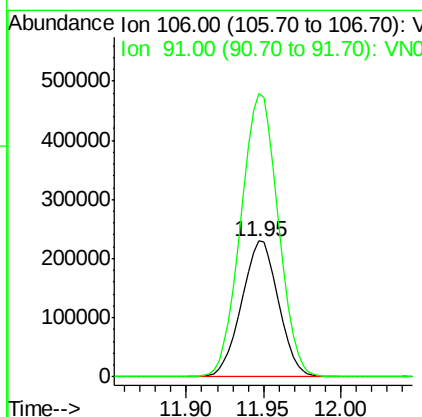
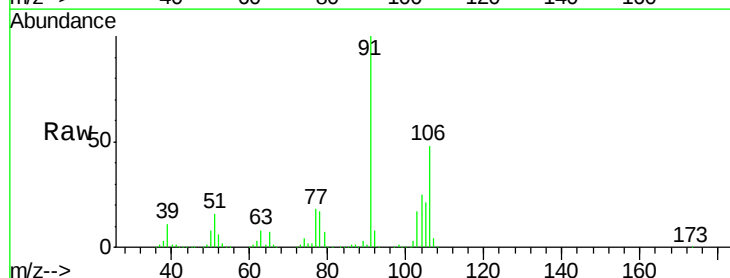
Manual Integrations
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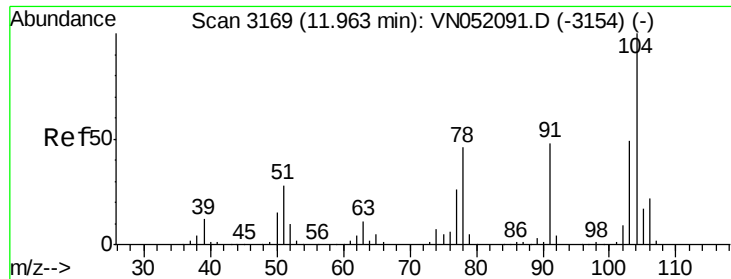
MMDadoda
11/2/2018 9:21:05 AM



#68
o-Xylene
Concen: 50.632 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion:106 Resp: 382180
Ion Ratio Lower Upper
106 100
91 211.0 110.0 330.0





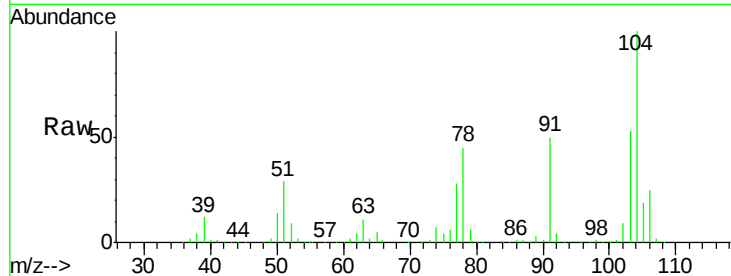
#69
Styrene
Concen: 50.108 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

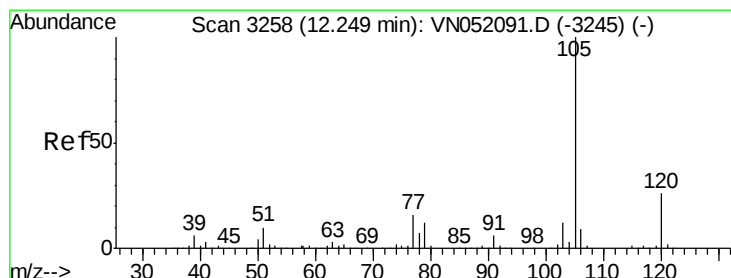
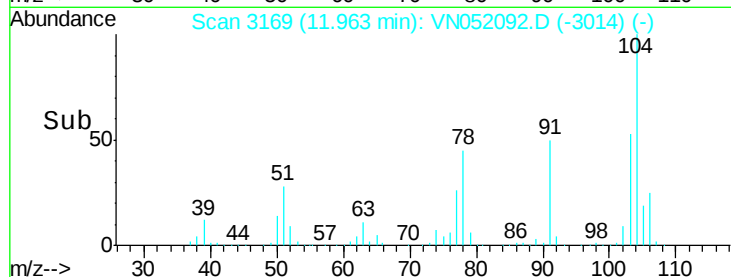
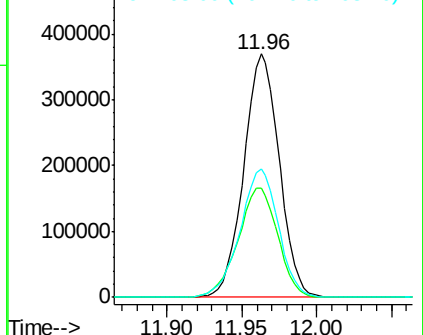
Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	41.3	61.9
103	57.0	43.3	64.9

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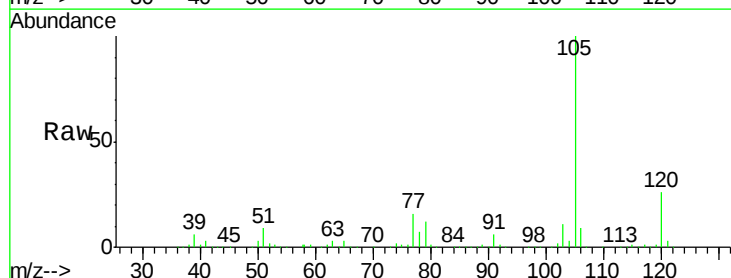


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

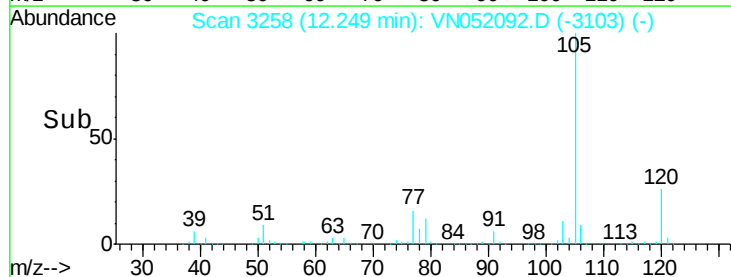
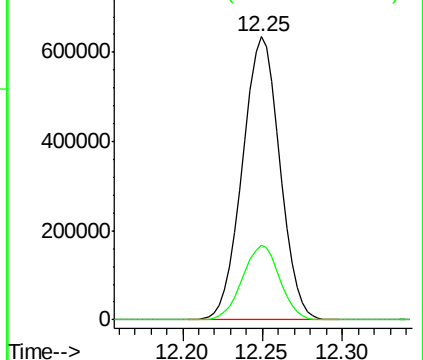


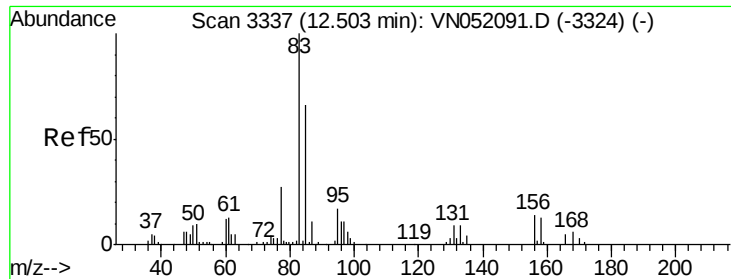
#70
Isopropylbenzene
Concen: 49.957 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.4	34.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





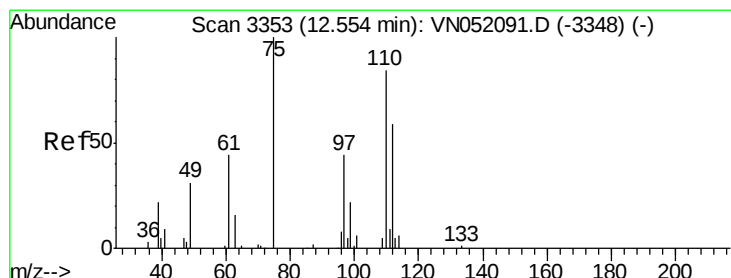
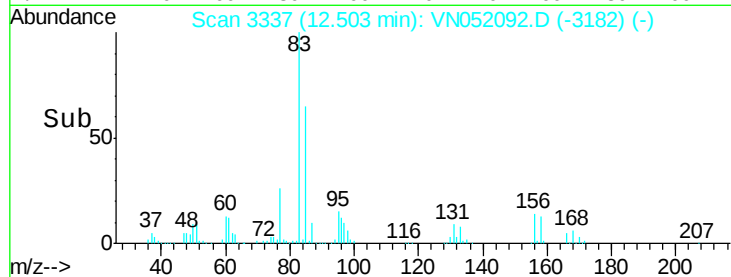
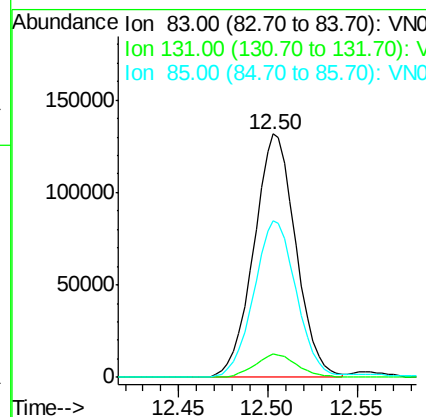
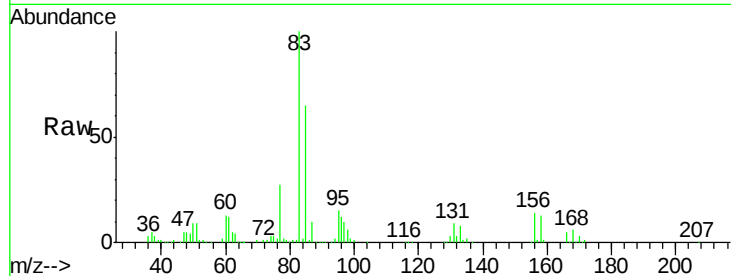
#71
 1,1,2,2-Tetrachloroethane
 Concen: 48.548 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	216372		
131	9.8	4.8	14.3	
85	64.8	32.7	98.1	

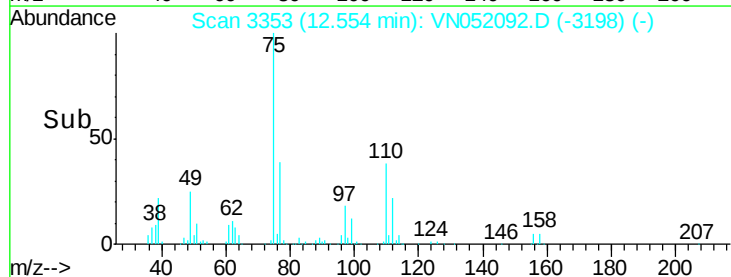
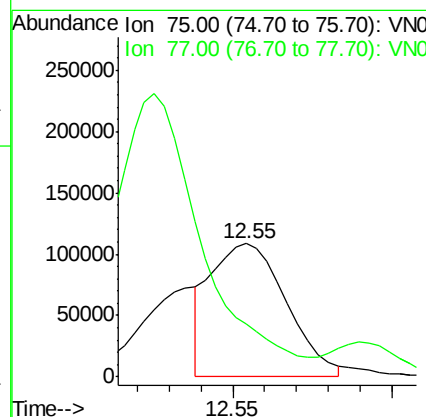
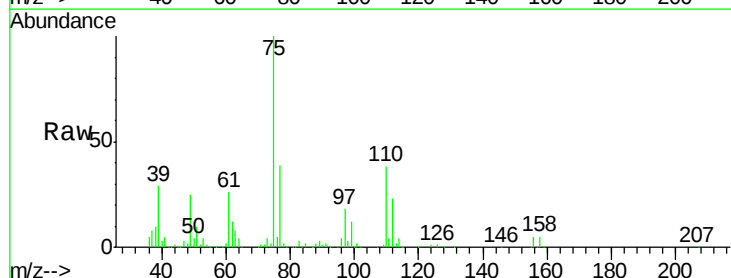
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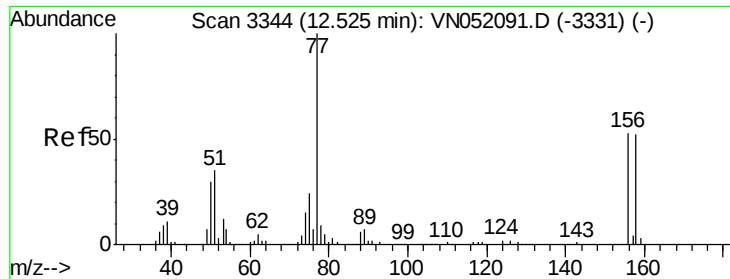
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 11/2/2018 9:21:05 AM



#72
 1,2,3-Trichloropropane
 Concen: 48.215 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178686		
77	253.0	0.0	481.8	





#73

Bromobenzene

Concen: 50.557 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

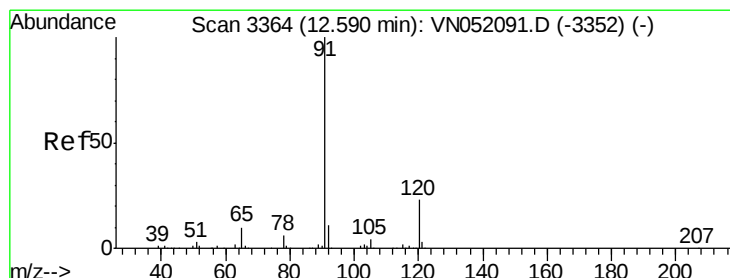
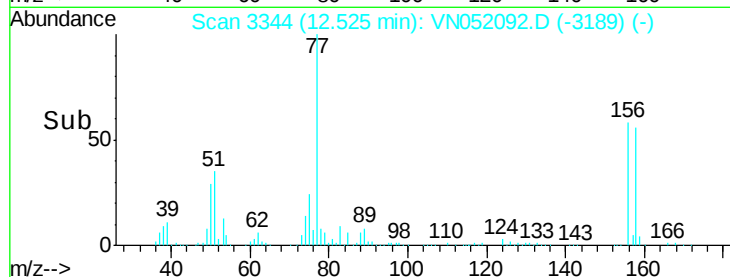
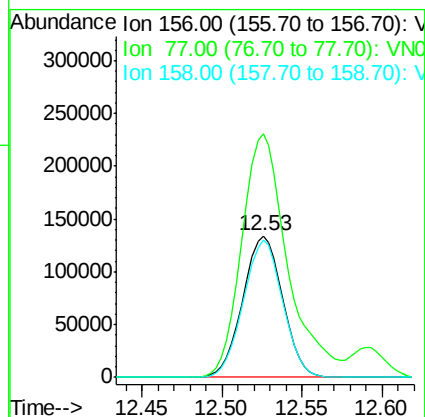
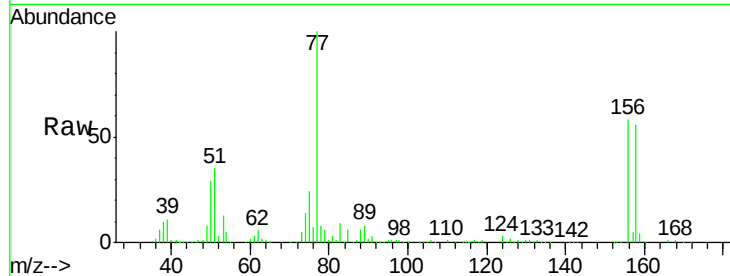
ClientSampleId :

VSTDIC050

Tgt Ion:	156	Resp:	226994
Ion Ratio	Lower	Upper	
156	100		
77	199.2	0.0	428.0
158	95.7	0.0	196.8

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#74

n-propylbenzene

Concen: 49.790 ug/l

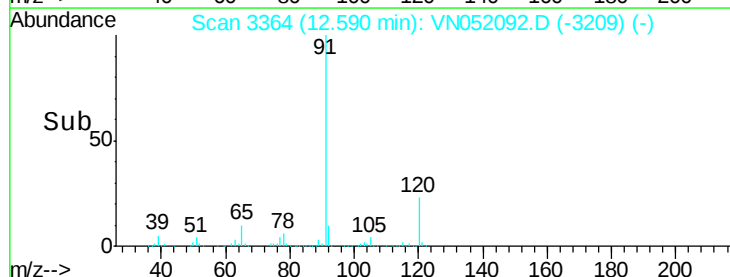
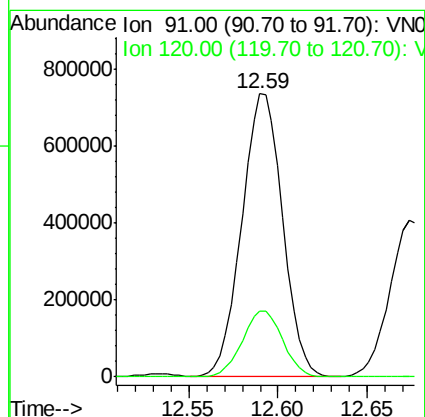
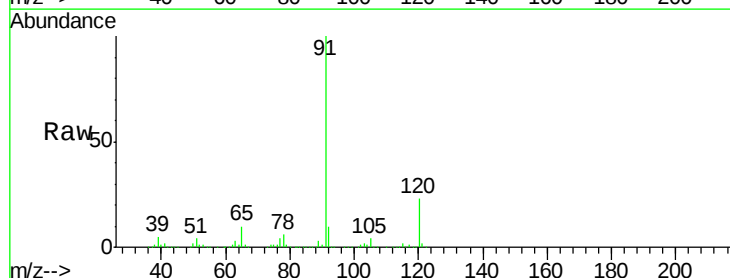
RT: 12.59 min Scan# 3364

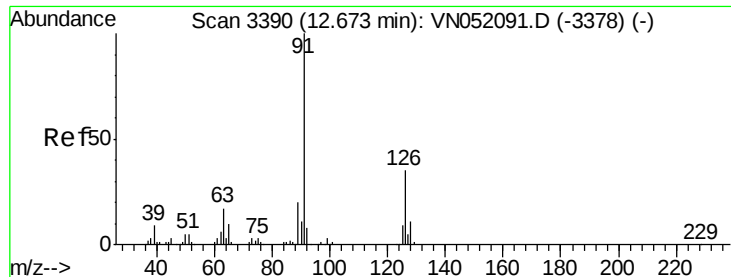
Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Tgt Ion:	91	Resp:	1174863
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 49.233 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 91 Resp: 669761

Ion Ratio Lower Upper

91 100

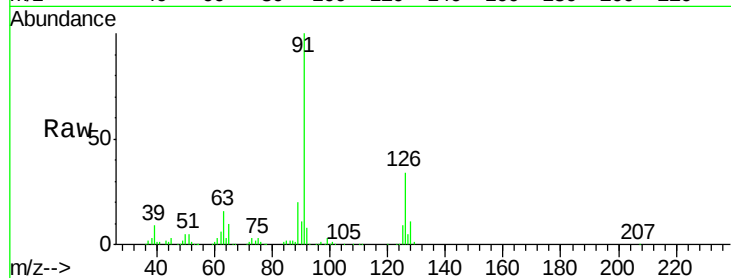
126 34.4 0.0 68.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN052091.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN052091.D (-3378) (-)

600000

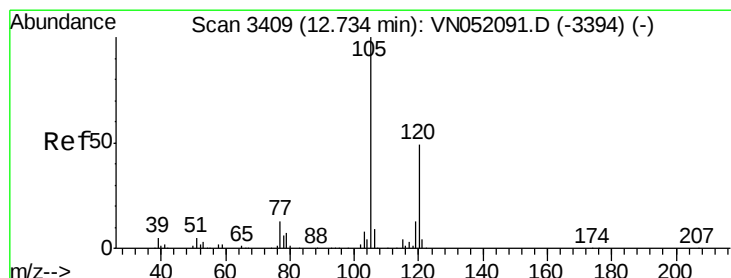
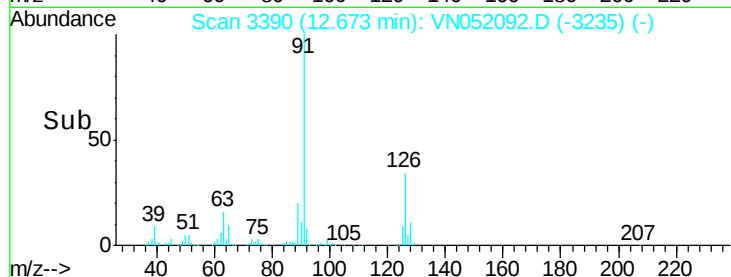
400000

200000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 50.172 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052092.D

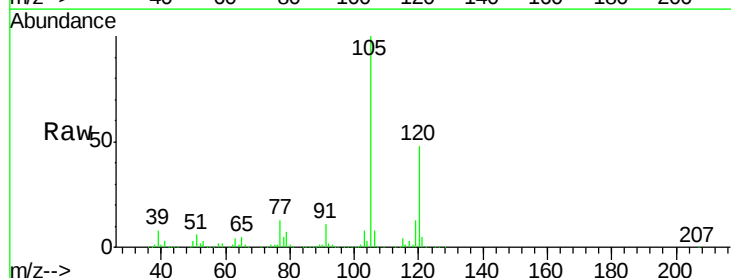
Acq: 1 Nov 2018 9:15

Tgt Ion: 105 Resp: 815193

Ion Ratio Lower Upper

105 100

120 48.9 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): VN052091.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN052091.D (-3394) (-)

600000

500000

400000

300000

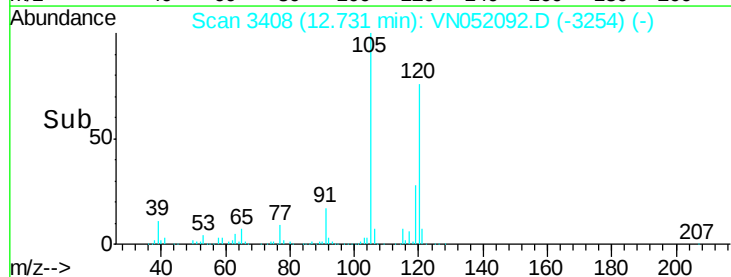
200000

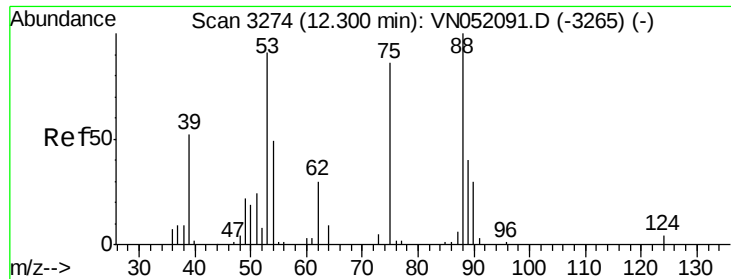
100000

0

12.65 12.70 12.75 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 49.245 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 60382

Ion Ratio Lower Upper

75 100

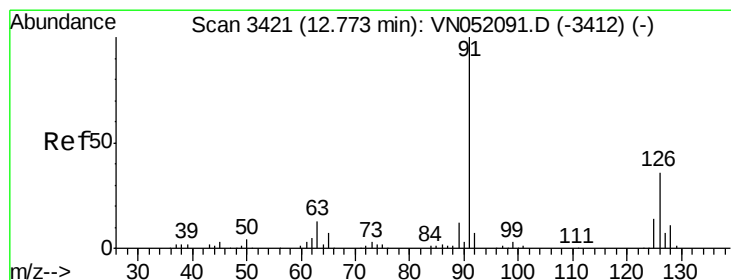
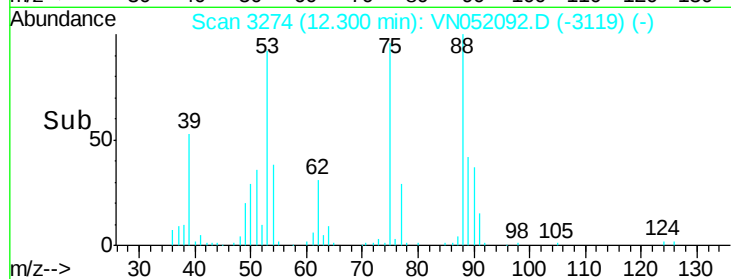
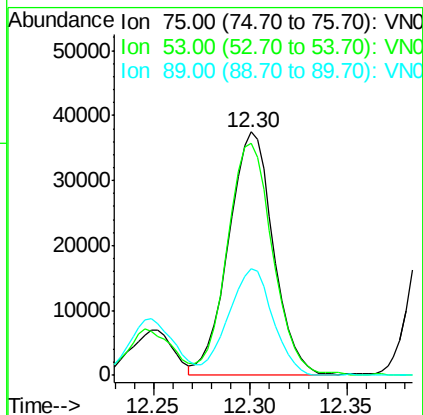
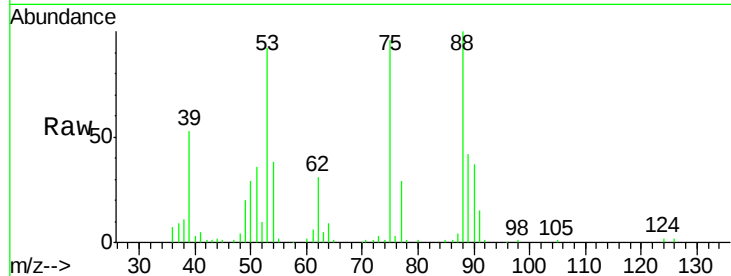
53 94.3 50.7 152.1

89 43.9 23.8 71.5

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#78

4-Chlorotoluene

Concen: 50.356 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052092.D

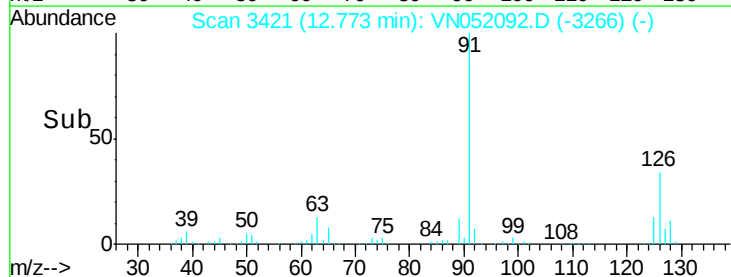
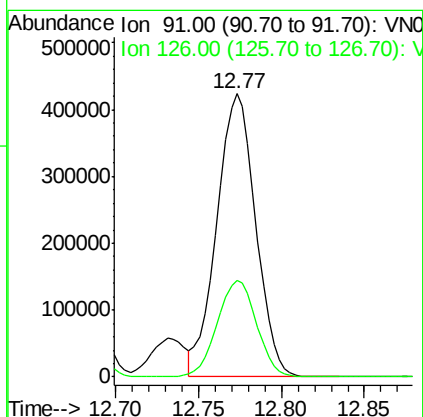
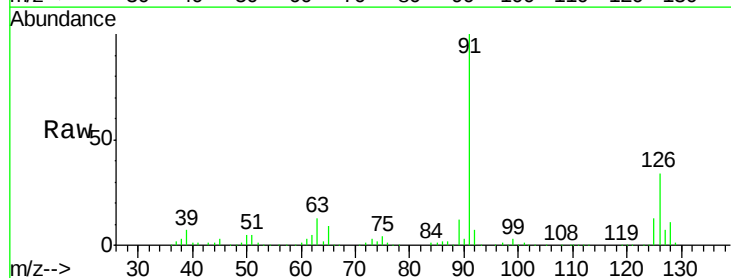
Acq: 1 Nov 2018 9:15

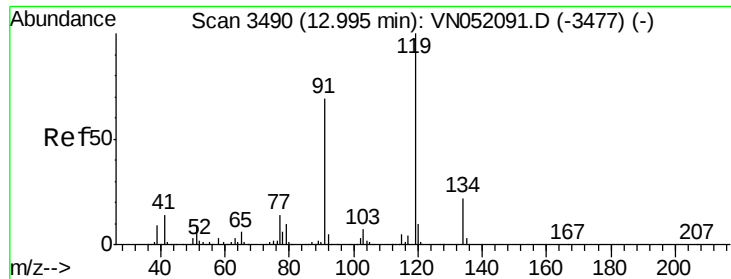
Tgt Ion: 91 Resp: 689844

Ion Ratio Lower Upper

91 100

126 34.5 0.0 68.0





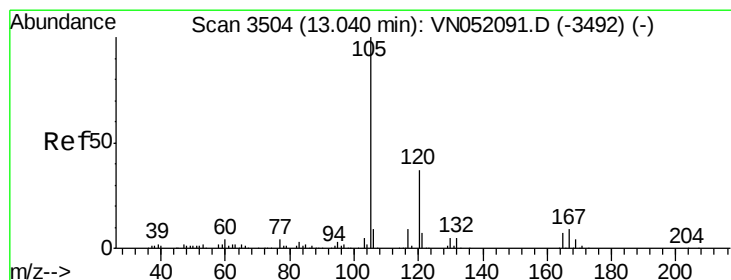
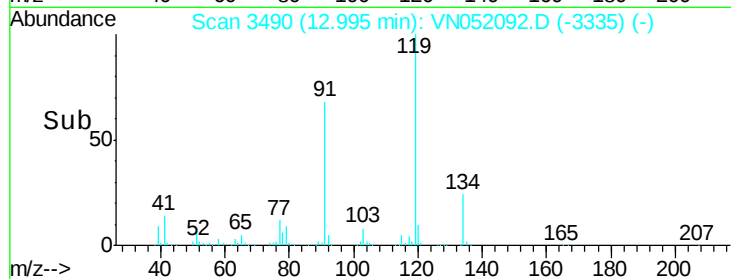
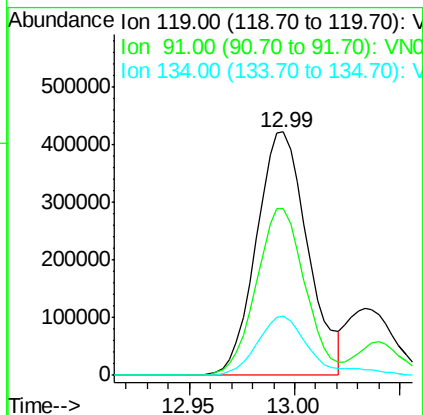
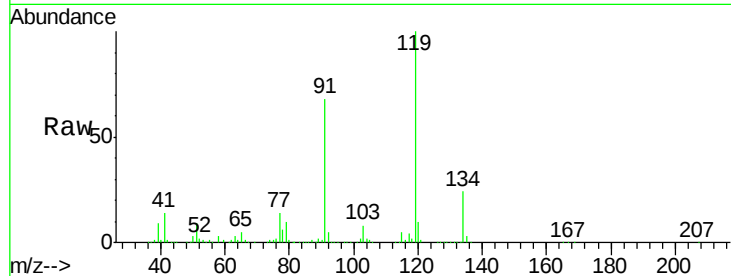
#79
tert-butylbenzene
Concen: 50.423 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	713670		
91	65.1	0.0	131.2	
134	23.5	0.0	45.8	

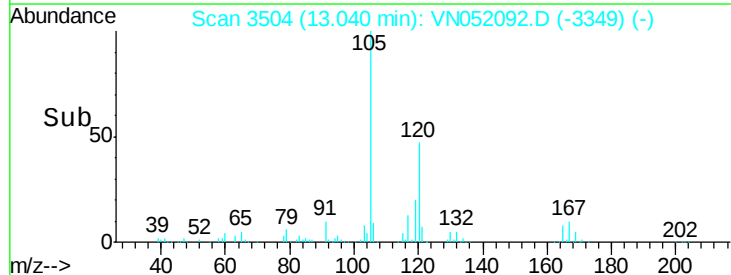
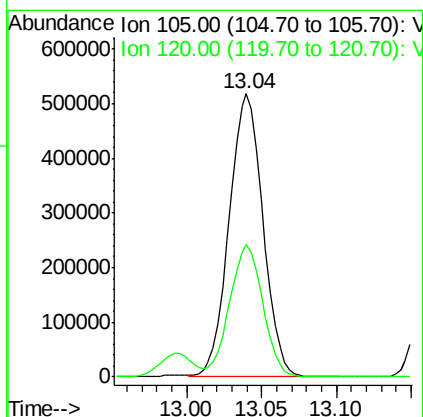
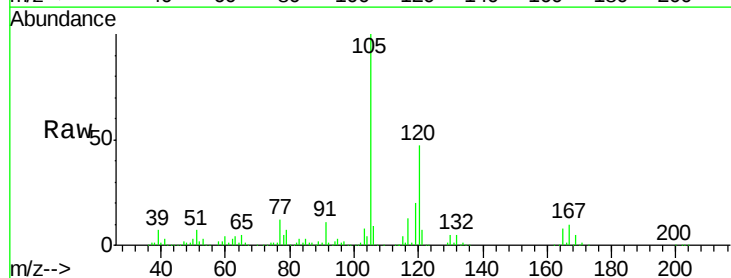
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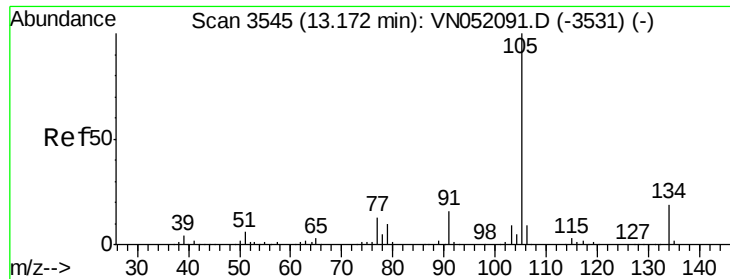
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 50.227 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	813005		
120	46.1	0.0	89.4	





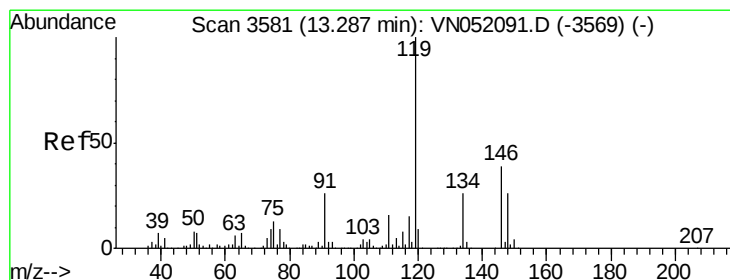
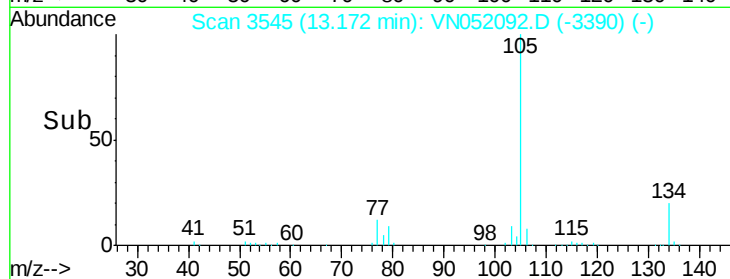
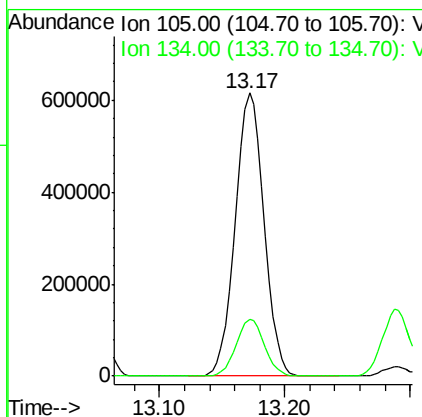
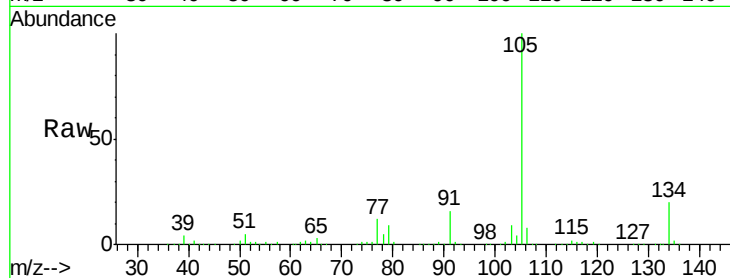
#81
 sec-Butylbenzene
 Concen: 50.233 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 978450
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6

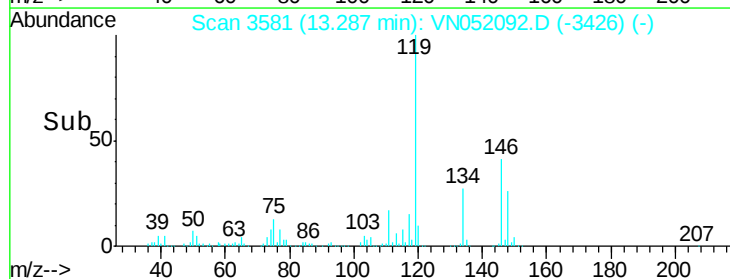
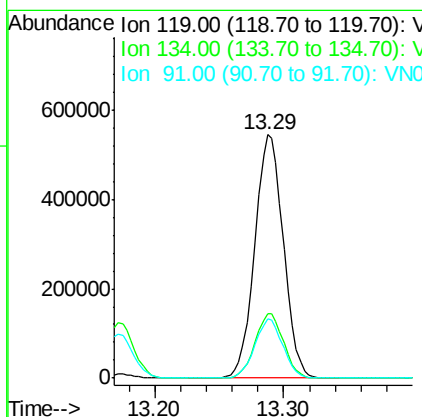
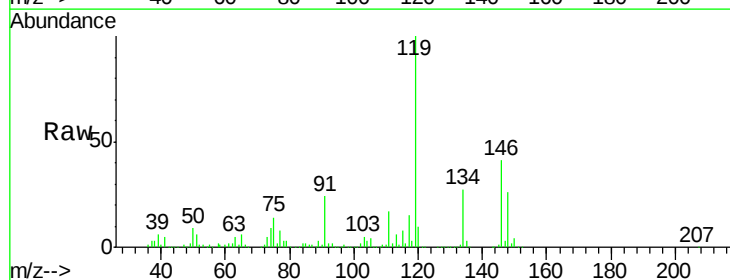
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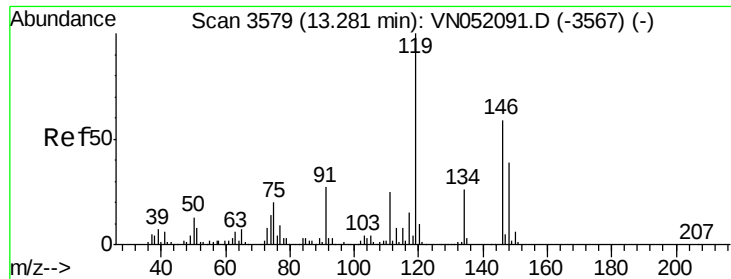
MMDadoda
 11/2/2018 9:21:05 AM



#82
 p-Isopropyltoluene
 Concen: 51.119 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion:119 Resp: 841467
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.0
 91 23.9 0.0 50.8





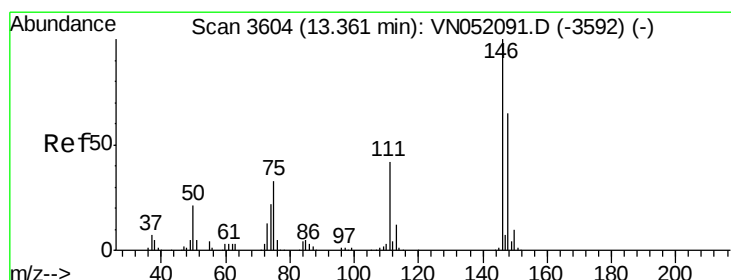
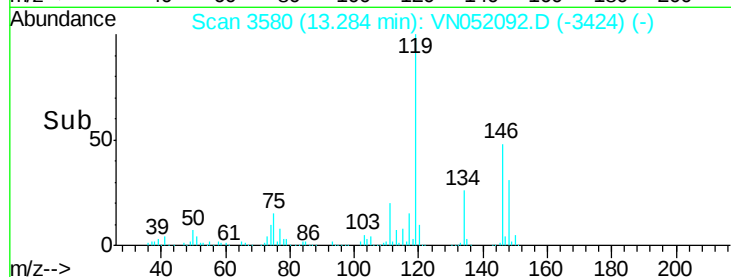
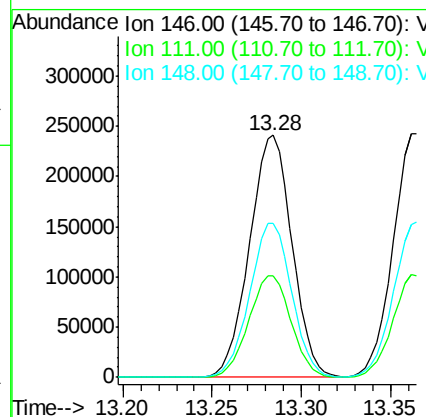
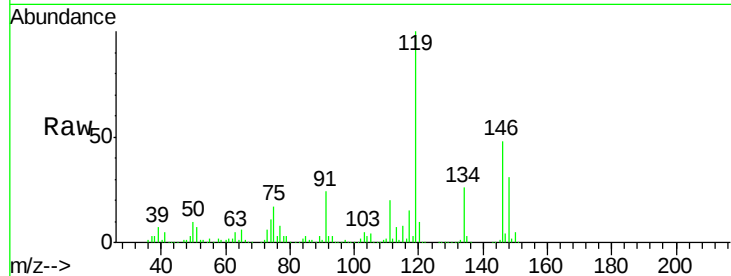
#83
 1,3-Dichlorobenzene
 Concen: 50.494 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.0	63.0
148	63.0	33.4	100.2

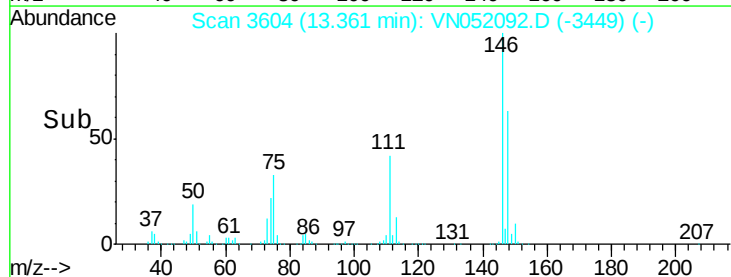
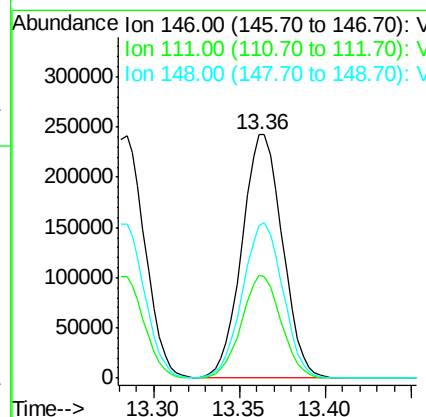
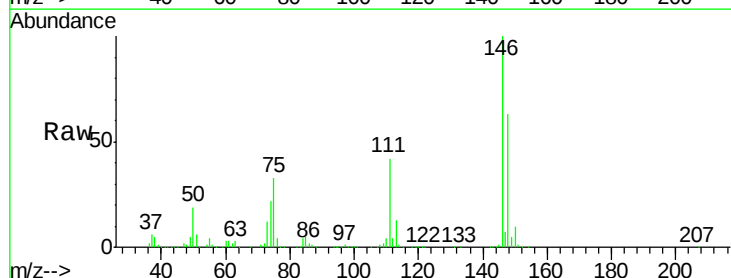
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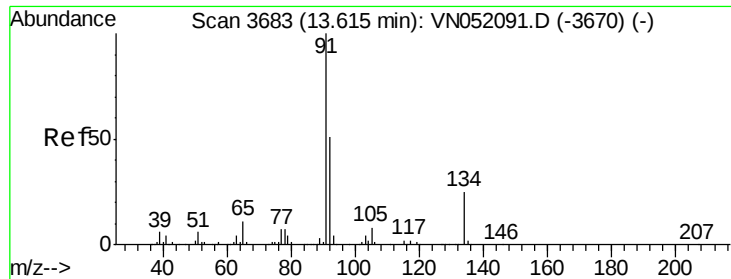
MMDadoda
 11/2/2018 9:21:05 AM



#84
 1,4-Dichlorobenzene
 Concen: 50.362 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.2
148	63.8	32.6	98.0





#85

n-Butylbenzene

Concen: 50.306 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Instrument :

MSVOA_N

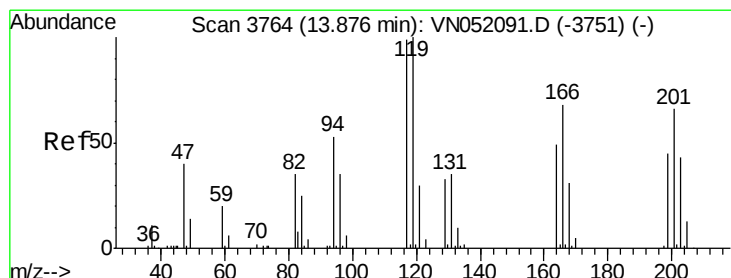
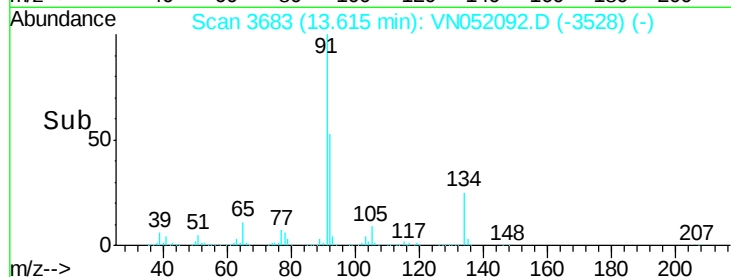
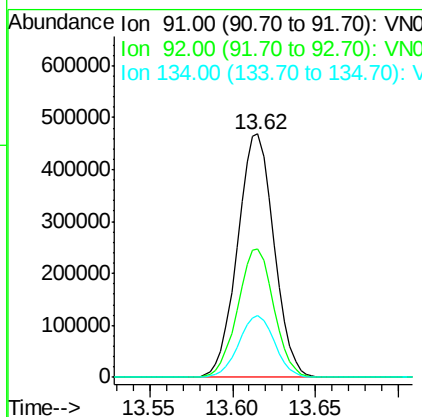
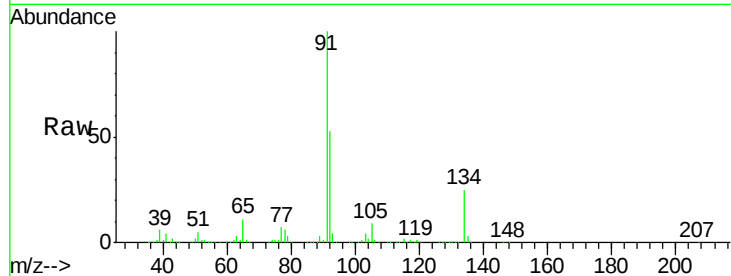
ClientSampleId :

VSTDIC050

Tgt Ion:	91	Resp:	716714
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	102.8
134	25.1	0.0	49.2

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#86

Hexachloroethane

Concen: 49.843 ug/l

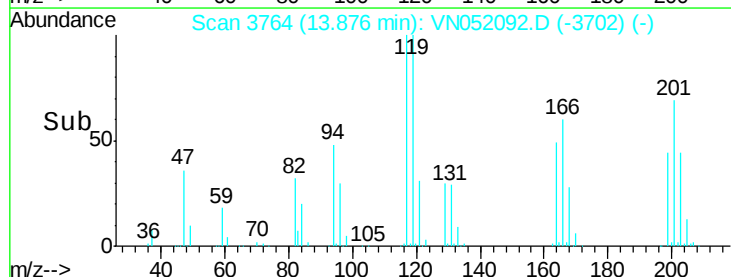
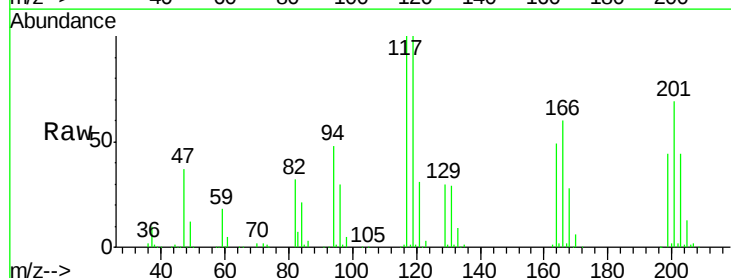
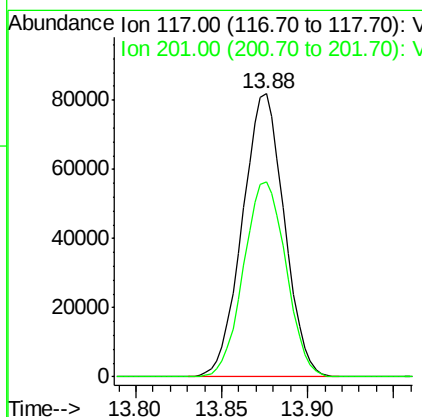
RT: 13.88 min Scan# 3764

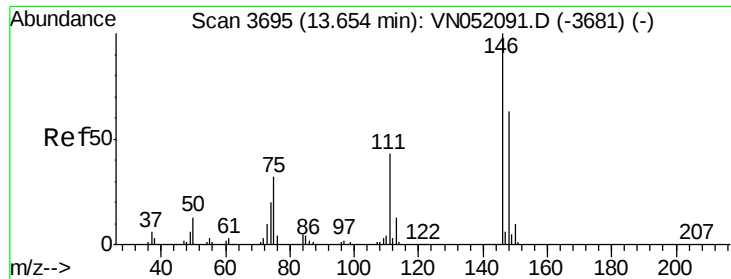
Delta R.T. -0.00 min

Lab File: VN052092.D

Acq: 1 Nov 2018 9:15

Tgt Ion:	117	Resp:	138456
Ion	Ratio	Lower	Upper
117	100		
201	69.6	32.2	96.6





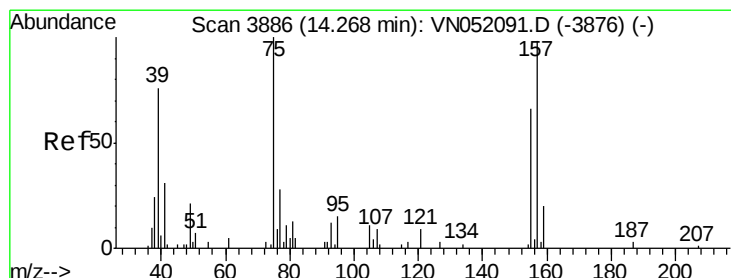
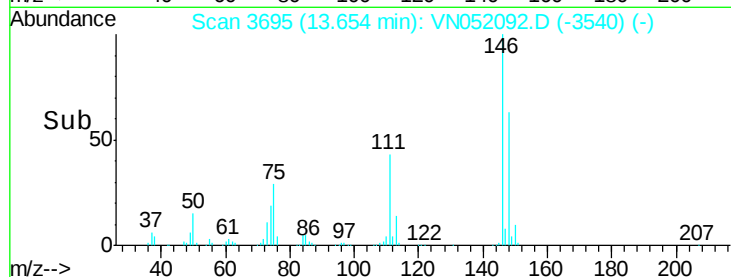
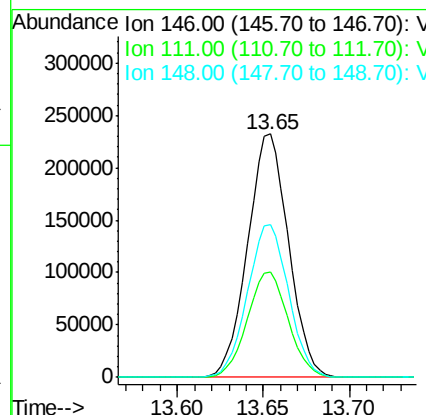
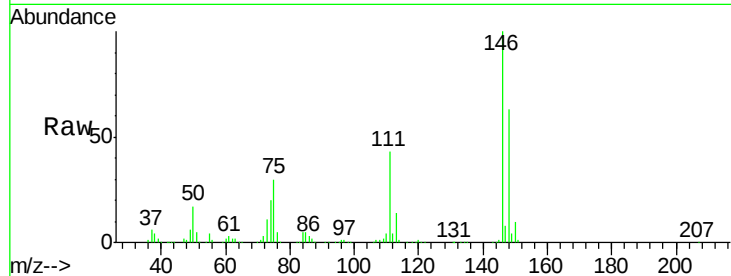
#87
 1,2-Dichlorobenzene
 Concen: 50.813 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	383411		
111	43.2	22.4	67.0	
148	63.1	32.5	97.4	

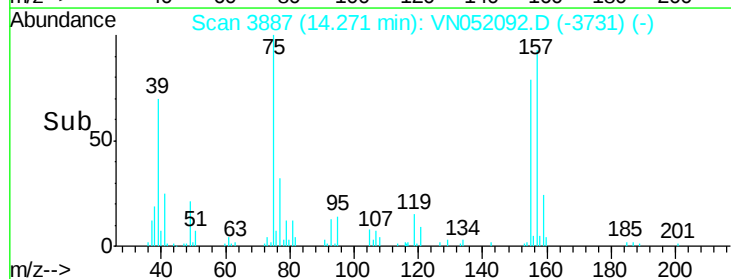
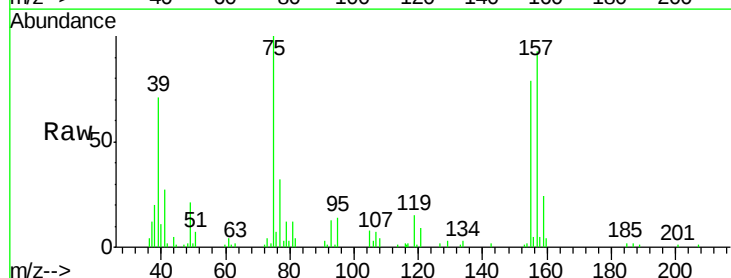
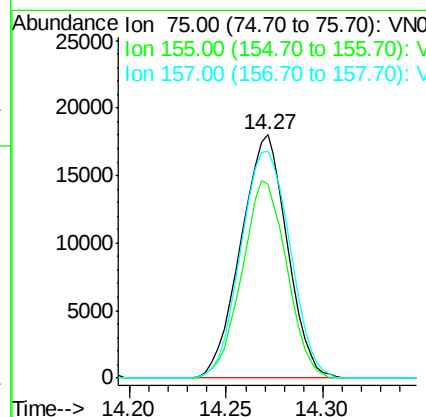
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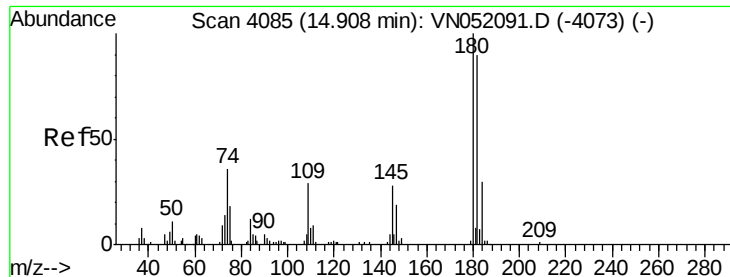
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.441 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30131		
155	77.9	56.7	85.1	
157	98.8	80.4	120.6	





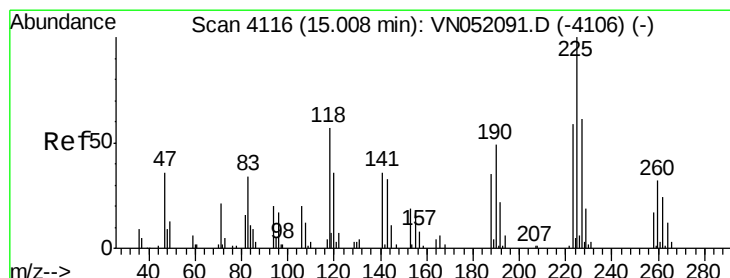
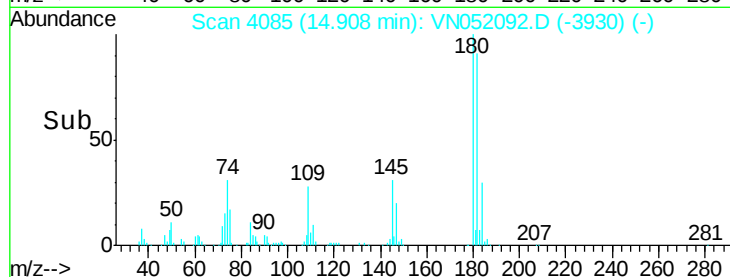
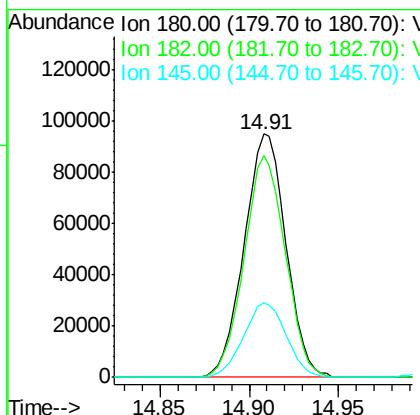
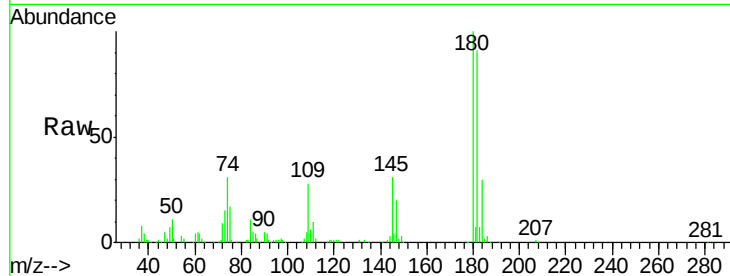
#89
 1,2,4-Trichlorobenzene
 Concen: 50.628 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155071		
182	89.9	74.0	111.0	
145	31.2	24.6	36.8	

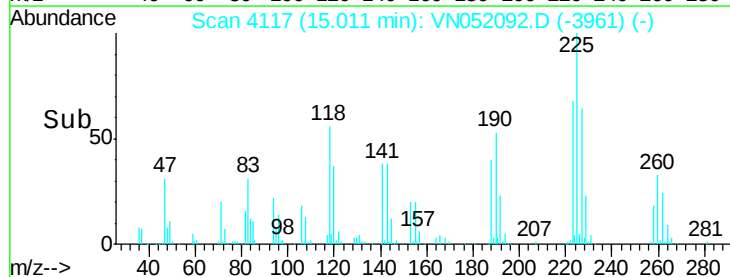
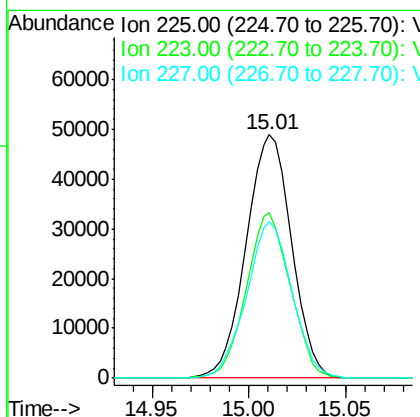
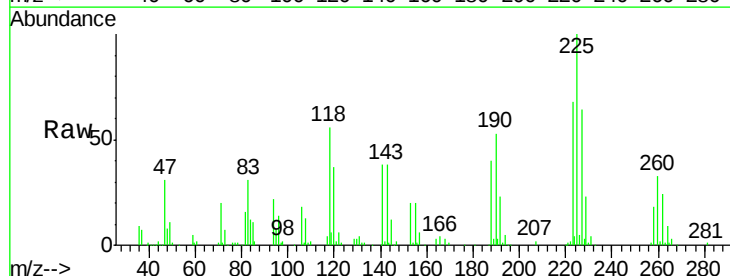
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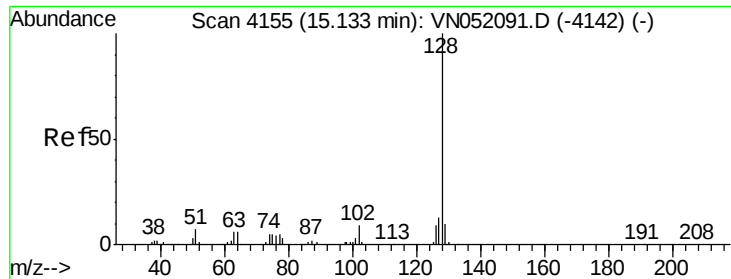
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#90
 Hexachlorobutadiene
 Concen: 47.787 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052092.D
 Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80080		
223	65.5	0.0	121.2	
227	64.3	0.0	127.2	





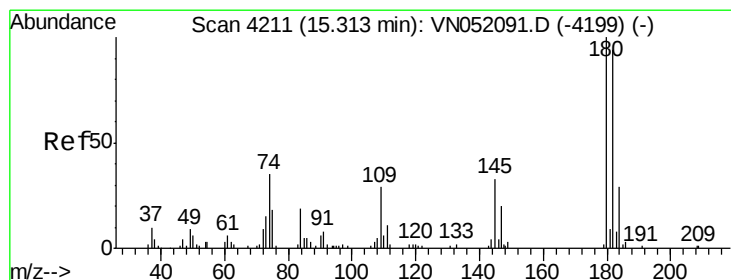
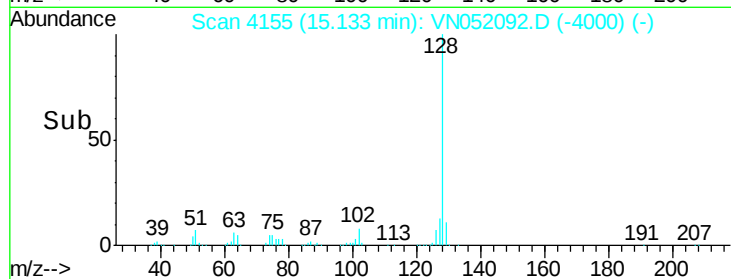
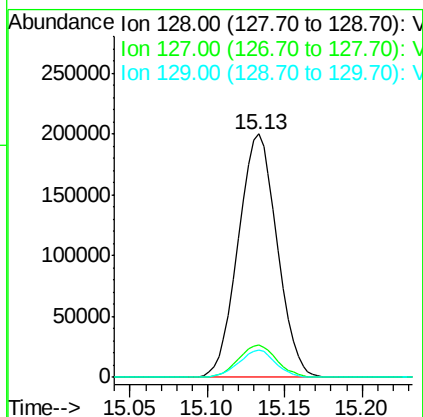
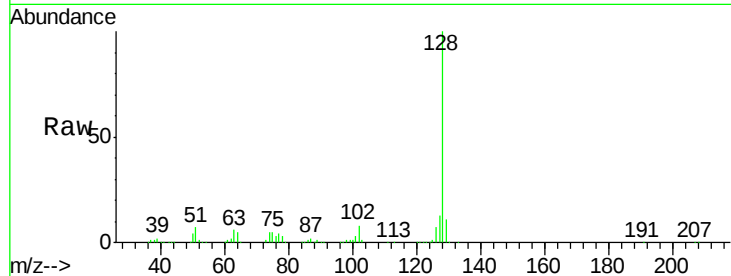
#91
Naphthalene
Concen: 49.530 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.6	8.3	12.5

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#92
1,2,3-Trichlorobenzene
Concen: 48.864 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052092.D
Acq: 1 Nov 2018 9:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	186.6
145	32.7	0.0	66.6

