

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052738.D
 Acq On : 7 Dec 2018 20:17
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:51:28 PM

Quant Time: Dec 07 22:36:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	157257	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	905072	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	807491	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	314773	29.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.93%
60) 4-Bromofluorobenzene	12.40	95	376368	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	10.09	98	1087132	29.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	152920	17.074 ug/l	100
3) Chloromethane	2.06	50	206112	17.352 ug/l	99
4) Vinyl Chloride	2.19	62	208363	17.380 ug/l	99
5) Bromomethane	2.58	94	73187	10.707 ug/l	96
6) Chloroethane	2.71	64	127842	17.932 ug/l	99
7) Trichlorofluoromethane	3.03	101	274762	18.571 ug/l	99
8) Diethyl Ether	3.41	74	110637	20.251 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	169077	18.027 ug/l	98
10) 1,1-Dichloroethene	3.74	96	167825	19.031 ug/l	100
11) Methyl Iodide	3.96	142	112349	9.176 ug/l	98
12) Methyl Acetate	4.33	43	164280	21.925 ug/l	99
13) Acrolein	3.61	56	22550	25.620 ug/l	93
14) Acrylonitrile	4.99	53	336979	105.551 ug/l	98
15) Acetone	3.81	58	81545	98.626 ug/l	95
16) Carbon Disulfide	4.06	76	476875	17.080 ug/l	100
17) Allyl chloride	4.33	41	285565	18.568 ug/l	99
18) Methylene Chloride	4.55	84	200694	19.655 ug/l	97
19) trans-1,2-Dichloroethene	5.05	96	179718	18.937 ug/l	94
20) Diisopropyl ether	5.95	45	622772	19.269 ug/l	97
21) 1,1-Dichloroethane	5.85	63	351494	19.082 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	210406	19.345 ug/l	97
23) tert-Butyl Alcohol	4.77	59	58553	123.288 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	492827	21.303 ug/l	97
25) Chloroform	7.37	83	339939	19.129 ug/l	97
26) Cyclohexane	7.65	56	308041	17.730 ug/l	# 100
29) 1,1-Dichloropropene	7.79	75	259084	18.745 ug/l	99
30) 2-Butanone	6.83	43	388236	104.975 ug/l	98
31) 2,2-Dichloropropane	6.83	77	238783	18.766 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	280602	19.511 ug/l	97
33) Carbon Tetrachloride	7.78	117	234968	18.673 ug/l	99
34) Benzene	8.04	78	800022	19.252 ug/l	99
35) Methacrylonitrile	7.17	41	74772	16.295 ug/l	96
36) 1,2-Dichloroethane	8.12	62	248386	19.725 ug/l	99
37) Trichloroethene	8.84	130	214006	20.309 ug/l	97
38) Methylcyclohexane	9.08	83	303271	17.725 ug/l	97
39) 1,2-Dichloropropane	9.12	63	216841	19.467 ug/l	96
40) Dibromomethane	9.21	93	125211	20.801 ug/l	96

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41) Bromodichloromethane	9.40	83	251274	18.894	ug/l	99
42) Vinyl Acetate	5.90	43	1839104	91.907	ug/l	99
43) Ethyl Acetate	6.93	43	171271	21.779	ug/l #	68
44) Isopropyl Acetate	8.16	43	321415	23.304	ug/l #	82
45) 1,4-Dioxane	9.20	88	32775	434.378	ug/l	95
46) Methyl methacrylate	9.20	41	156695	21.881	ug/l	97
47) n-amyl Acetate	12.07	43	279429	24.435	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	250598	19.434	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	297141	18.913	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	176266	20.658	ug/l	99
51) Ethyl methacrylate	10.43	69	236195	22.041	ug/l	97
52) 1,3-Dichloropropane	10.71	76	308615	20.320	ug/l	99
53) Dibromochloromethane	10.90	129	183358	19.519	ug/l	98
54) 1,2-Dibromoethane	11.01	107	176065	21.117	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	691171	110.184	ug/l	99
56) Bromoform	12.13	173	117179	19.084	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	871680	111.348	ug/l	99
59) 2-Hexanone	10.75	43	591457	110.600	ug/l	97
61) Tetrachloroethene	10.63	164	234476	23.577	ug/l	95
62) Toluene	10.16	91	853150	19.166	ug/l	99
64) Chlorobenzene	11.43	112	532629	19.603	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	184824	19.597	ug/l	99
66) Ethyl Benzene	11.51	91	916793	19.109	ug/l	99
67) m/p-Xylenes	11.62	106	695446	38.908	ug/l	99
68) o-Xylene	11.95	106	342431	19.739	ug/l	98
69) Styrene	11.97	104	554007	19.785	ug/l	100
70) Isopropylbenzene	12.25	105	904171	19.588	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	206356	20.552	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	184657m	21.423	ug/l	
73) Bromobenzene	12.53	156	233245	20.893	ug/l	96
74) n-propylbenzene	12.59	91	1043072	19.395	ug/l	99
75) 2-Chlorotoluene	12.68	91	613431	19.650	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	742075	19.904	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	54256	19.926	ug/l	99
78) 4-Chlorotoluene	12.77	91	621965	19.951	ug/l	99
79) tert-butylbenzene	12.99	119	651233	20.057	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	750361	20.114	ug/l	99
81) sec-Butylbenzene	13.17	105	890504	19.691	ug/l	99
82) p-Isopropyltoluene	13.29	119	766902	19.915	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	409475	20.855	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	404929	21.346	ug/l	98
85) n-Butylbenzene	13.62	91	657814	19.886	ug/l	99
86) Hexachloroethane	13.88	117	110265	16.899	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	400630	21.442	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	33427	23.766	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	243216	26.421	ug/l	99
90) Hexachlorobutadiene	15.01	225	127503	21.114	ug/l	99
91) Naphthalene	15.13	128	548323	29.497	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	226706	26.724	ug/l	97

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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

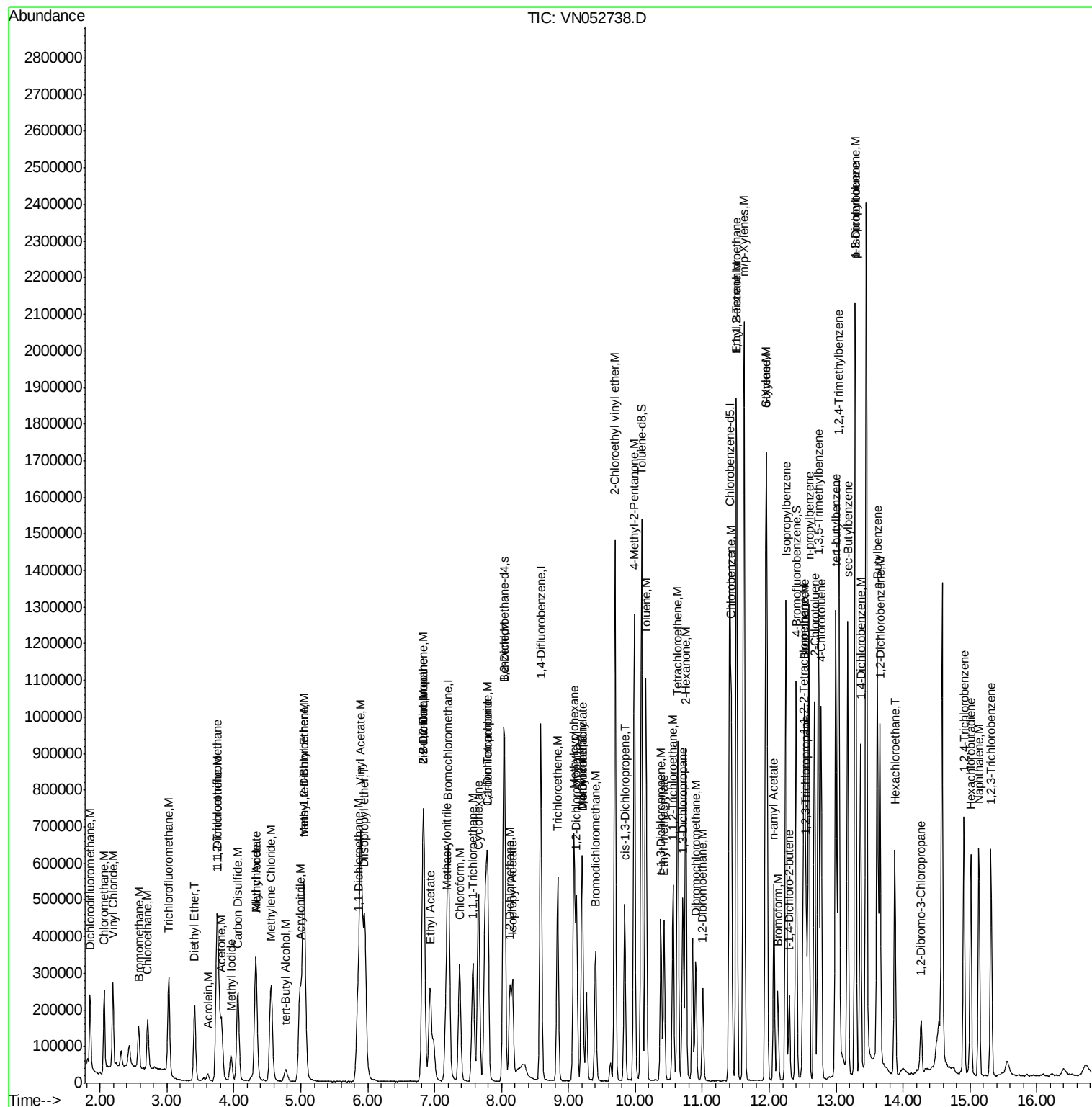
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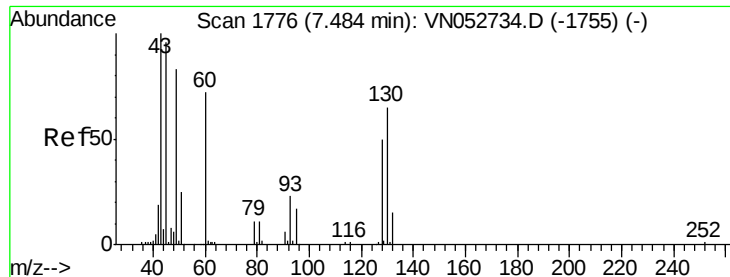
Instrument :
MSVOA_N
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN052738.D

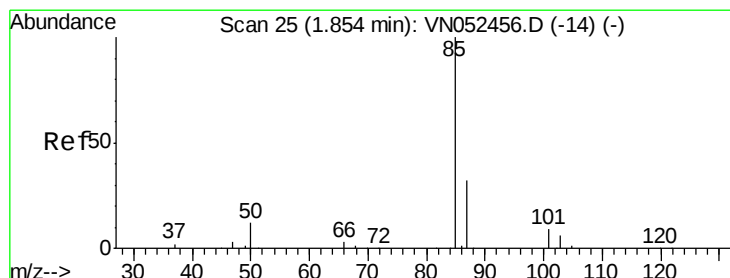
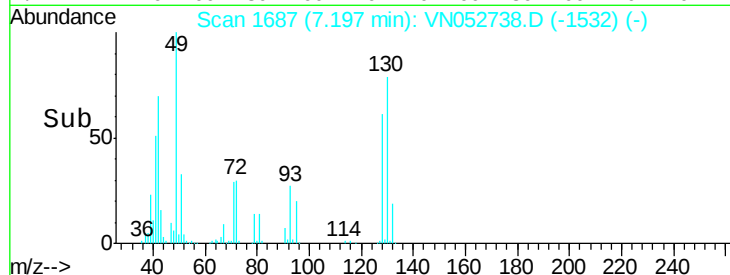
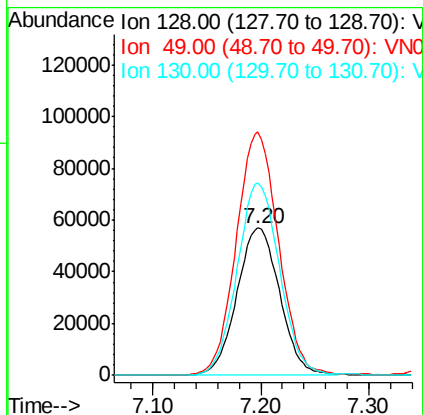
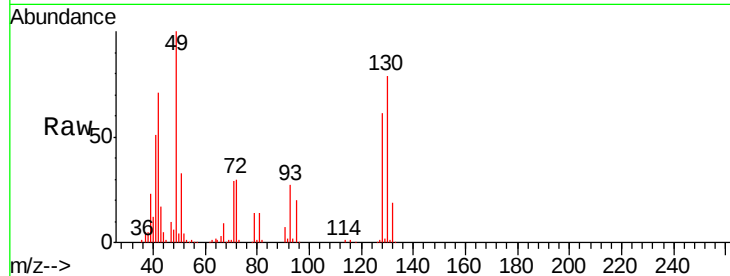
Acq: 7 Dec 2018 20:17

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MSVOA_N
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VSTDCCC020EC

Tgt Ion:	128	Resp:	157257
Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	431.8
130	130.1	0.0	317.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.074 ug/l

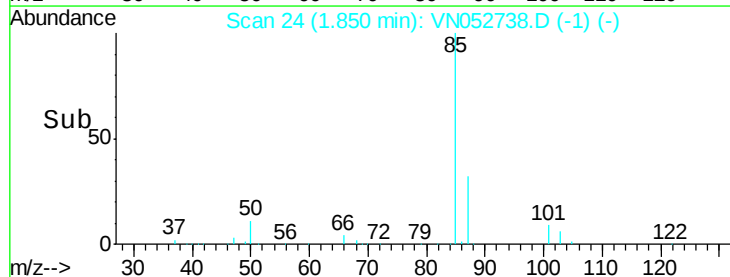
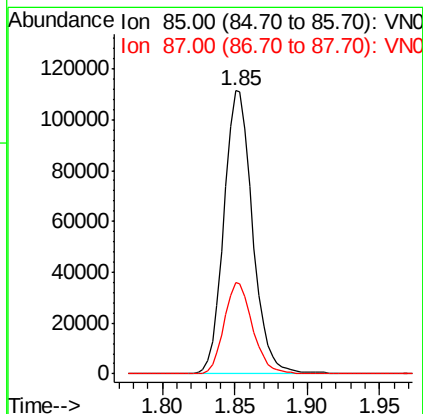
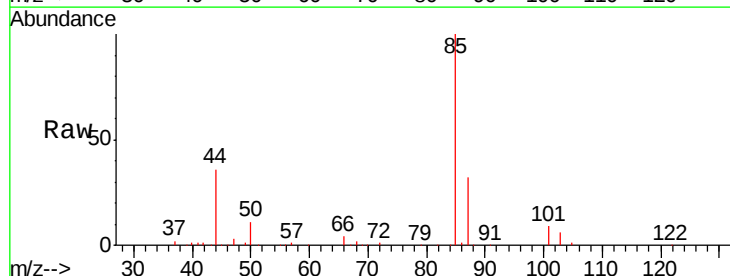
RT: 1.85 min Scan# 24

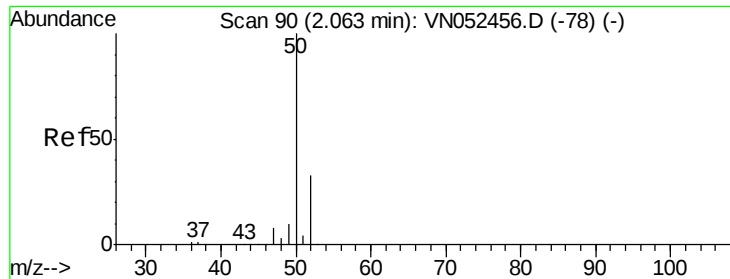
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	85	Resp:	152920
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.3





#3

Chloromethane

Concen: 17.352 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 206112

Ion Ratio Lower Upper

50 100

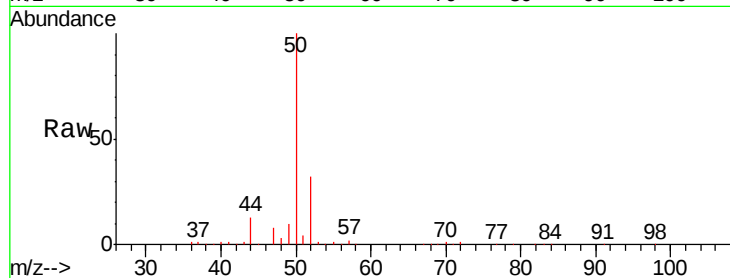
52 32.4 26.5 39.7

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

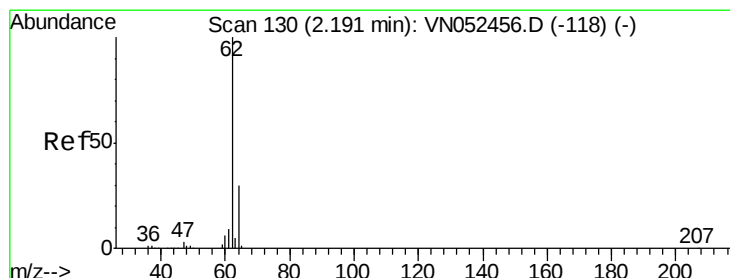
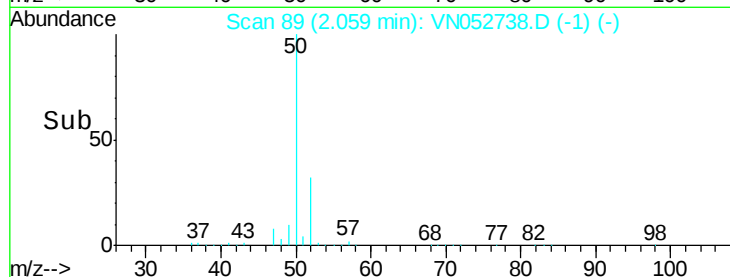
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.380 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052738.D

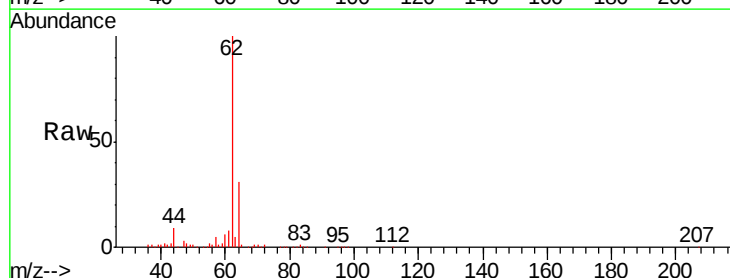
Acq: 7 Dec 2018 20:17

Tgt Ion: 62 Resp: 208363

Ion Ratio Lower Upper

62 100

64 31.1 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.19

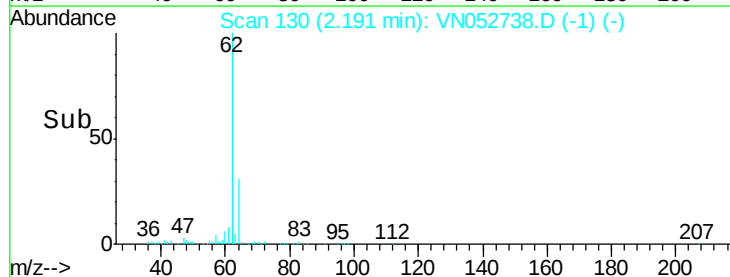
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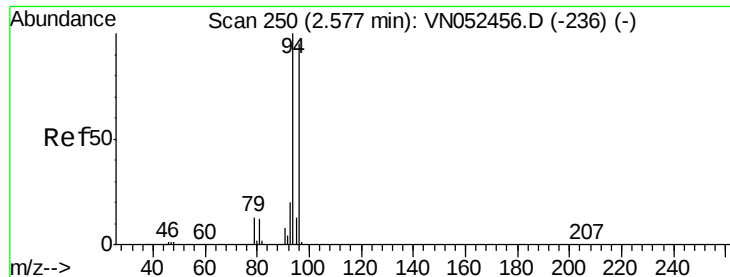
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50000

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Time-->





#5

Bromomethane

Concen: 10.707 ug/l

RT: 2.58 min Scan# 250

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 73187

Ion Ratio Lower Upper

94 100

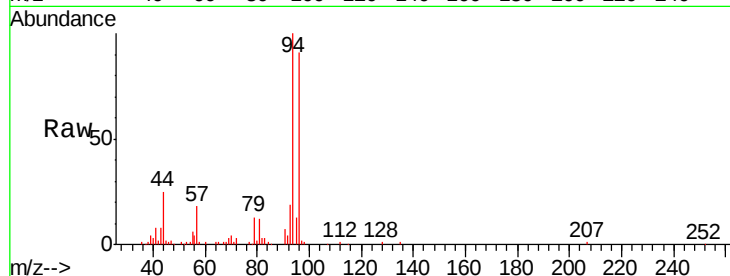
96 90.9 76.2 114.2

Manual Integrations

APPROVED

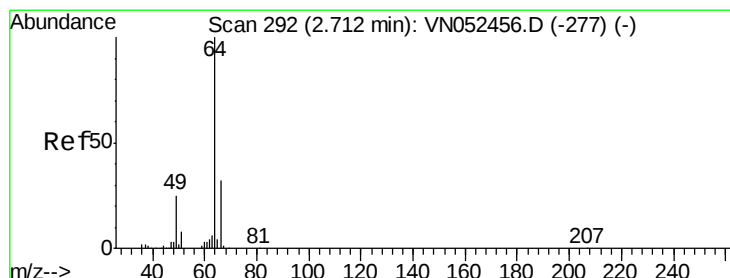
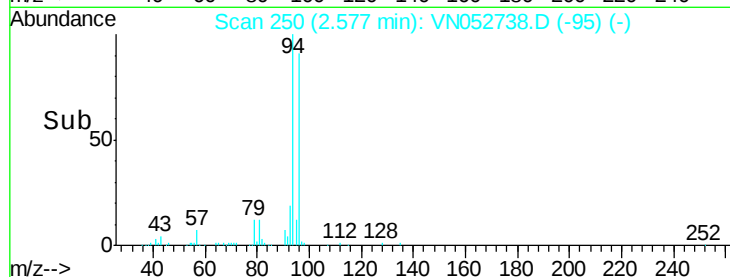
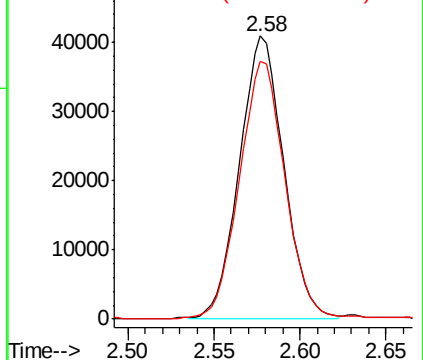
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.932 ug/l

RT: 2.71 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN052738.D

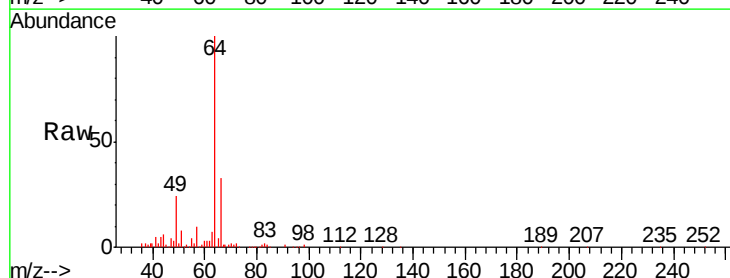
Acq: 7 Dec 2018 20:17

Tgt Ion: 64 Resp: 127842

Ion Ratio Lower Upper

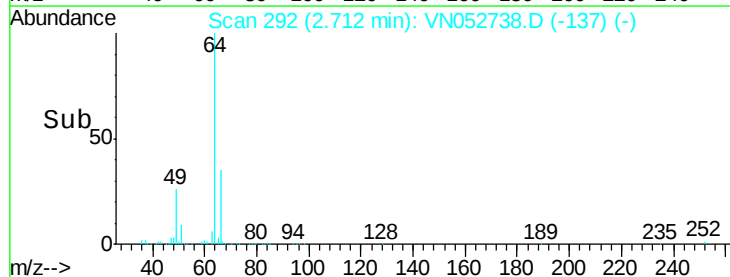
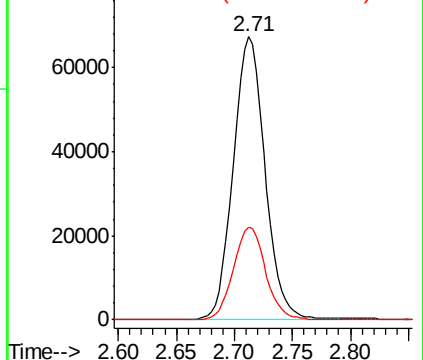
64 100

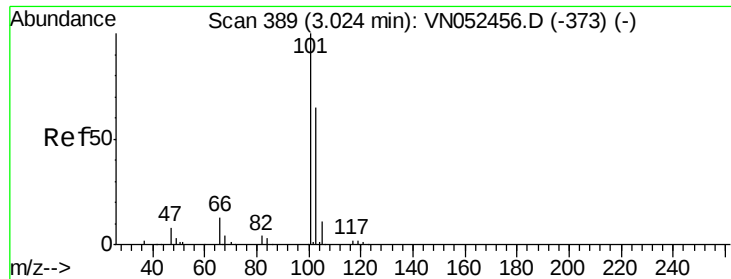
66 32.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

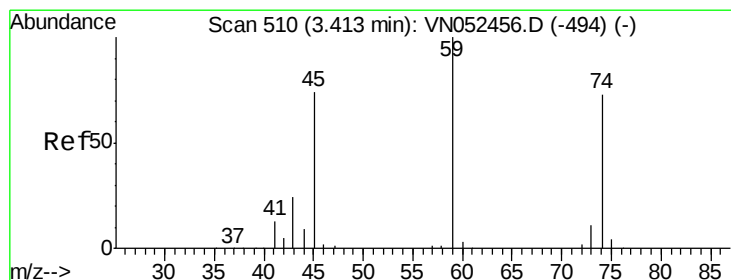
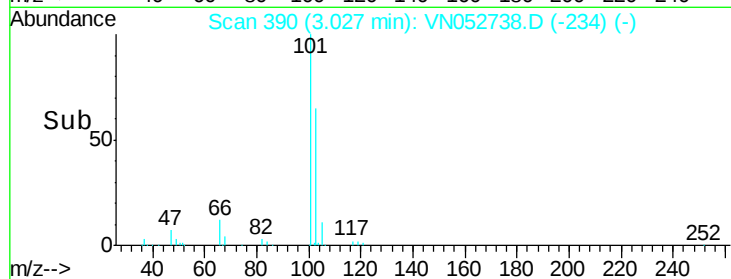
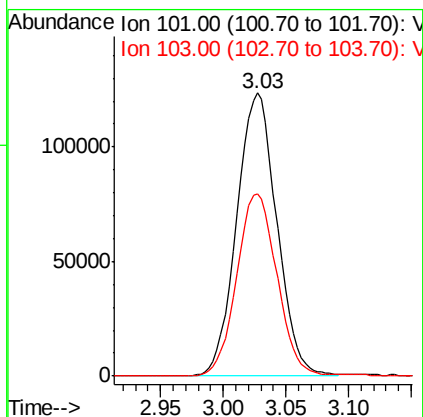
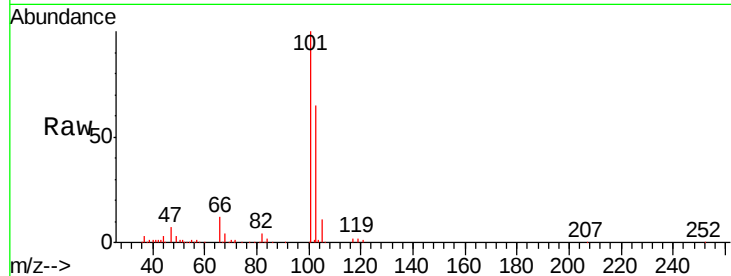
Trichlorofluoromethane
 Concen: 18.571 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

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 ClientSampleId :
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Tgt Ion: 101 Resp: 274762
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1

Manual Integrations
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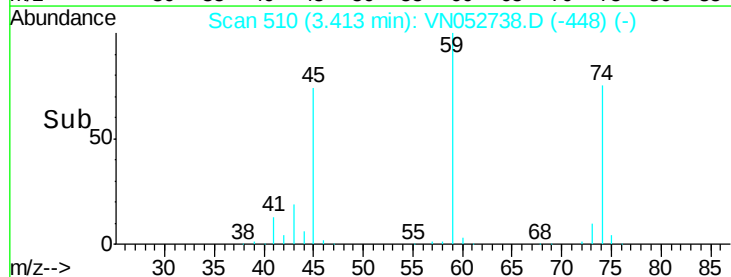
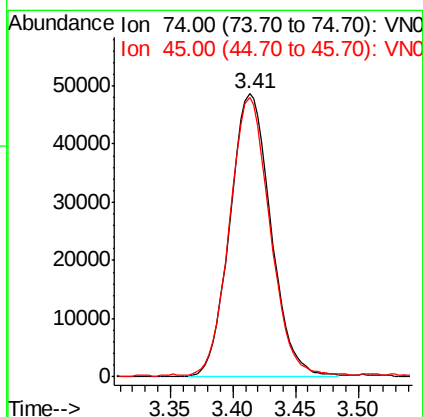
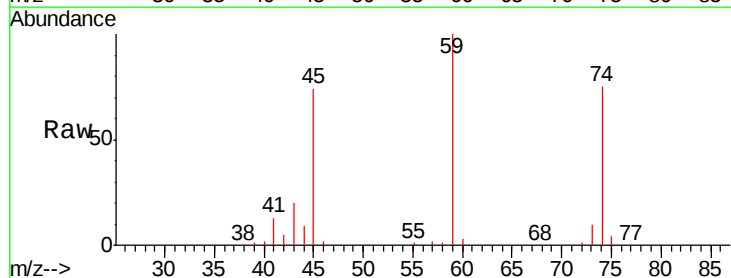
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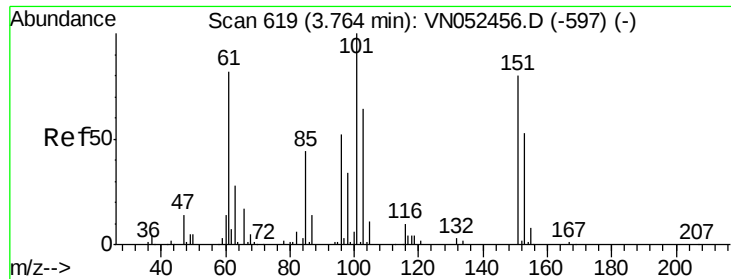


#8

Diethyl Ether
 Concen: 20.251 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion: 74 Resp: 110637
 Ion Ratio Lower Upper
 74 100
 45 96.4 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.027 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

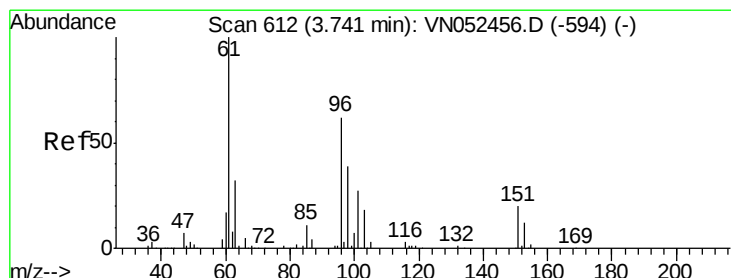
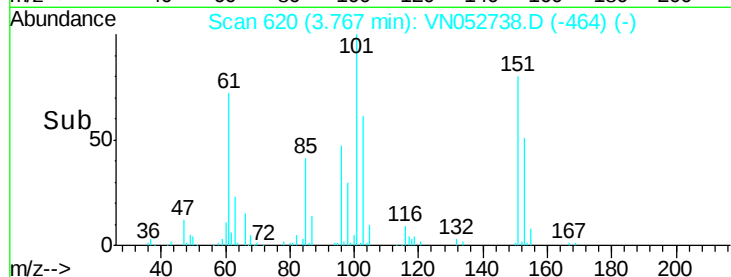
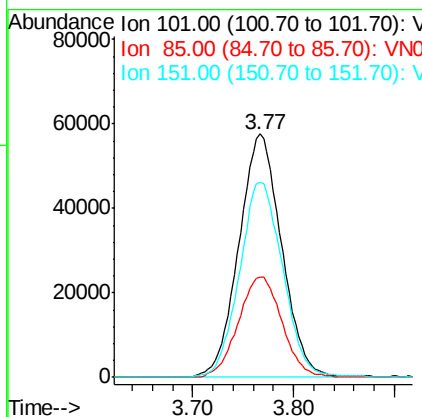
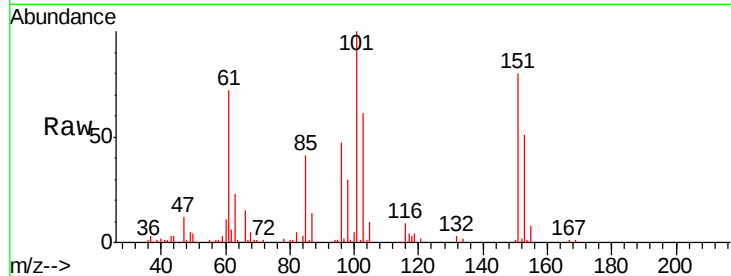
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	101	Resp:	169077
Ion Ratio	Lower	Upper	
101	100		
85	42.2	0.0	82.6
151	81.6	0.0	158.4

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#10

1,1-Dichloroethene

Concen: 19.031 ug/l

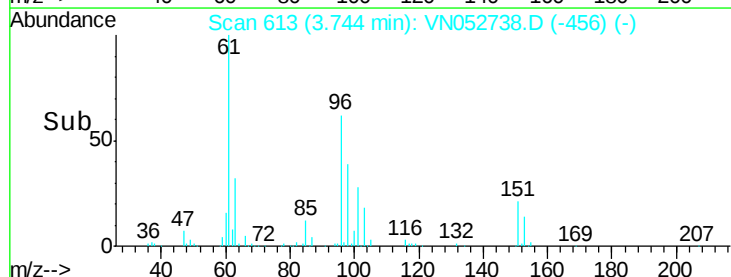
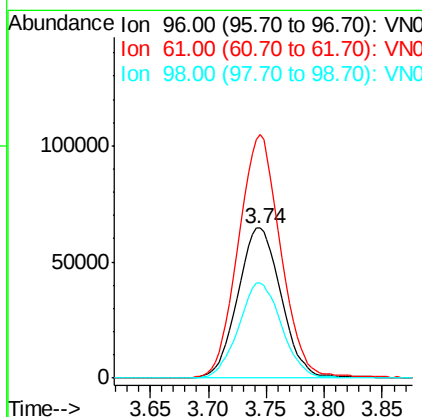
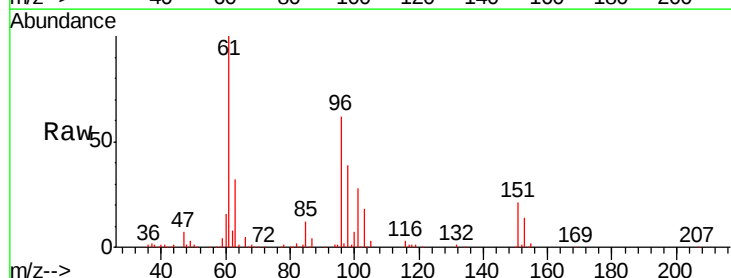
RT: 3.74 min Scan# 613

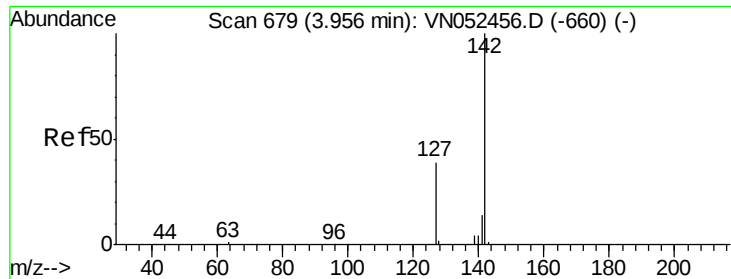
Delta R.T. 0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	96	Resp:	167825
Ion Ratio	Lower	Upper	
96	100		
61	162.2	129.4	194.2
98	63.7	50.4	75.6





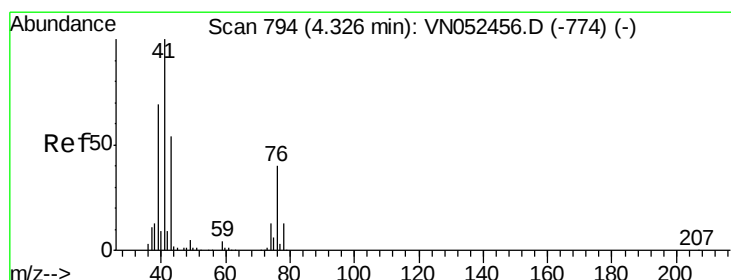
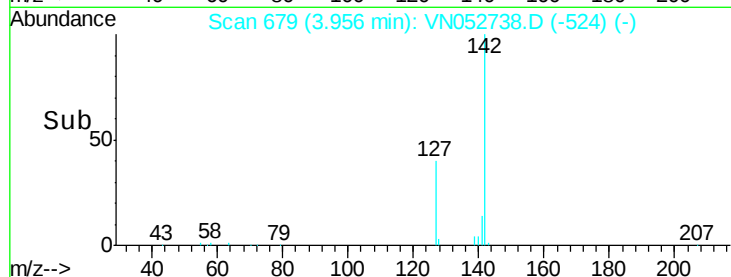
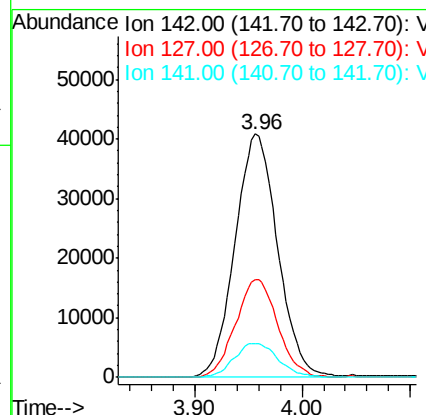
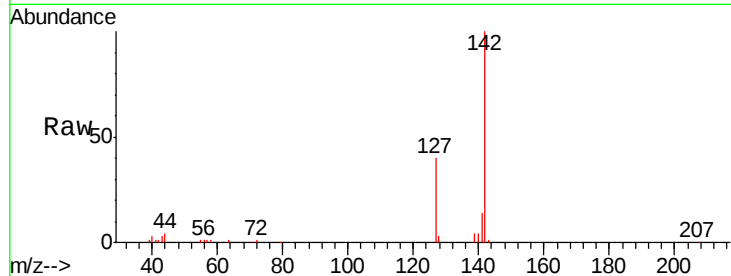
#11
Methyl Iodide
Concen: 9.176 ug/l
RT: 3.96 min Scan# 679
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.1	19.4	58.1
141	14.0	7.2	21.6

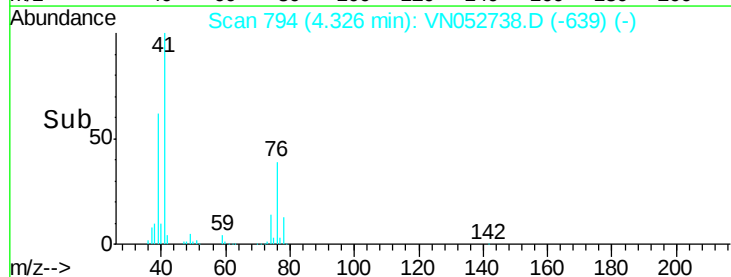
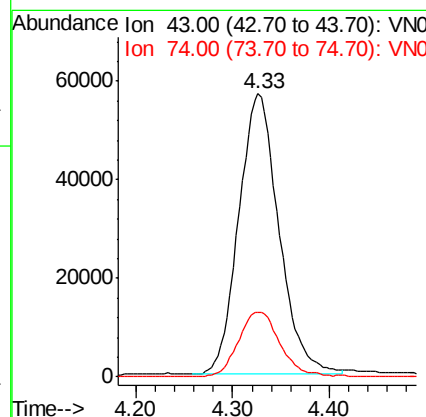
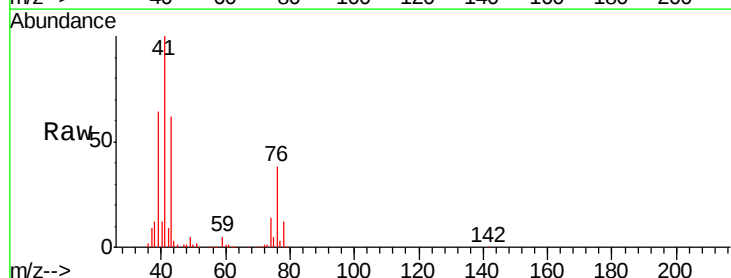
Manual Integrations
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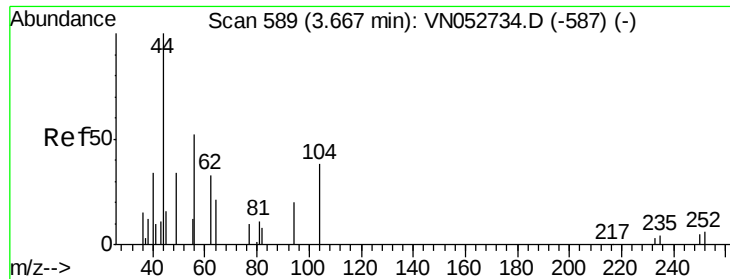
MMDadoda
12/10/2018 12:51:28 PM



#12
Methyl Acetate
Concen: 21.925 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.9	28.3





#13

Acrolein

Concen: 25.620 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 22550

Ion Ratio Lower Upper

56 100

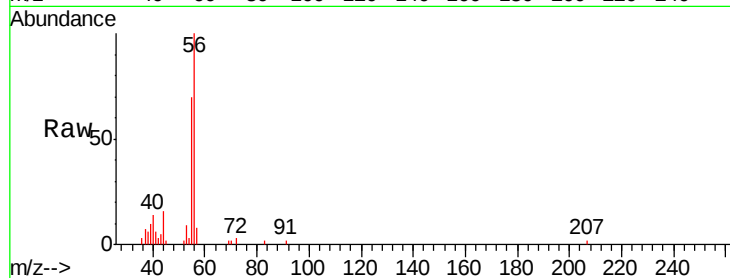
55 76.4 56.7 85.1

Manual Integrations

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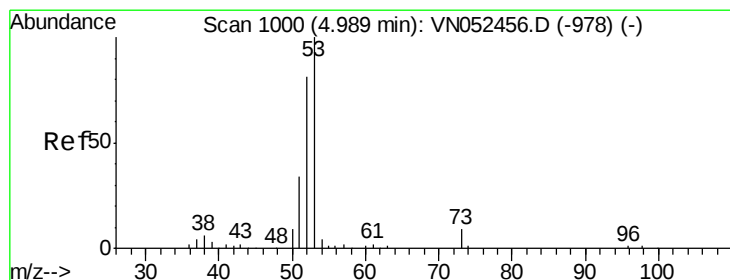
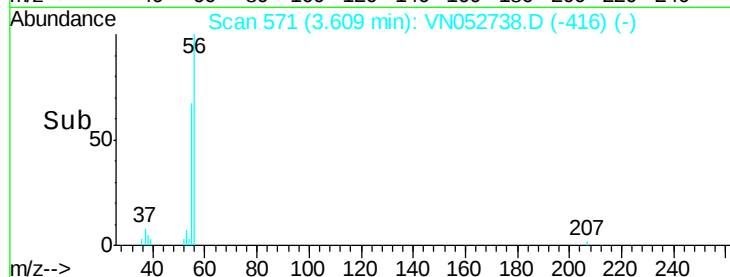
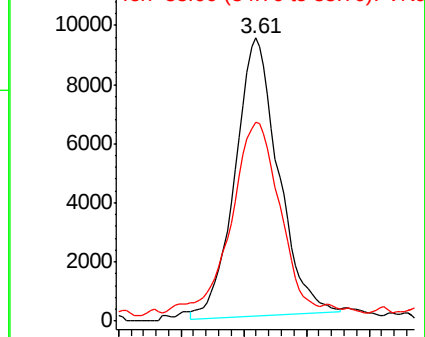
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 105.551 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

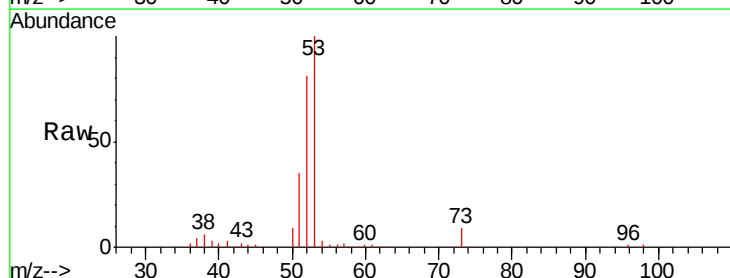
Tgt Ion: 53 Resp: 336979

Ion Ratio Lower Upper

53 100

52 82.4 39.9 119.7

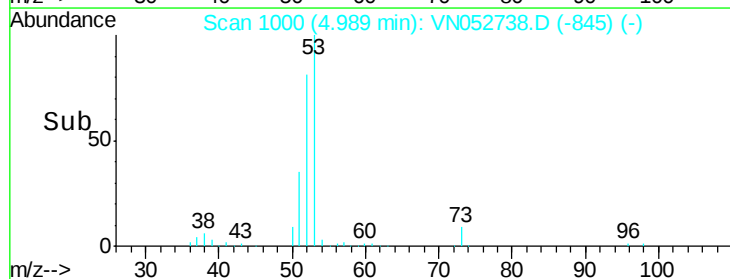
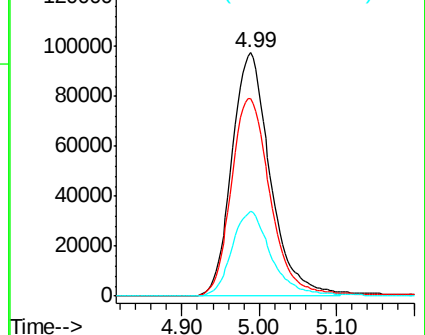
51 35.3 17.6 52.9

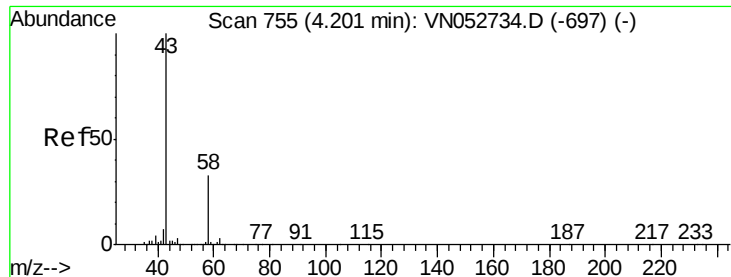


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





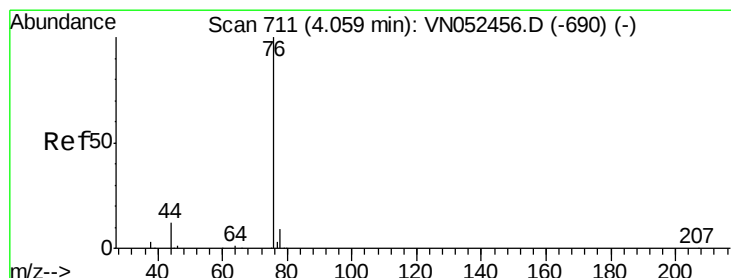
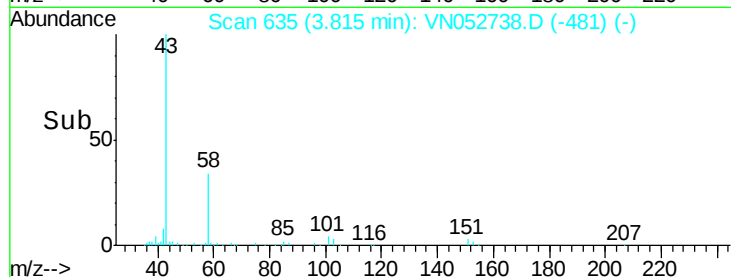
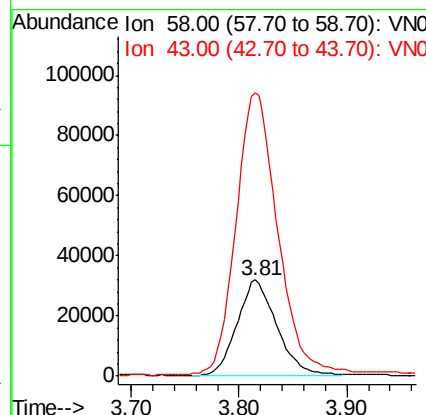
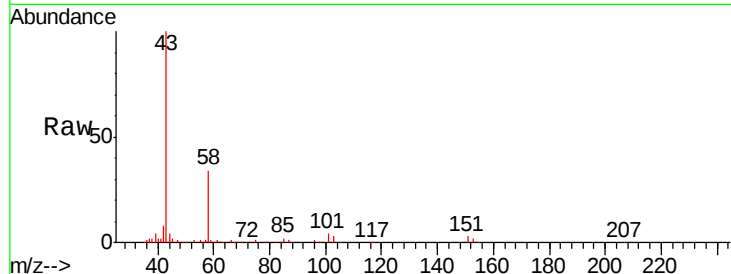
#15
Acetone
Concen: 98.626 ug/l
RT: 3.81 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 81545
Ion Ratio Lower Upper
58 100
43 293.7 243.6 365.4

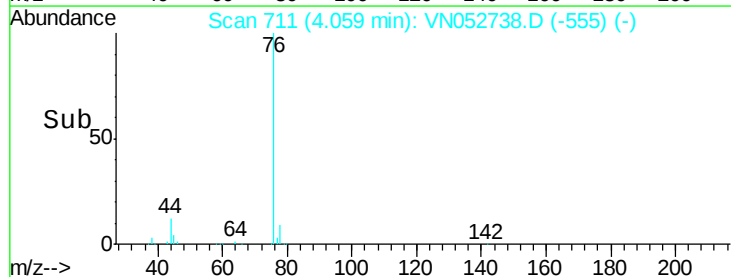
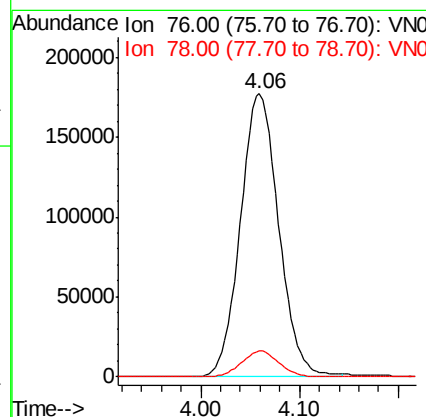
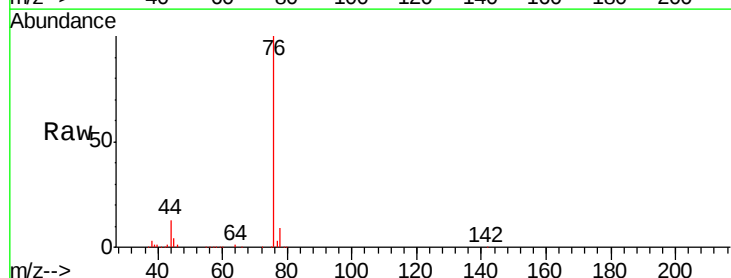
Manual Integrations
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#16
Carbon Disulfide
Concen: 17.080 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion: 76 Resp: 476875
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17

Allyl chloride

Concen: 18.568 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

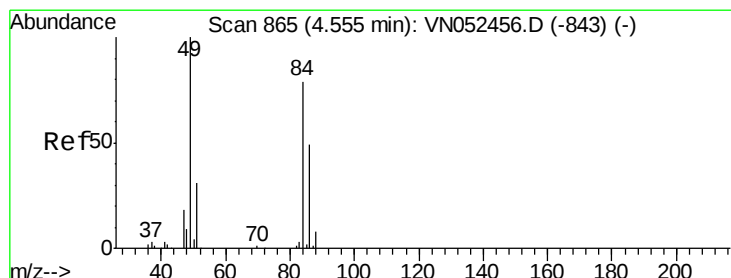
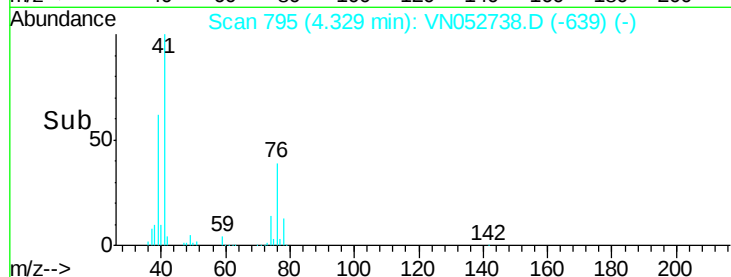
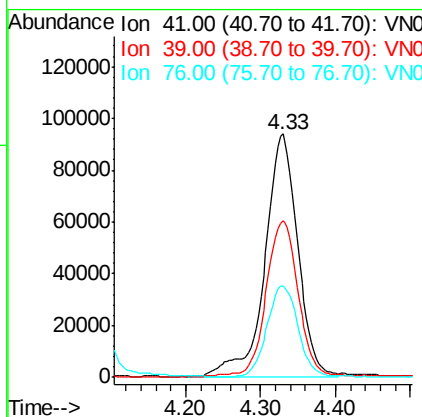
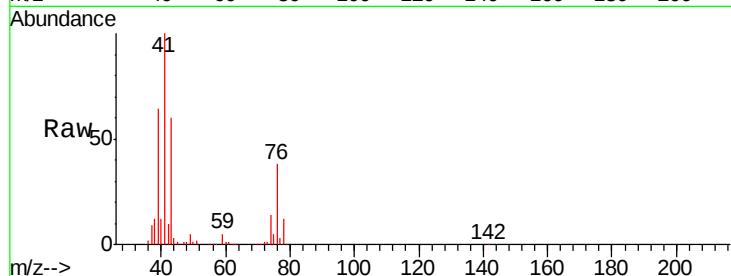
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	41	Resp:	285565
Ion Ratio	Lower	Upper	
41	100		
39	63.9	32.8	98.3
76	37.3	18.6	55.8

Manual Integrations
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#18

Methylene Chloride

Concen: 19.655 ug/l

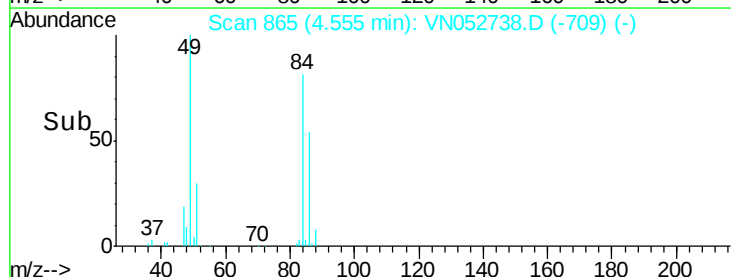
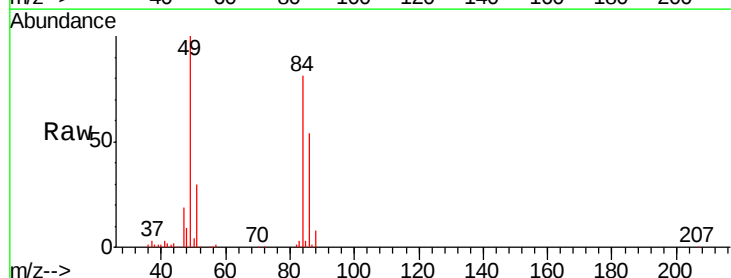
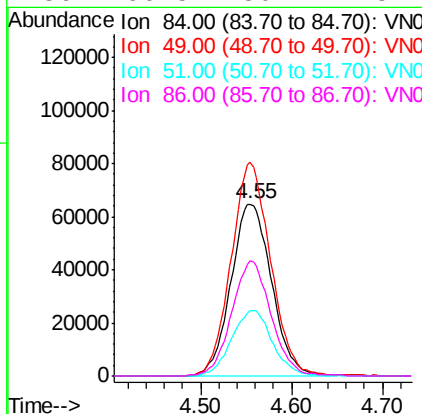
RT: 4.55 min Scan# 865

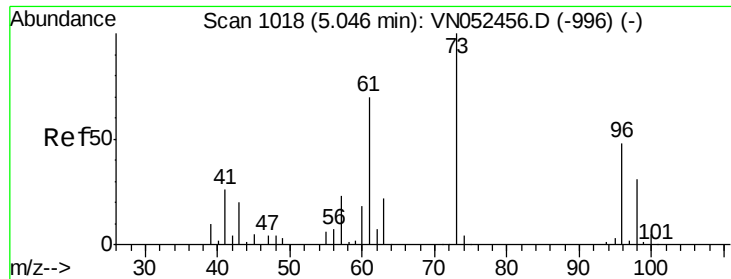
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	84	Resp:	200694
Ion Ratio	Lower	Upper	
84	100		
49	123.8	101.4	152.0
51	37.7	31.7	47.5
86	66.5	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 18.937 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 179718

Ion Ratio Lower Upper

96 100

61 136.5 118.2 177.4

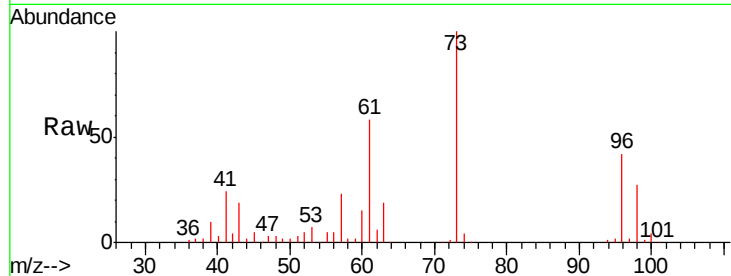
98 63.9 51.4 77.2

Manual Integrations

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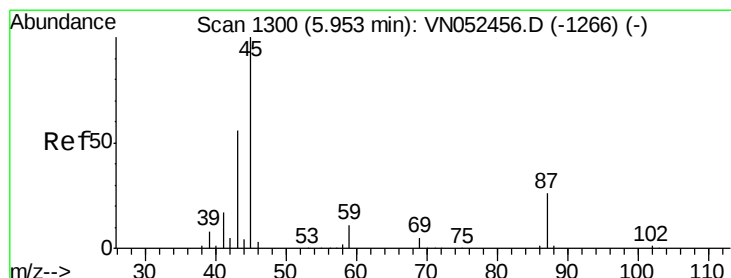
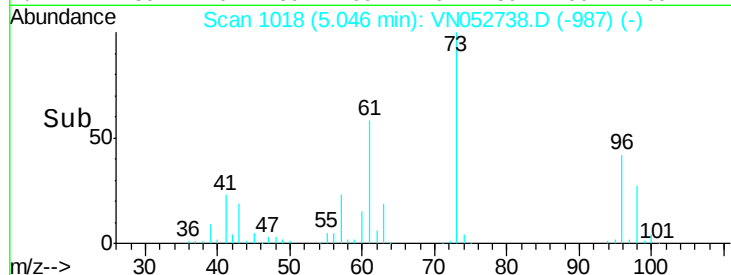
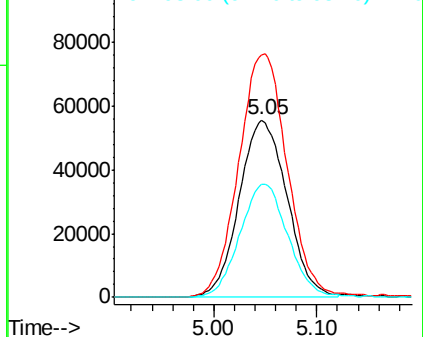


Abundance

Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#20

Diisopropyl ether

Concen: 19.269 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion: 45 Resp: 622772

Ion Ratio Lower Upper

45 100

43 56.0 47.8 71.8

87 26.8 21.3 31.9

59 11.7 8.9 13.3

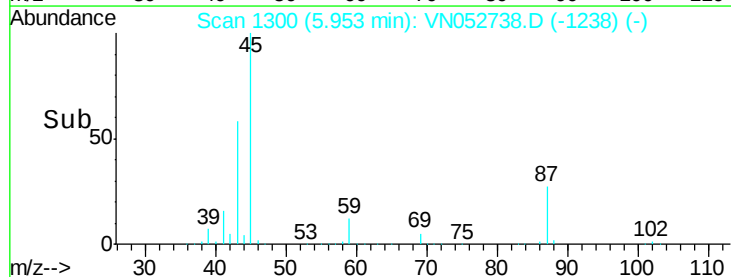
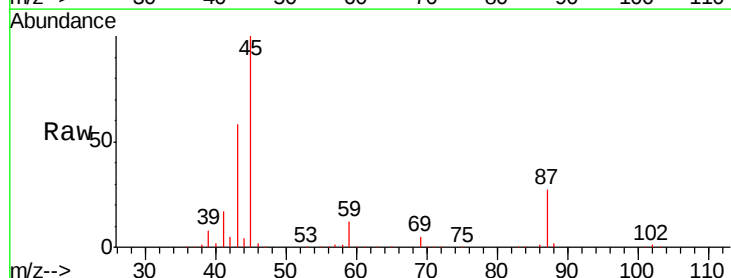
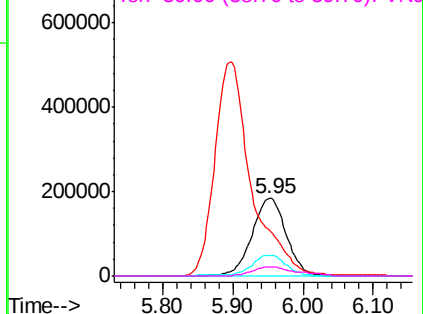
Abundance

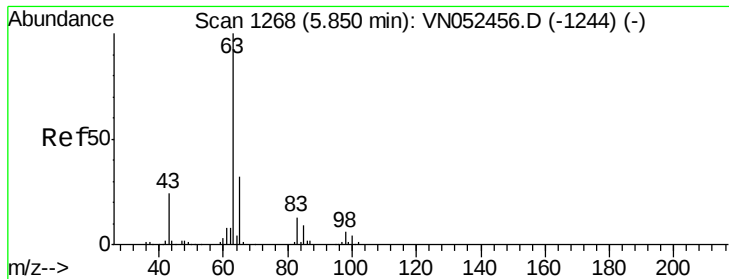
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#21

1,1-Dichloroethane

Concen: 19.082 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

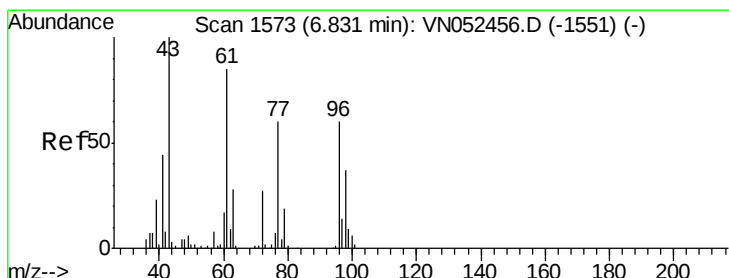
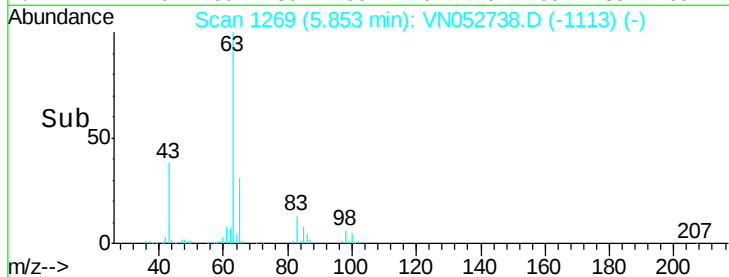
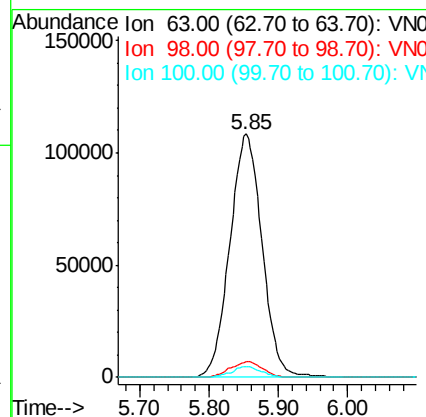
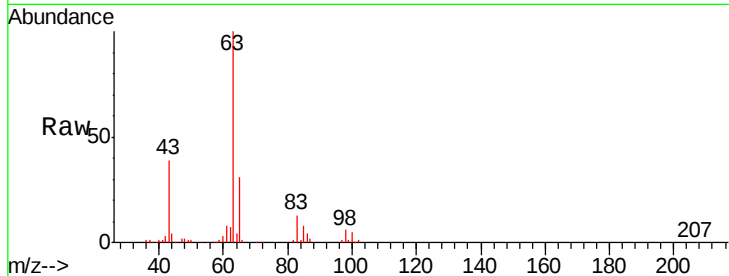
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	63	Resp:	351494
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.0	9.2
100	4.5	1.8	5.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.345 ug/l

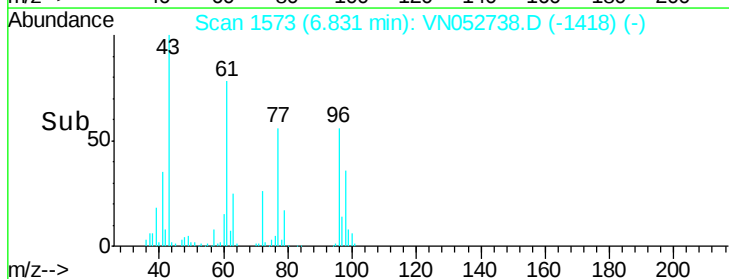
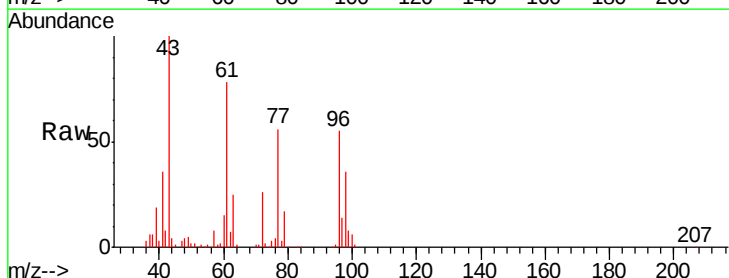
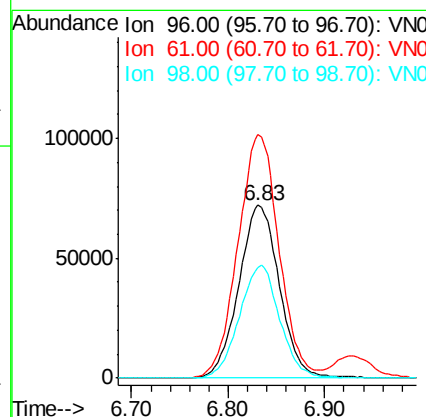
RT: 6.83 min Scan# 1573

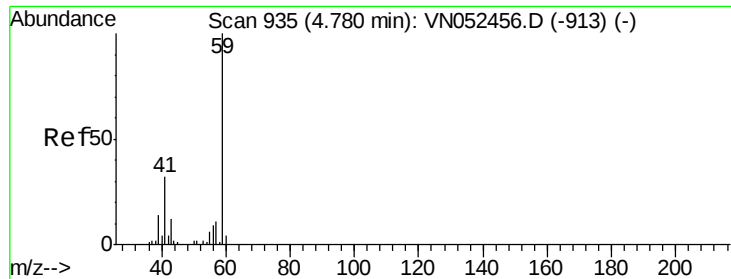
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	96	Resp:	210406
Ion Ratio	Lower	Upper	
96	100		
61	142.2	116.7	175.1
98	64.8	50.8	76.2





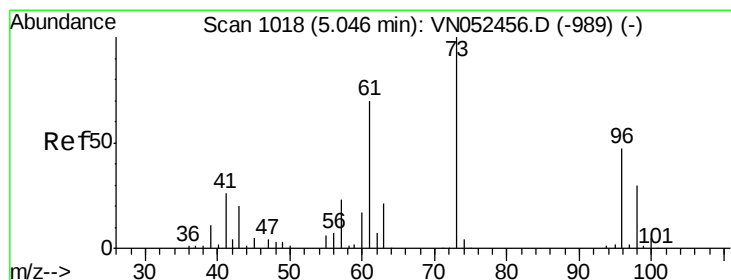
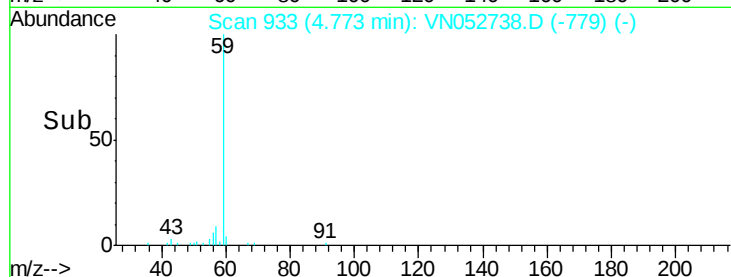
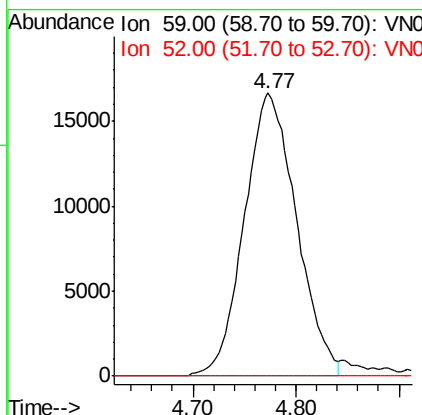
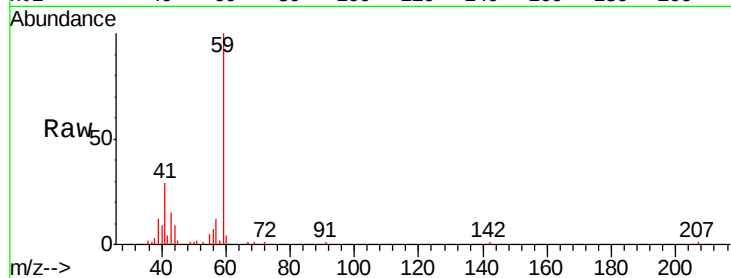
#23
tert-Butyl Alcohol
Concen: 123.288 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 58553
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

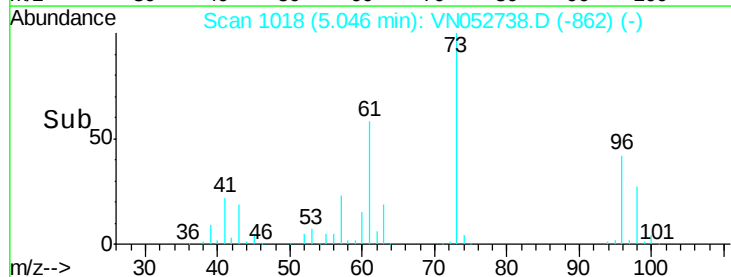
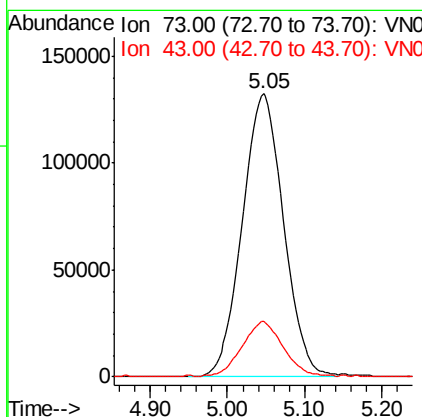
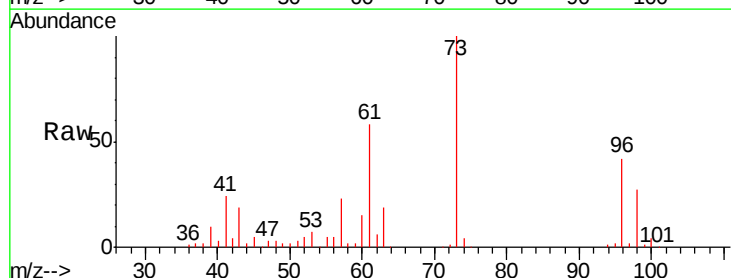
Manual Integrations
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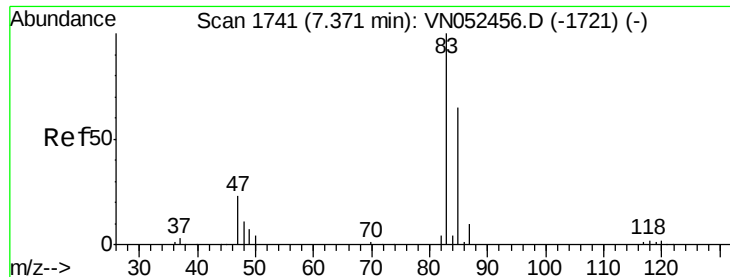
MMDadoda
12/10/2018 12:51:28 PM



#24
Methyl tert-Butyl Ether
Concen: 21.303 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion: 73 Resp: 492827
Ion Ratio Lower Upper
73 100
43 18.6 15.8 23.8





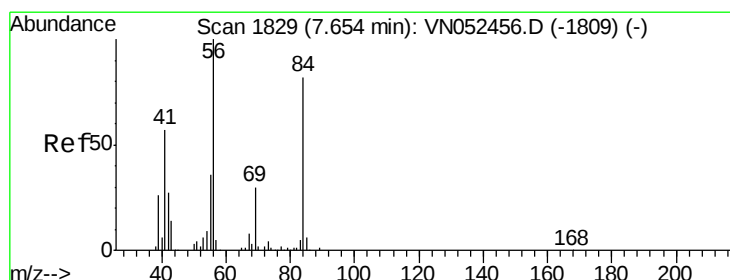
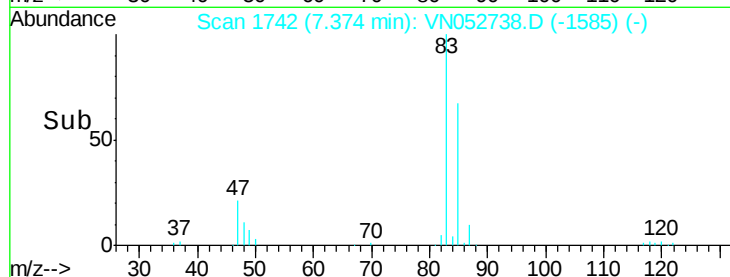
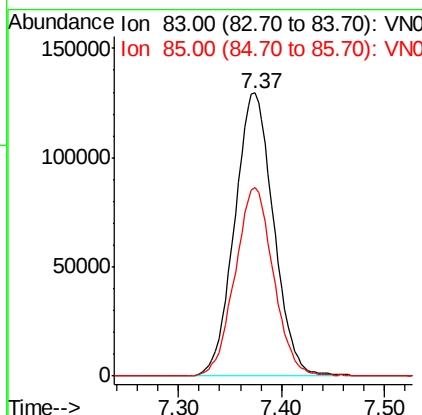
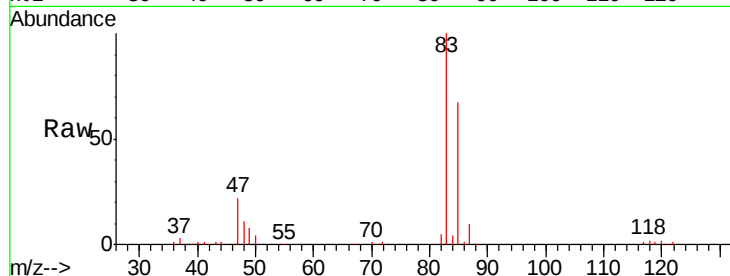
#25
Chloroform
Concen: 19.129 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 339939
Ion Ratio Lower Upper
83 100
85 66.6 51.7 77.5

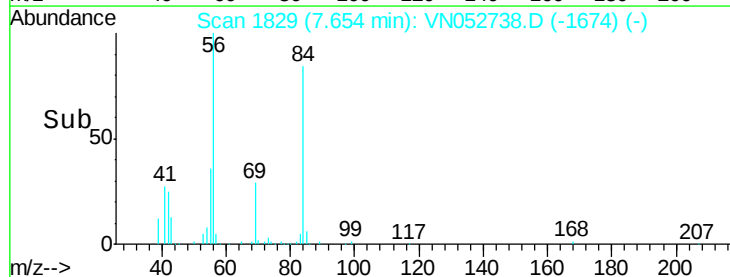
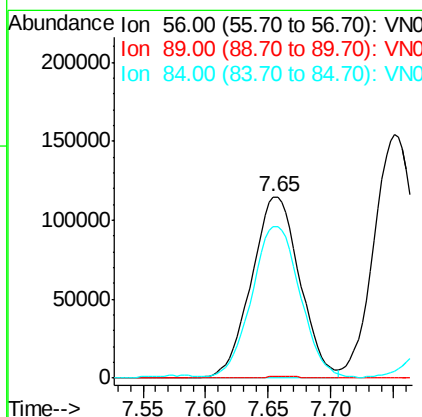
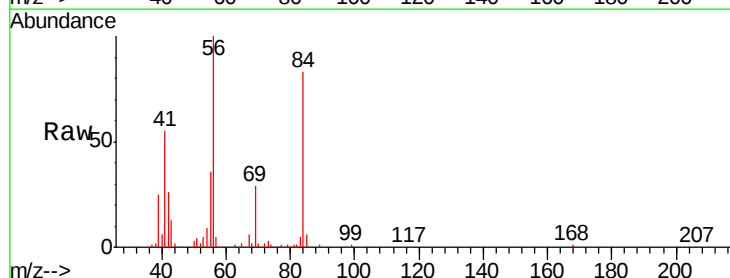
Manual Integrations
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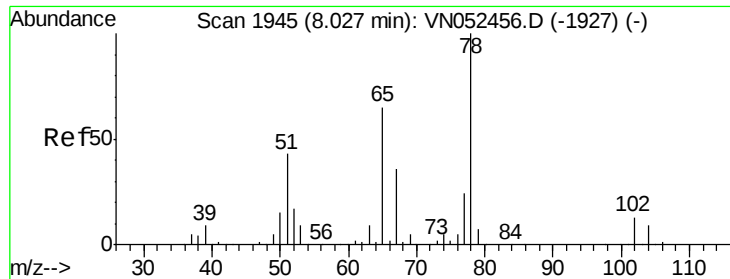
MMDadoda
12/10/2018 12:51:28 PM



#26
Cyclohexane
Concen: 17.730 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion: 56 Resp: 308041
Ion Ratio Lower Upper
56 100
89 0.1 0.5 0.7#
84 83.0 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 17.730 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 314773

Ion Ratio Lower Upper

65 100

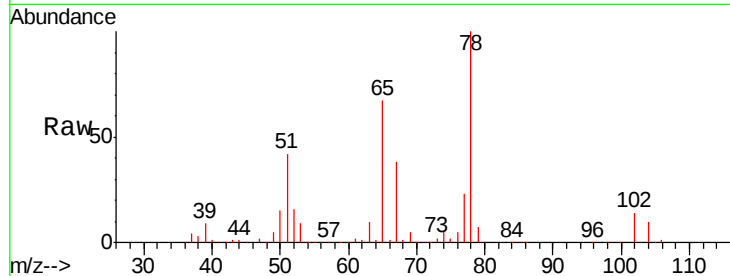
67 55.5 44.6 66.8

Manual Integrations

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Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.03

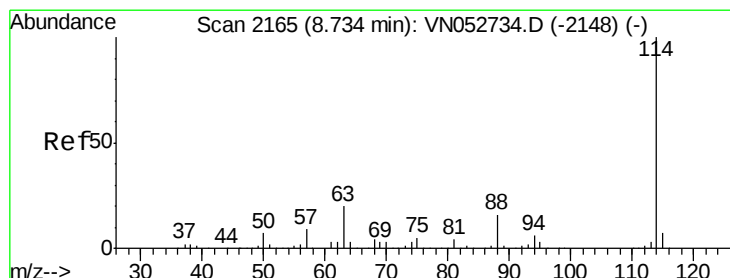
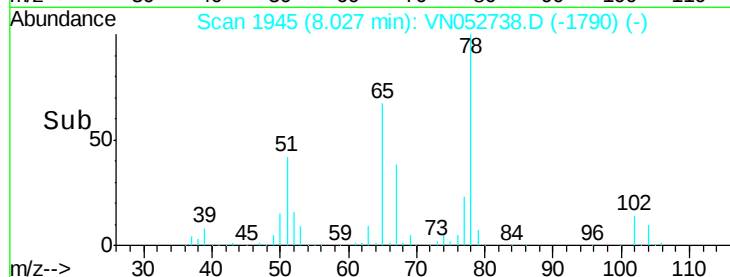
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

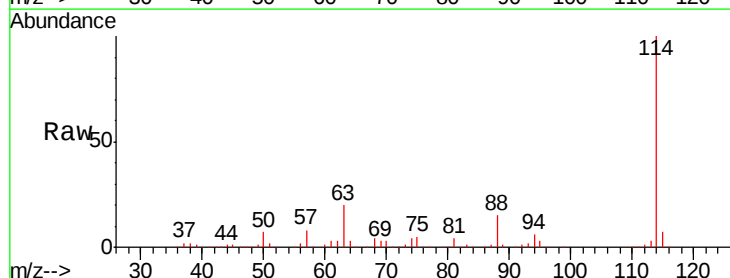
Tgt Ion: 114 Resp: 905072

Ion Ratio Lower Upper

114 100

63 19.9 16.9 25.3

88 15.2 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

8.59

600000

500000

400000

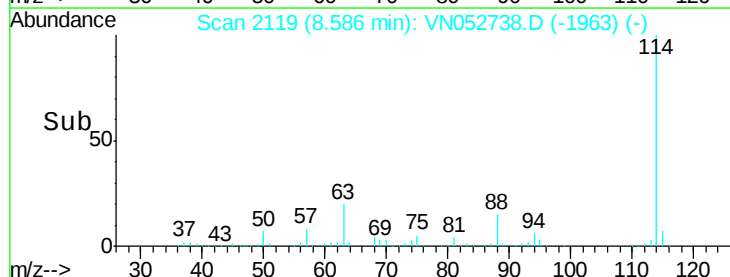
300000

200000

100000

0

Time-->





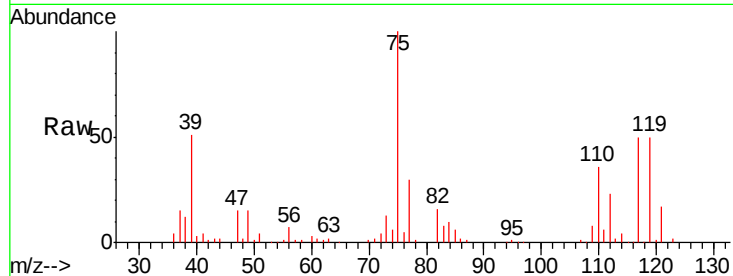
#29
 1,1-Dichloropropene
 Concen: 18.745 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

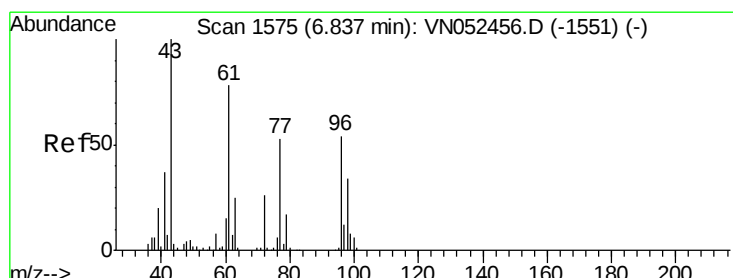
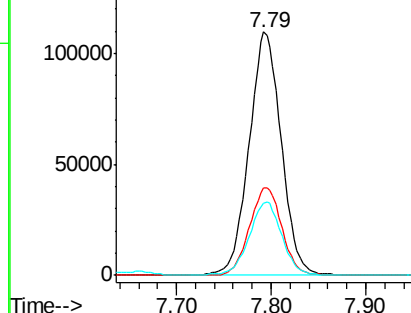
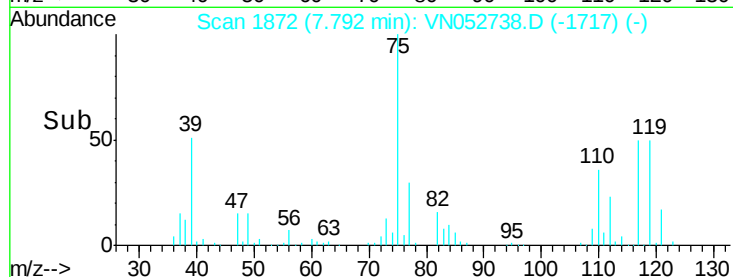
Tgt Ion	Ratio	Resp Lower	Upper
75	100		
110	36.1	0.0	70.2
77	30.8	0.0	62.6

Manual Integrations
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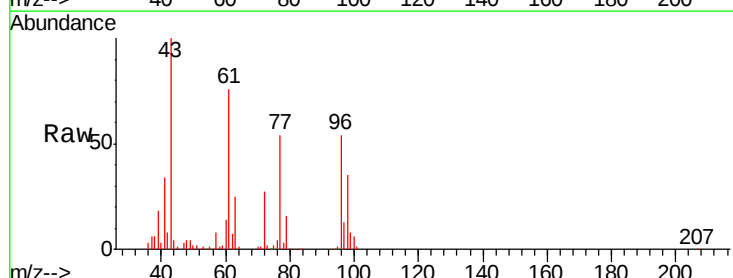


Abundance Ion 75.00 (74.70 to 75.70): VN052738.D (-1717) (-)
 Ion 110.00 (109.70 to 110.70): VN052738.D (-1717) (-)
 Ion 77.00 (76.70 to 77.70): VN052738.D (-1717) (-)

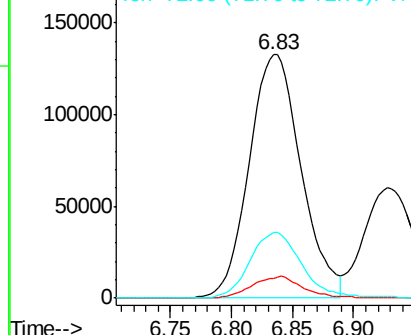
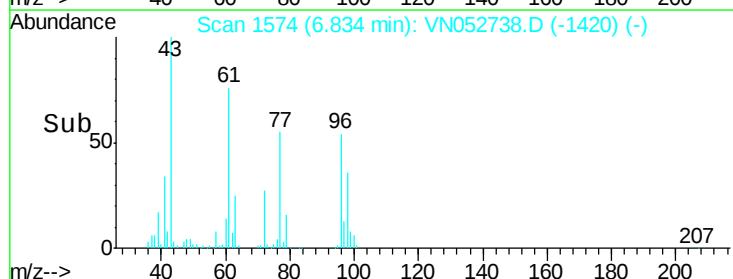


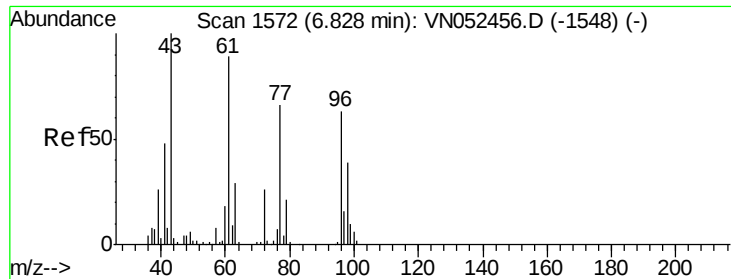
#30
 2-Butanone
 Concen: 104.975 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.4
72	27.1	21.0	31.6



Abundance Ion 43.00 (42.70 to 43.70): VN052738.D (-1420) (-)
 Ion 57.00 (56.70 to 57.70): VN052738.D (-1420) (-)
 Ion 72.00 (71.70 to 72.70): VN052738.D (-1420) (-)





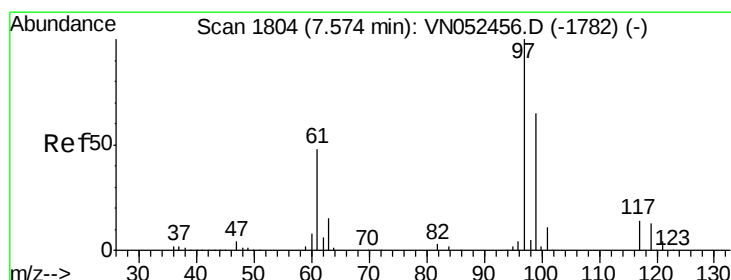
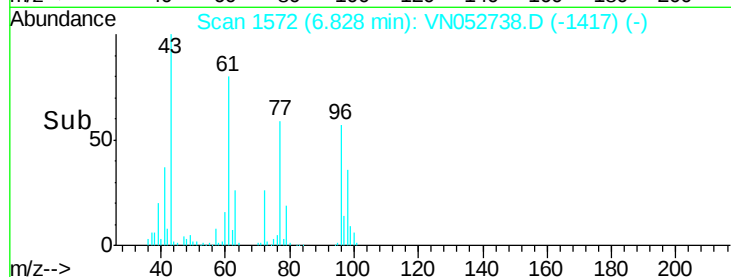
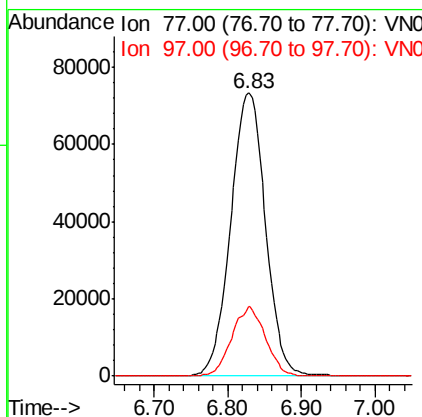
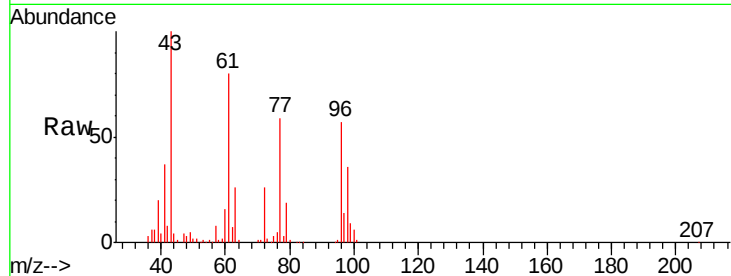
#31
 2,2-Dichloropropane
 Concen: 18.766 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 77 Resp: 238783
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.7 28.1

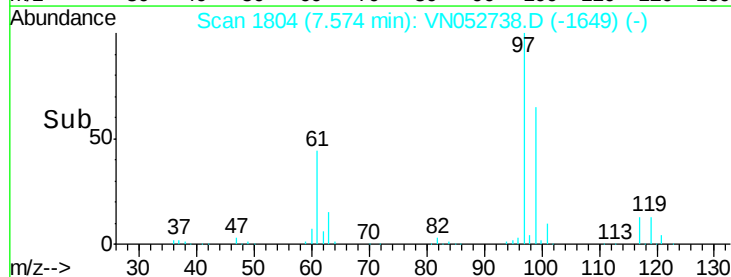
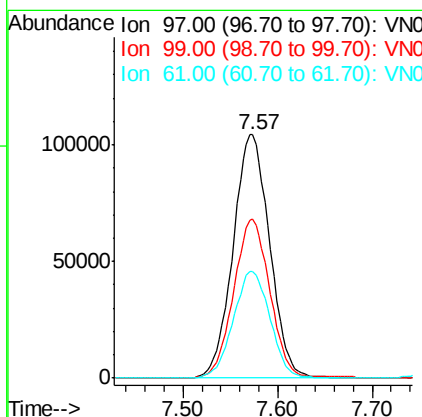
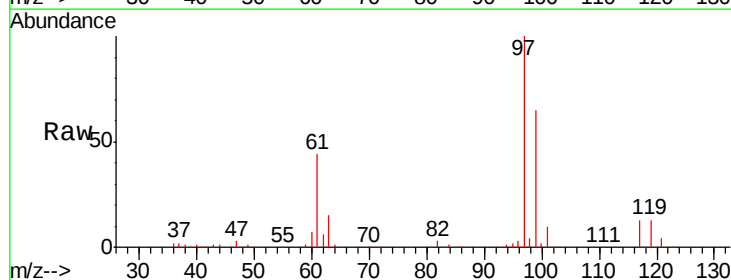
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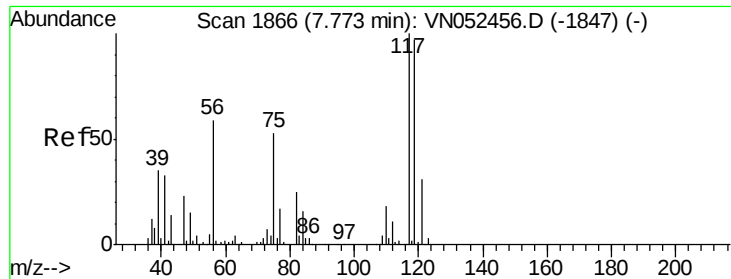
MMDadoda
 12/10/2018 12:51:28 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.511 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion: 97 Resp: 280602
 Ion Ratio Lower Upper
 97 100
 99 64.4 50.9 76.3
 61 44.0 38.1 57.1





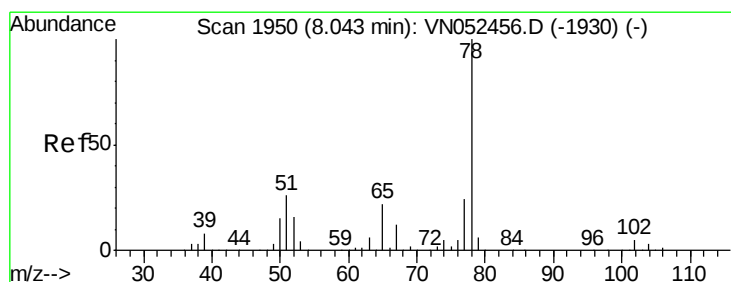
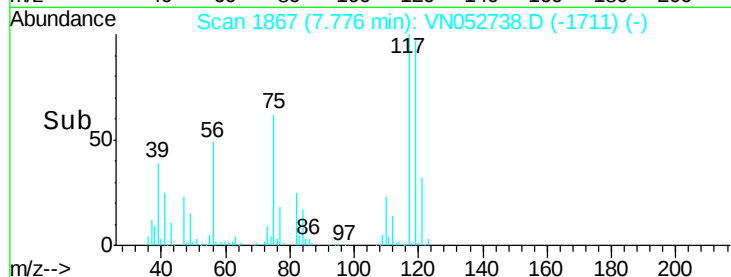
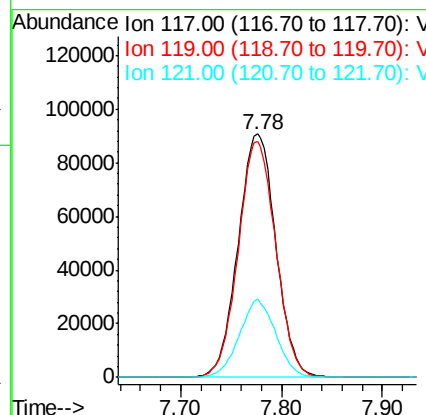
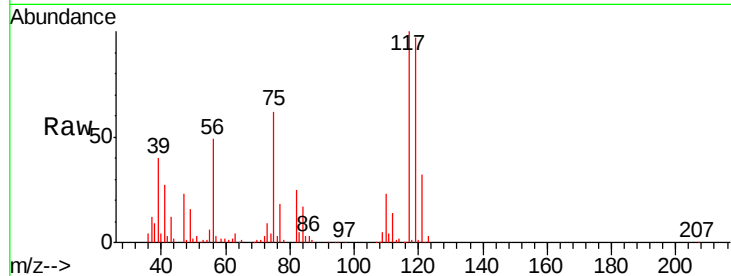
#33
Carbon Tetrachloride
Concen: 18.673 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.3	115.9
121	32.0	24.9	37.3

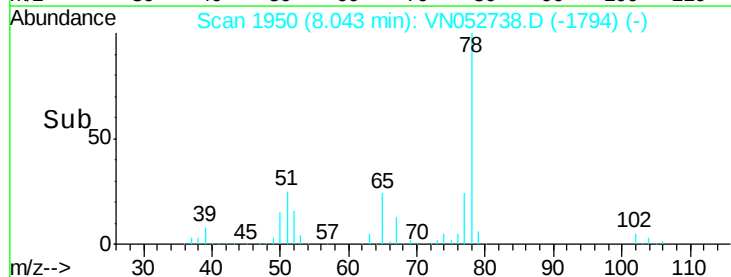
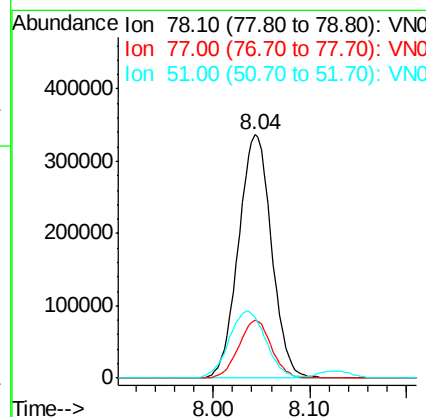
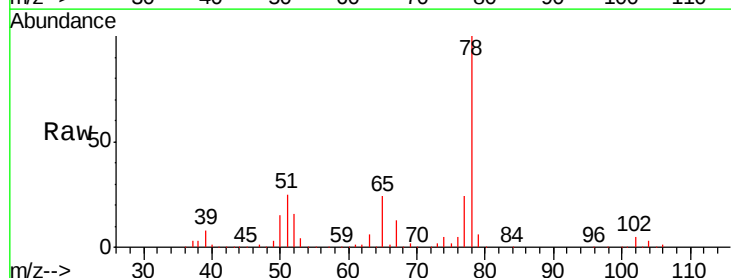
Manual Integrations
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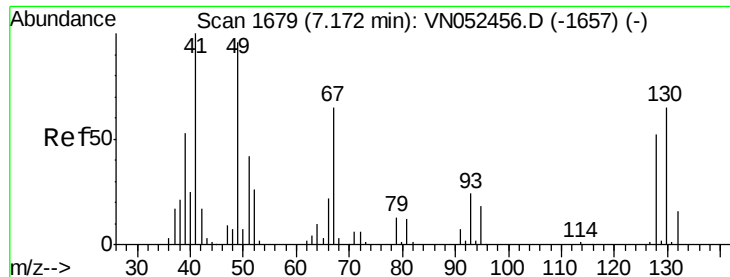
MMDadoda
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#34
Benzene
Concen: 19.252 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6
51	24.9	20.5	30.7





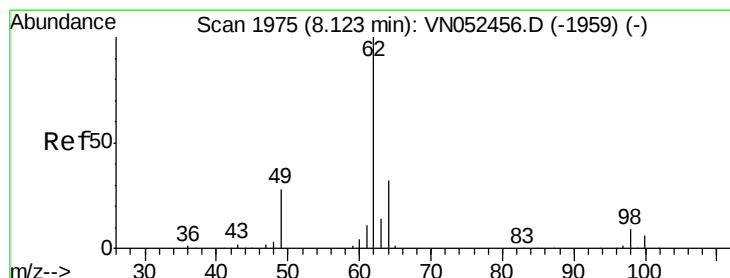
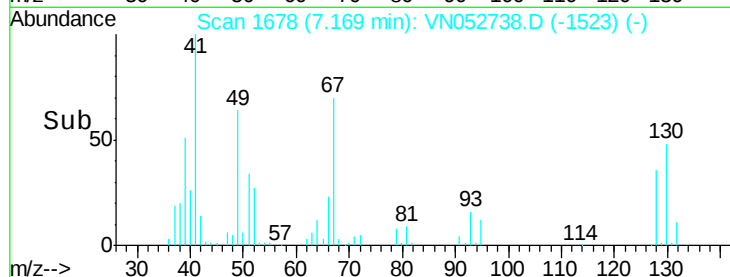
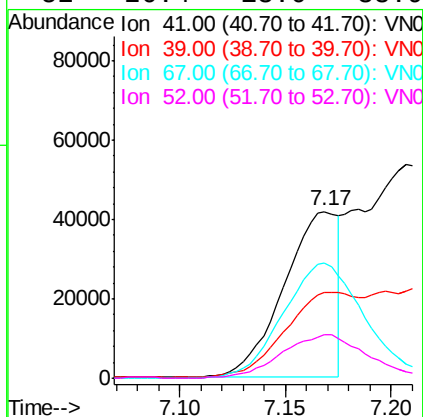
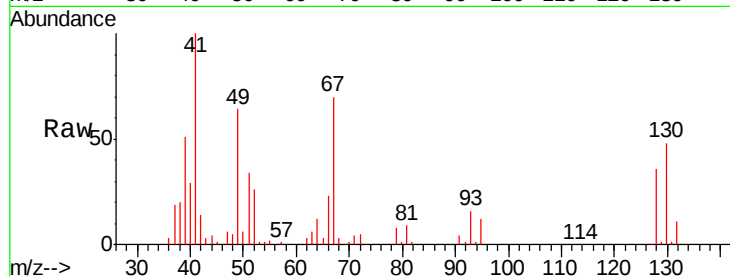
#35
Methacrylonitrile
Concen: 16.295 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.9	26.6	79.7
67	70.0	32.3	96.9
52	26.4	13.0	38.9

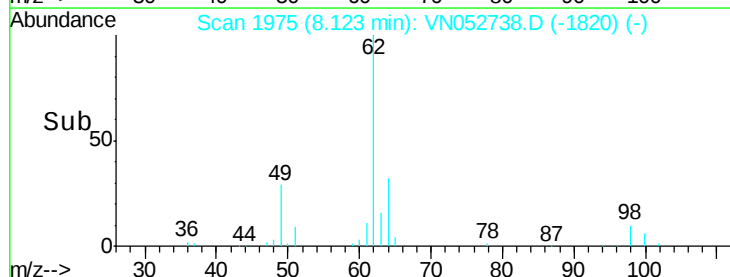
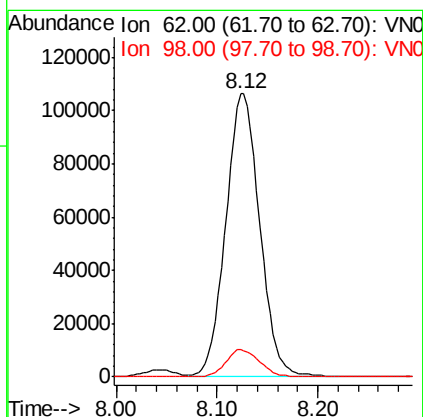
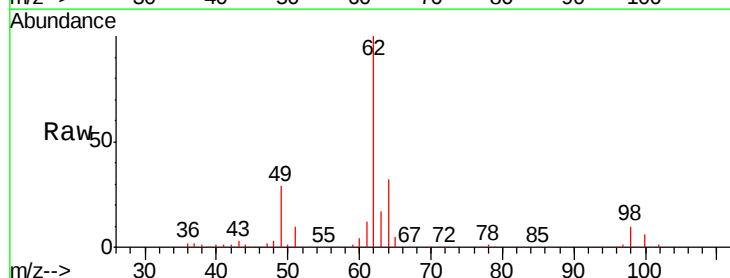
Manual Integrations
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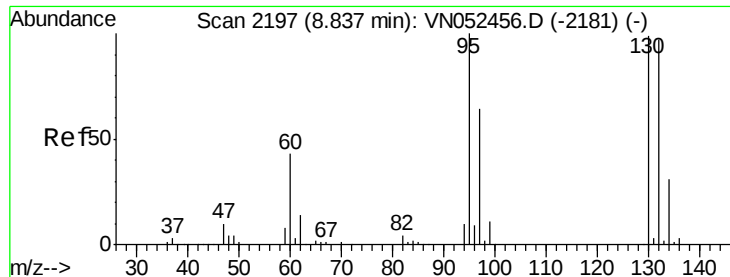
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.725 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.4	11.2





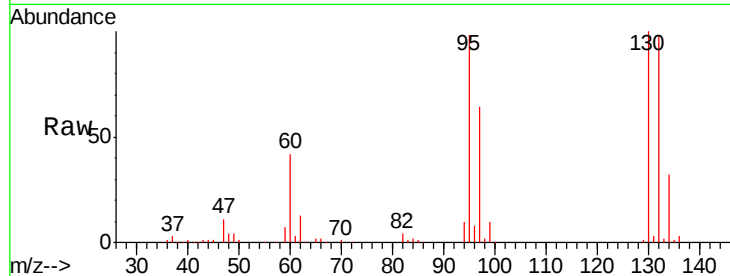
#37
 Trichloroethene
 Concen: 20.309 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

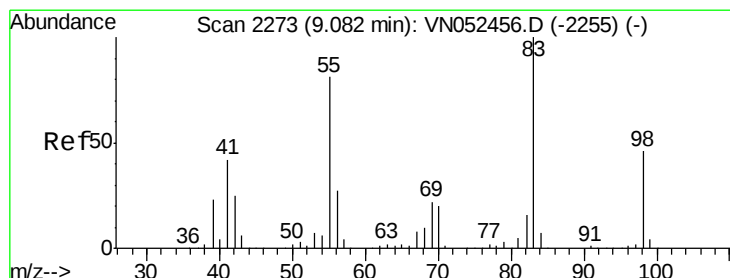
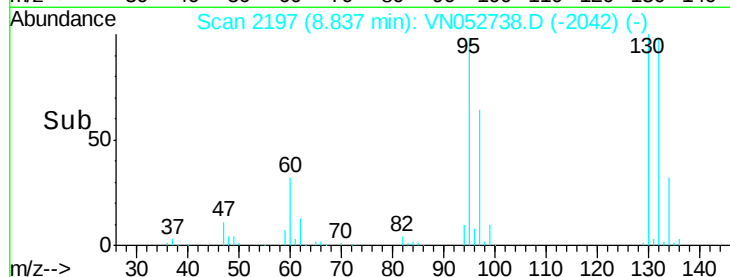
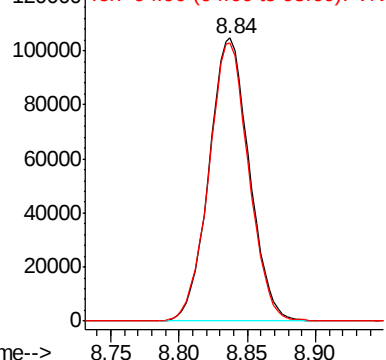
Tgt Ion: 130 Resp: 214006
 Ion Ratio Lower Upper
 130 100
 95 98.5 81.0 121.4

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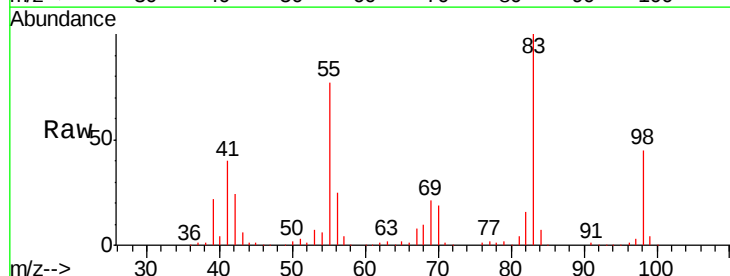


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

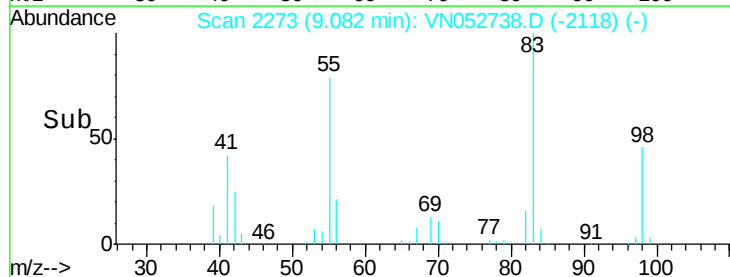
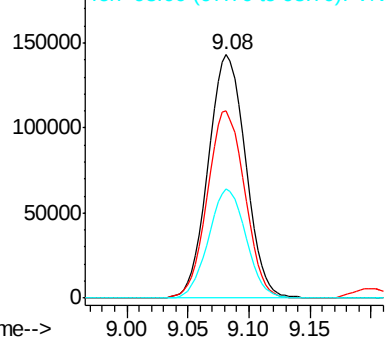


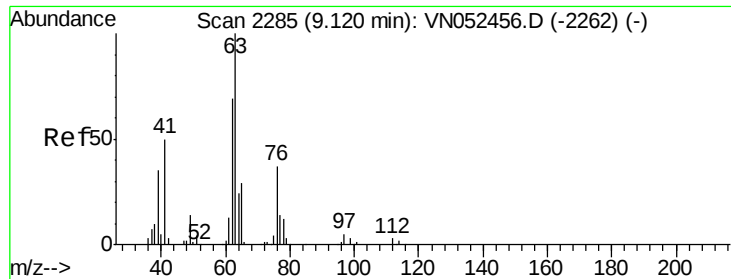
#38
 Methylcyclohexane
 Concen: 17.725 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion: 83 Resp: 303271
 Ion Ratio Lower Upper
 83 100
 55 76.6 39.8 119.4
 98 45.0 22.9 68.5



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





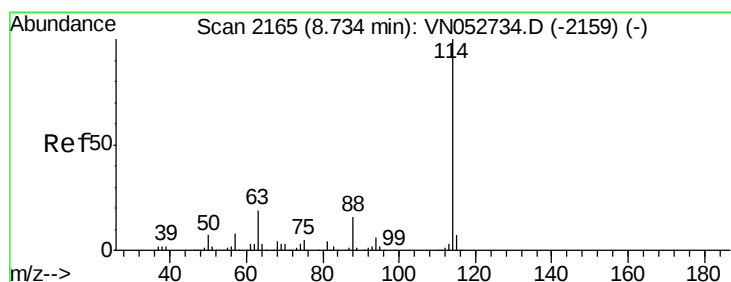
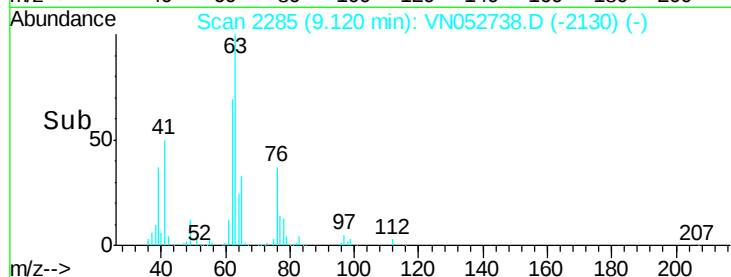
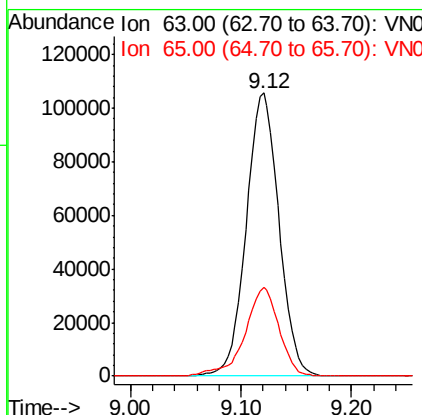
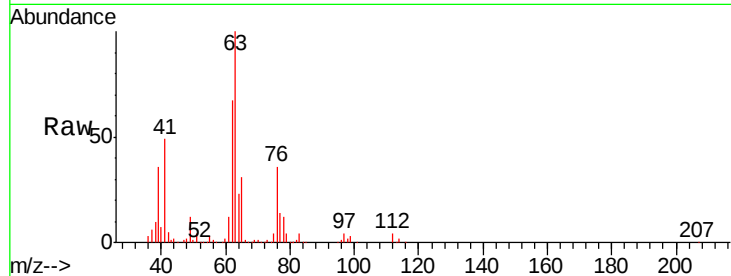
#39
 1,2-Dichloropropane
 Concen: 19.467 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 63 Resp: 216841
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.6 35.4

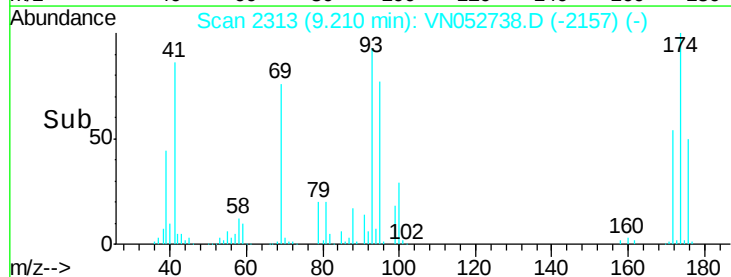
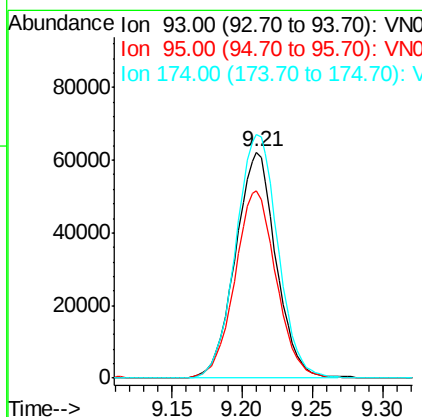
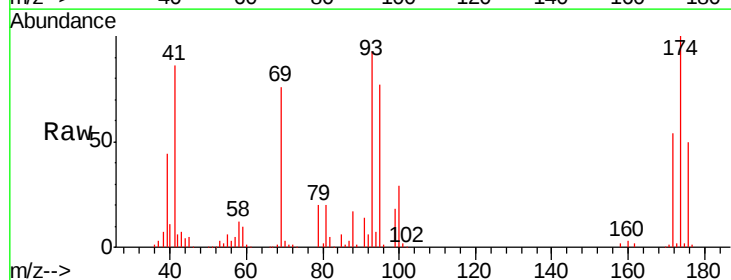
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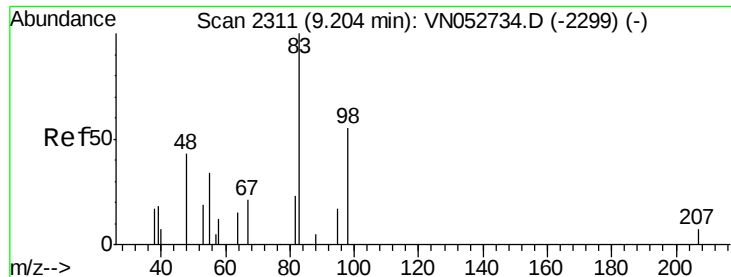
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#40
 Dibromomethane
 Concen: 20.801 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion: 93 Resp: 125211
 Ion Ratio Lower Upper
 93 100
 95 84.3 0.0 168.4
 174 111.7 0.0 210.0





#41

Bromodichloromethane

Concen: 18.894 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

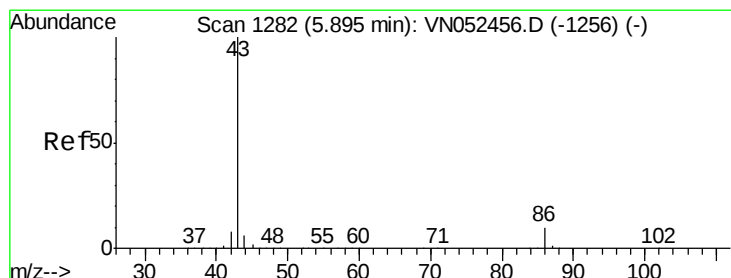
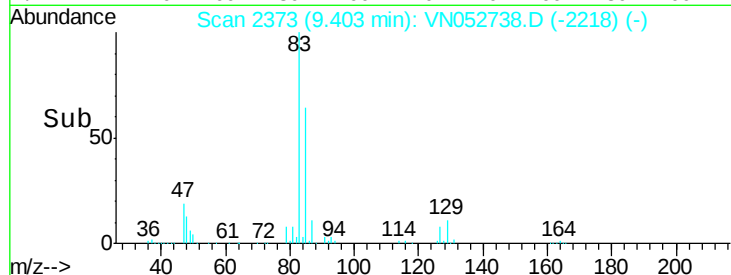
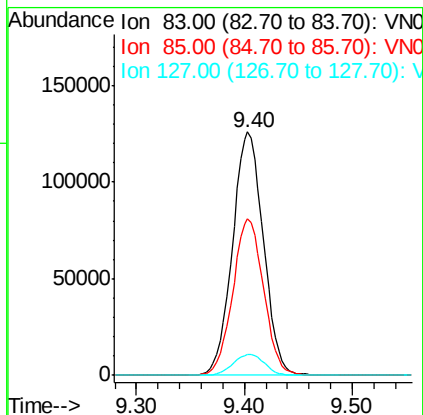
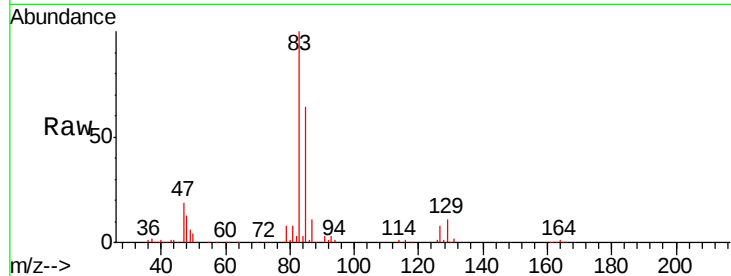
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	83	Resp:	251274
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6
127	8.5	6.6	9.8

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#42

Vinyl Acetate

Concen: 91.907 ug/l

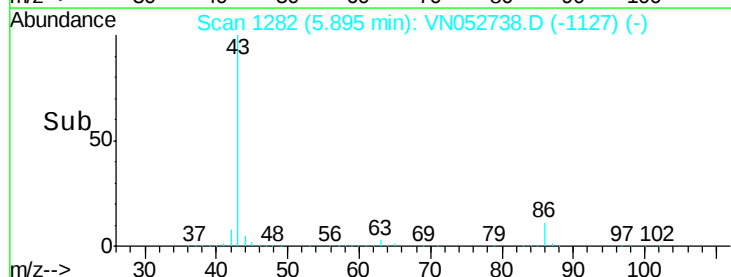
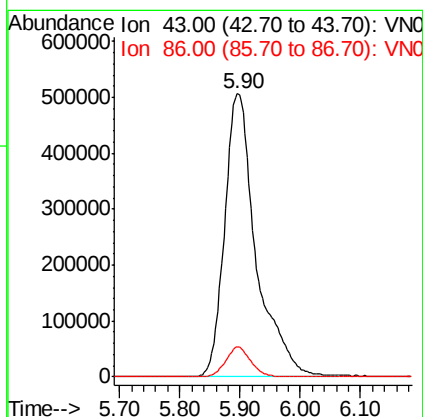
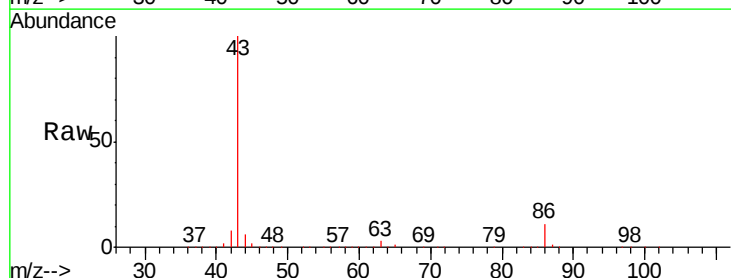
RT: 5.90 min Scan# 1282

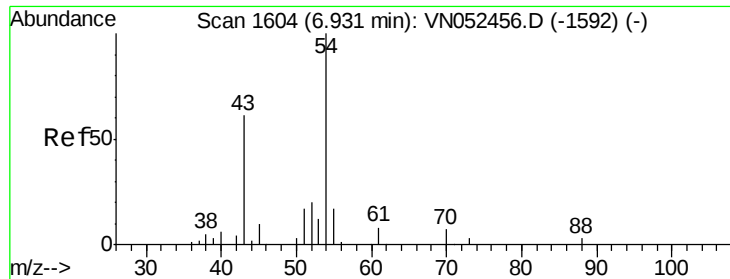
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	43	Resp:	1839104
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.5	9.7





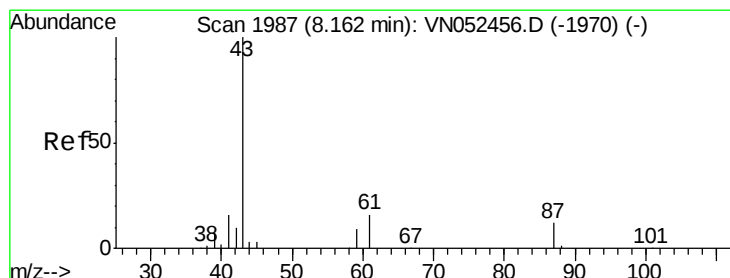
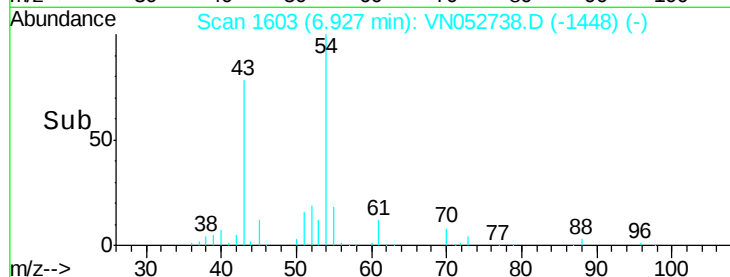
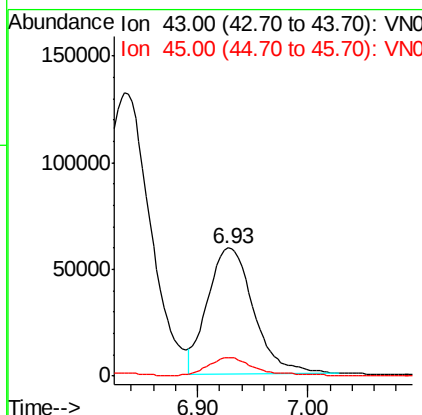
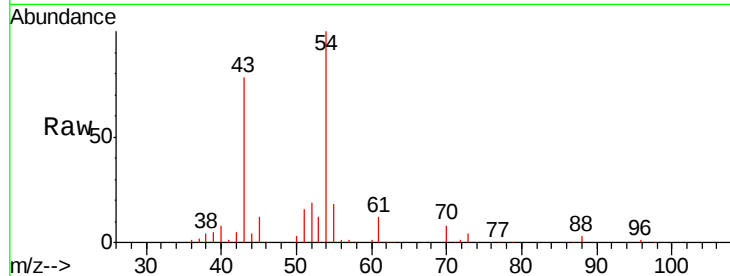
#43
Ethyl Acetate
Concen: 21.779 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 171271
Ion Ratio Lower Upper
43 100
45 14.0 1.0 1.6#

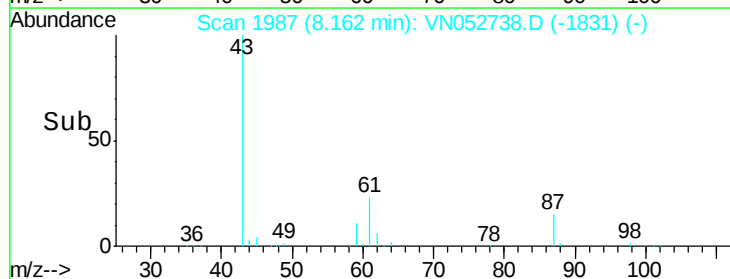
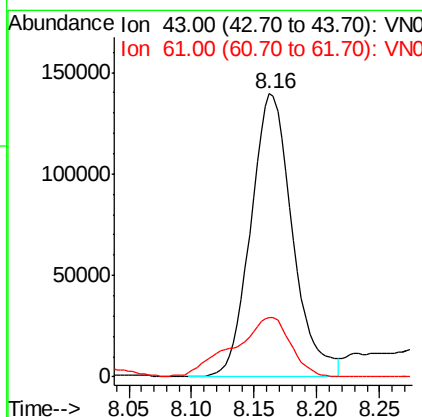
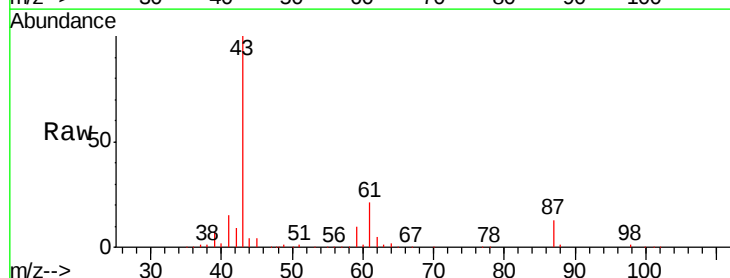
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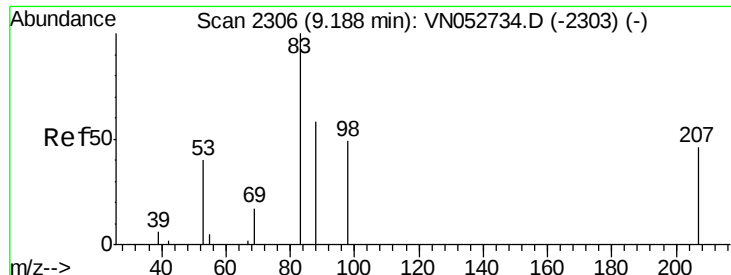
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#44
Isopropyl Acetate
Concen: 23.304 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion: 43 Resp: 321415
Ion Ratio Lower Upper
43 100
61 28.2 16.0 24.0#





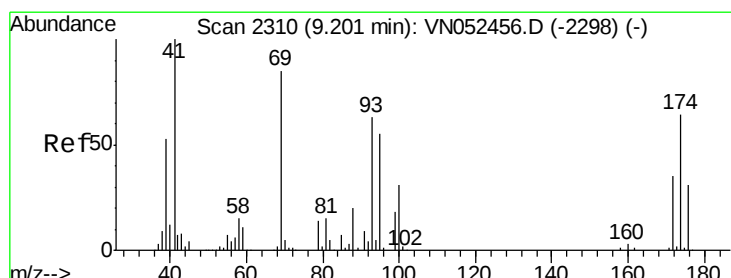
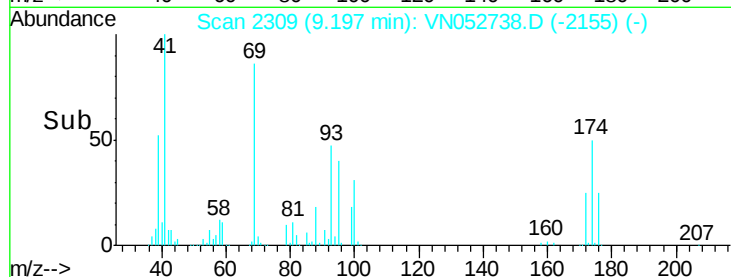
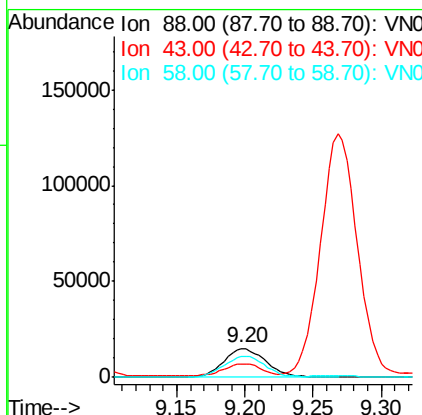
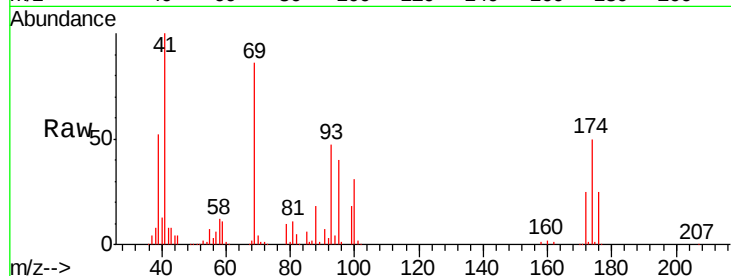
#45
 1,4-Dioxane
 Concen: 434.378 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 88 Resp: 32775
 Ion Ratio Lower Upper
 88 100
 43 34.1 29.5 44.3
 58 72.2 61.5 92.3

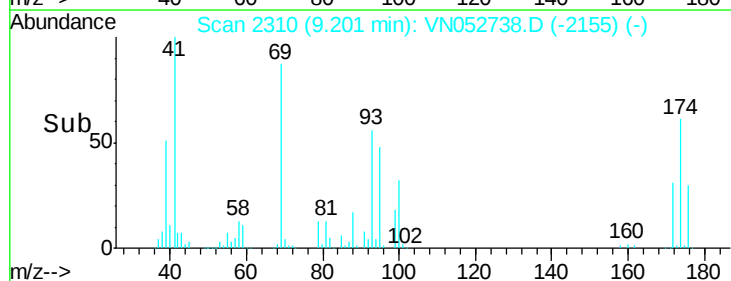
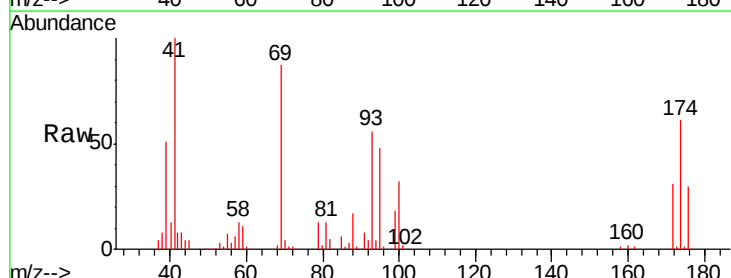
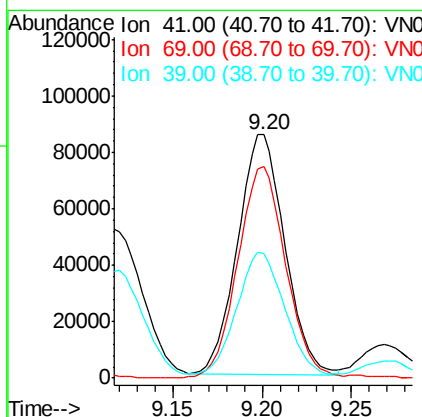
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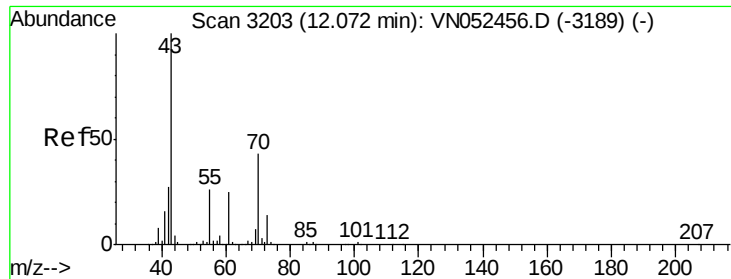
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#46
 Methyl methacrylate
 Concen: 21.881 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion: 41 Resp: 156695
 Ion Ratio Lower Upper
 41 100
 69 88.2 42.5 127.6
 39 50.7 26.3 78.9





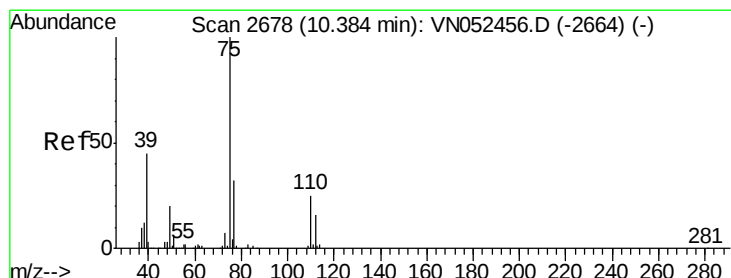
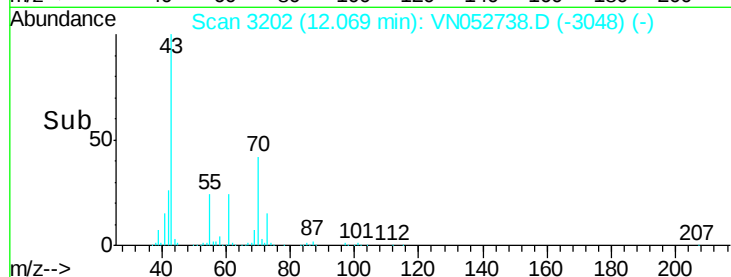
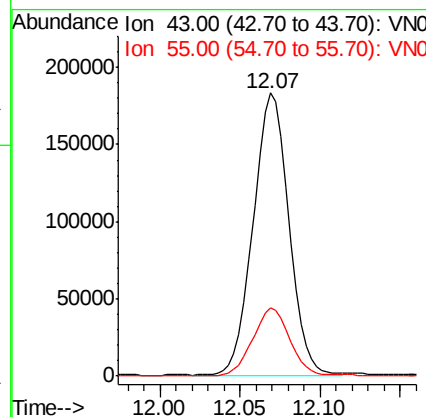
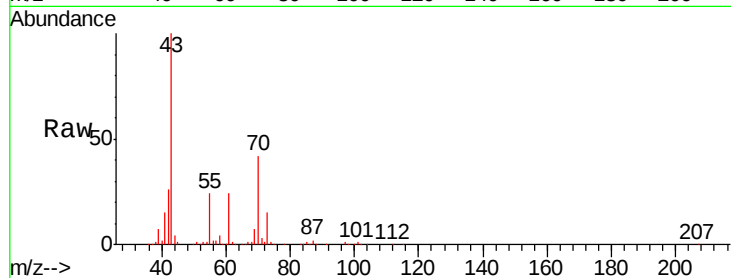
#47
n-amy1 Acetate
Concen: 24.435 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 279429
Ion Ratio Lower Upper
43 100
55 24.8 21.1 31.7

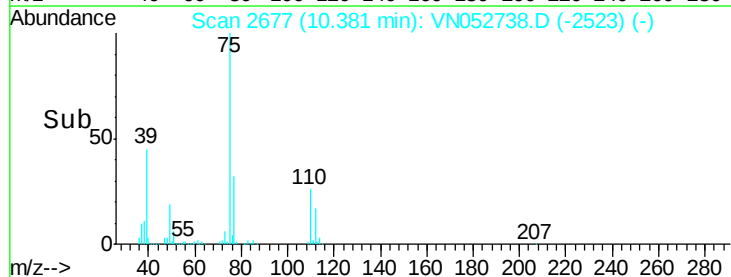
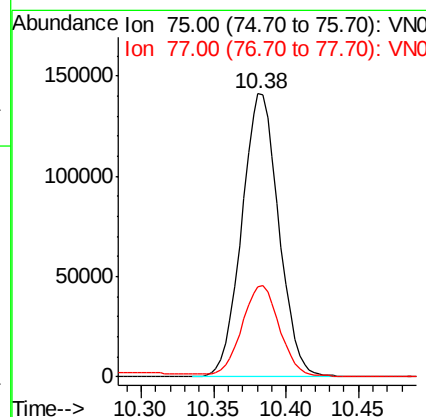
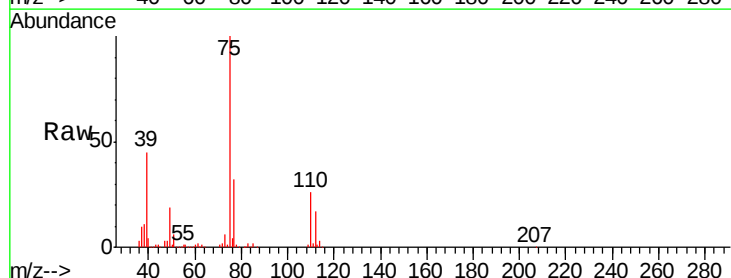
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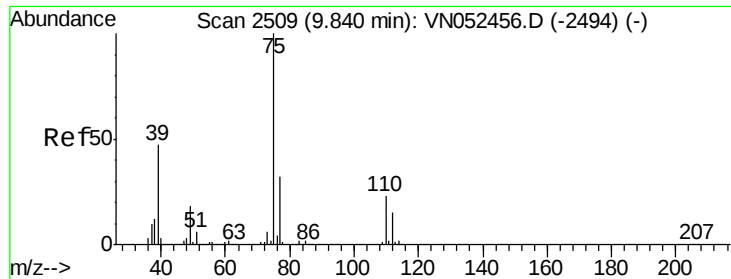
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#48
t-1,3-Dichloropropene
Concen: 19.434 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion: 75 Resp: 250598
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4





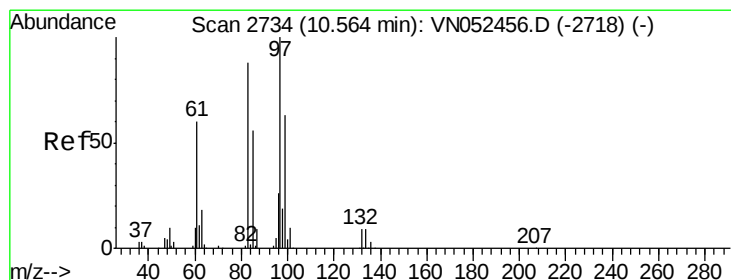
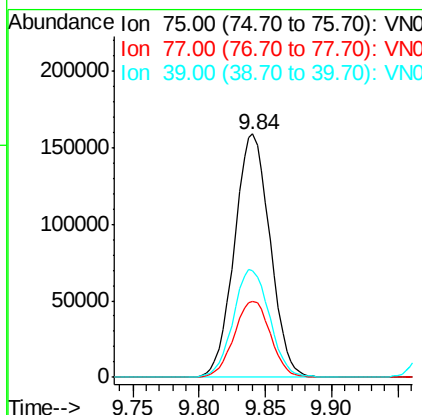
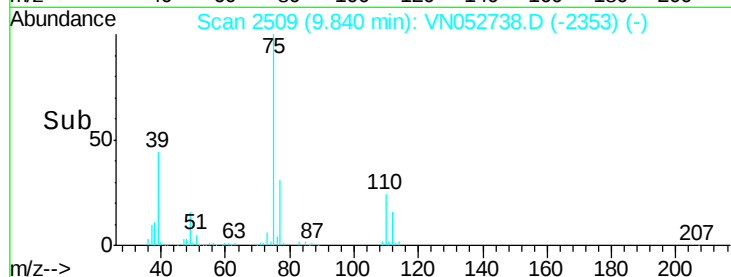
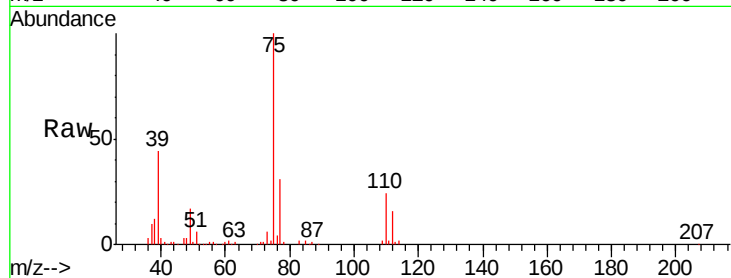
#49
 cis-1,3-Dichloropropene
 Concen: 18.913 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	43.7	37.3	55.9

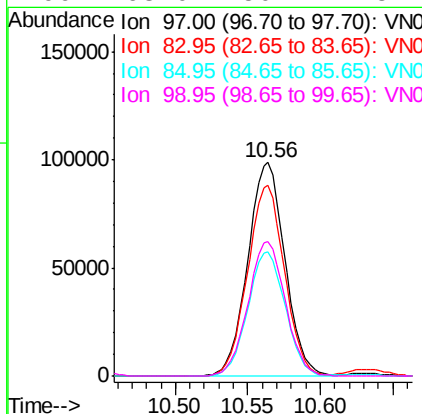
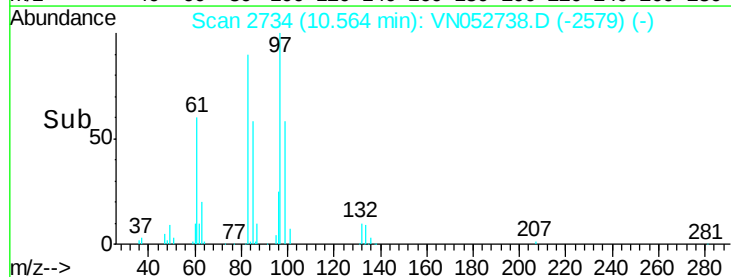
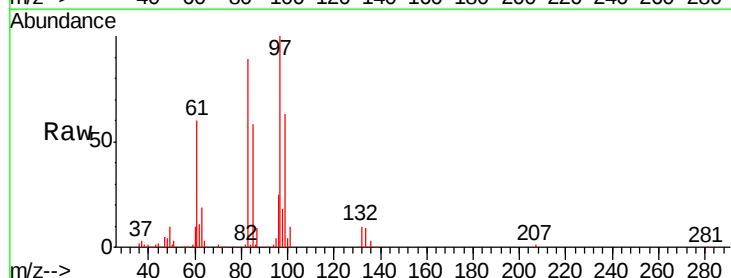
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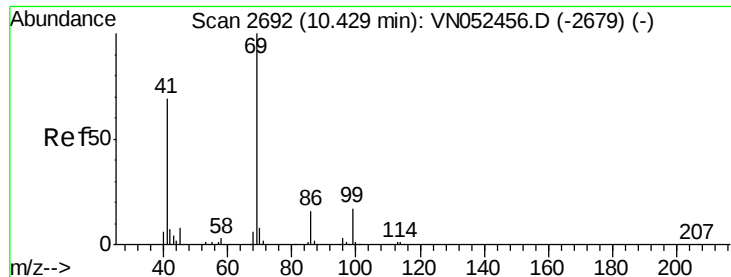
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#50
 1,1,2-Trichloroethane
 Concen: 20.658 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.4	105.6
85	58.0	45.0	67.6
99	63.0	50.2	75.2





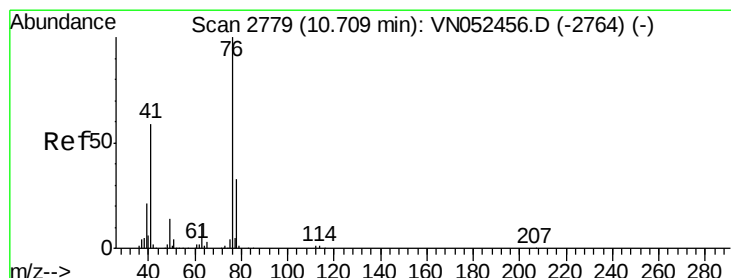
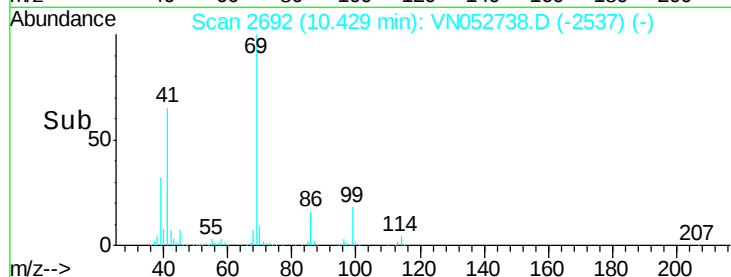
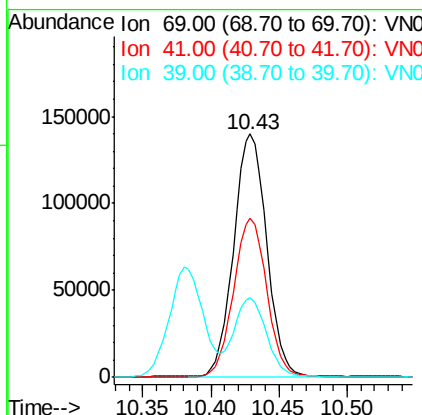
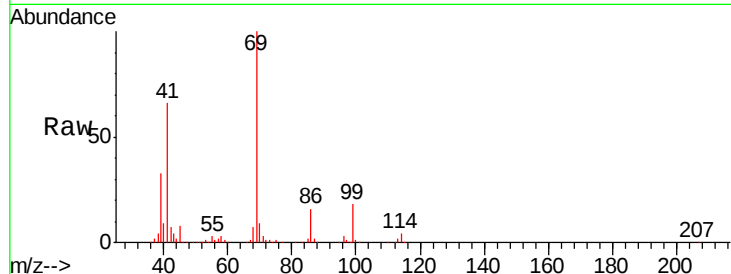
#51
Ethyl methacrylate
Concen: 22.041 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	34.4	103.3
39	32.4	16.4	49.2

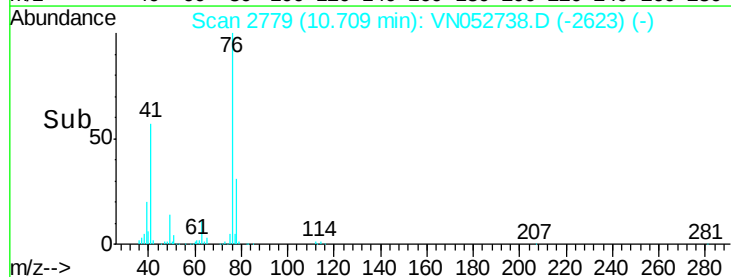
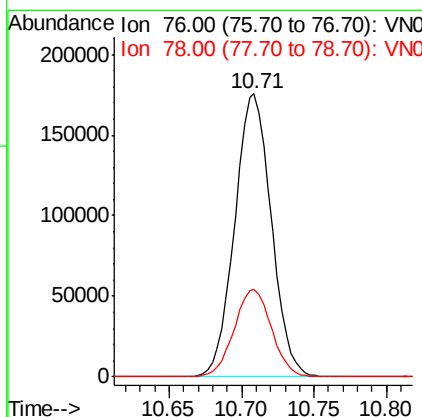
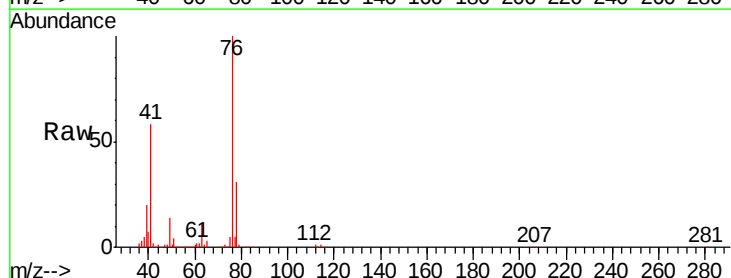
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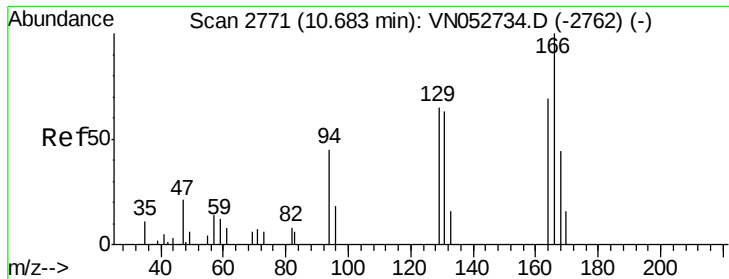
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#52
1,3-Dichloropropane
Concen: 20.320 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	64.8





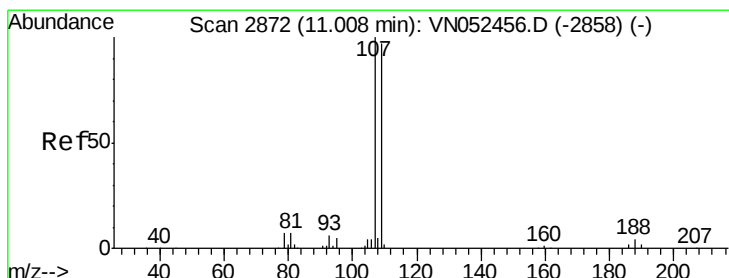
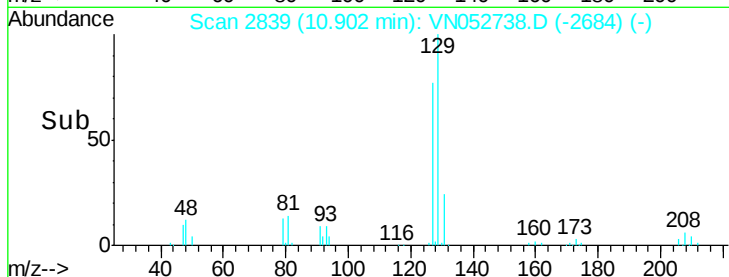
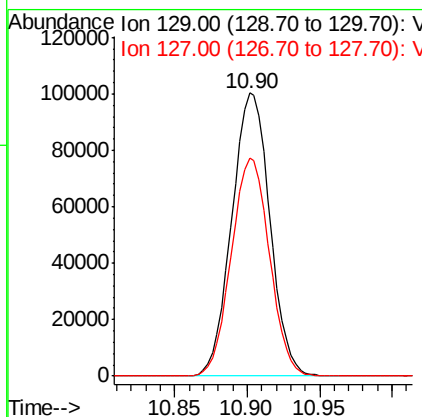
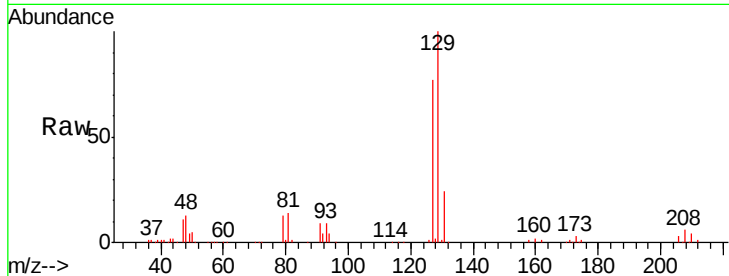
#53
 Dibromochloromethane
 Concen: 19.519 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:129 Resp: 183358
 Ion Ratio Lower Upper
 129 100
 127 77.2 37.6 112.8

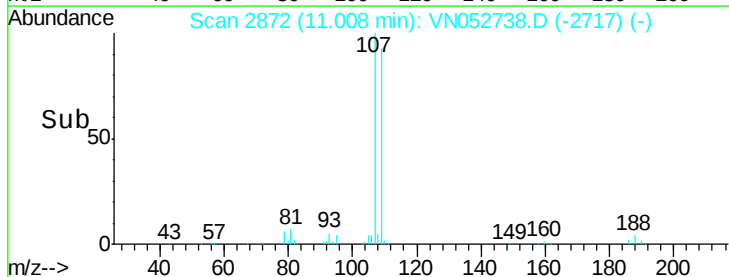
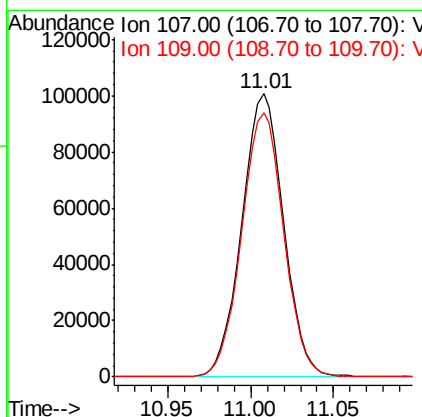
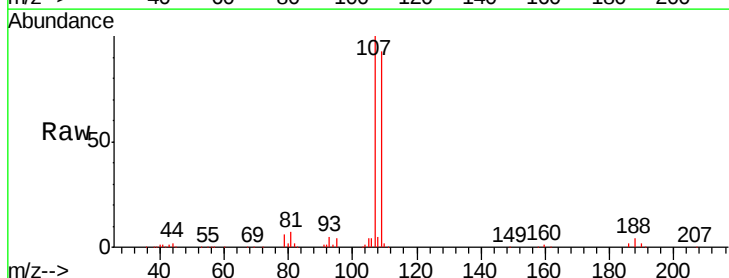
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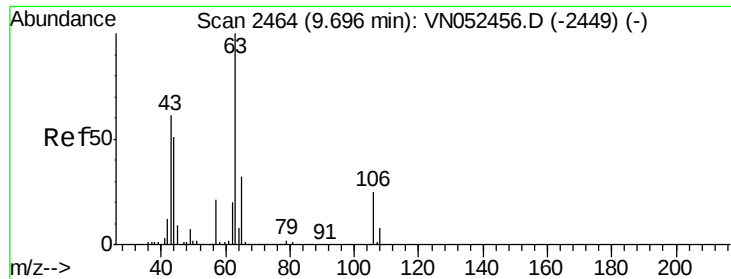
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#54
 1,2-Dibromoethane
 Concen: 21.117 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion:107 Resp: 176065
 Ion Ratio Lower Upper
 107 100
 109 94.3 77.1 115.7





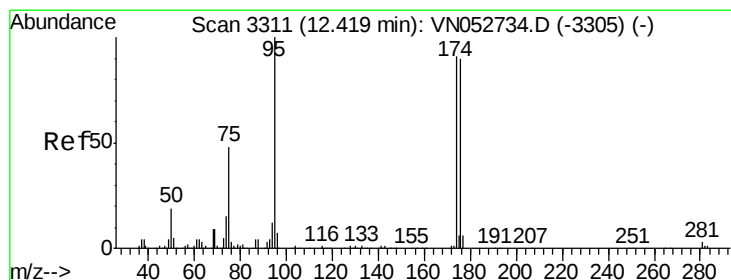
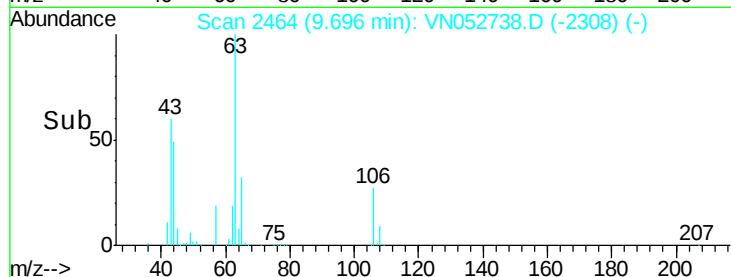
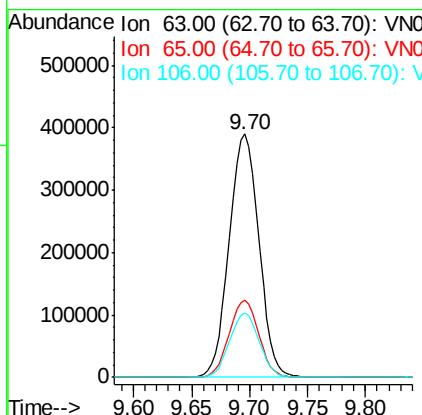
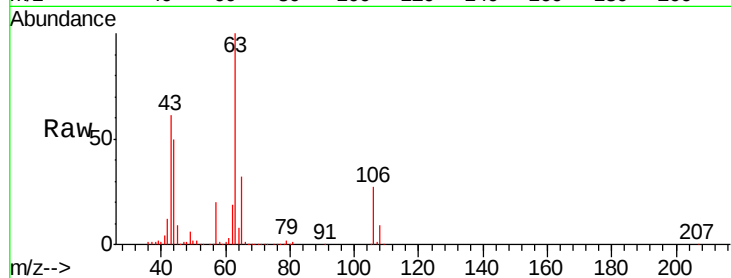
#55
2-Chloroethyl vinyl ether
Concen: 110.184 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.4	38.2
106	26.4	20.4	30.6

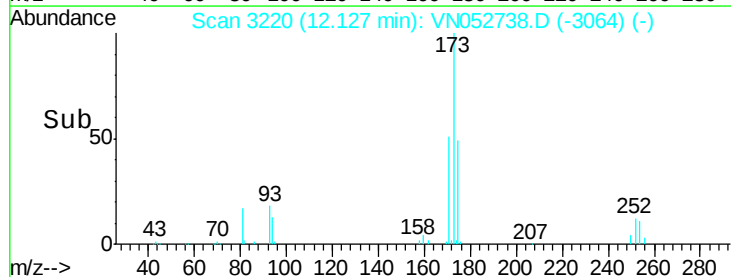
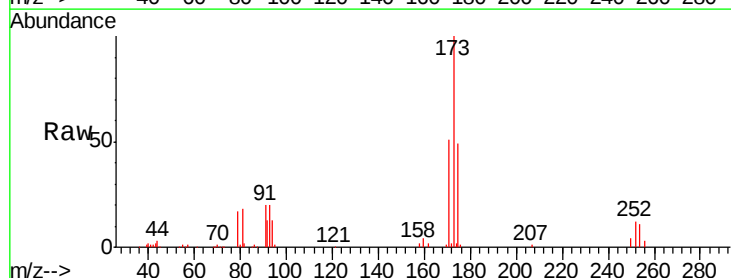
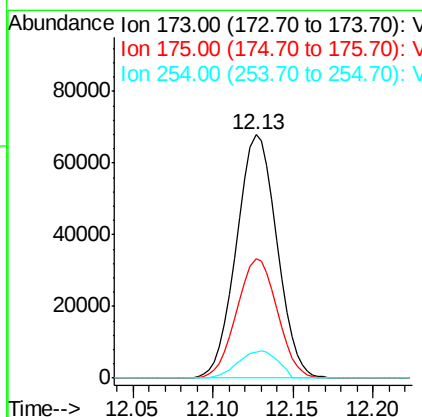
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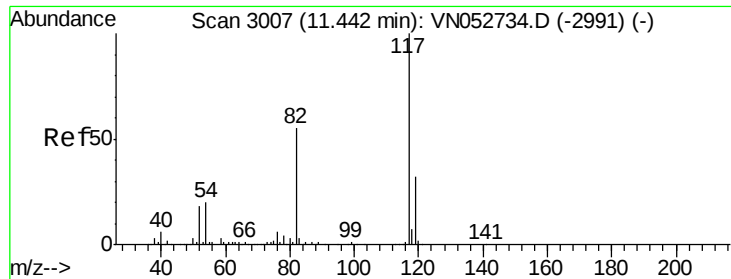
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#56
Bromoform
Concen: 19.084 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.7	58.1
254	10.9	8.4	12.6





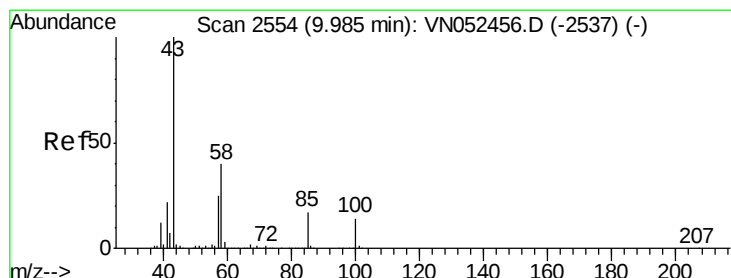
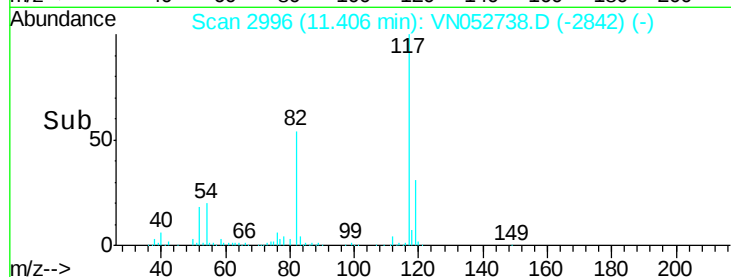
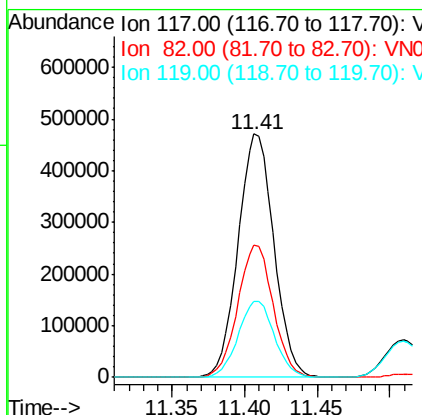
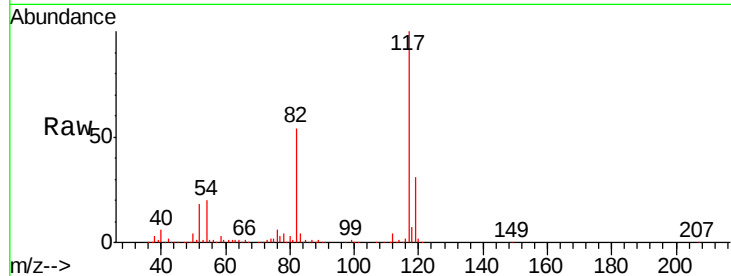
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	31.8	25.4	38.2

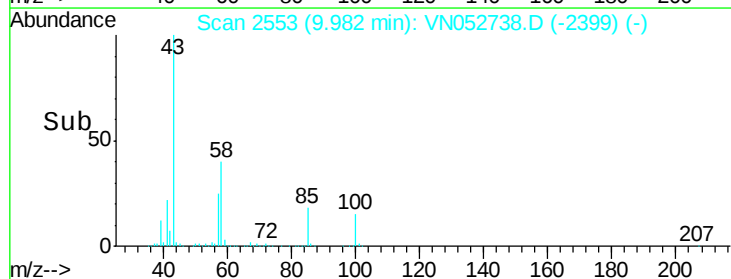
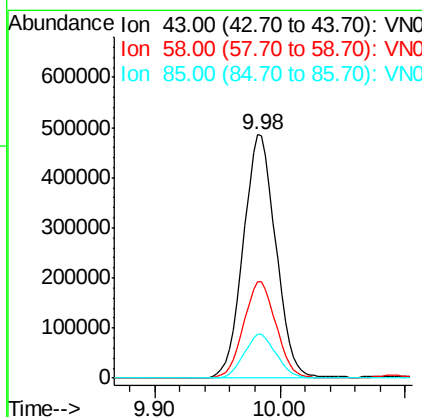
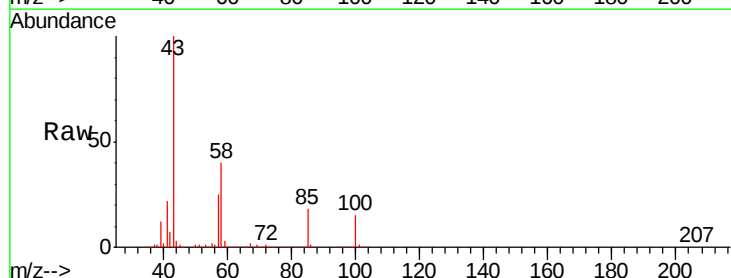
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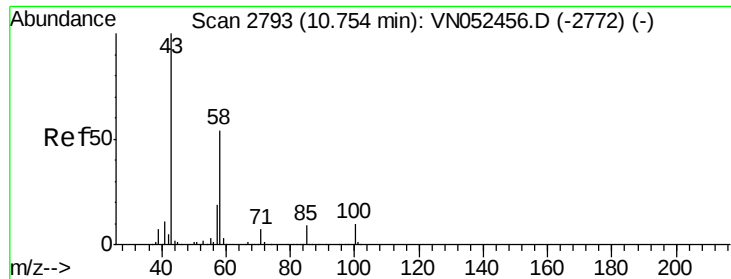
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#58
4-Methyl-2-Pentanone
Concen: 111.348 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	18.0	13.3	19.9





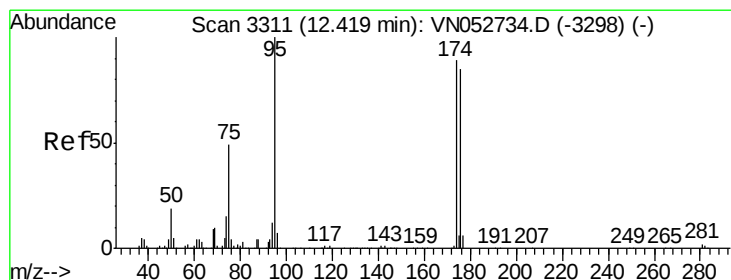
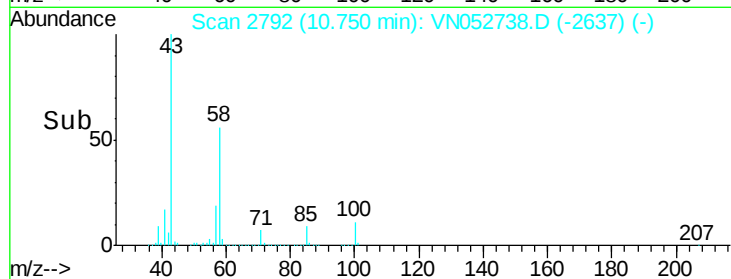
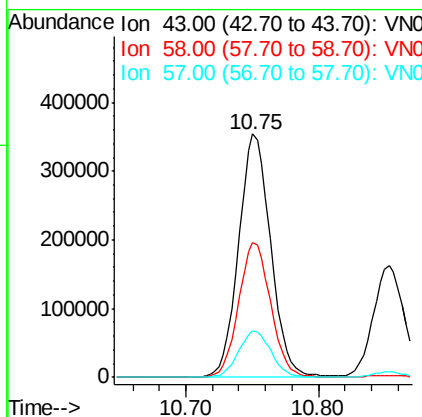
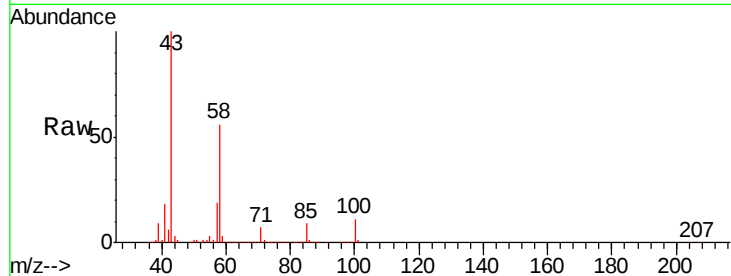
#59
2-Hexanone
Concen: 110.600 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.2	64.8
57	19.4	14.9	22.3

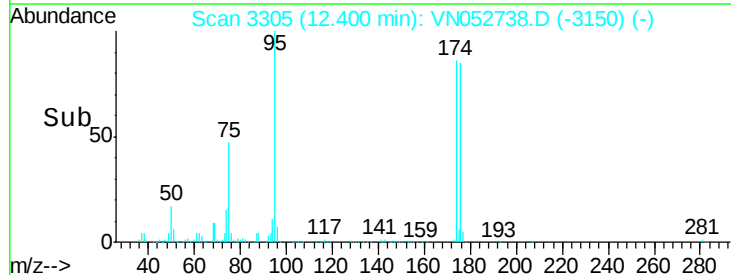
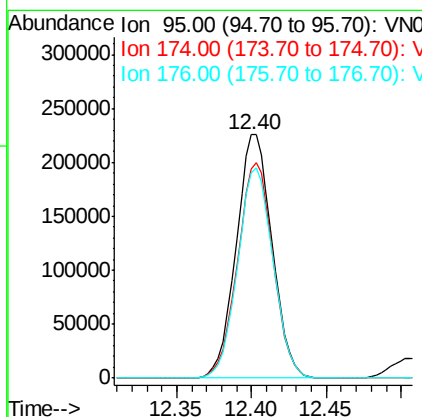
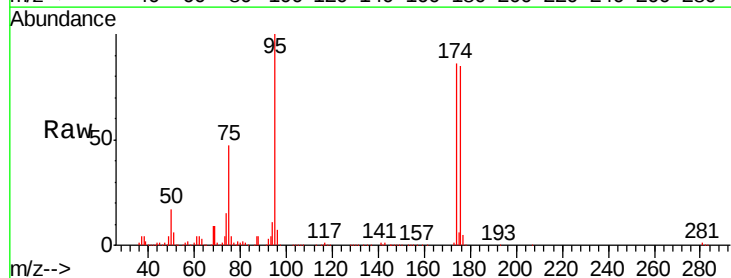
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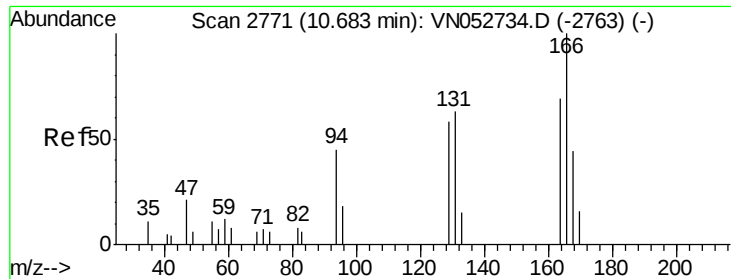
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 110.600 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	67.9	101.9
176	85.4	66.4	99.6





#61

Tetrachloroethene

Concen: 23.577 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

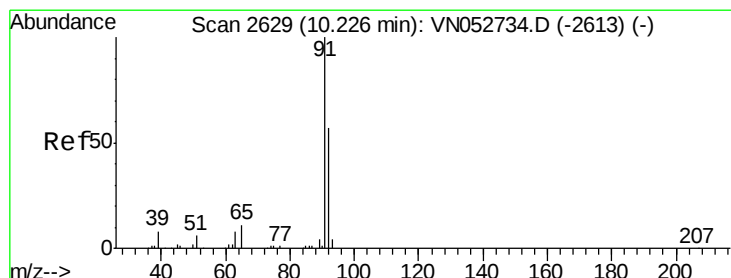
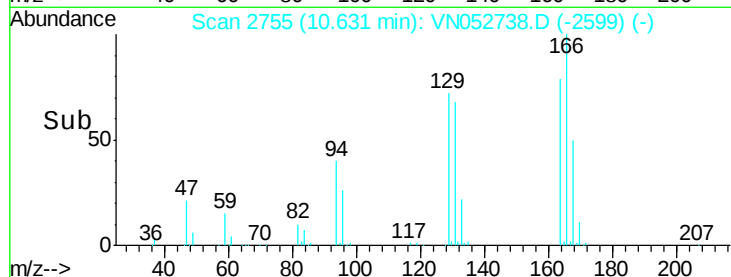
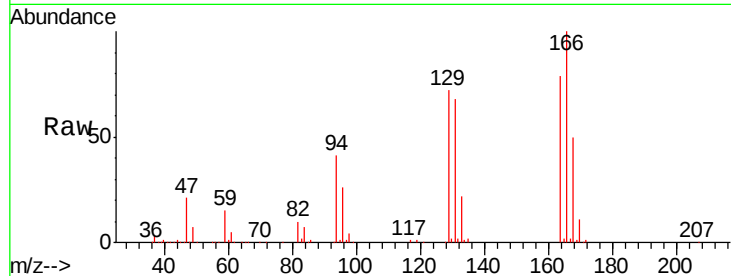
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	164	Resp:	234476
Ion Ratio	Lower	Upper	
164	100		
166	126.0	104.6	157.0
129	91.1	75.3	112.9
131	86.2	74.3	111.5

Manual Integrations
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#62

Toluene

Concen: 19.166 ug/l

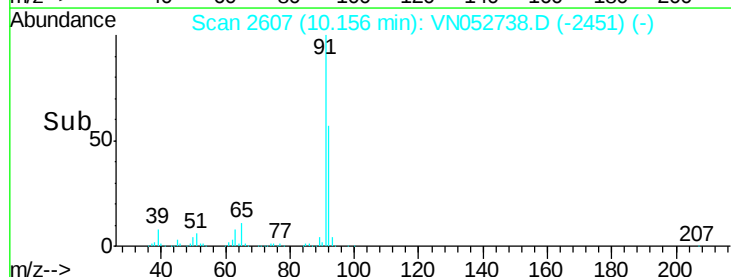
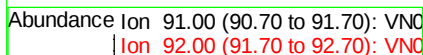
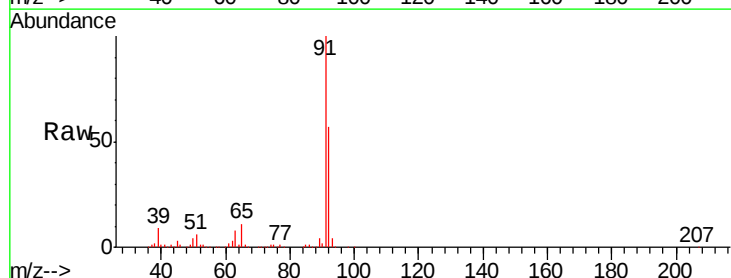
RT: 10.16 min Scan# 2607

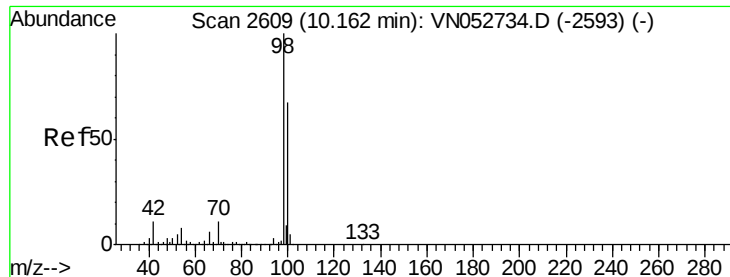
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	91	Resp:	853150
Ion Ratio	Lower	Upper	
91	100		
92	57.5	45.4	68.2





#63

Toluene-d8

Concen: 19.166 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 1087132

Ion Ratio Lower Upper

98 100

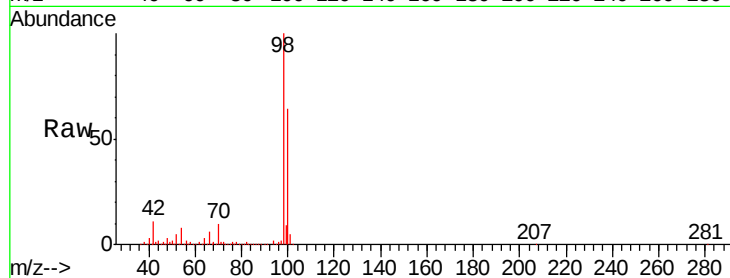
100 64.2 51.1 76.7

Manual Integrations

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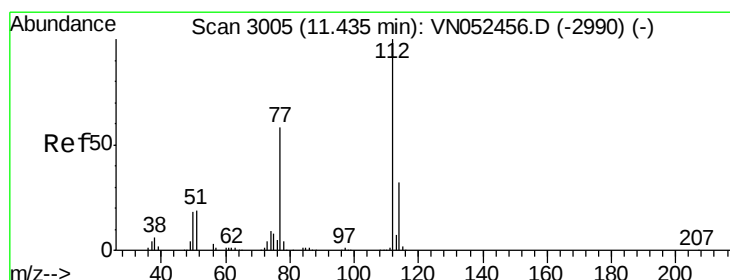
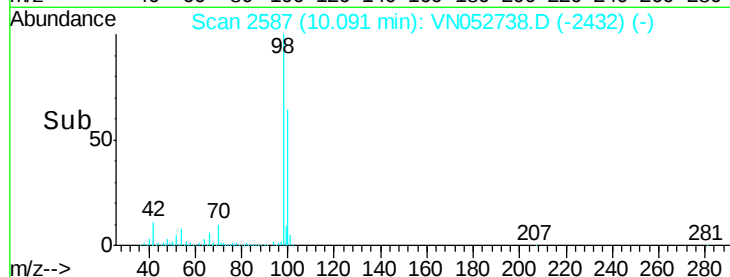
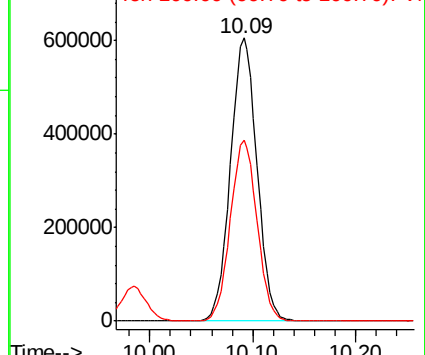
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Abundance Ion 98.00 (97.70 to 98.70): VN052738.D (-2593) (-)

Ion 100.00 (99.70 to 100.70): VN052738.D (-2593) (-)



#64

Chlorobenzene

Concen: 19.603 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052738.D

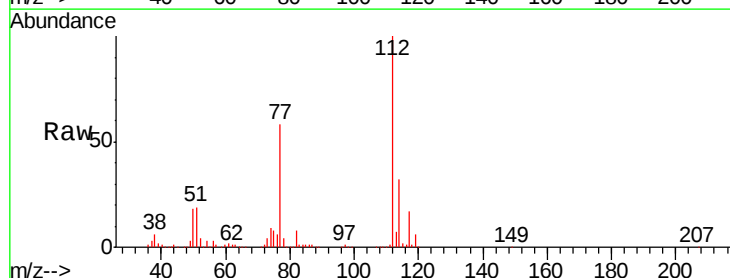
Acq: 7 Dec 2018 20:17

Tgt Ion: 112 Resp: 532629

Ion Ratio Lower Upper

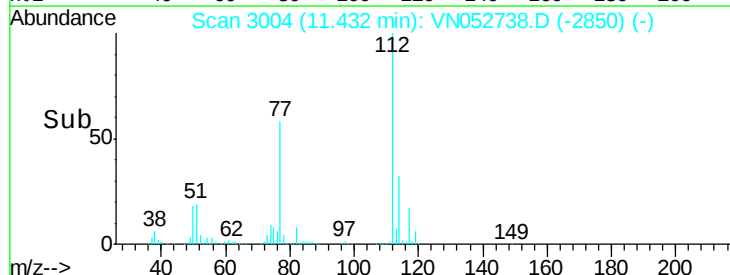
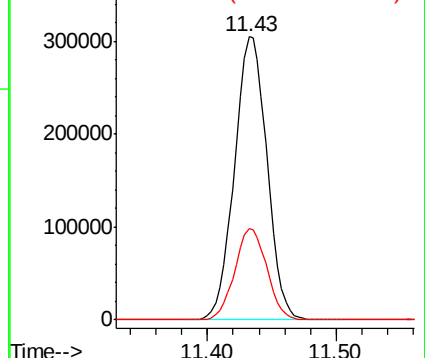
112 100

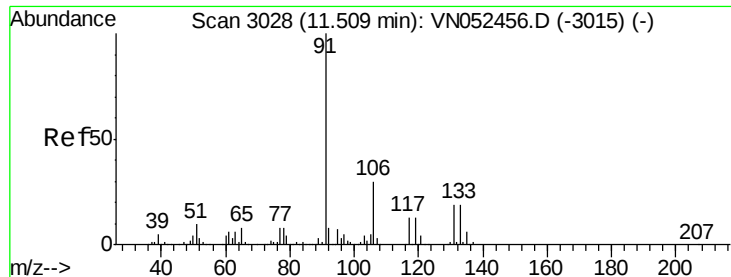
114 32.4 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VN052738.D (-2850) (-)

Ion 114.00 (113.70 to 114.70): VN052738.D (-2850) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.597 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

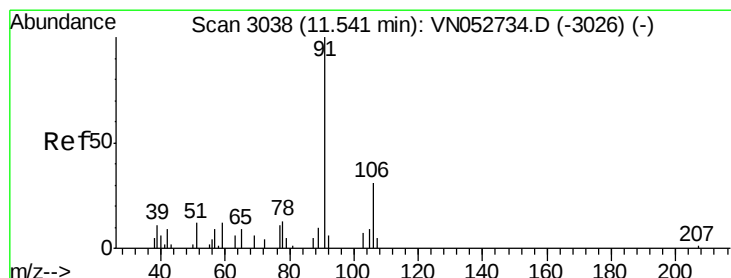
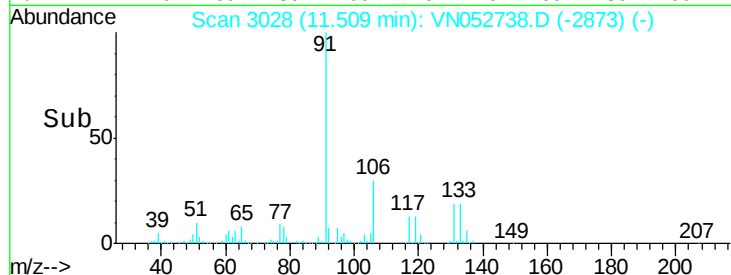
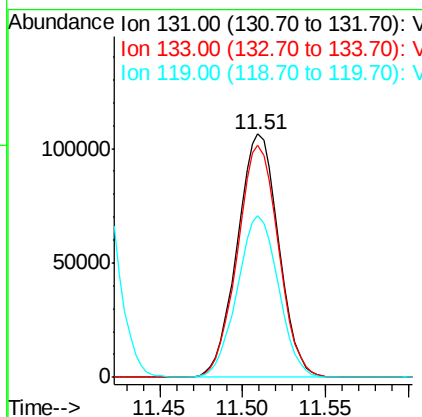
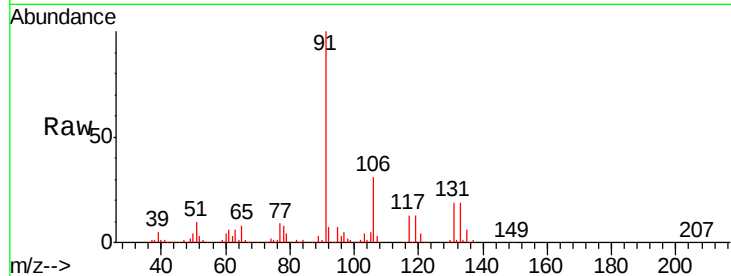
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	131	Resp:	184824
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	193.4
119	66.2	0.0	133.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.109 ug/l

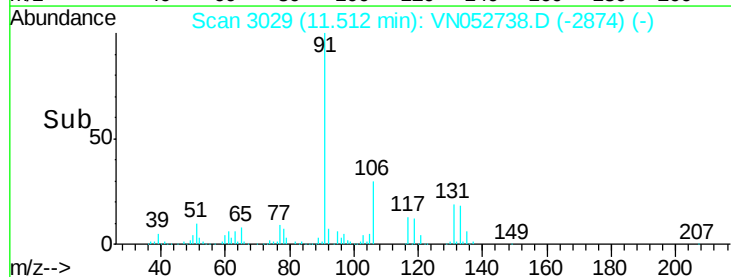
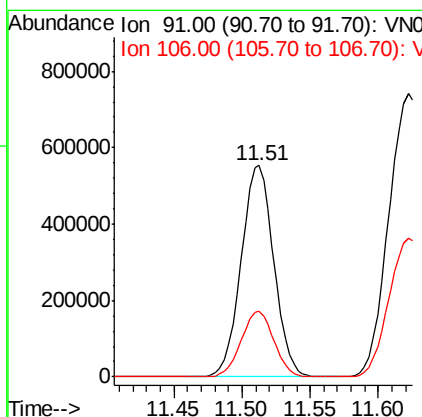
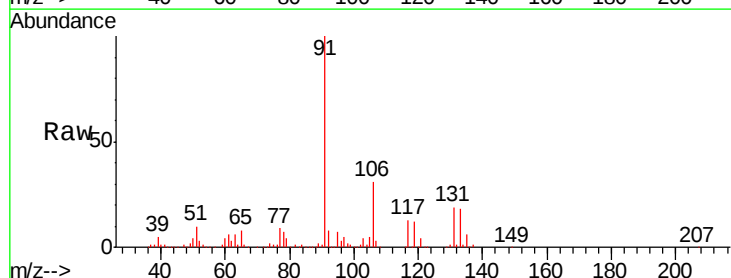
RT: 11.51 min Scan# 3029

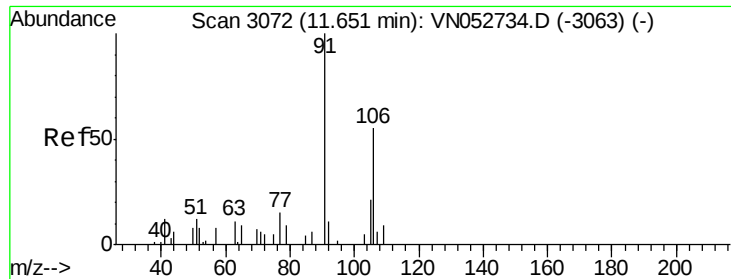
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	91	Resp:	916793
Ion Ratio	Lower	Upper	
91	100		
106	30.9	24.3	36.5





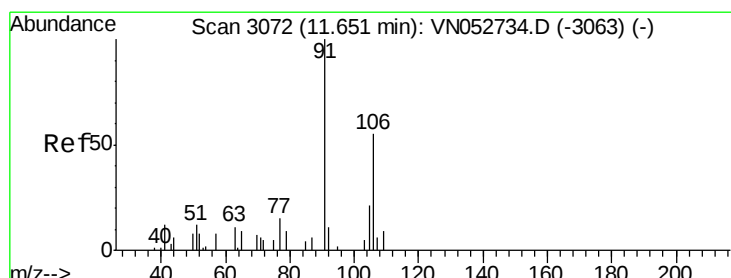
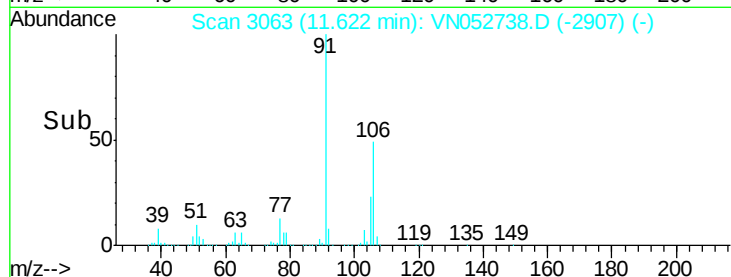
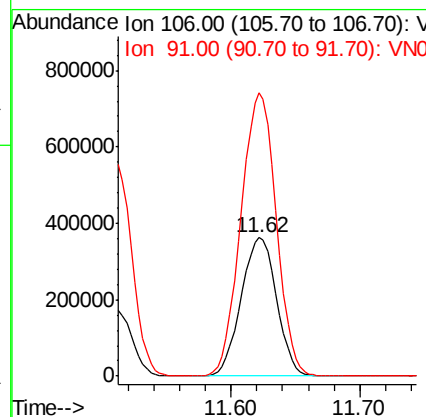
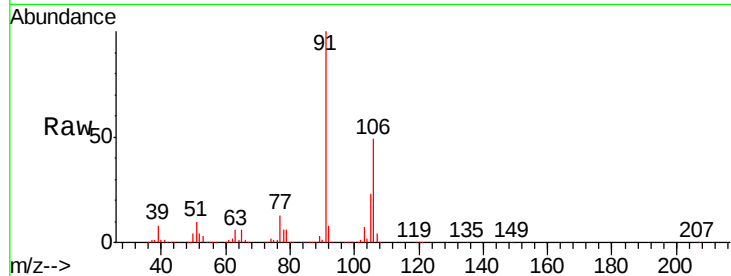
#67
m/p-Xylenes
Concen: 38.908 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 695446
Ion Ratio Lower Upper
106 100
91 202.9 163.9 245.9

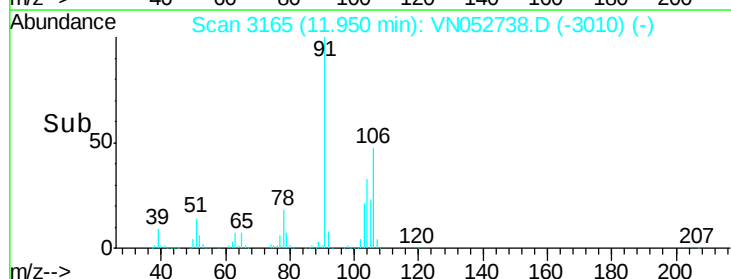
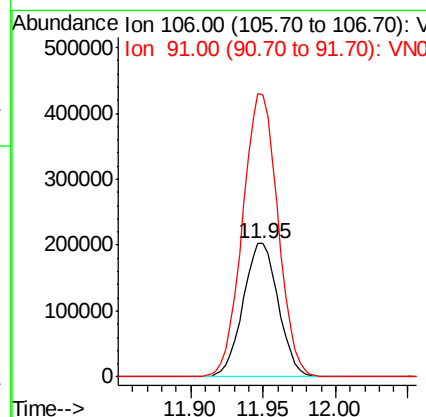
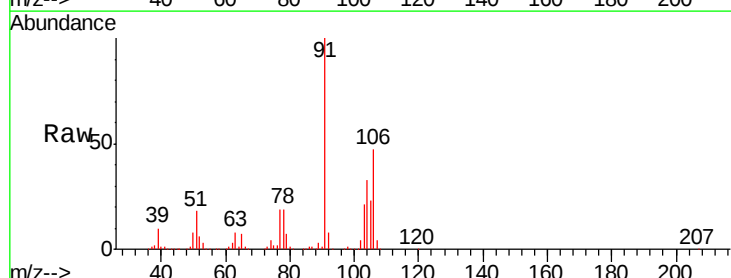
Manual Integrations
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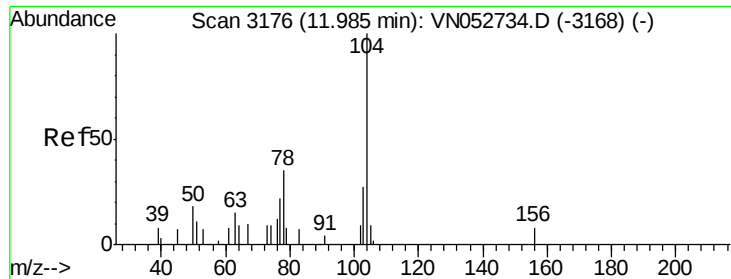
MMDadoda
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#68
o-Xylene
Concen: 19.739 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion:106 Resp: 342431
Ion Ratio Lower Upper
106 100
91 212.6 107.8 323.4





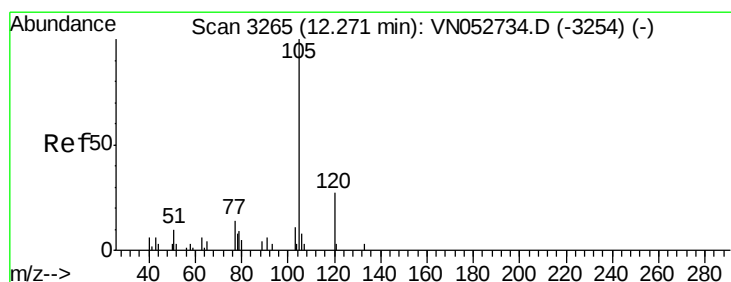
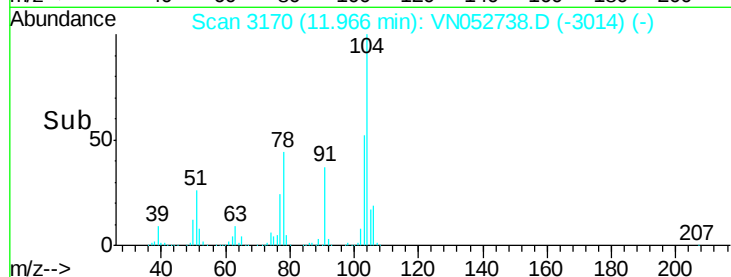
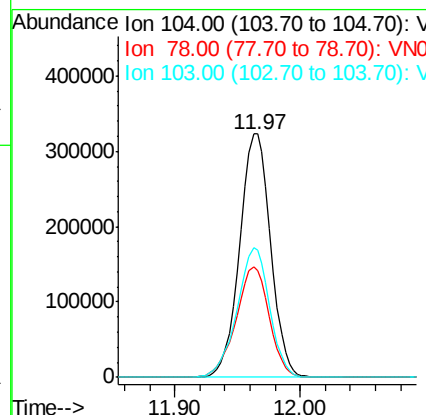
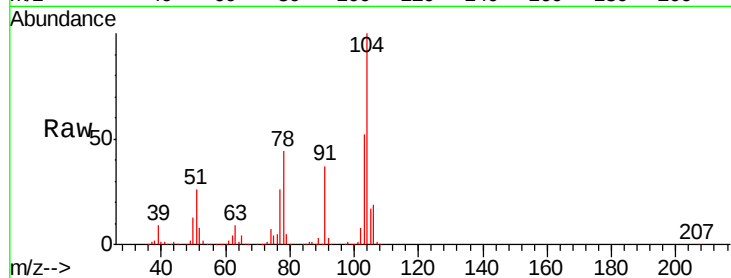
#69
Styrene
Concen: 19.785 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.3	58.9
103	55.8	44.6	66.8

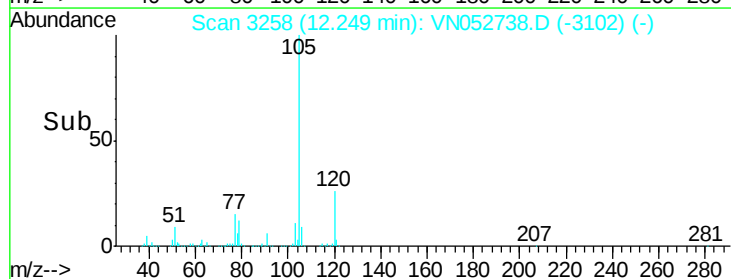
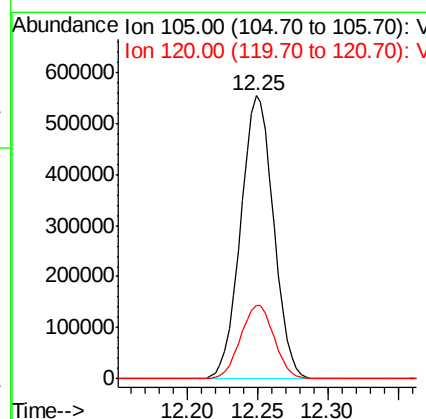
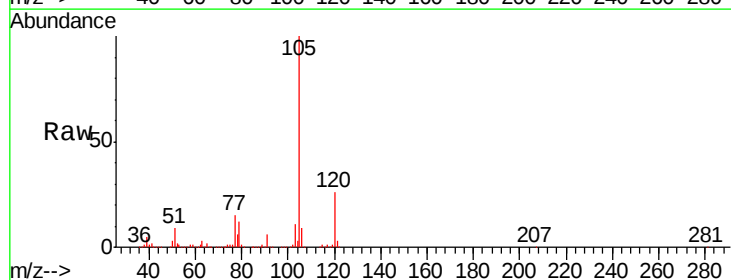
Manual Integrations
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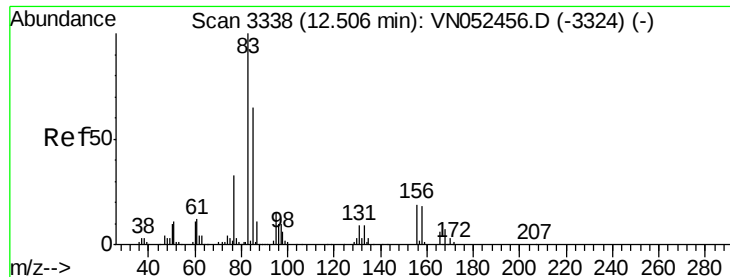
MMDadoda
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#70
Isopropylbenzene
Concen: 19.588 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.6	34.6





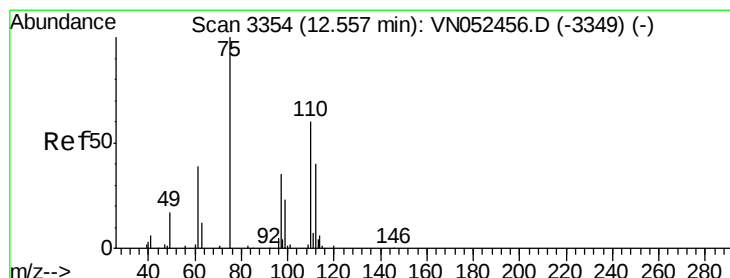
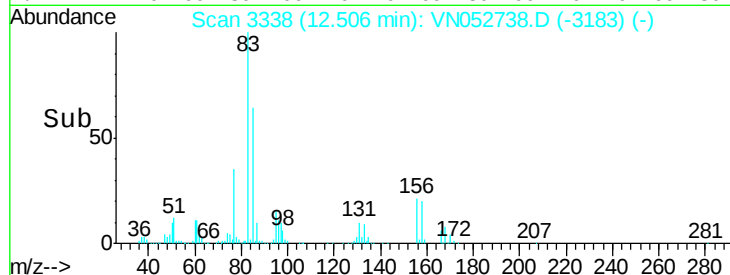
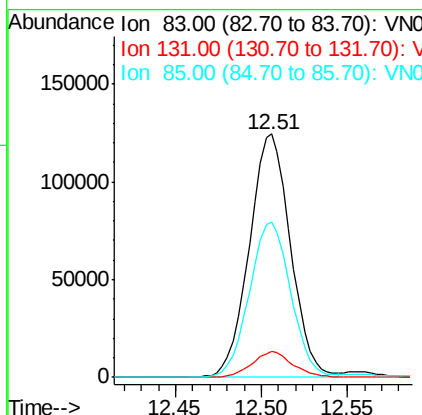
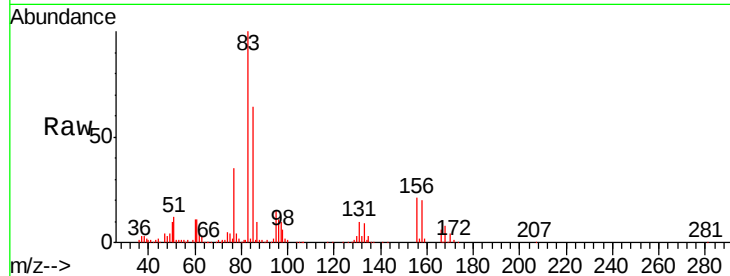
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.552 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.6
85	63.8	32.2	96.6

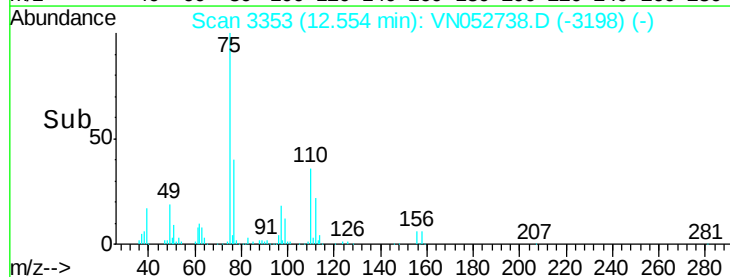
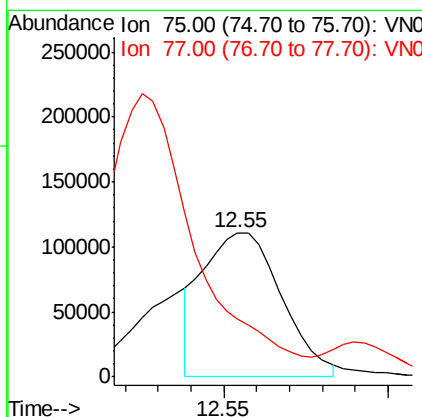
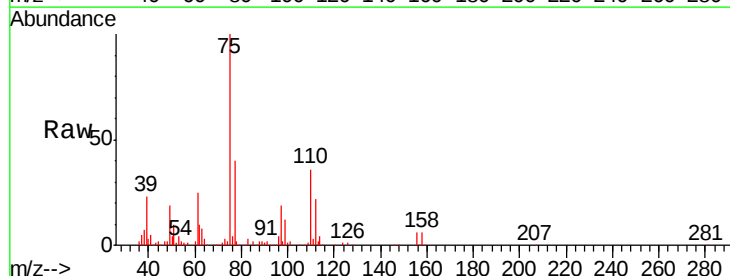
Manual Integrations
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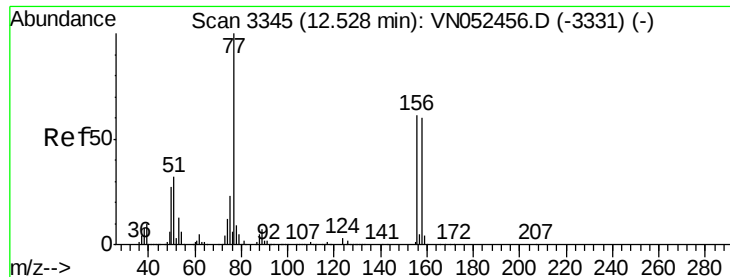
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#72
 1,2,3-Trichloropropane
 Concen: 21.423 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	231.6	0.0	514.8





#73

Bromobenzene

Concen: 20.893 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

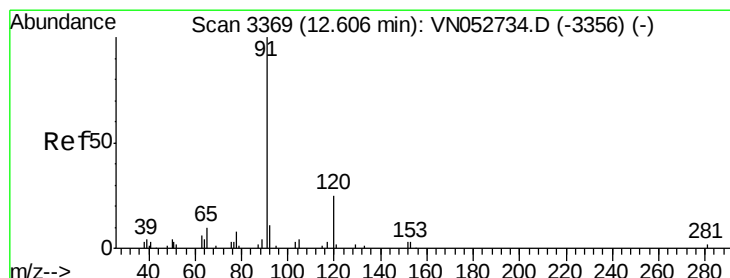
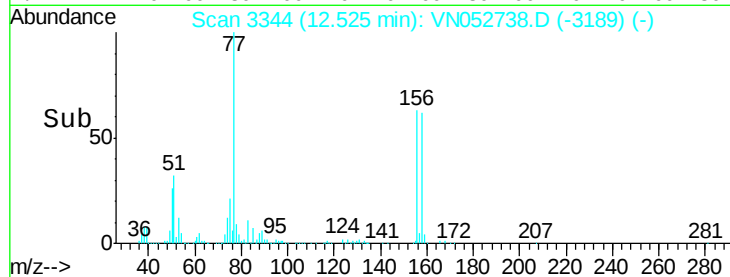
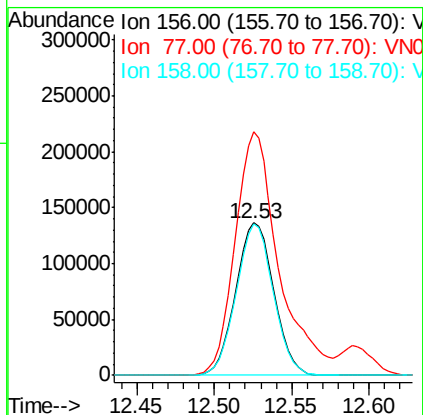
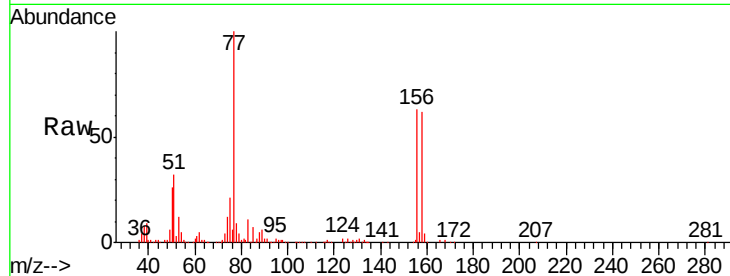
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	156	Resp:	233245
Ion Ratio	Lower	Upper	
156	100		
77	183.3	0.0	382.6
158	96.5	0.0	196.8

Manual Integrations
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#74

n-propylbenzene

Concen: 19.395 ug/l

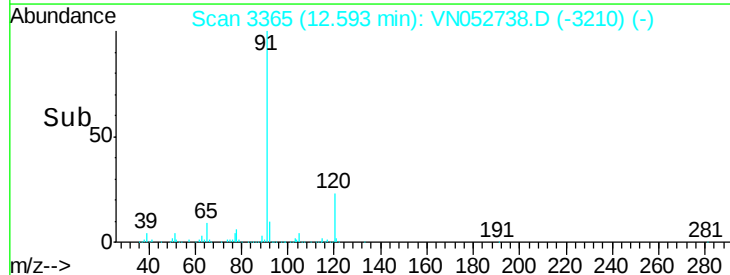
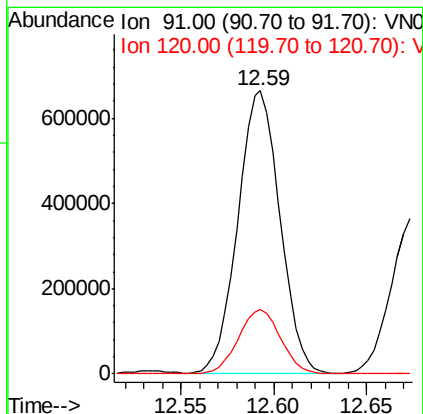
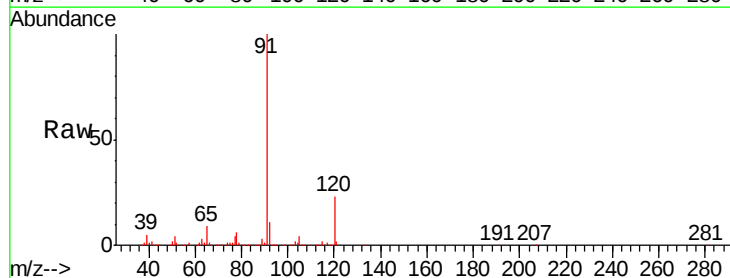
RT: 12.59 min Scan# 3365

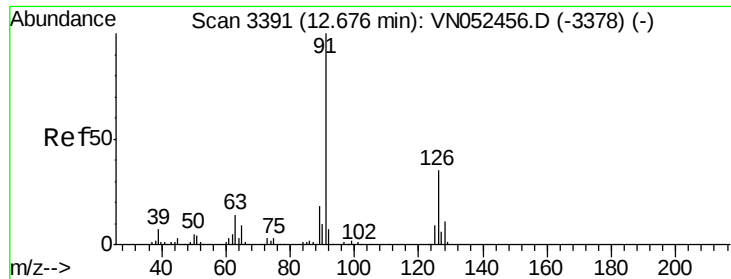
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	91	Resp:	1043072
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	44.6





#75

2-Chlorotoluene

Concen: 19.650 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 613431

Ion Ratio Lower Upper

91 100

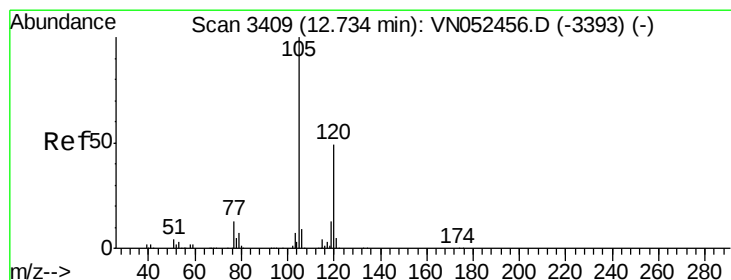
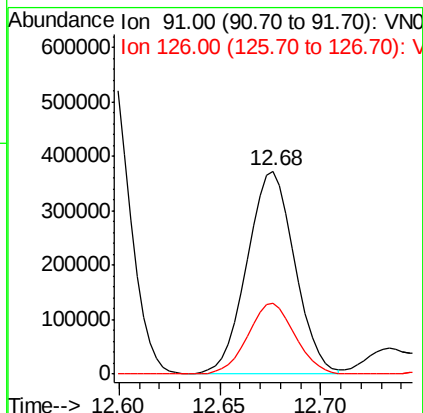
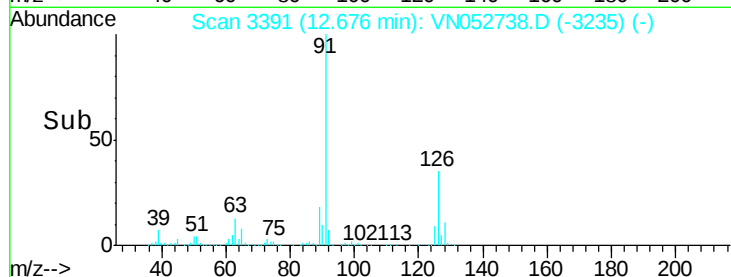
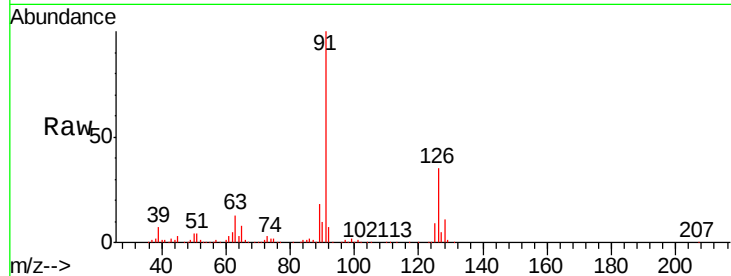
126 34.8 0.0 68.4

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#76

1,3,5-Trimethylbenzene

Concen: 19.904 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052738.D

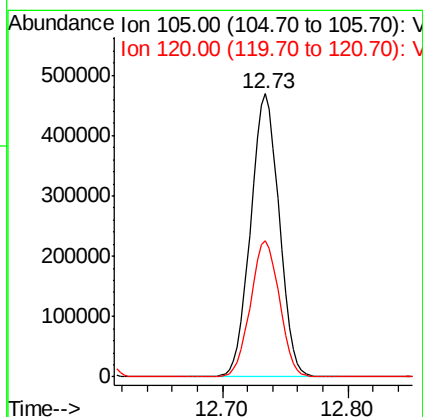
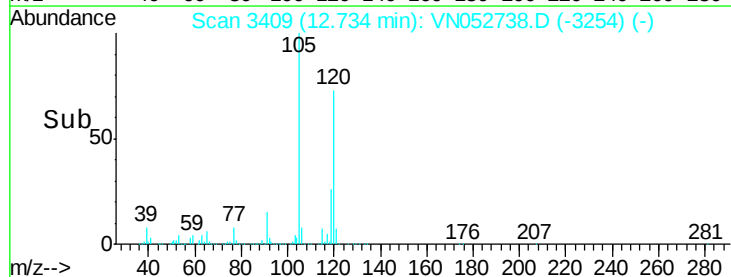
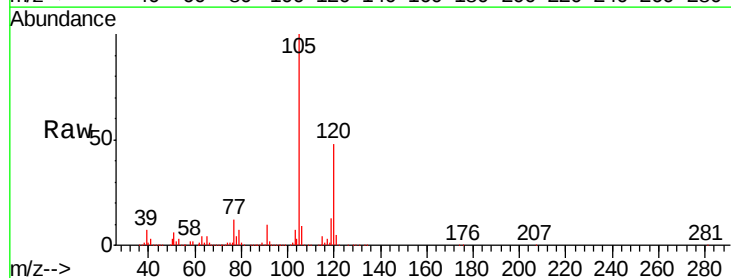
Acq: 7 Dec 2018 20:17

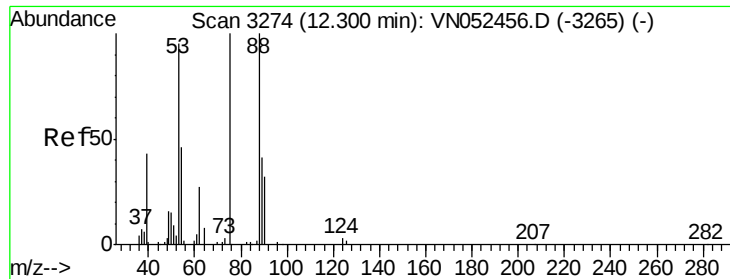
Tgt Ion: 105 Resp: 742075

Ion Ratio Lower Upper

105 100

120 48.8 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 19.926 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

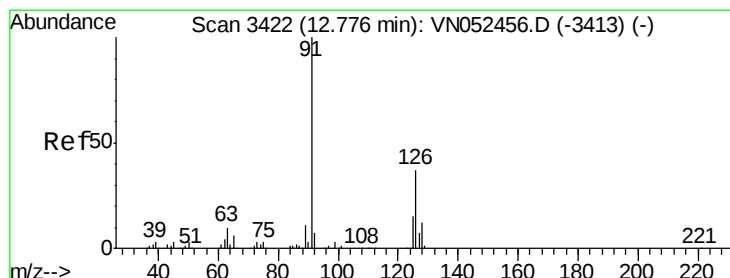
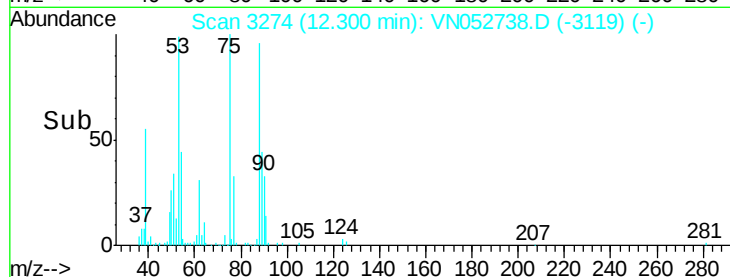
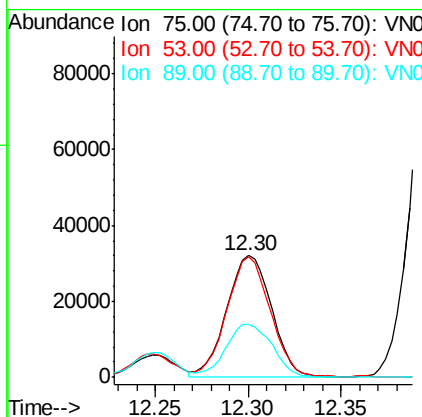
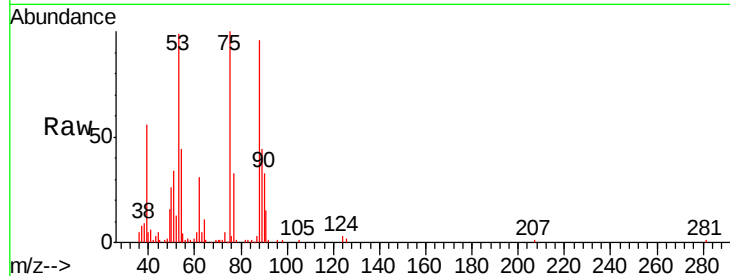
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	75	Resp:	54256
Ion	Ratio	Lower	Upper
75	100		
53	98.8	48.5	145.6
89	44.0	21.7	65.1

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#78

4-Chlorotoluene

Concen: 19.951 ug/l

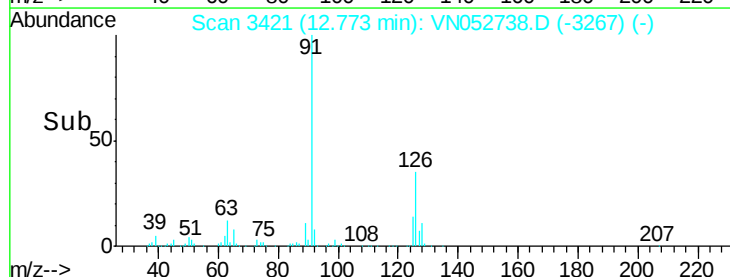
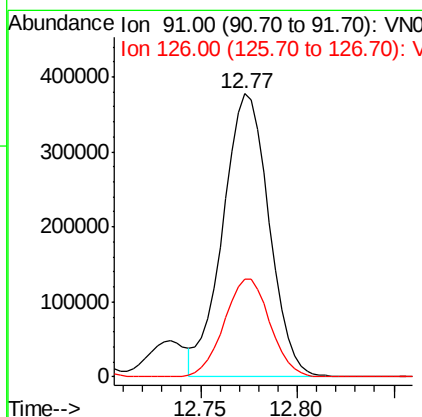
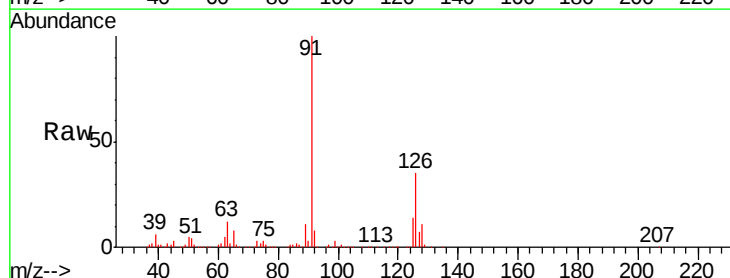
RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	91	Resp:	621965
Ion	Ratio	Lower	Upper
91	100		
126	34.4	0.0	68.2





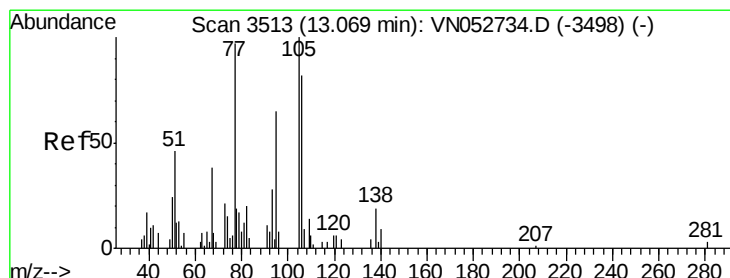
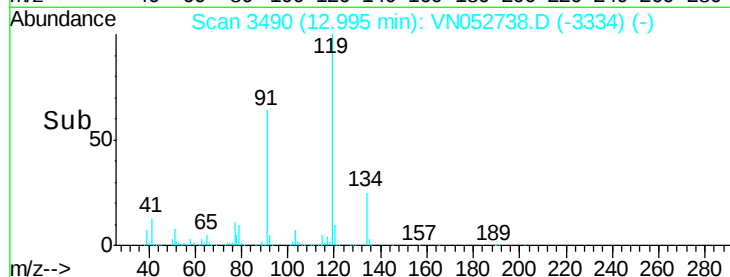
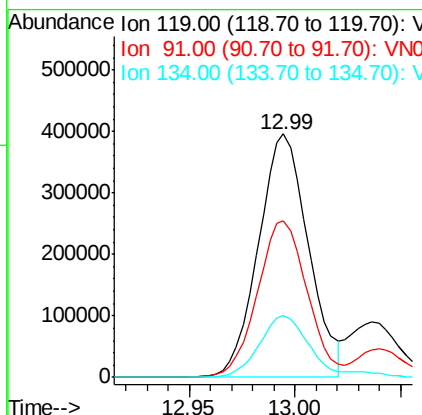
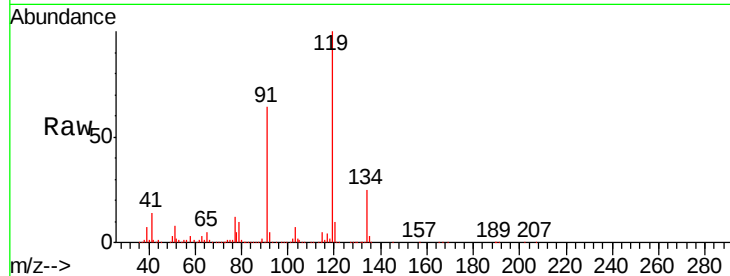
#79
tert-butylbenzene
Concen: 20.057 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	651233		
91	63.8	0.0	129.8	
134	25.0	0.0	52.2	

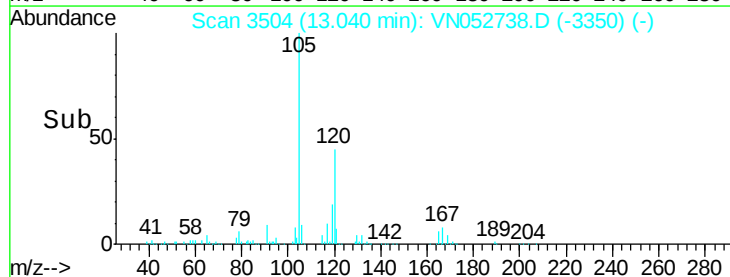
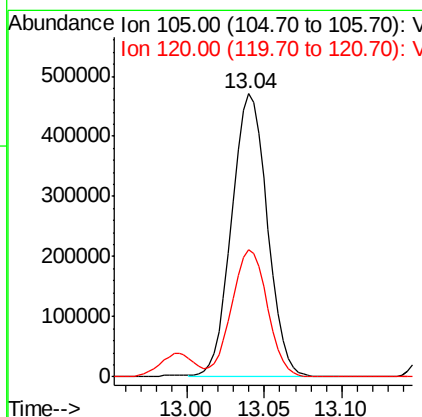
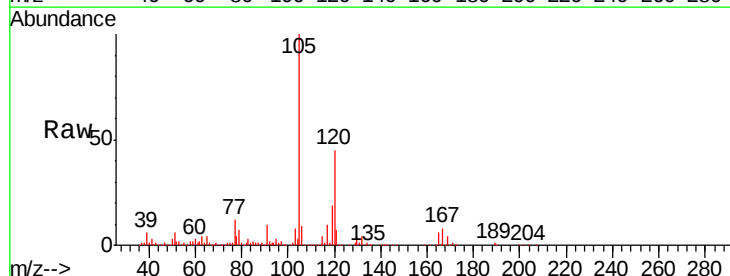
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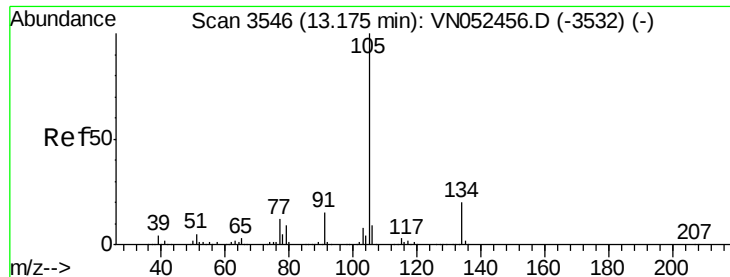
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#80
1,2,4-Trimethylbenzene
Concen: 20.114 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	750361		
120	45.1	0.0	91.0	





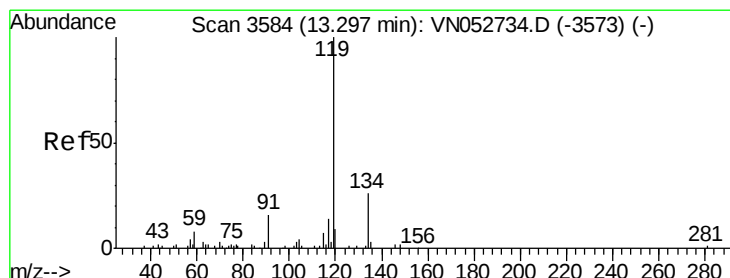
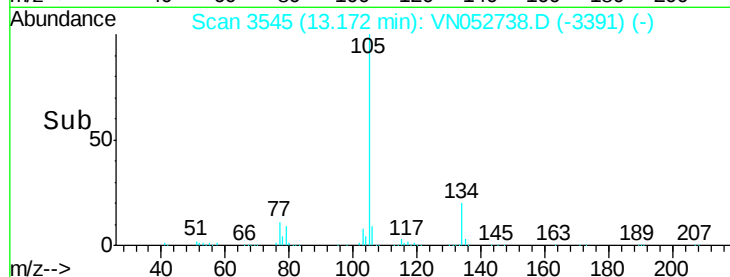
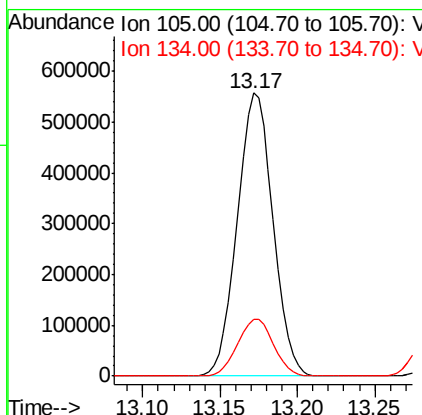
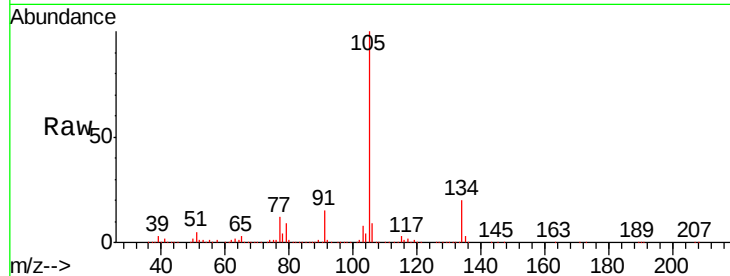
#81
 sec-Butylbenzene
 Concen: 19.691 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	40.4

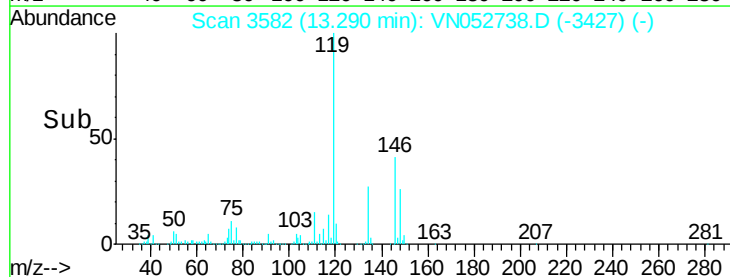
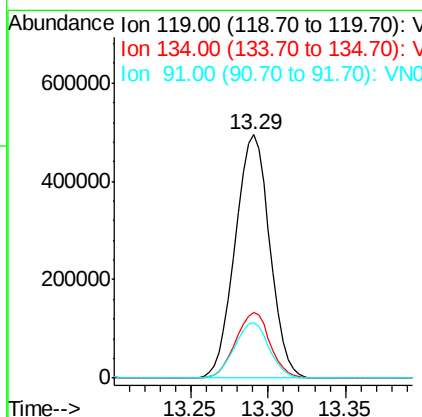
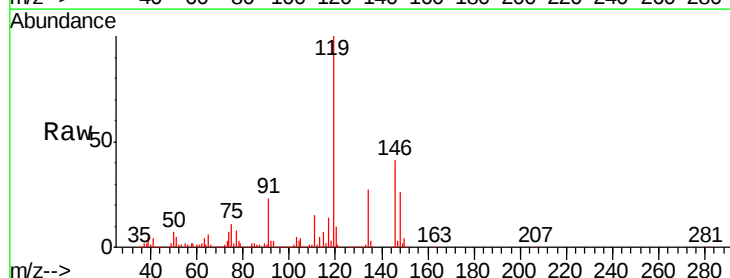
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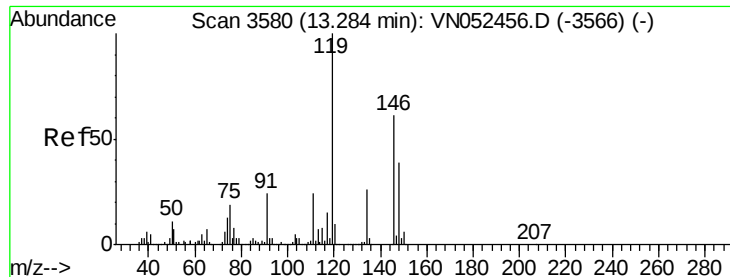
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#82
 p-Isopropyltoluene
 Concen: 19.915 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	52.6
91	22.7	0.0	46.2





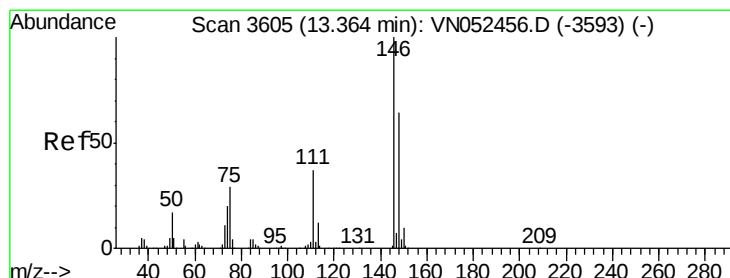
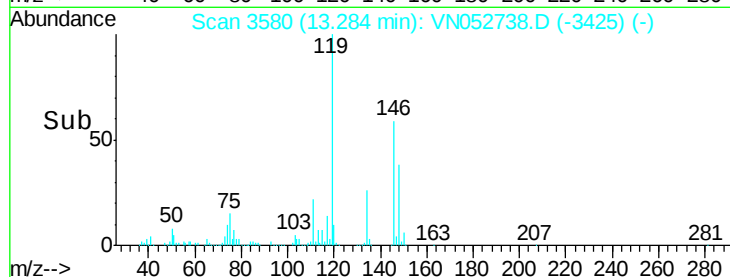
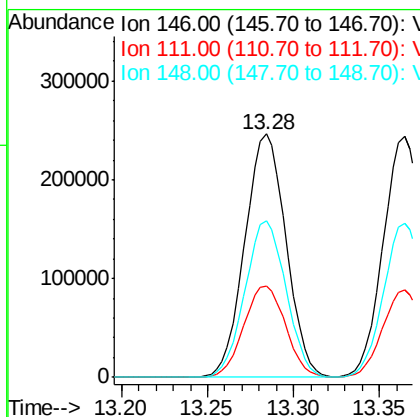
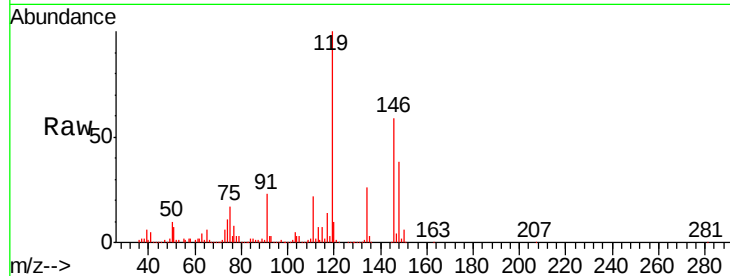
#83
 1,3-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.7	59.0
148	64.3	32.3	96.8

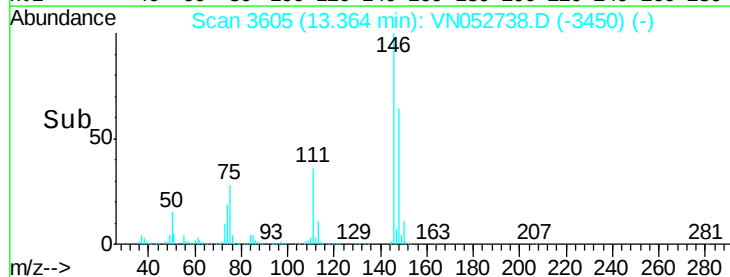
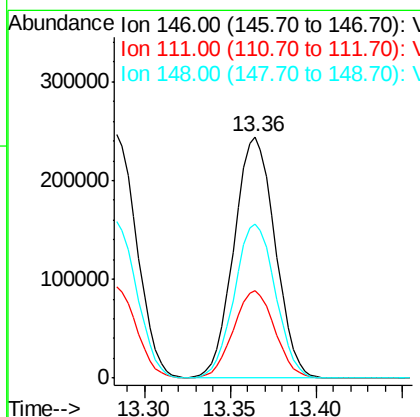
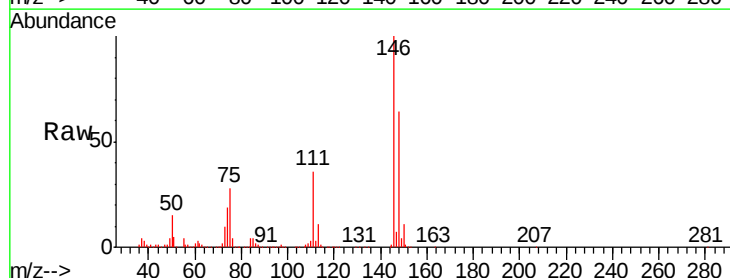
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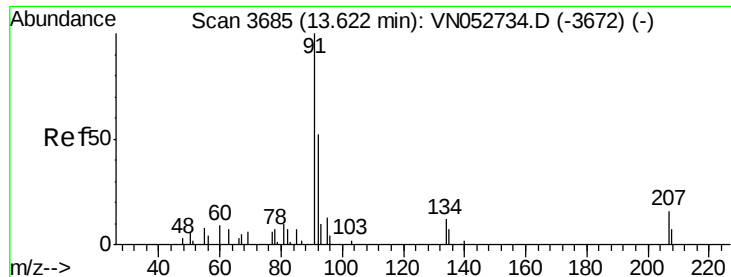
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#84
 1,4-Dichlorobenzene
 Concen: 21.346 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.8	56.3
148	63.9	32.5	97.4





#85

n-Butylbenzene

Concen: 19.886 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Instrument :

MSVOA_N

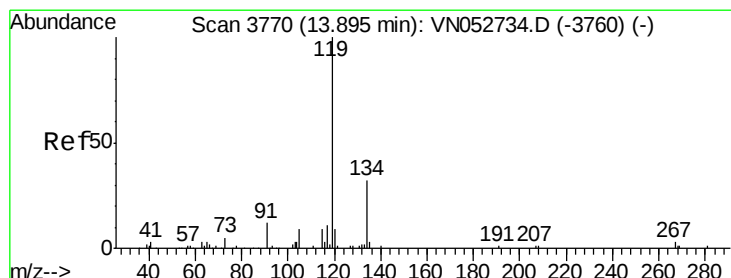
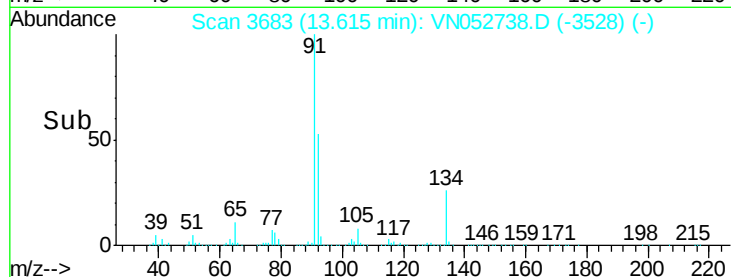
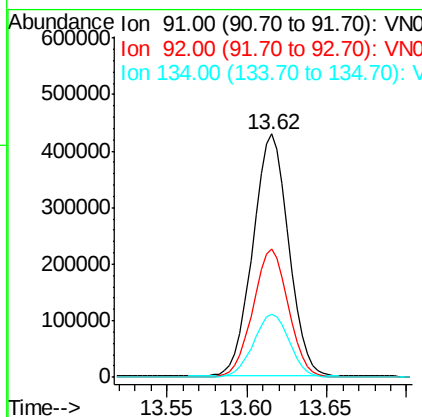
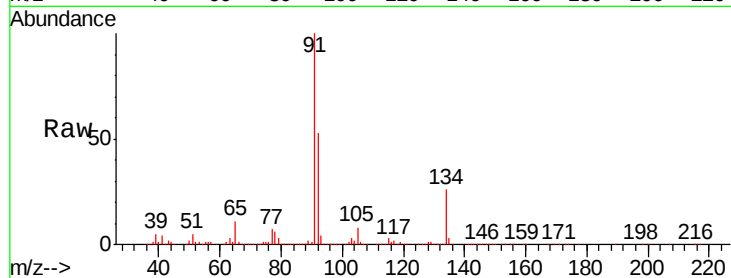
ClientSampleId :

VSTDCCC020EC

Tgt Ion:	91	Resp:	657814
Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	104.2
134	26.5	0.0	50.6

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#86

Hexachloroethane

Concen: 16.899 ug/l

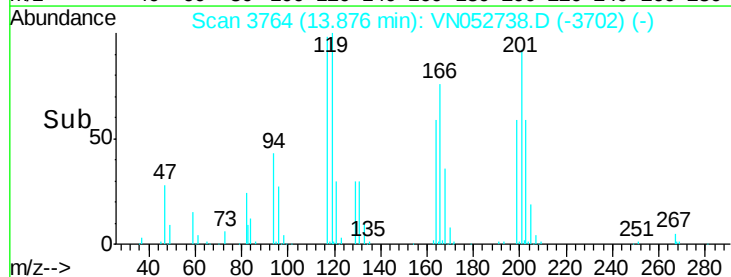
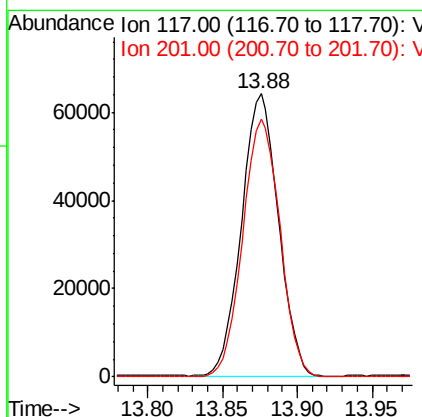
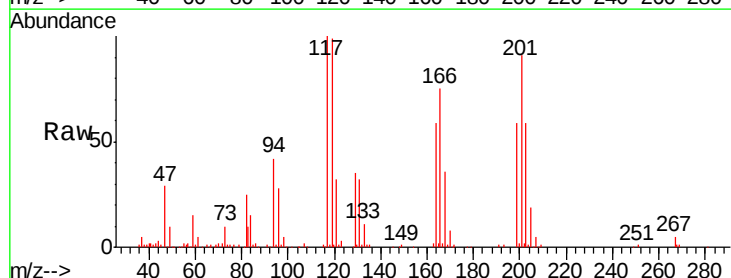
RT: 13.88 min Scan# 3764

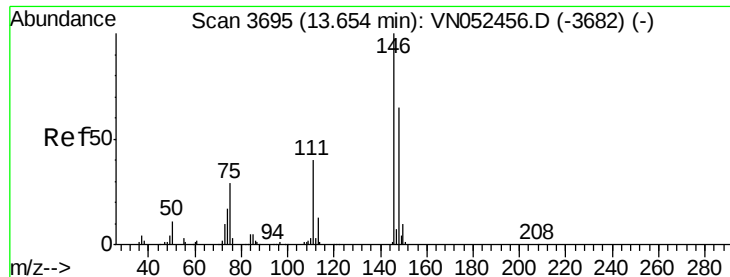
Delta R.T. -0.00 min

Lab File: VN052738.D

Acq: 7 Dec 2018 20:17

Tgt Ion:	117	Resp:	110265
Ion	Ratio	Lower	Upper
117	100		
201	91.8	43.8	131.3





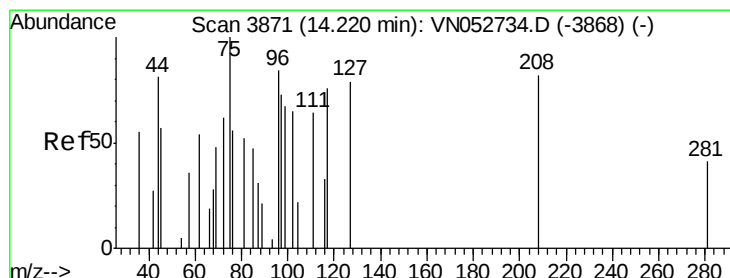
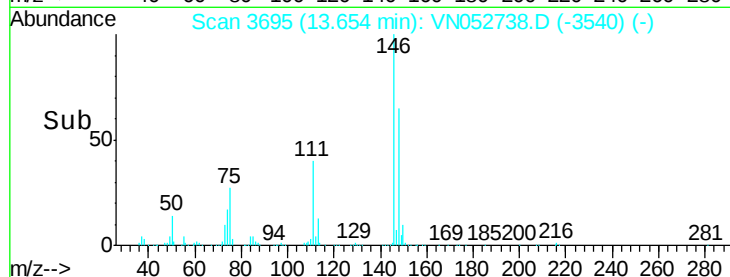
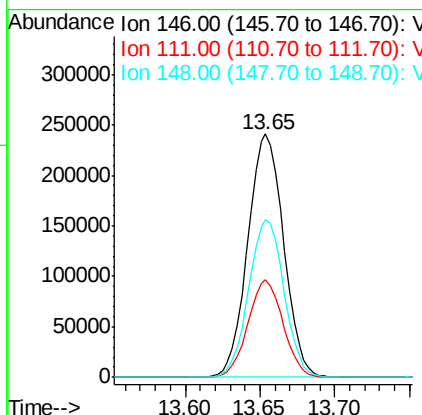
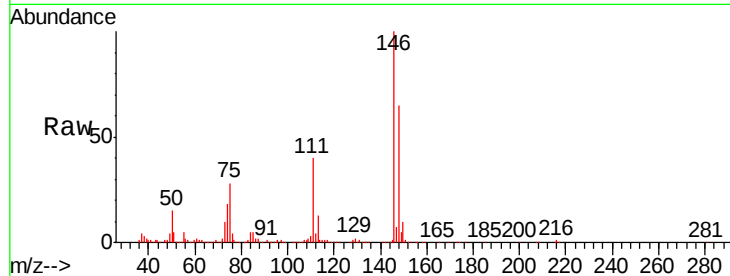
#87
 1,2-Dichlorobenzene
 Concen: 21.442 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	64.3	32.1	96.5

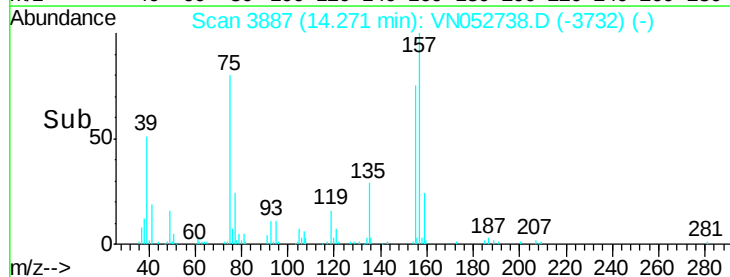
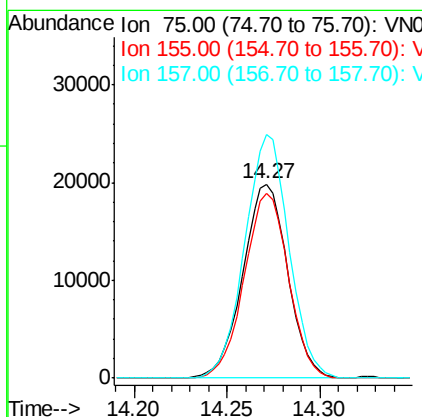
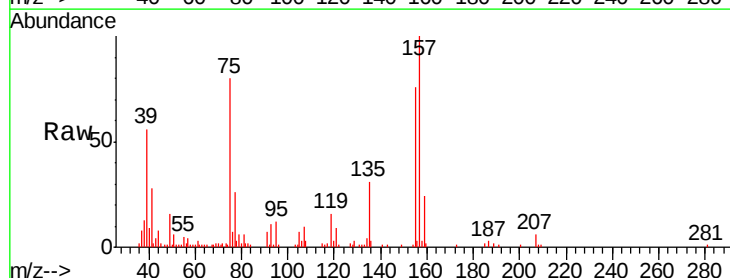
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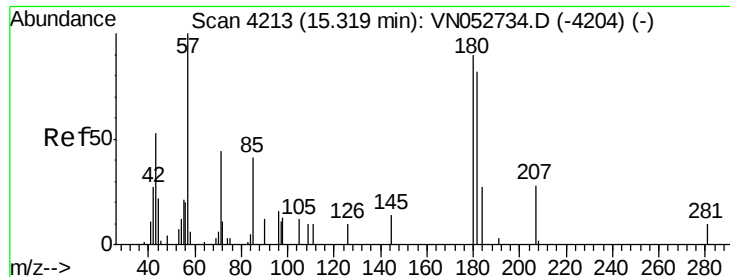
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.766 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	72.2	108.2
157	123.7	94.2	141.2





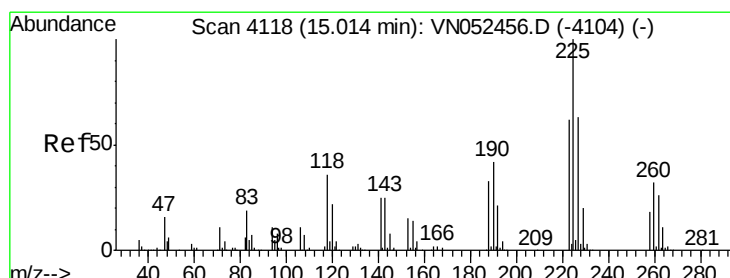
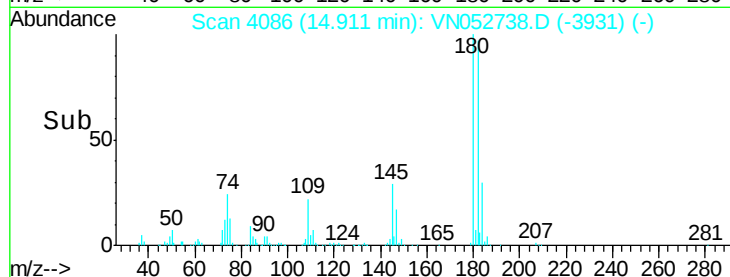
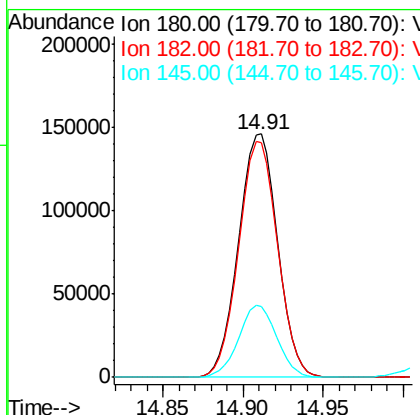
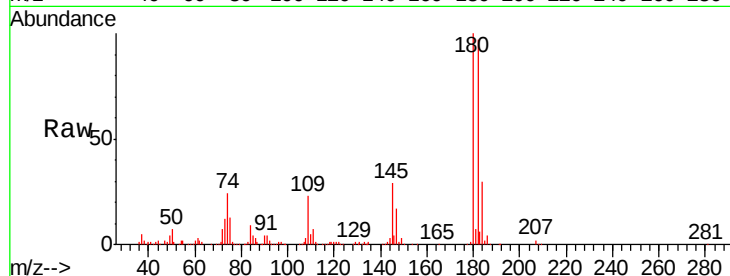
#89
 1,2,4-Trichlorobenzene
 Concen: 26.421 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	28.9	23.6	35.4

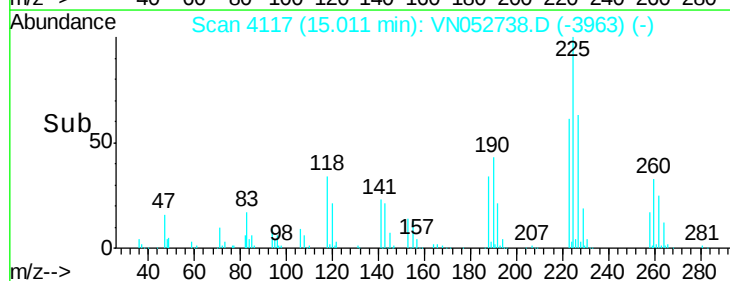
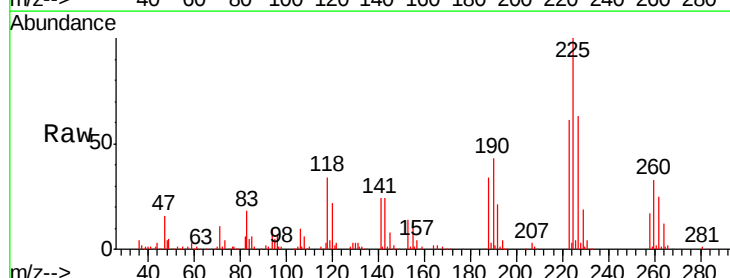
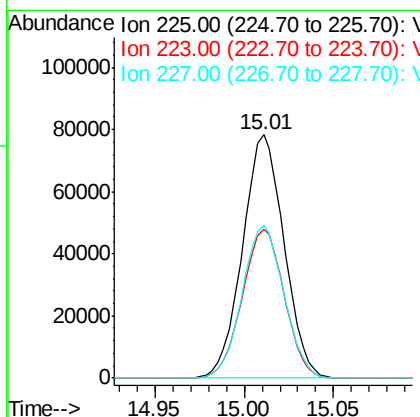
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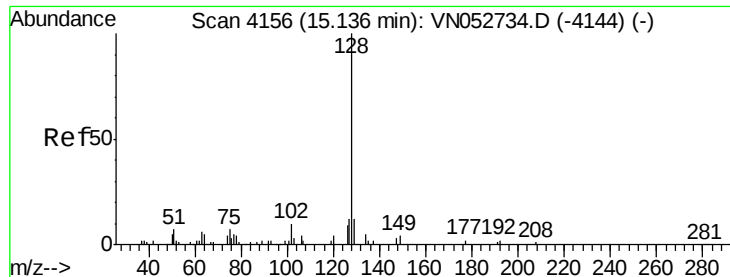
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#90
 Hexachlorobutadiene
 Concen: 21.114 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052738.D
 Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	125.6
227	63.0	0.0	127.8





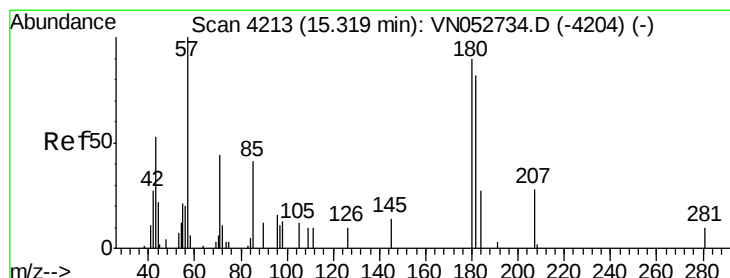
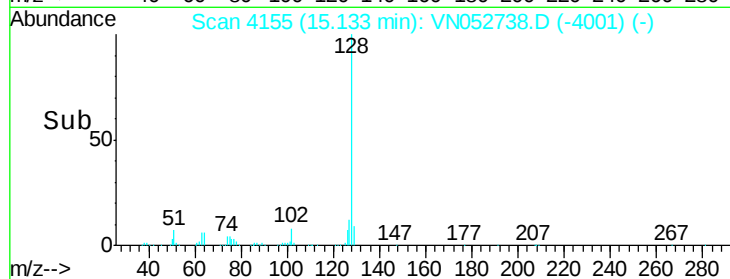
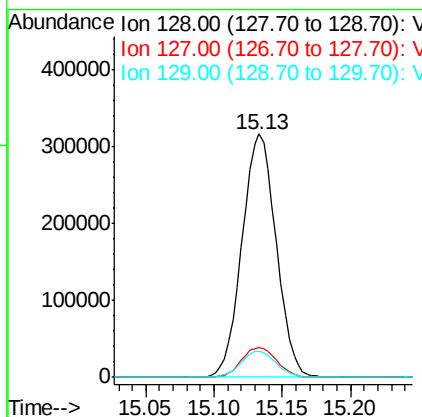
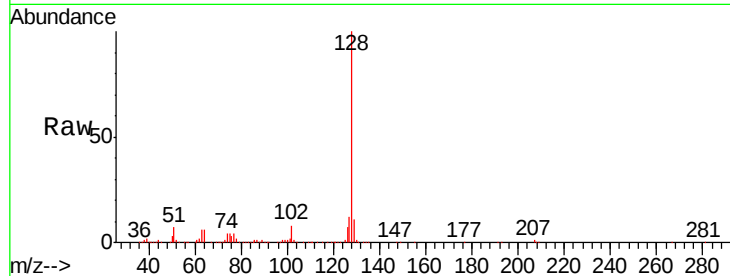
#91
Naphthalene
Concen: 29.497 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	548323		
127	12.6	9.9	14.9	
129	10.9	8.5	12.7	

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#92
1,2,3-Trichlorobenzene
Concen: 26.724 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052738.D
Acq: 7 Dec 2018 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226706		
182	95.1	0.0	196.2	
145	30.5	0.0	62.2	

