

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052198.D
 Acq On : 7 Nov 2018 10:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:13:46 AM

Quant Time: Nov 07 10:33:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59463	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.58	114	358489	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	315731	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	132500	30.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.07%
60) 4-Bromofluorobenzene	12.40	95	139617	27.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.13%
63) Toluene-d8	10.09	98	448144	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	86168	21.697	ug/l 97
3) Chloromethane	2.06	50	94564	20.834	ug/l 100
4) Vinyl Chloride	2.19	62	90414	20.306	ug/l 99
5) Bromomethane	2.57	94	58787	19.343	ug/l 96
6) Chloroethane	2.71	64	52305	18.371	ug/l 97
7) Trichlorofluoromethane	3.02	101	122869	20.377	ug/l 97
8) Diethyl Ether	3.41	74	39852	19.575	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	74568	21.159	ug/l 97
10) 1,1-Dichloroethene	3.74	96	65951	20.056	ug/l 91
11) Methyl Iodide	3.96	142	94020	19.775	ug/l 96
12) Methyl Acetate	4.32	43	54171	19.572	ug/l 100
13) Acrolein	3.61	56	25088	85.456	ug/l 100
14) Acrylonitrile	4.98	53	118243m	96.333	ug/l
15) Acetone	3.82	58	33907	116.882	ug/l 75
16) Carbon Disulfide	4.06	76	192992	19.877	ug/l 99
17) Allyl chloride	4.32	41	108392	19.414	ug/l 96
18) Methylene Chloride	4.55	84	79300	19.538	ug/l 94
19) trans-1,2-Dichloroethene	5.05	96	70001	19.429	ug/l 92
20) Diisopropyl ether	5.95	45	246490	20.317	ug/l 99
21) 1,1-Dichloroethane	5.85	63	140788	19.857	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	84101	19.989	ug/l 100
23) tert-Butyl Alcohol	4.78	59	19516m	102.049	ug/l
24) Methyl tert-Butyl Ether	5.04	73	175303	18.804	ug/l # 71
25) Chloroform	7.37	83	139856	19.644	ug/l 92
26) Cyclohexane	7.65	56	127090	19.995	ug/l 94
29) 1,1-Dichloropropene	7.79	75	106666	18.741	ug/l 98
30) 2-Butanone	6.83	43	162334m	107.102	ug/l
31) 2,2-Dichloropropane	6.82	77	108758	18.550	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	118710	18.641	ug/l 98
33) Carbon Tetrachloride	7.78	117	104158	18.391	ug/l 100
34) Benzene	8.04	78	319580	19.177	ug/l 99
35) Methacrylonitrile	7.20	41	50562m	24.321	ug/l
36) 1,2-Dichloroethane	8.12	62	101986	18.303	ug/l # 90
37) Trichloroethene	8.84	130	82132	19.691	ug/l 95
38) Methylcyclohexane	9.08	83	131014	18.870	ug/l 98
39) 1,2-Dichloropropane	9.12	63	84728	19.099	ug/l 96
40) Dibromomethane	9.21	93	51789	18.940	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	103309	18.465	ug/l	96
42) Vinyl Acetate	5.90	43	809955	91.280	ug/l	99
43) Ethyl Acetate	6.83	43	159359	20.921	ug/l #	86
44) Isopropyl Acetate	8.16	43	116201	18.425	ug/l	96
45) 1,4-Dioxane	9.20	88	11155	387.727	ug/l #	84
46) Methyl methacrylate	9.20	41	56188	17.898	ug/l	94
47) n-amyl Acetate	12.07	43	96146	16.819	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	101119	18.202	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	117808	18.372	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	69255	19.153	ug/l	98
51) Ethyl methacrylate	10.43	69	83562	17.882	ug/l	97
52) 1,3-Dichloropropane	10.71	76	114500	18.180	ug/l	99
53) Dibromochloromethane	10.90	129	74148	18.995	ug/l	95
54) 1,2-Dibromoethane	11.00	107	65642	17.903	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	224203	87.615	ug/l	99
56) Bromoform	12.13	173	36921	16.376	ug/l #	89
58) 4-Methyl-2-Pentanone	9.98	43	309419	91.457	ug/l	99
59) 2-Hexanone	10.75	43	240279	103.148	ug/l	98
61) Tetrachloroethene	10.63	164	72379	21.079	ug/l	92
62) Toluene	10.15	91	345377	19.487	ug/l	99
64) Chlorobenzene	11.43	112	213030	18.965	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	73915	19.333	ug/l	99
66) Ethyl Benzene	11.51	91	379127	19.803	ug/l	98
67) m/p-Xylenes	11.62	106	281407	38.179	ug/l	98
68) o-Xylene	11.95	106	136504	19.425	ug/l	97
69) Styrene	11.96	104	217354	19.194	ug/l	97
70) Isopropylbenzene	12.25	105	361817	19.180	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	77942	18.784	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	59476m	16.302	ug/l	
73) Bromobenzene	12.52	156	83237	19.913	ug/l	87
74) n-propylbenzene	12.59	91	419565	19.099	ug/l	99
75) 2-Chlorotoluene	12.67	91	240462	18.986	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	288498	19.072	ug/l	96
77) t-1,4-Dichloro-2-butene	12.30	75	17822	15.612	ug/l	91
78) 4-Chlorotoluene	12.77	91	241806	18.959	ug/l	97
79) tert-butylbenzene	12.99	119	253777	19.259	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	285389	18.938	ug/l	97
81) sec-Butylbenzene	13.17	105	357636	19.722	ug/l	99
82) p-Isopropyltoluene	13.29	119	303357	19.795	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	148122	20.033	ug/l	96
84) 1,4-Dichlorobenzene	13.36	146	142515	19.471	ug/l	96
85) n-Butylbenzene	13.61	91	253011	19.075	ug/l	99
86) Hexachloroethane	13.87	117	47457	18.351	ug/l	90
87) 1,2-Dichlorobenzene	13.65	146	137447	19.566	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10167	17.919	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	56901	19.954	ug/l	99
90) Hexachlorobutadiene	15.01	225	34783	22.295	ug/l	99
91) Naphthalene	15.13	128	123788	18.834	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	50382	20.272	ug/l	96

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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

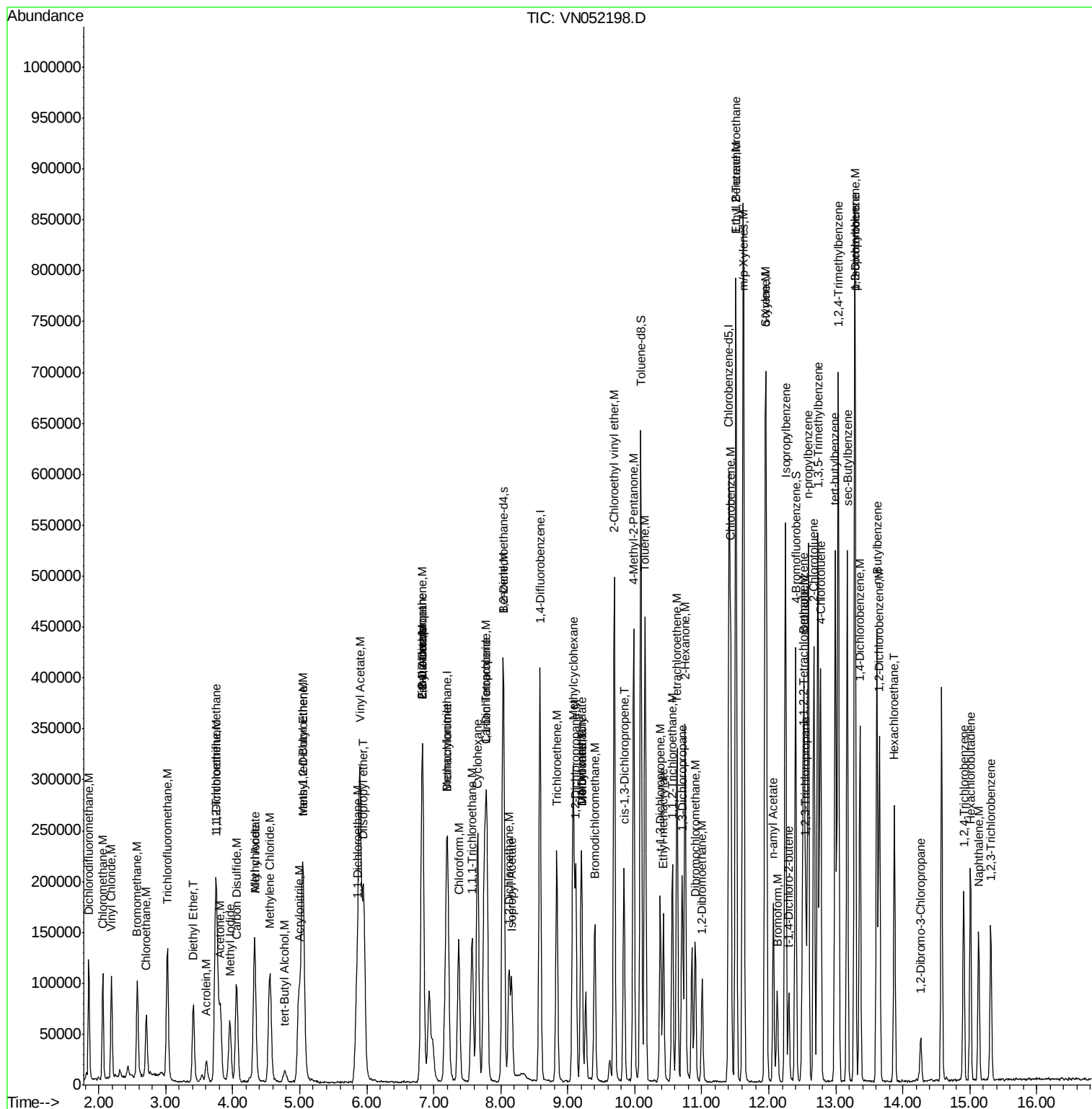
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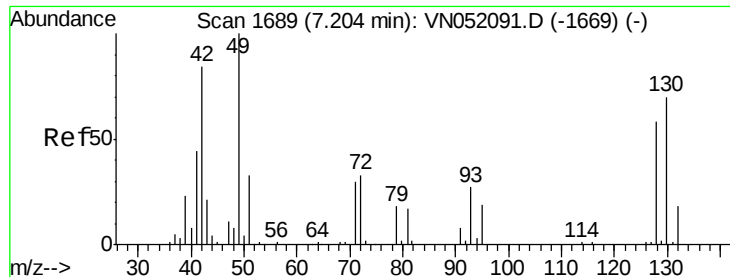
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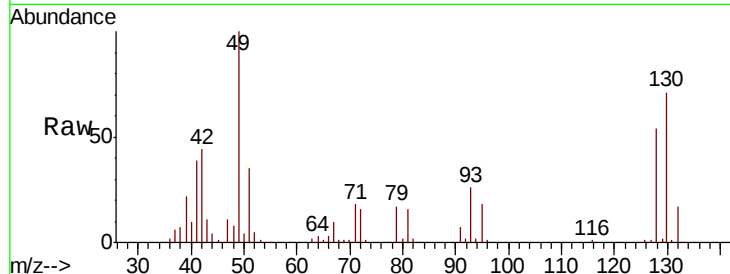
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	181.2	0.0	453.7
130	127.3	0.0	308.8

Manual Integrations
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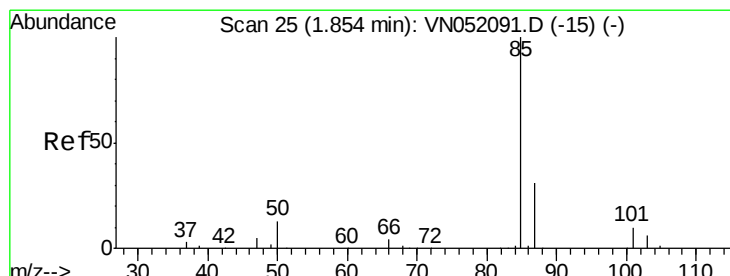
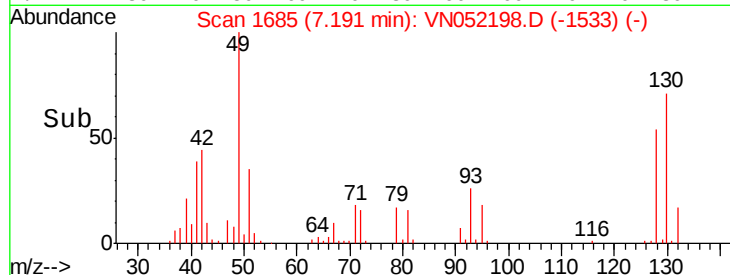
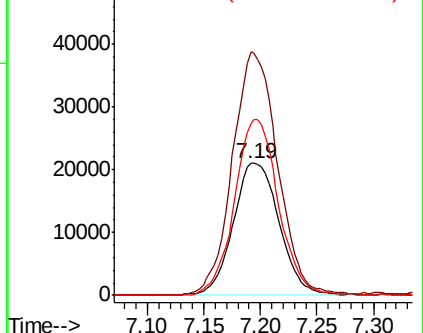


Abundance

Ion 128.00 (127.70 to 128.70): V

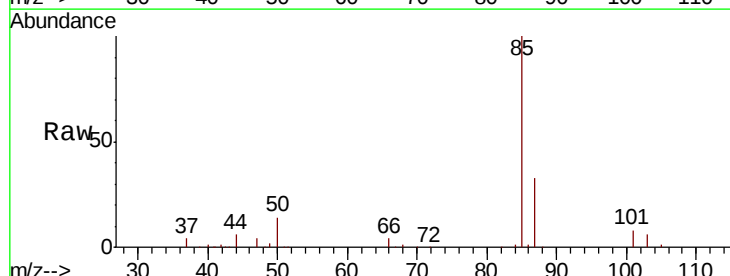
Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2
Dichlorodifluoromethane
Concen: 21.697 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

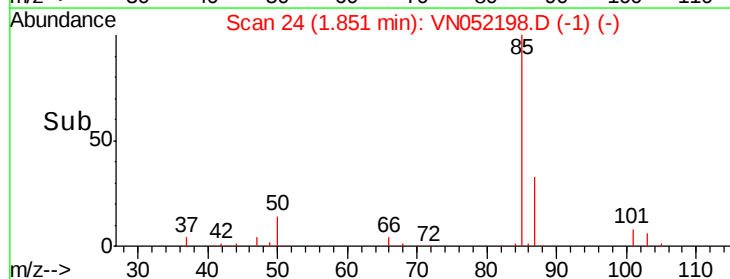
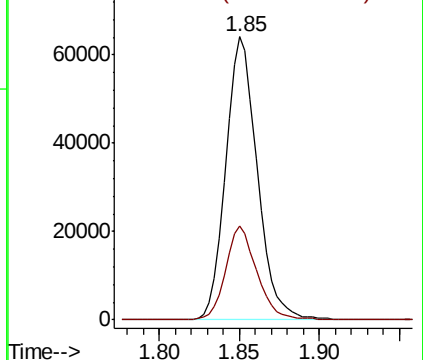
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1

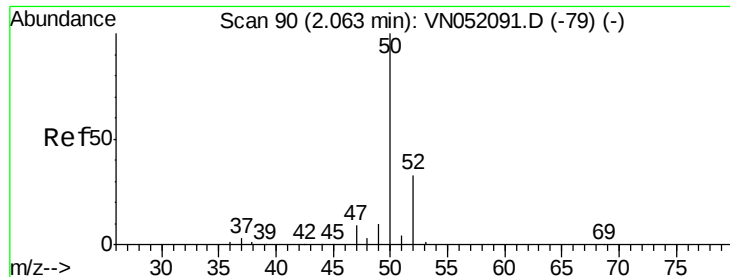


Abundance

Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 20.834 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 50 Resp: 94564

Ion Ratio Lower Upper

50 100

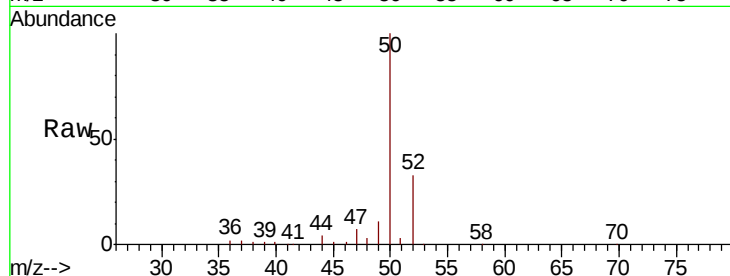
52 33.0 26.5 39.7

Manual Integrations

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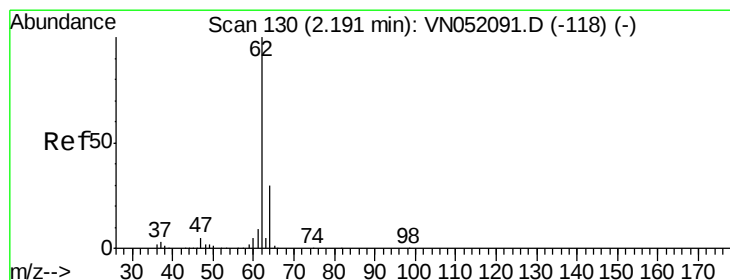
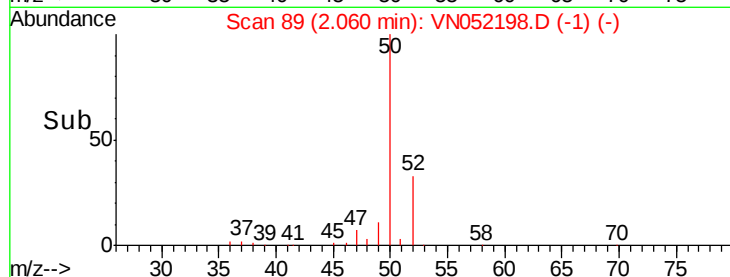
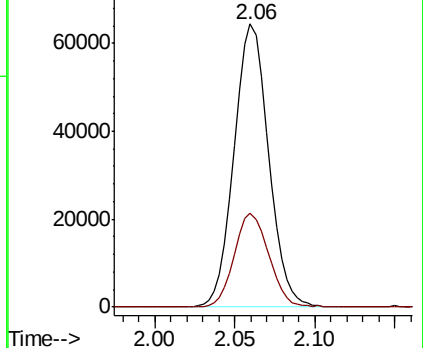
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.306 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052198.D

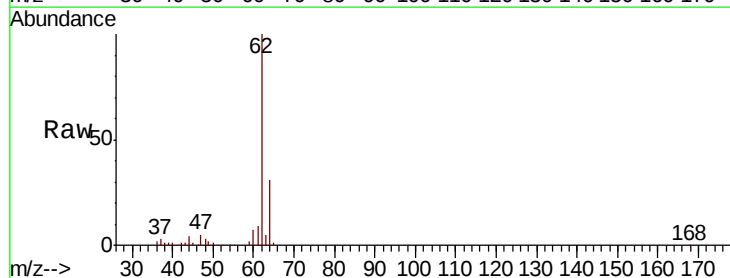
Acq: 7 Nov 2018 10:12

Tgt Ion: 62 Resp: 90414

Ion Ratio Lower Upper

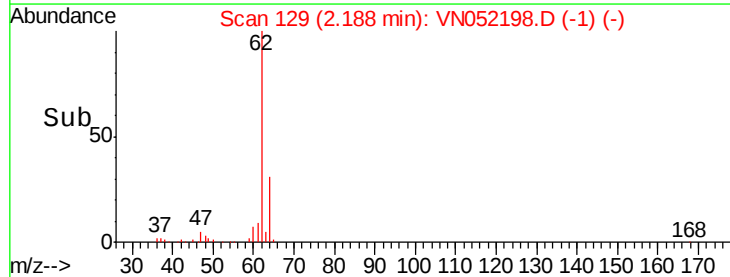
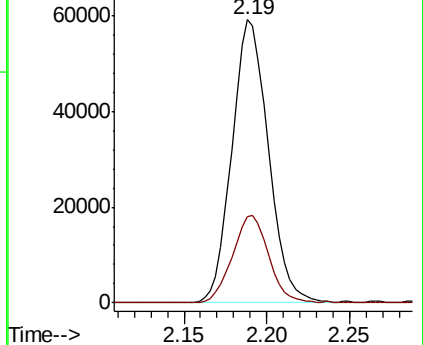
62 100

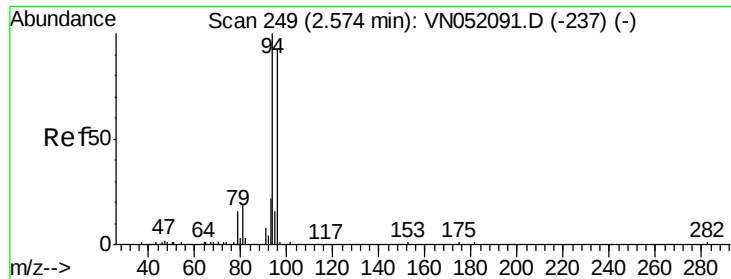
64 30.6 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.343 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

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Tot Ion: 94 Resp: 58787

Ion Ratio Lower Upper

94 100

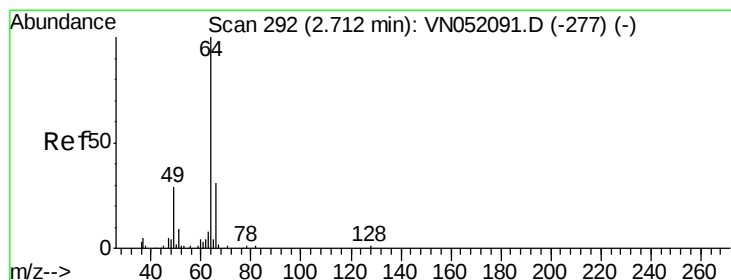
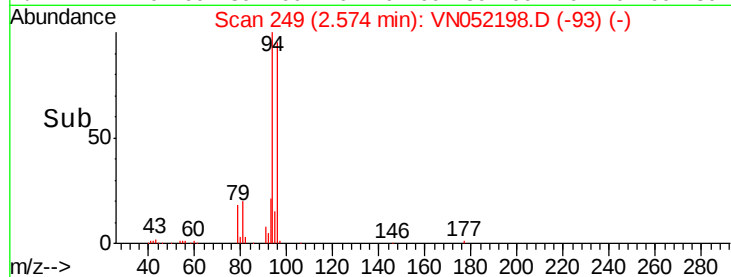
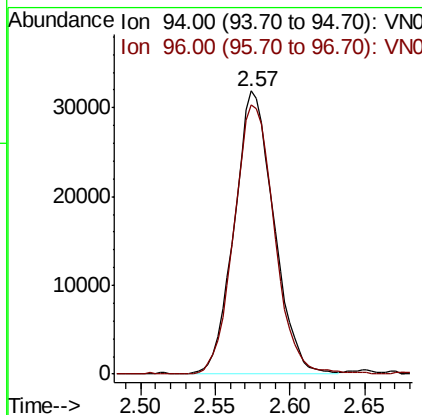
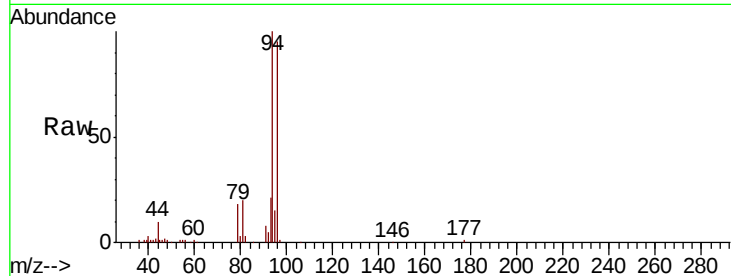
96 95.2 73.4 110.0

Manual Integrations

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#6

Chloroethane

Concen: 18.371 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052198.D

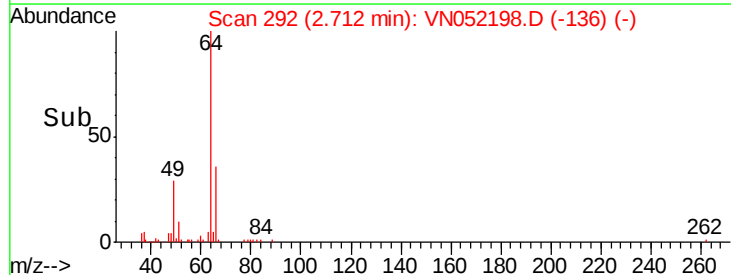
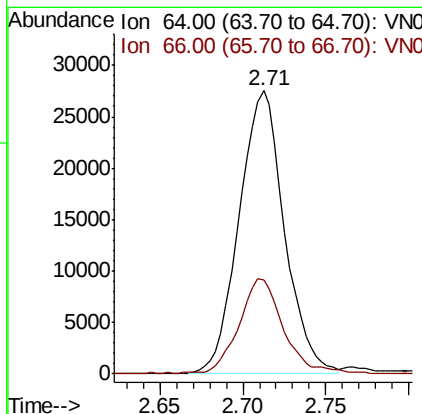
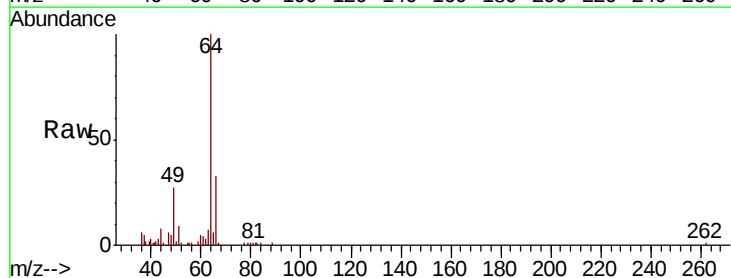
Acq: 7 Nov 2018 10:12

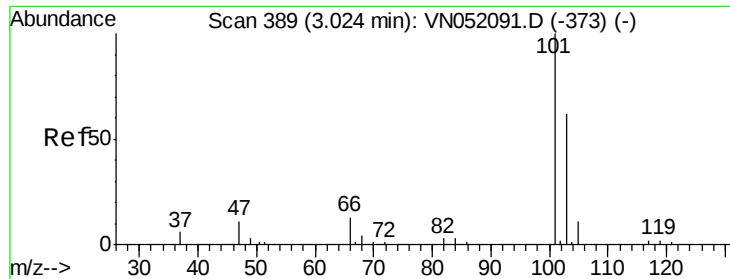
Tgt Ion: 64 Resp: 52305

Ion Ratio Lower Upper

64 100

66 32.5 24.7 37.1





#7

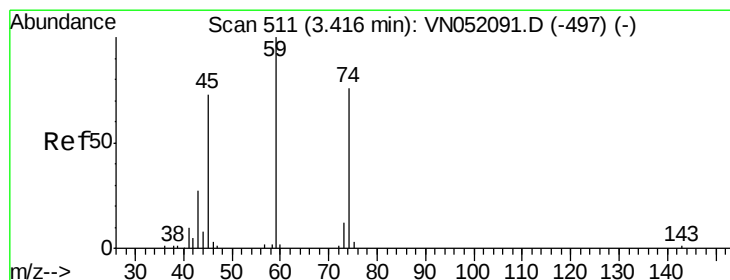
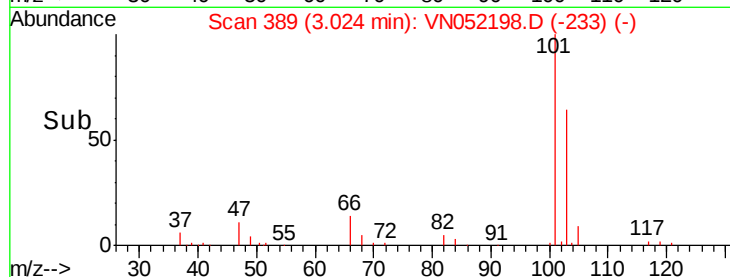
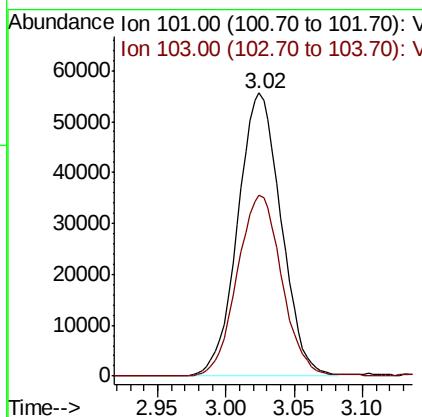
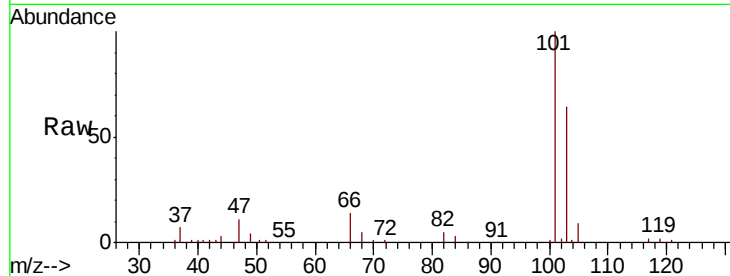
Trichlorofluoromethane
 Concen: 20.377 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	122869		
103	103	63.8		49.5	74.3

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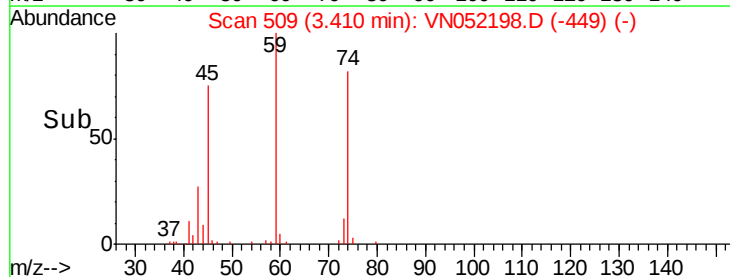
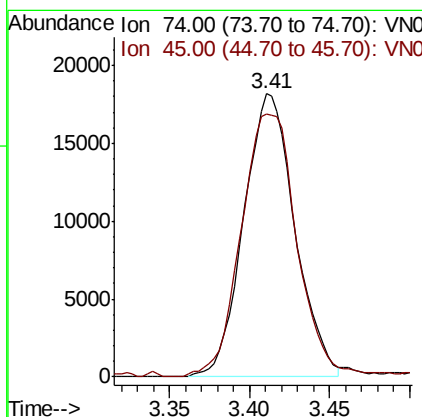
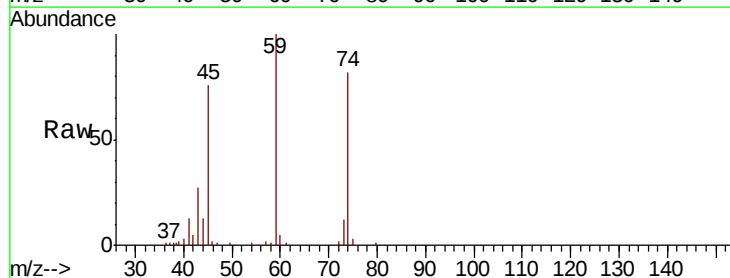
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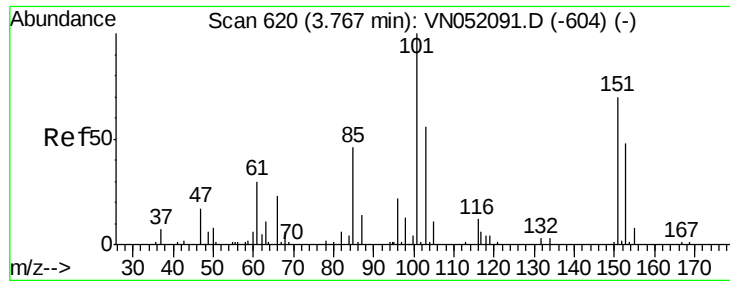


#8

Diethyl Ether
 Concen: 19.575 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	74	100	39852		
45	45	100.3		19.4	174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.159 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

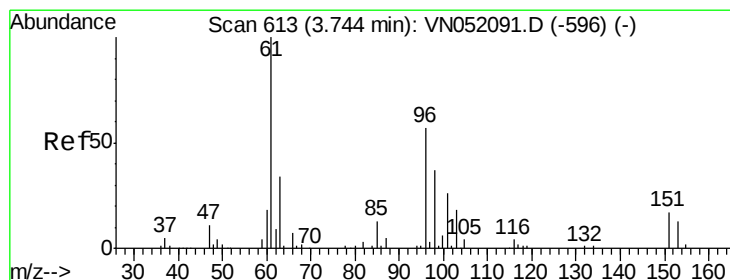
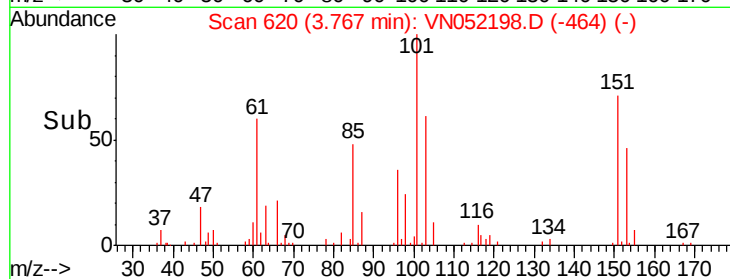
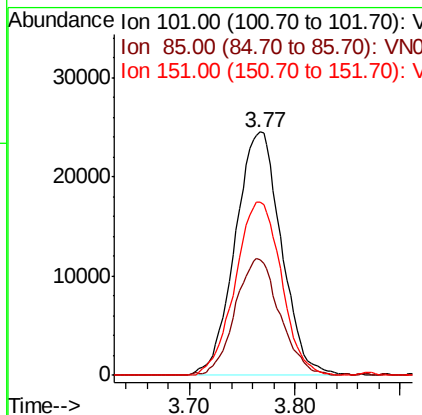
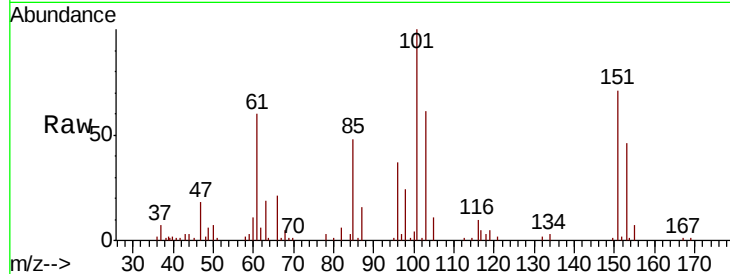
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	74568		
85	46.3	0.0	98.0	
151	71.1	0.0	139.6	

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#10

1,1-Dichloroethene

Concen: 20.056 ug/l

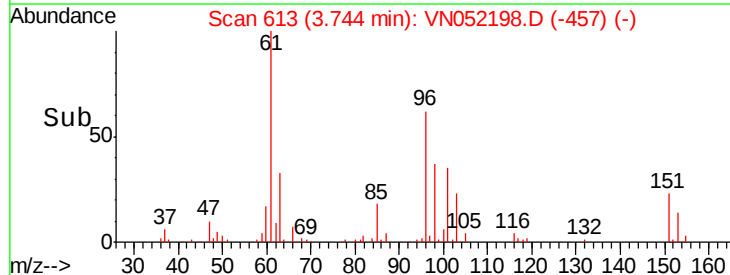
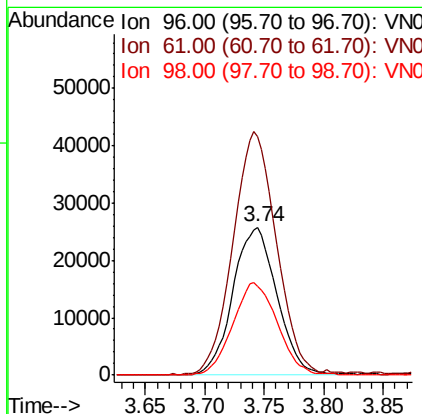
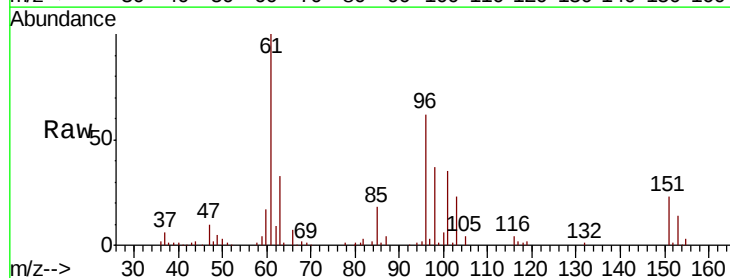
RT: 3.74 min Scan# 613

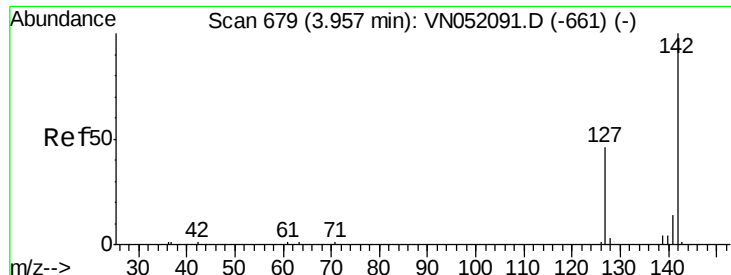
Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	65951		
61	160.8	140.3	210.5	
98	60.2	52.0	78.0	





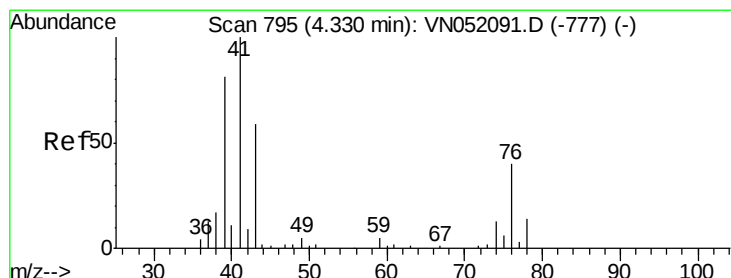
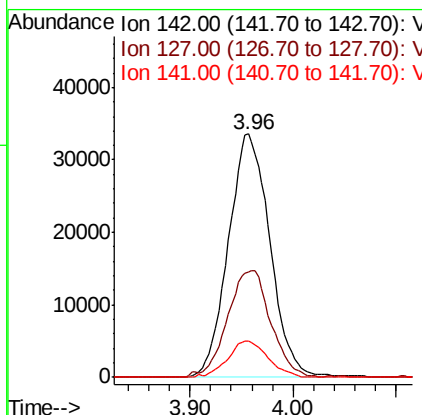
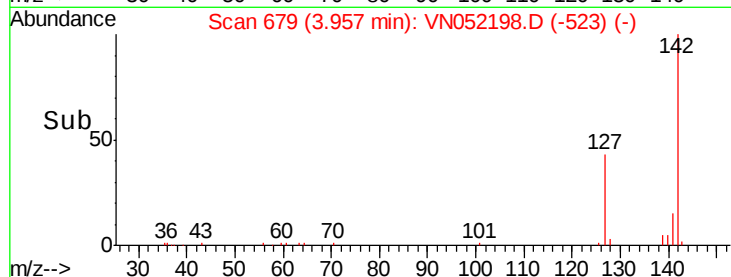
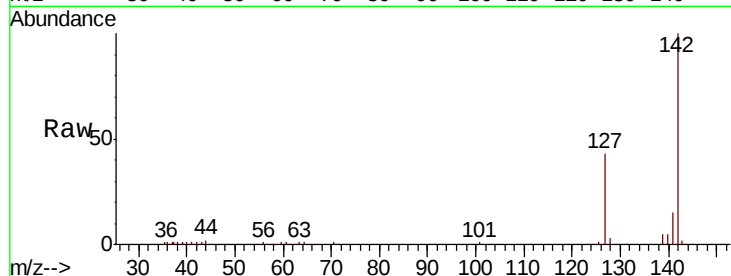
#11
Methvl Iodide
Concen: 19.775 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.9	23.1	69.2
141	14.8	7.0	20.9

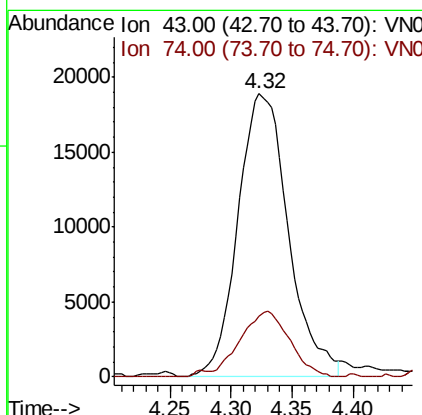
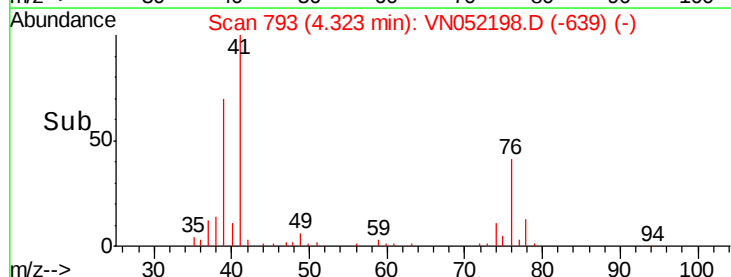
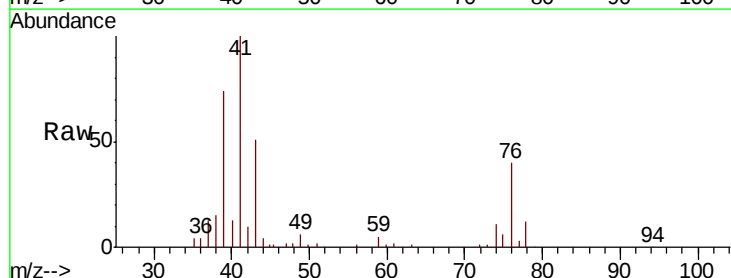
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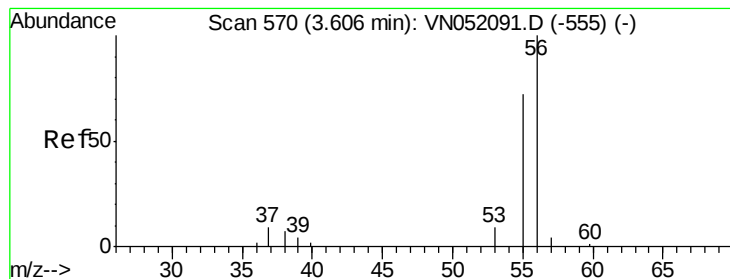
MMDadoda
11/8/2018 9:13:46 AM



#12
Methyl Acetate
Concen: 19.572 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





#13

Acrolein

Concen: 85.456 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 25088

Ion Ratio Lower Upper

56 100

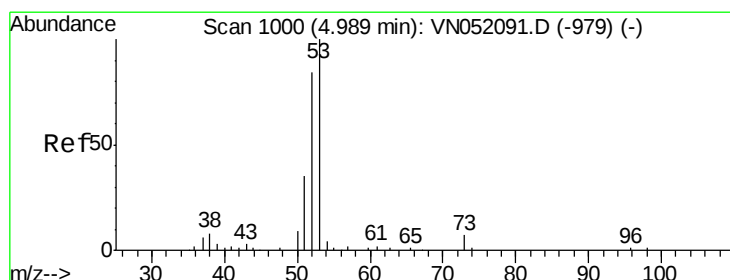
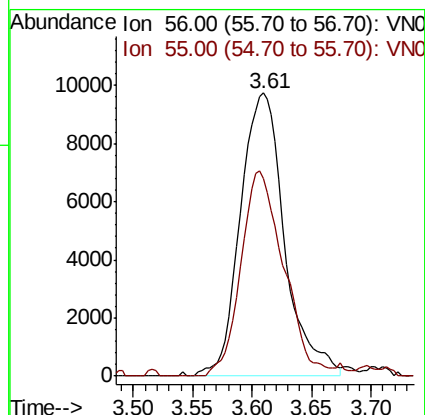
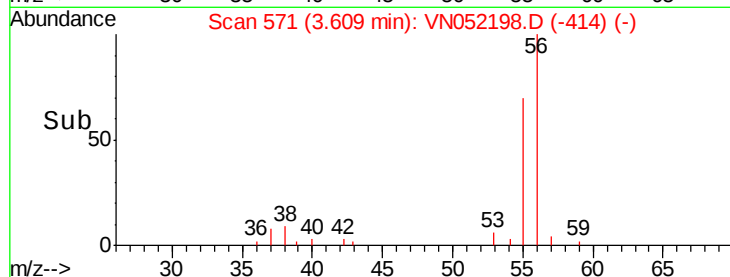
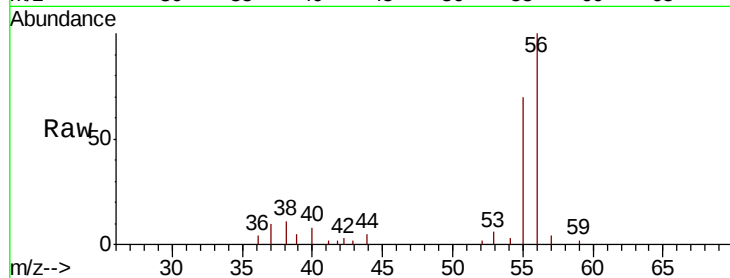
55 70.3 56.2 84.2

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#14

Acrylonitrile

Concen: 96.333 ug/l m

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

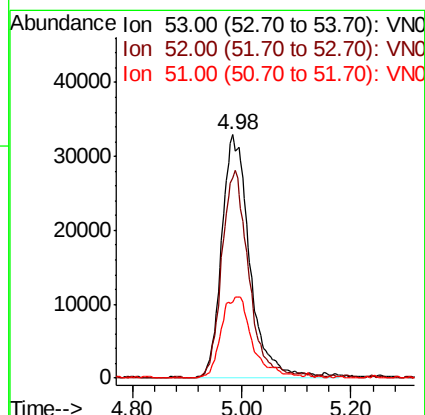
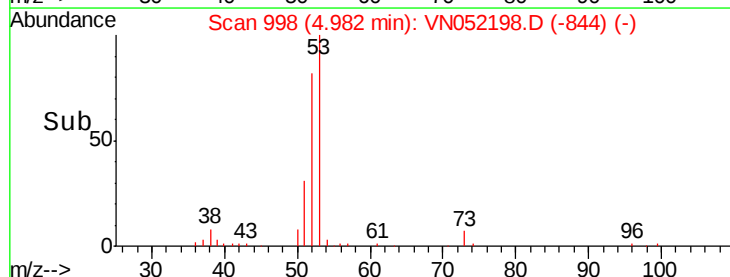
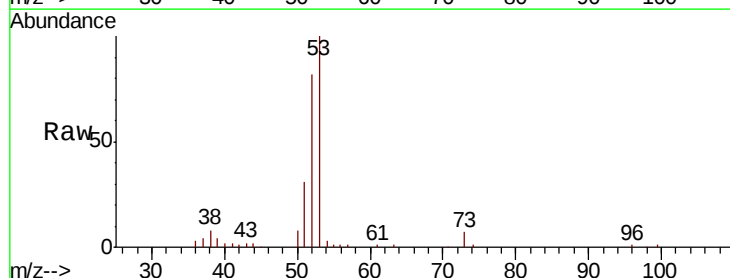
Tgt Ion: 53 Resp: 118243

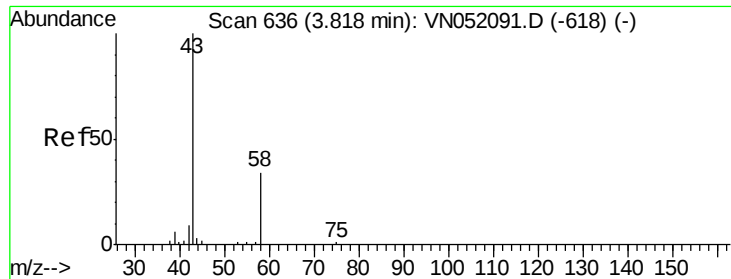
Ion Ratio Lower Upper

53 100

52 79.1 41.3 124.1

51 12.4 18.6 55.6#





#15

Acetone

Concen: 116.882 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 33907

Ion Ratio Lower Upper

58 100

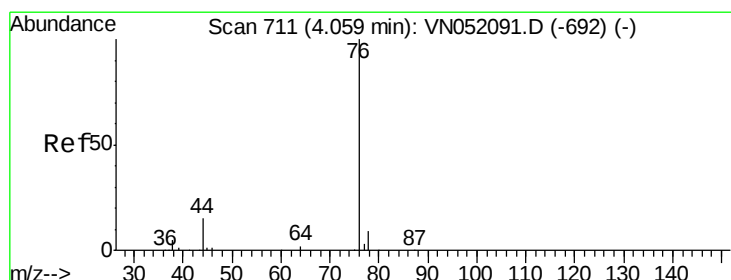
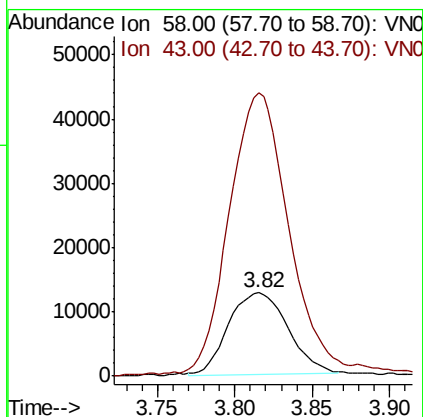
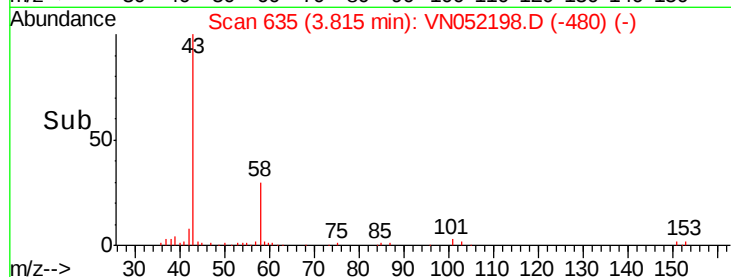
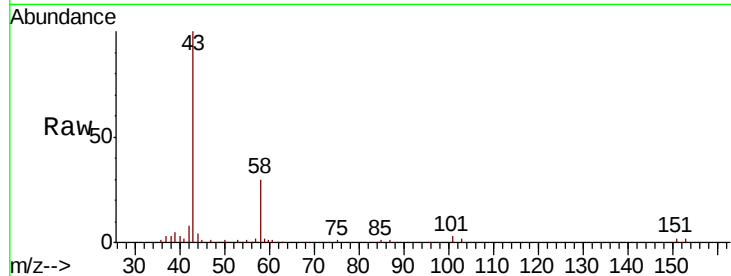
43 340.9 234.7 352.1

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#16

Carbon Disulfide

Concen: 19.877 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052198.D

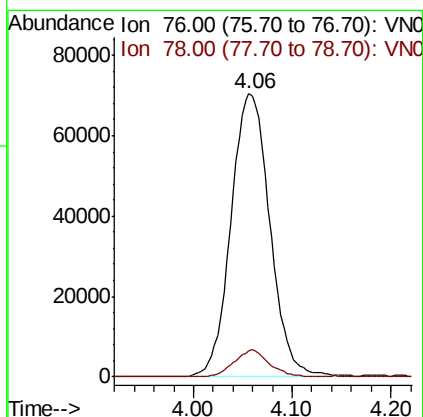
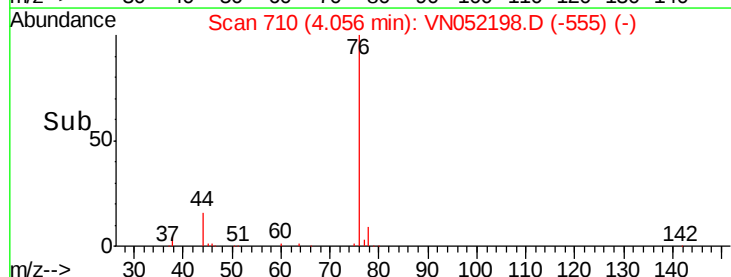
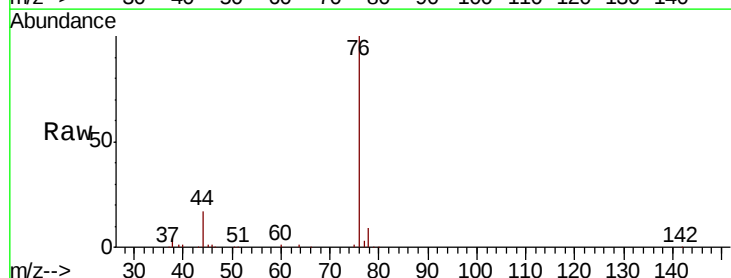
Acq: 7 Nov 2018 10:12

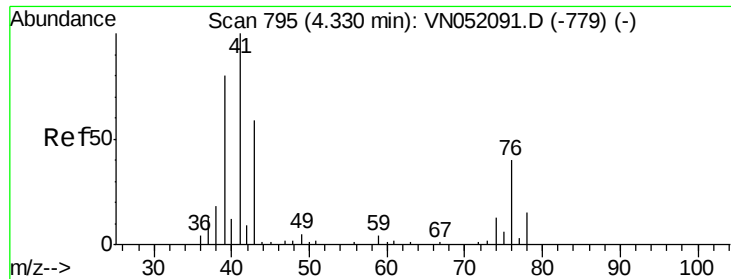
Tgt Ion: 76 Resp: 192992

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6





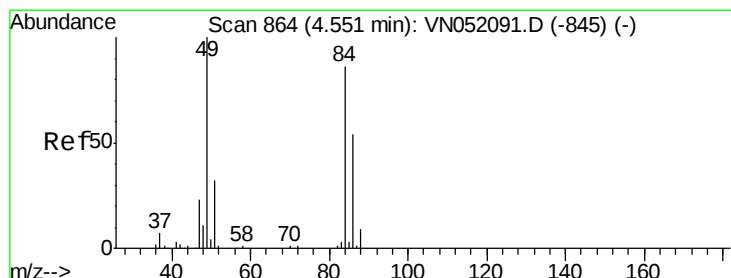
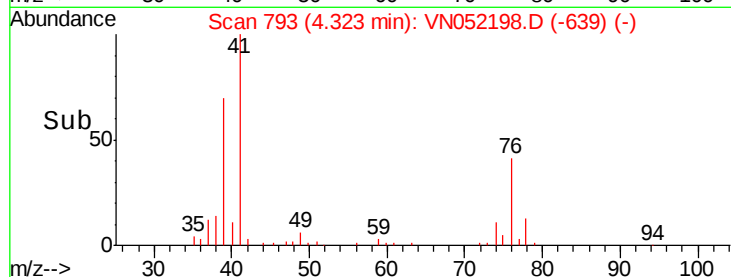
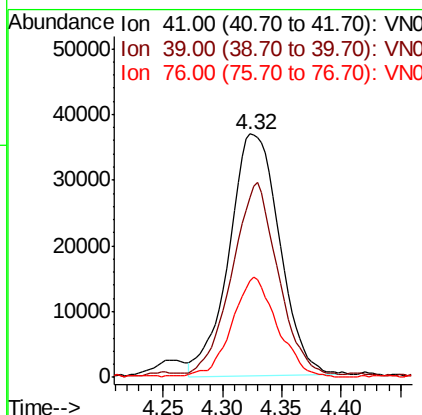
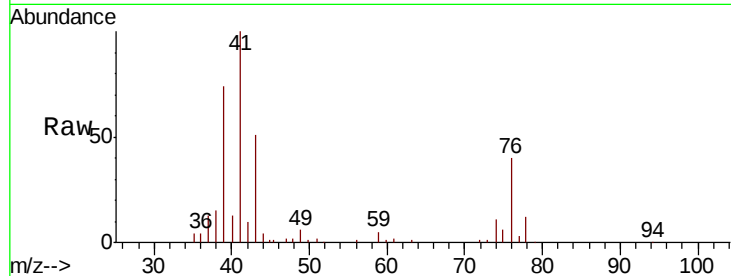
#17
Allvl chloride
Concen: 19.414 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	74.2		38.4	115.1
76	40.8		18.8	56.3

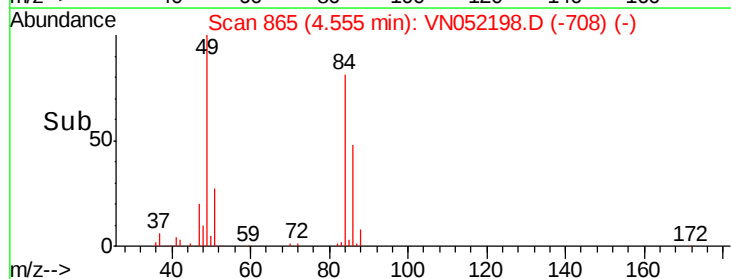
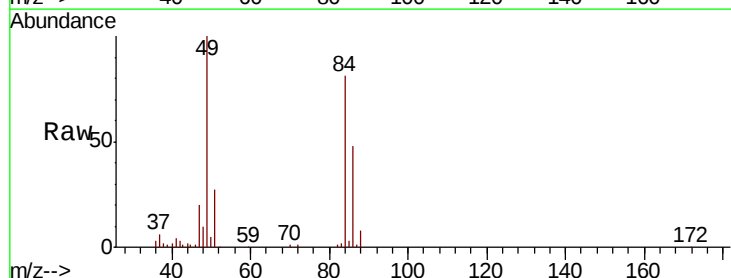
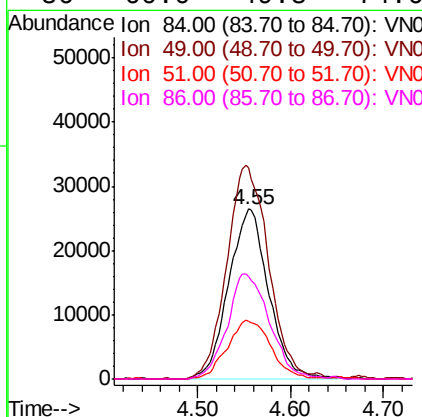
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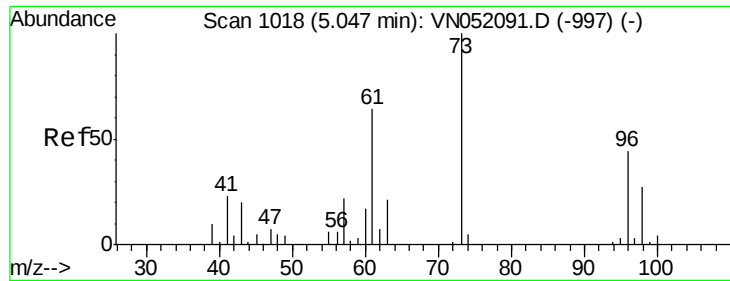
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#18
Methylene Chloride
Concen: 19.538 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	123.4		92.6	138.8
51	33.8		29.7	44.5
86	60.0		49.8	74.6





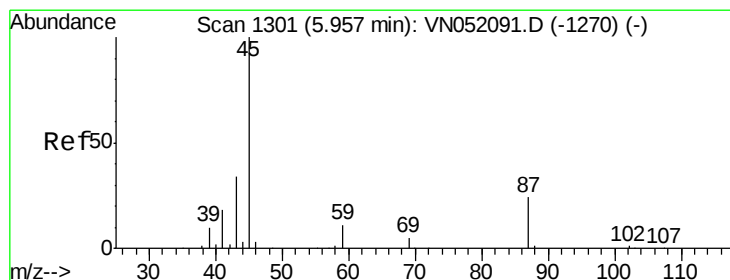
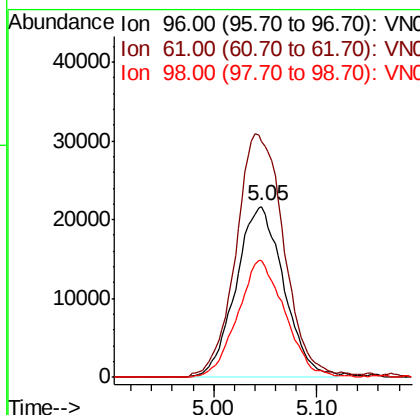
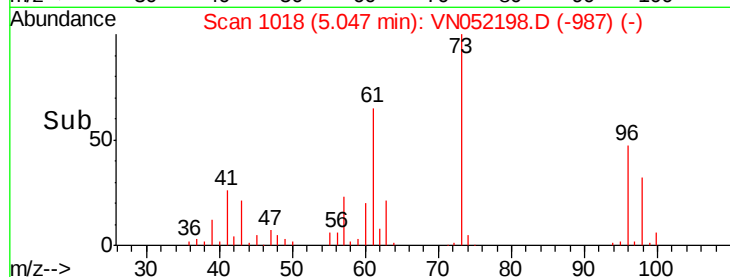
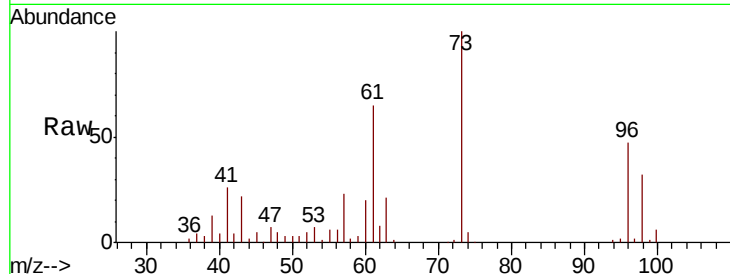
#19
trans-1,2-Dichloroethene
Concen: 19.429 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	117.8	176.6
98	68.6	49.3	73.9

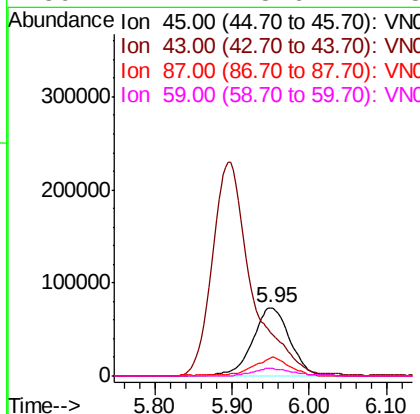
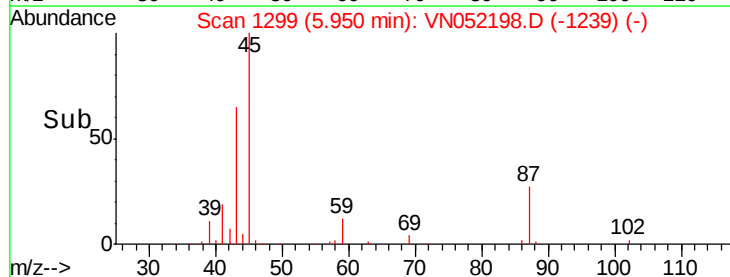
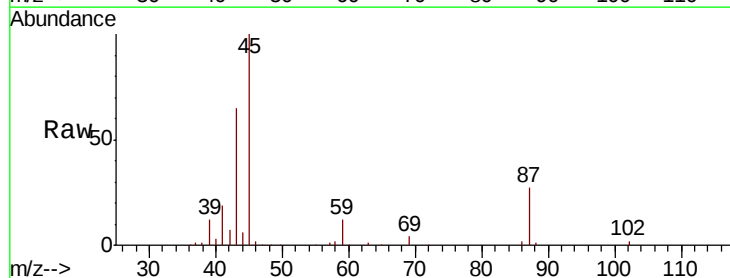
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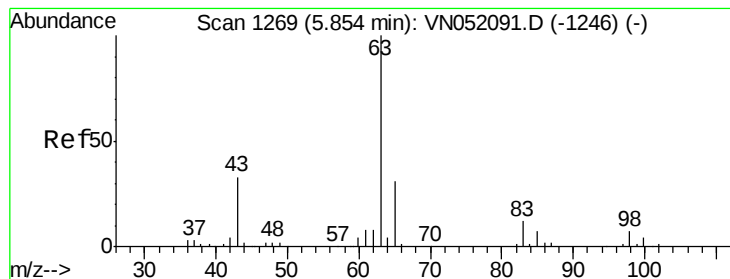
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#20
Diisopropyl ether
Concen: 20.317 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.3	49.4	74.0
87	26.3	20.3	30.5
59	11.4	8.6	12.8





#21

1,1-Dichloroethane

Concen: 19.857 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

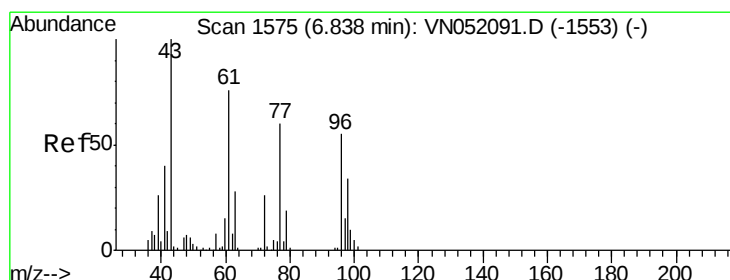
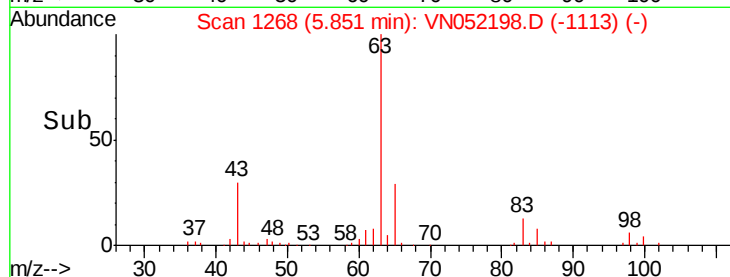
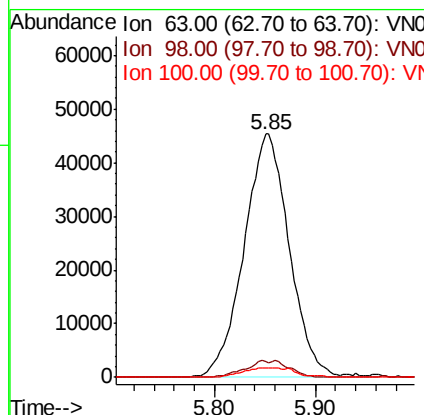
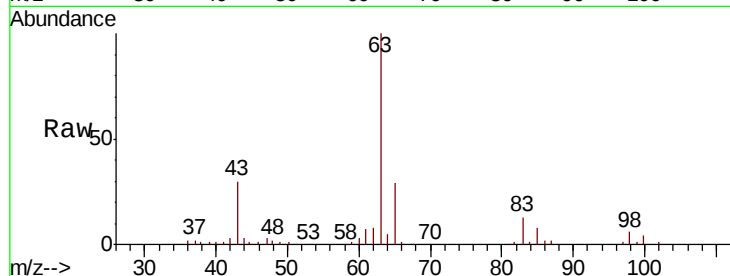
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	140788
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	4.0	2.0	5.8

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#22

cis-1,2-Dichloroethene

Concen: 19.989 ug/l

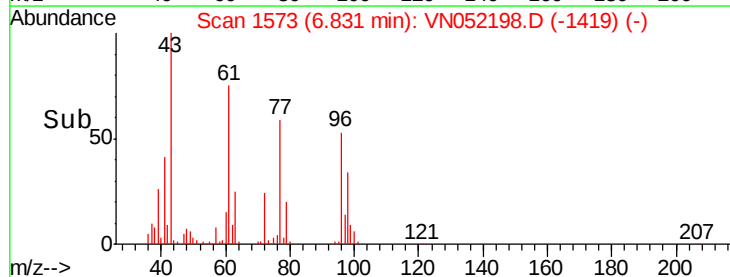
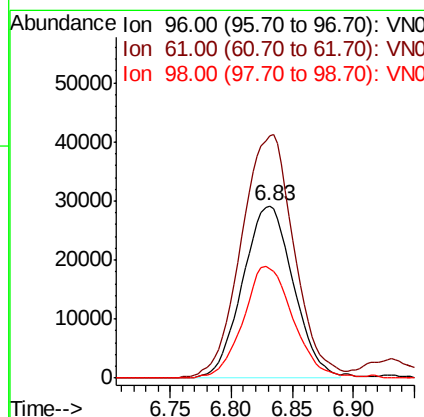
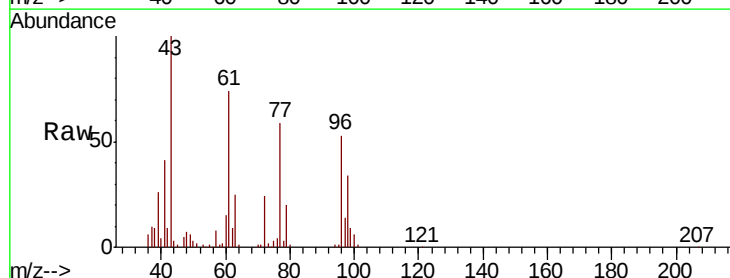
RT: 6.83 min Scan# 1573

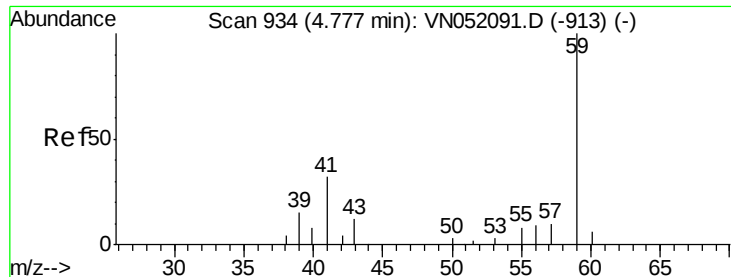
Delta R.T. -0.01 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion:	96	Resp:	84101
Ion	Ratio	Lower	Upper
96	100		
61	147.6	117.6	176.4
98	63.7	51.0	76.4





#23

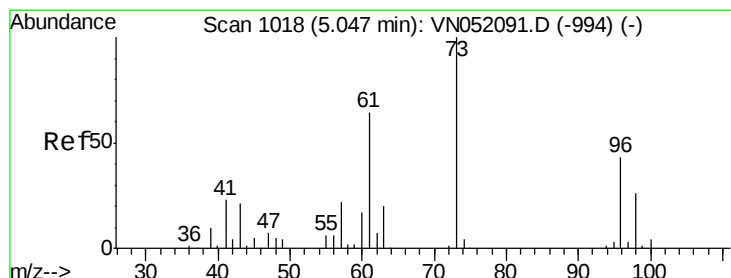
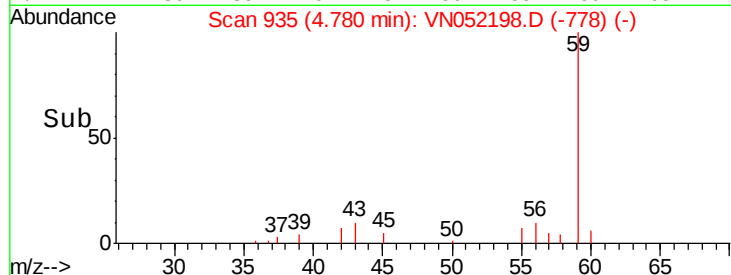
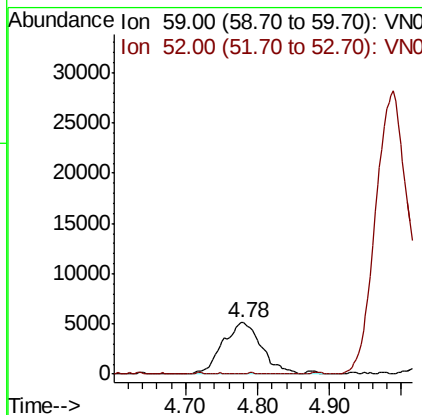
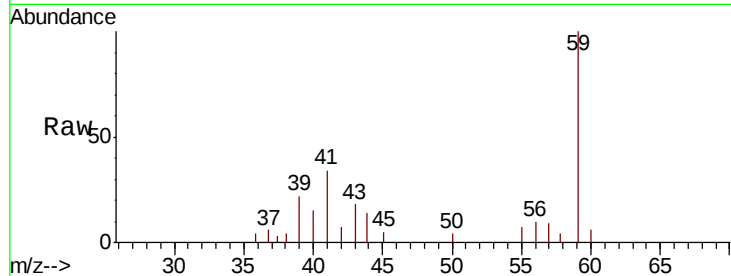
tert-Butyl Alcohol
 Concen: 102.049 ug/l m
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 59 Resp: 19516
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.3 0.5#

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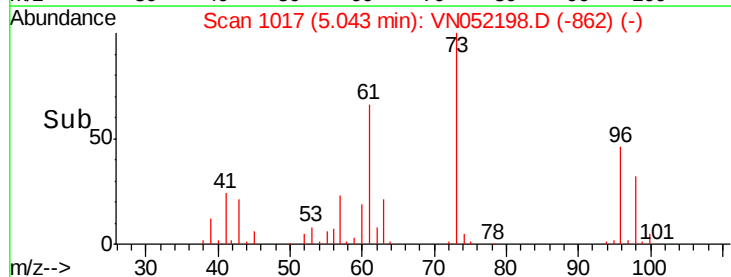
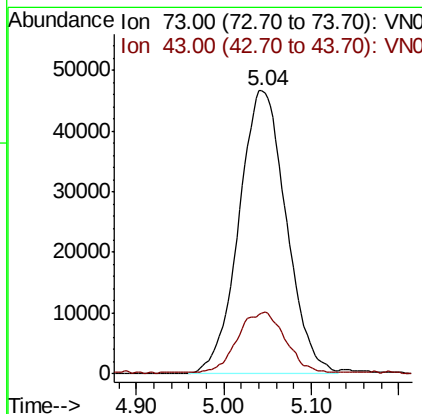
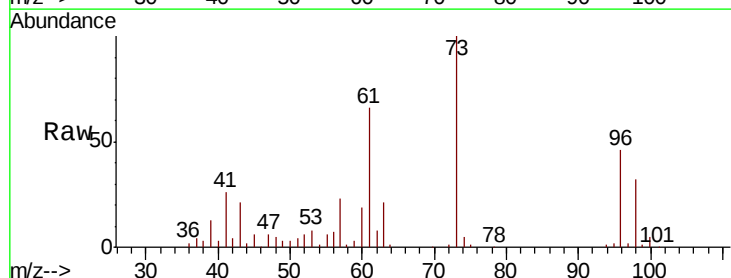
MMDadoda
 11/8/2018 9:13:46 AM

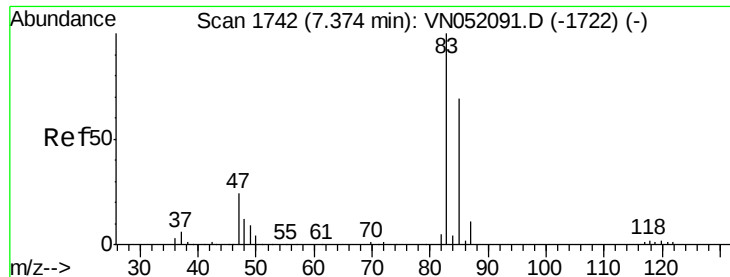


#24

Methyl tert-Butyl Ether
 Concen: 18.804 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion: 73 Resp: 175303
 Ion Ratio Lower Upper
 73 100
 43 8.1 17.4 26.2#





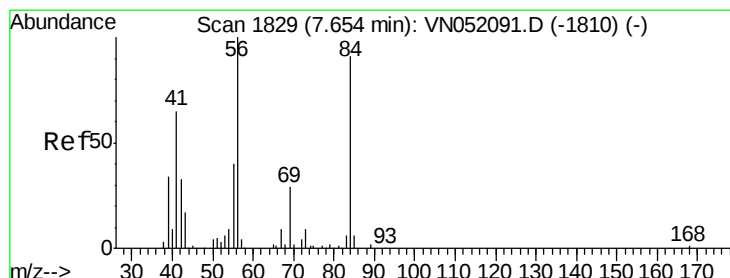
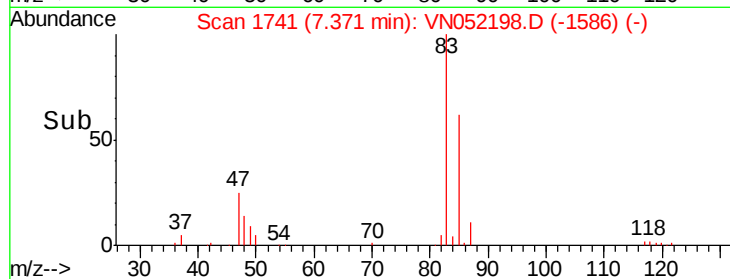
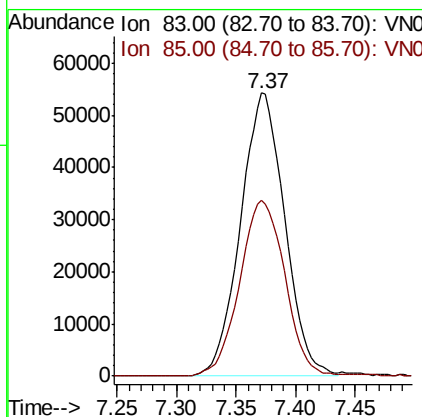
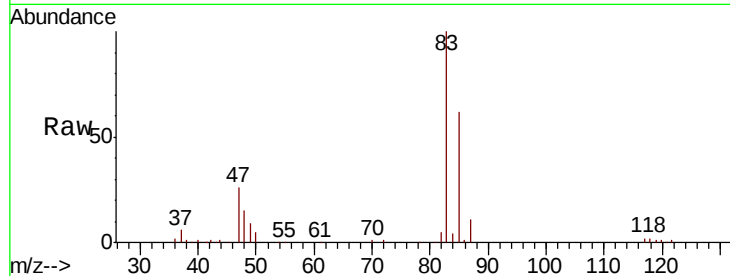
#25
Chloroform
Concen: 19.644 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	139856
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	54.9	82.3

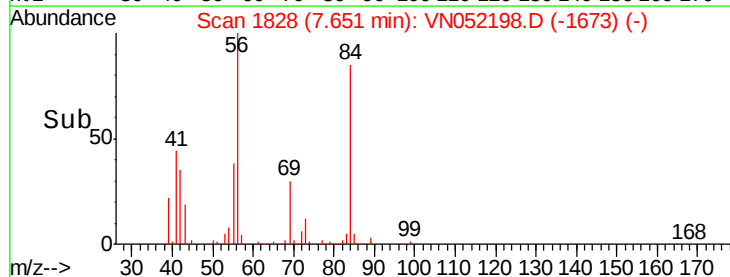
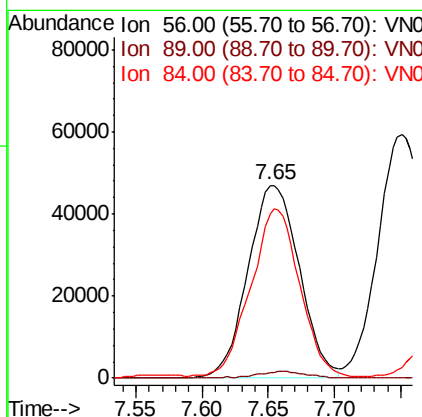
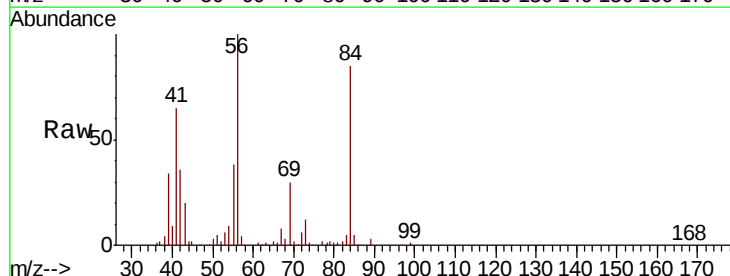
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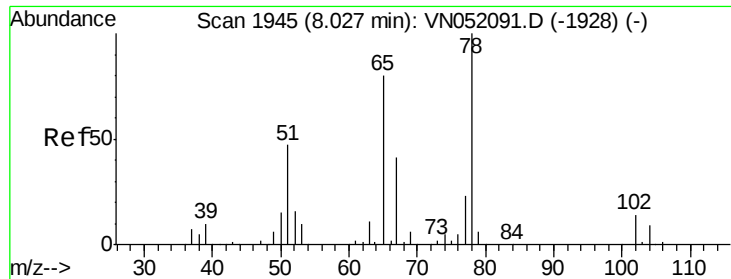
MMDadoda
11/8/2018 9:13:46 AM



#26
Cyclohexane
Concen: 19.995 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	56	Resp	127090
Ion Ratio	100	Lower	Upper
56	100		
89	3.2	2.2	3.2
84	82.8	71.0	106.6





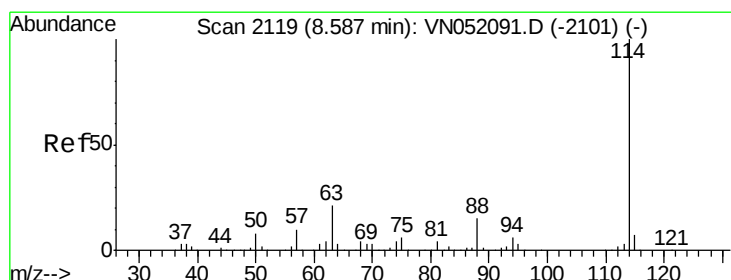
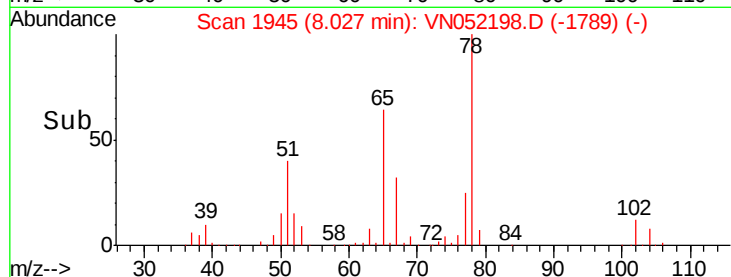
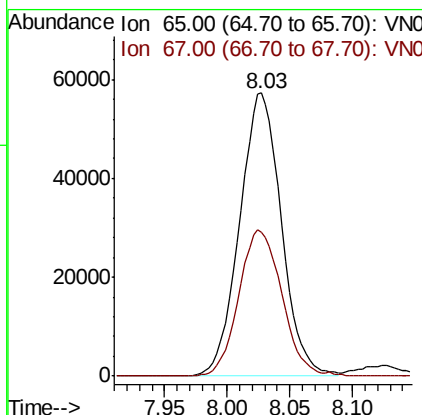
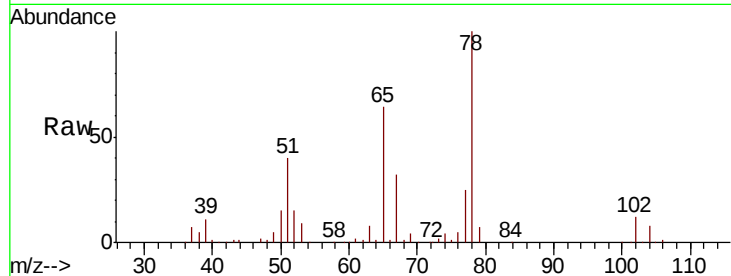
#27
 1,2-Dichloroethane-d4
 Concen: 19.995 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	42.6	64.0

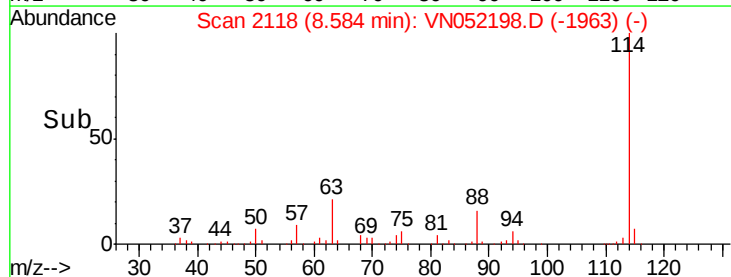
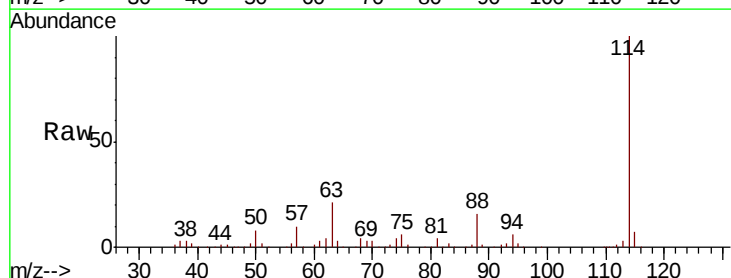
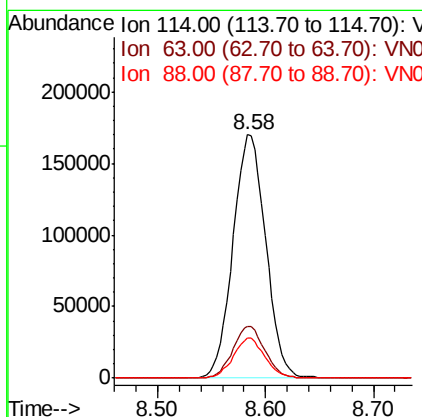
Manual Integrations
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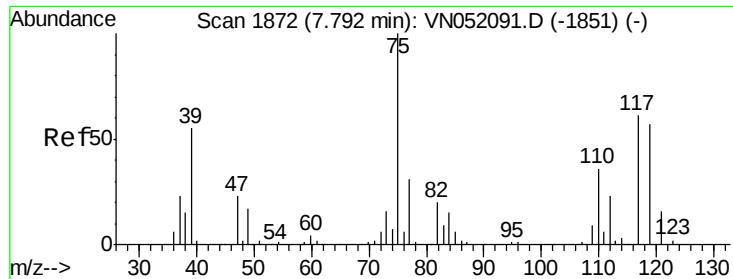
MMDadoda
 11/8/2018 9:13:46 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	17.5	26.3
88	15.9	12.6	18.8





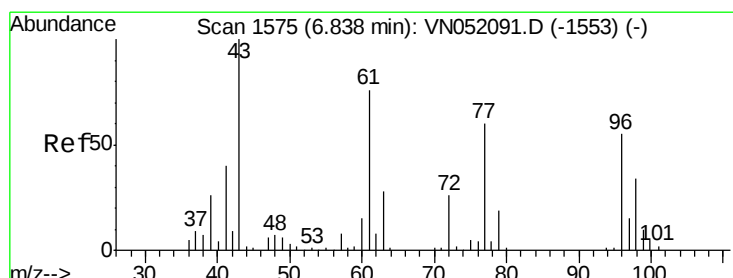
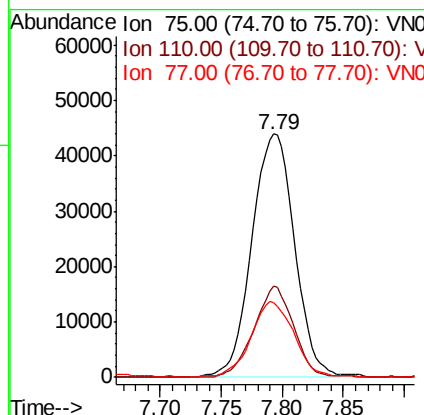
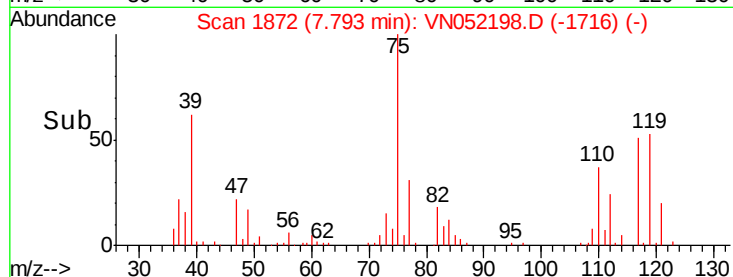
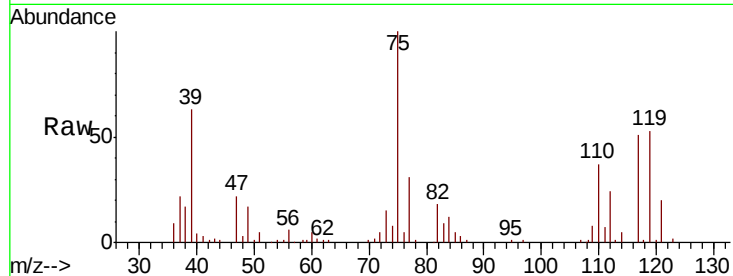
#29
 1,1-Dichloropropene
 Concen: 18.741 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.6	0.0	67.6
77	31.4	0.0	60.2

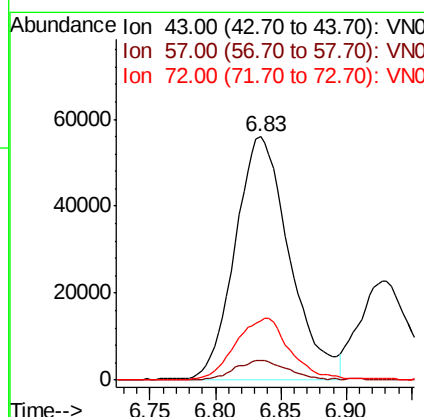
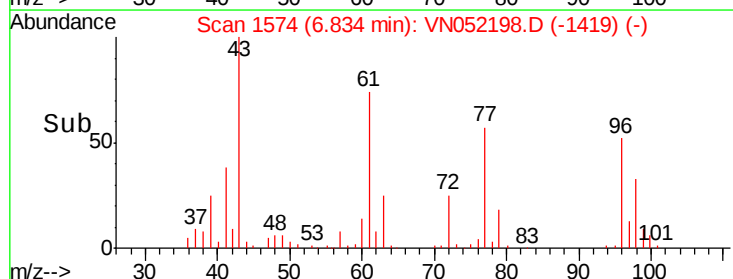
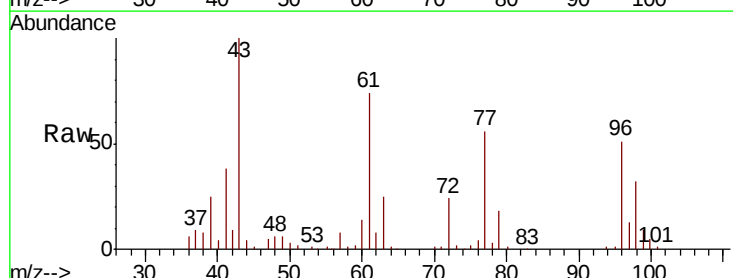
Manual Integrations
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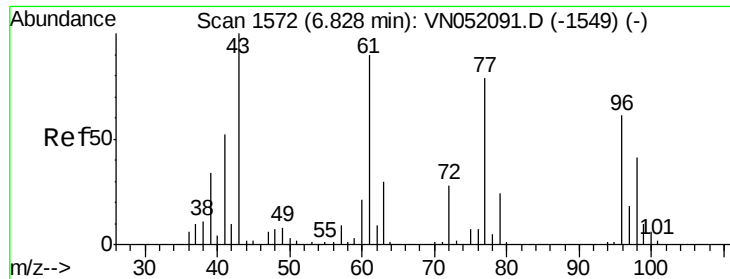
MMDadoda
 11/8/2018 9:13:46 AM



#30
 2-Butanone
 Concen: 107.102 ug/l m
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	0.0	6.6	9.8#
72	0.0	9.2	13.8#





#31

2,2-Dichloropropane

Concen: 18.550 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 108758

Ion Ratio Lower Upper

77 100

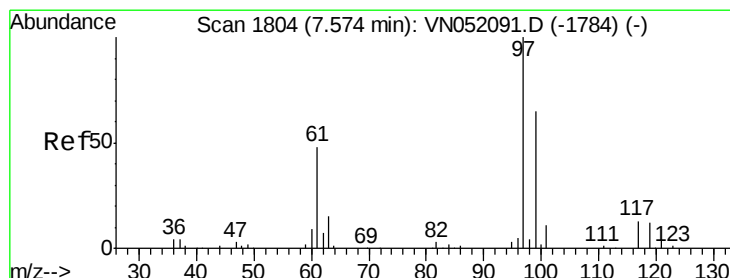
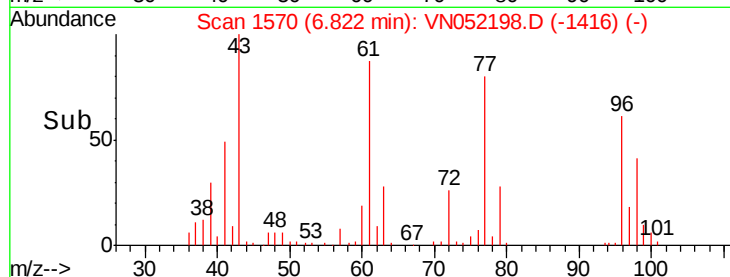
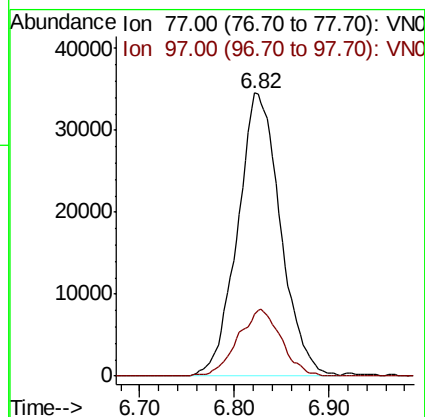
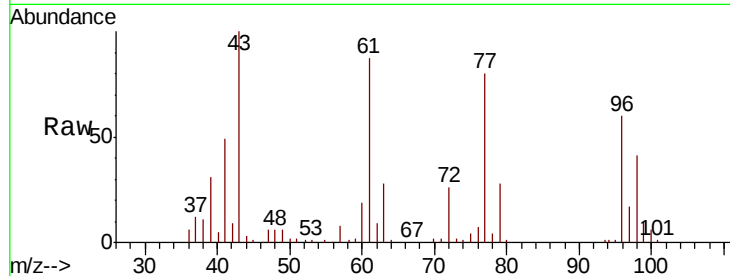
97 23.7 18.2 27.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.641 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

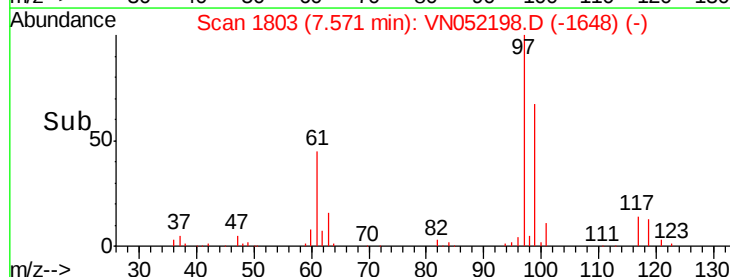
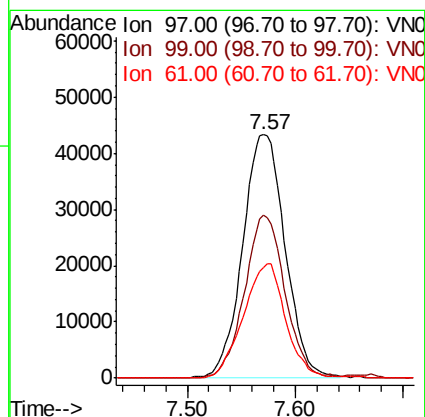
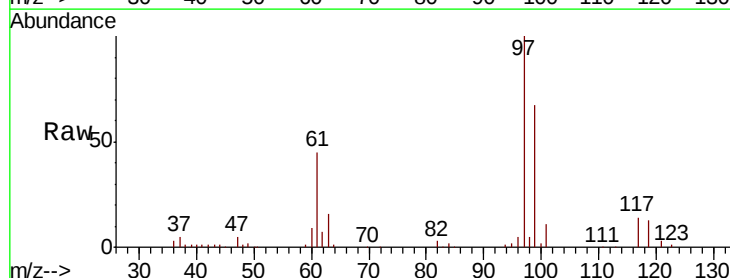
Tgt Ion: 97 Resp: 118710

Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 46.4 38.7 58.1





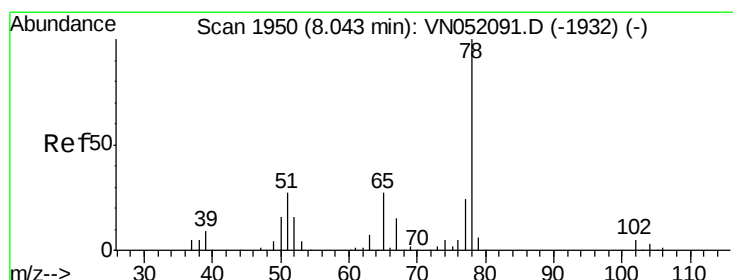
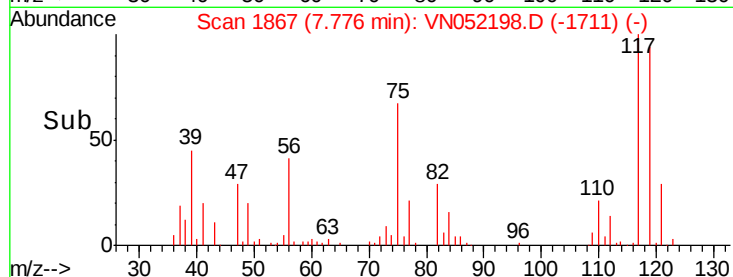
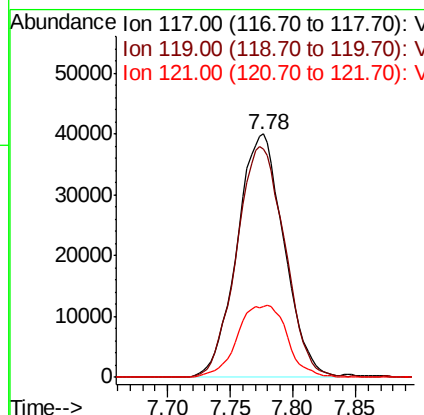
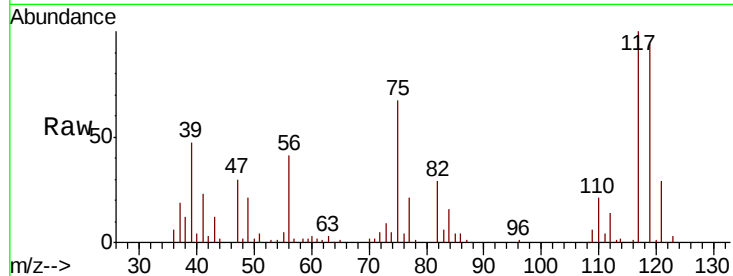
#33
Carbon Tetrachloride
Concen: 18.391 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.7	112.1
121	29.1	23.4	35.0

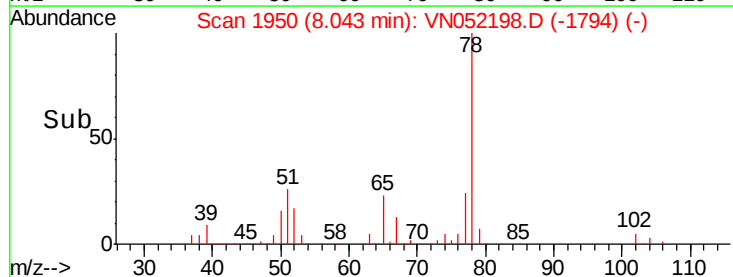
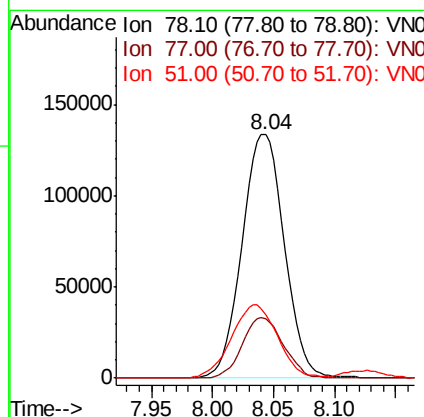
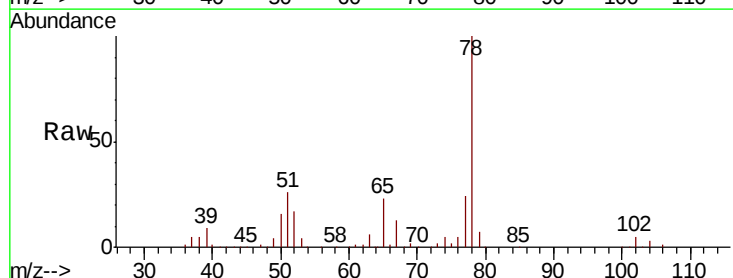
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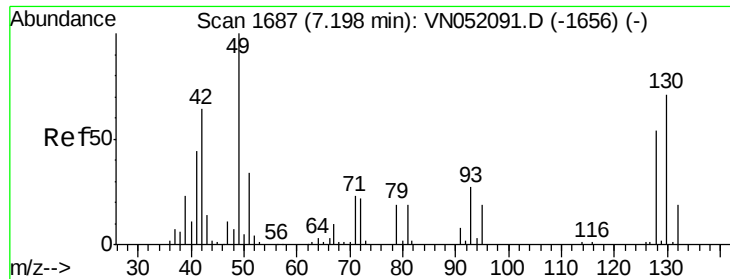
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#34
Benzene
Concen: 19.177 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7
51	25.7	21.2	31.8





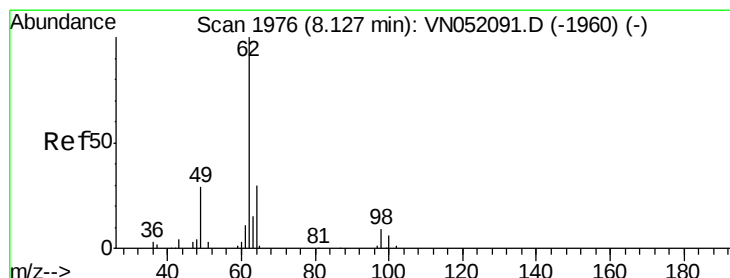
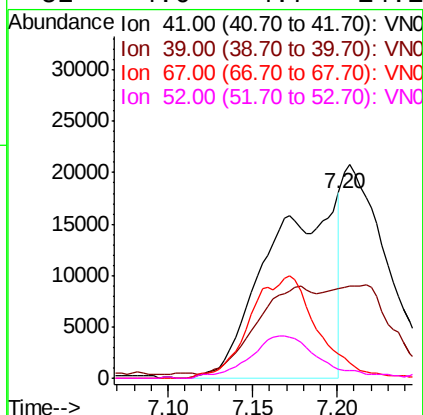
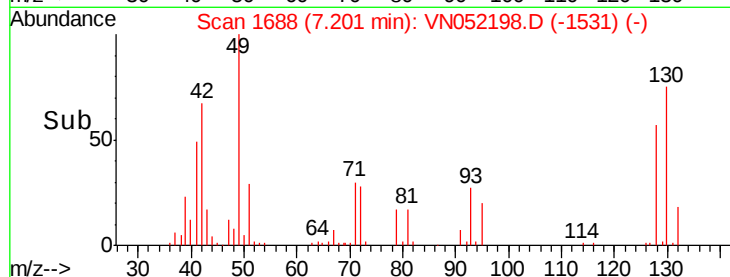
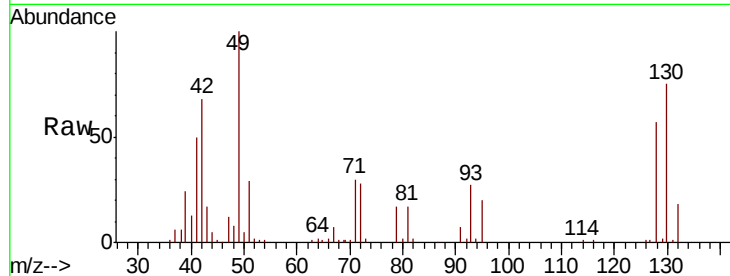
#35
Methacrylonitrile
Concen: 24.321 ug/l m
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	48.0	26.1	78.3
67	13.2	11.0	33.0
52	4.6	4.7	14.1#

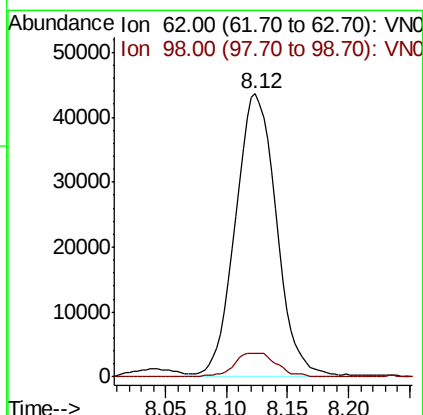
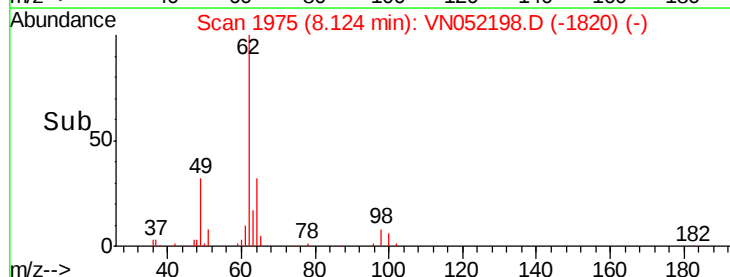
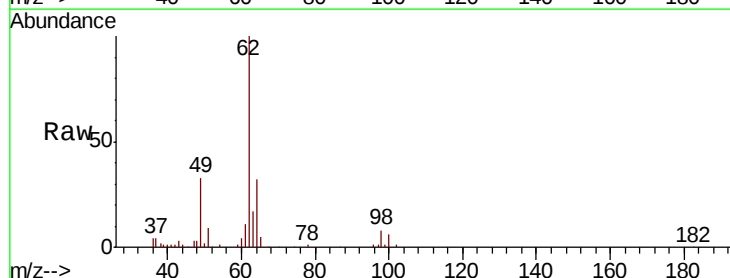
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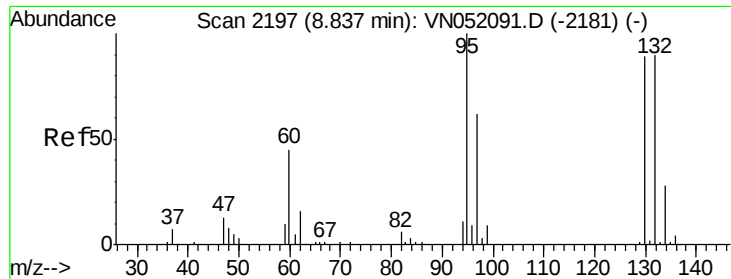
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#36
1,2-Dichloroethane
Concen: 18.303 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.7	6.7	10.1#





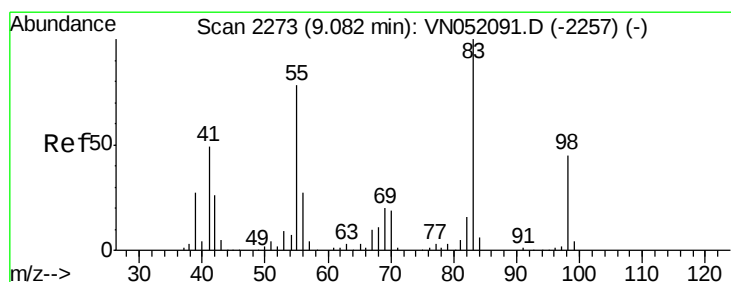
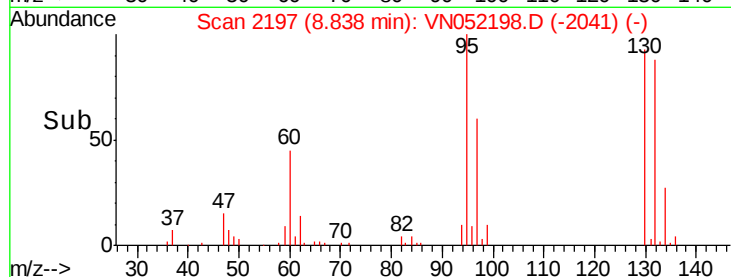
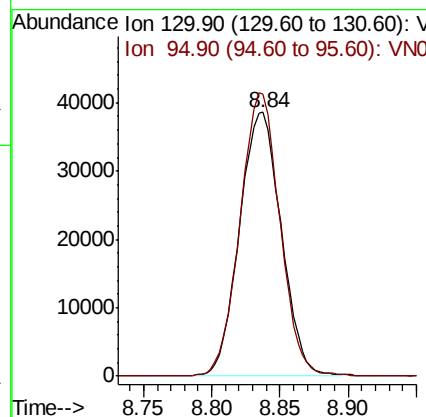
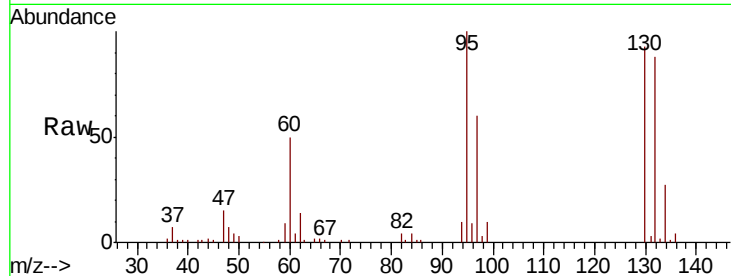
#37
 Trichloroethene
 Concen: 19.691 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 82132
 Ion Ratio Lower Upper
 130 100
 95 107.0 89.9 134.9

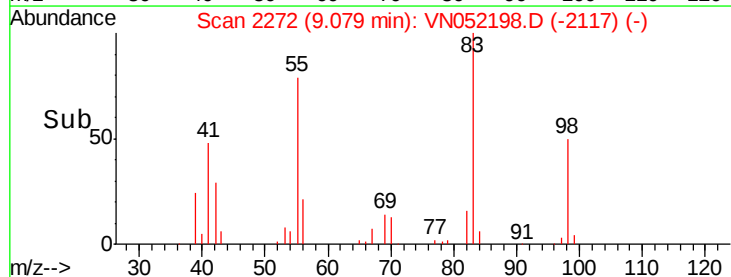
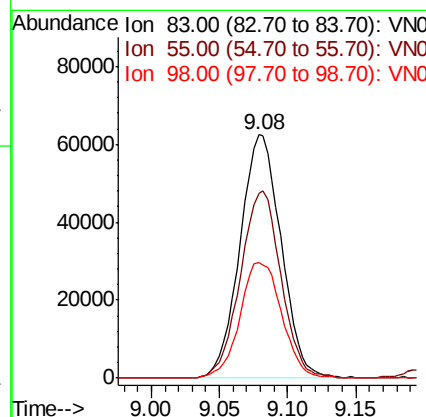
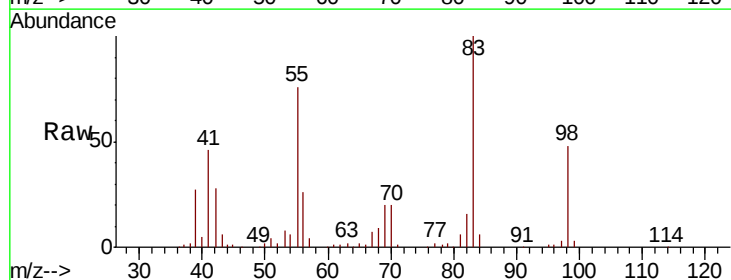
Manual Integrations
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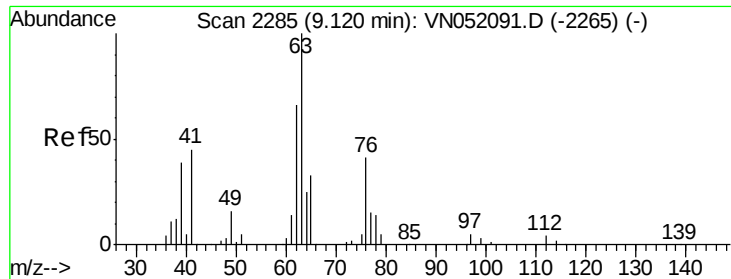
MMDadoda
 11/8/2018 9:13:46 AM



#38
 Methylcyclohexane
 Concen: 18.870 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion: 83 Resp: 131014
 Ion Ratio Lower Upper
 83 100
 55 76.1 38.5 115.3
 98 48.4 23.2 69.6





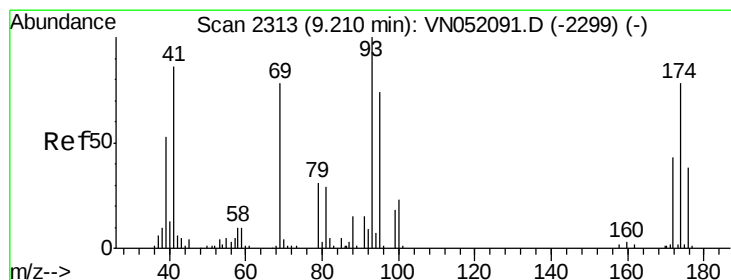
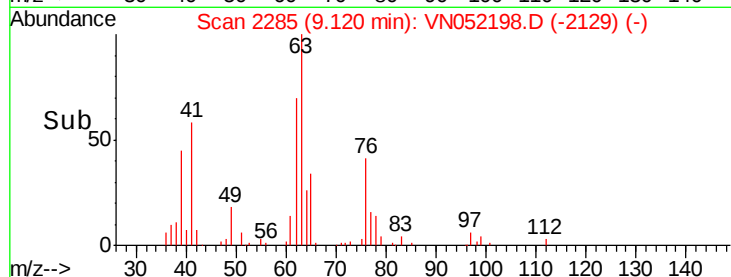
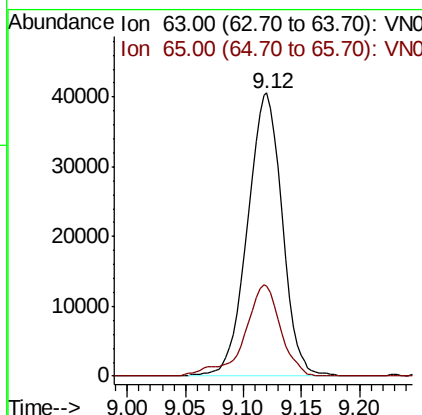
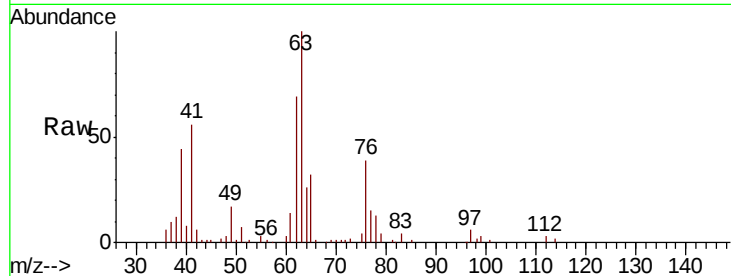
#39
 1,2-Dichloropropane
 Concen: 19.099 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 84728
 Ion Ratio Lower Upper
 63 100
 65 32.0 27.3 40.9

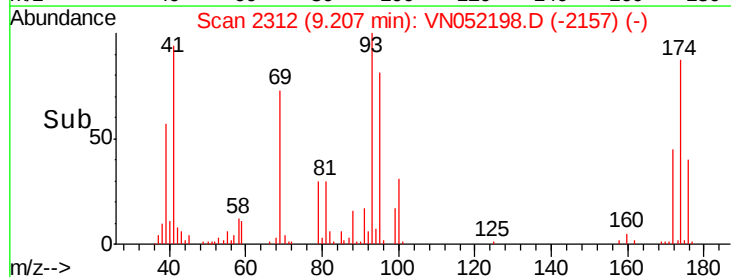
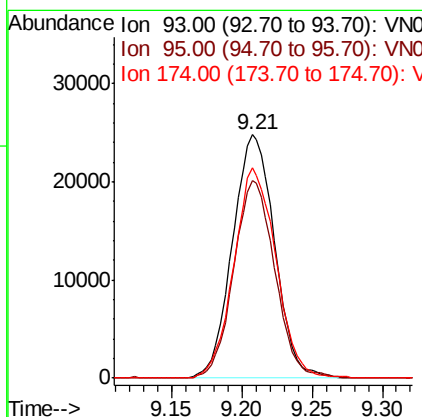
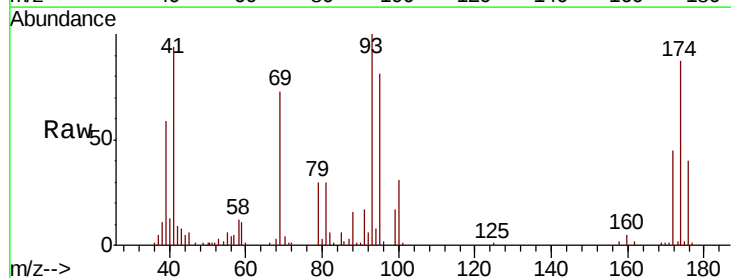
Manual Integrations
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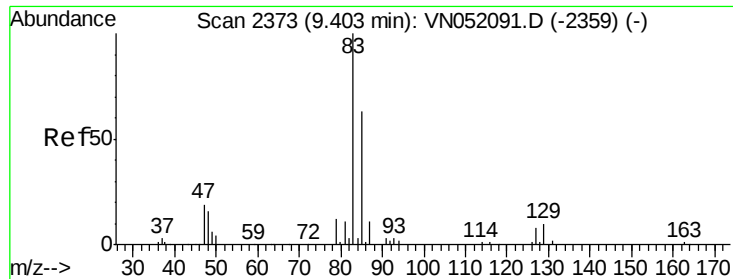
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#40
 Dibromomethane
 Concen: 18.940 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion: 93 Resp: 51789
 Ion Ratio Lower Upper
 93 100
 95 78.6 0.0 161.2
 174 86.3 0.0 165.0





#41

Bromodichloromethane

Concen: 18.465 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

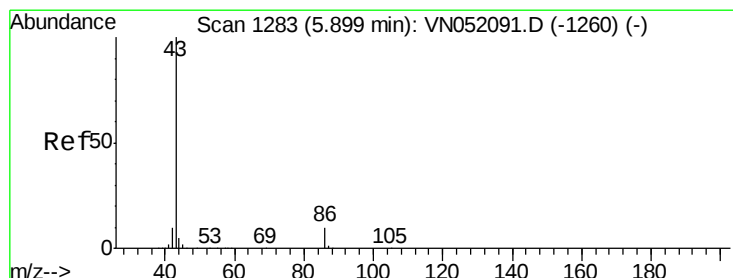
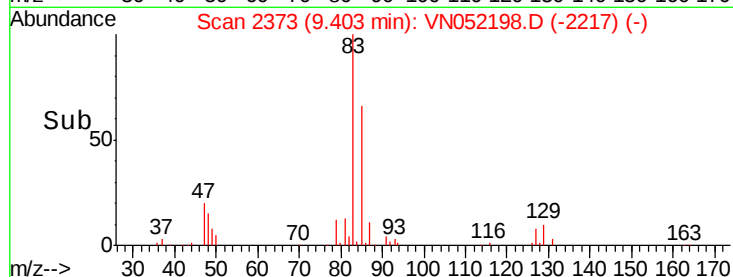
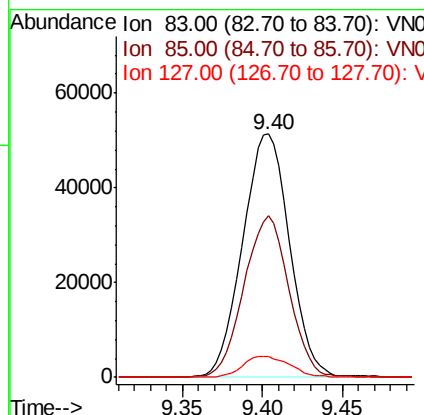
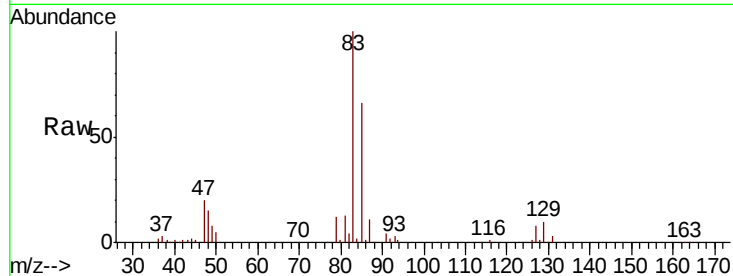
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	103309
Ion Ratio	Lower	Upper	
83	100		
85	65.9	50.2	75.2
127	8.5	6.6	10.0

Manual Integrations
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11/8/2018 9:13:46 AM



#42

Vinyl Acetate

Concen: 91.280 ug/l

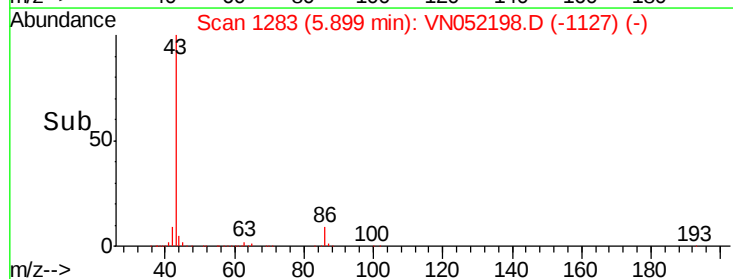
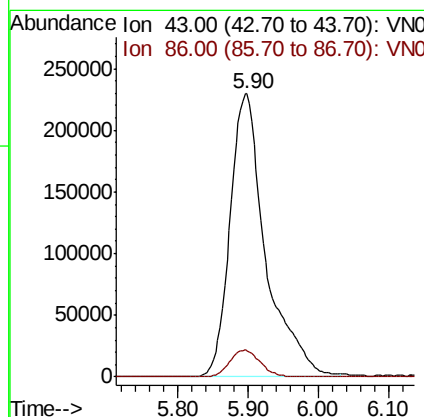
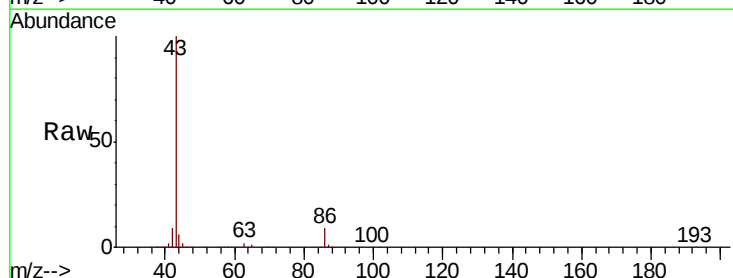
RT: 5.90 min Scan# 1283

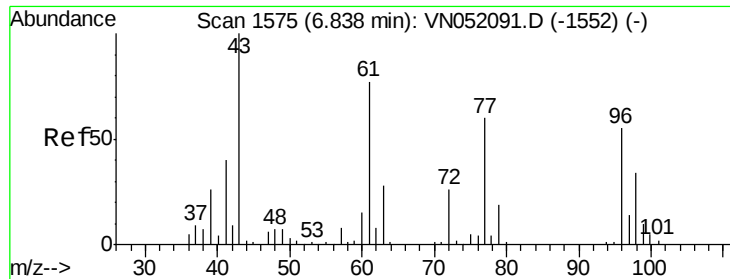
Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion:	43	Resp:	809955
Ion Ratio	Lower	Upper	
43	100		
86	8.0	6.6	10.0





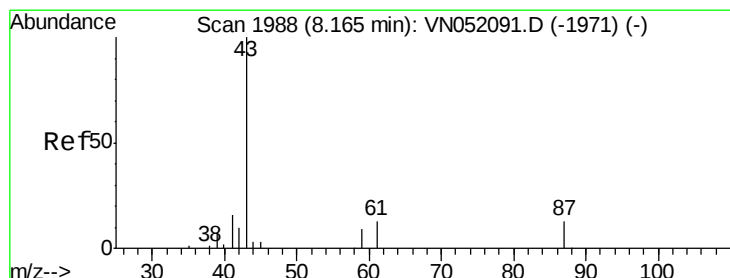
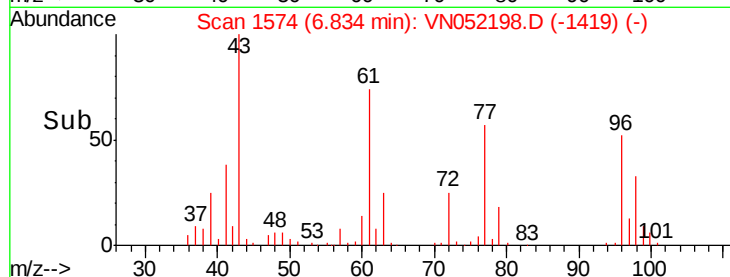
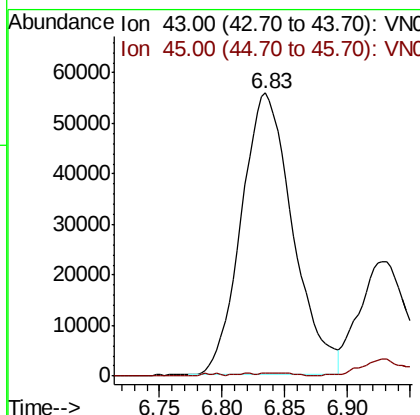
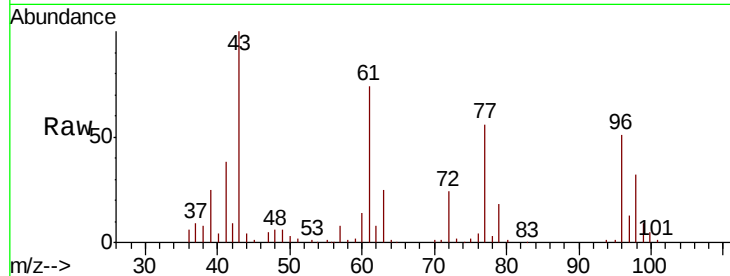
#43
Ethyl Acetate
Concen: 20.921 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 159359
Ion Ratio Lower Upper
43 100
45 0.2 3.8 5.8#

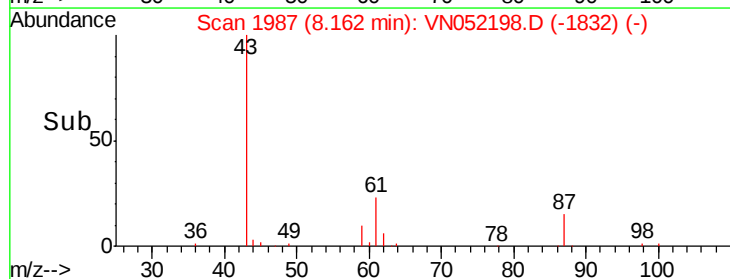
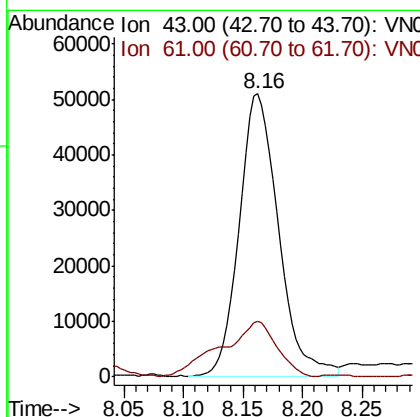
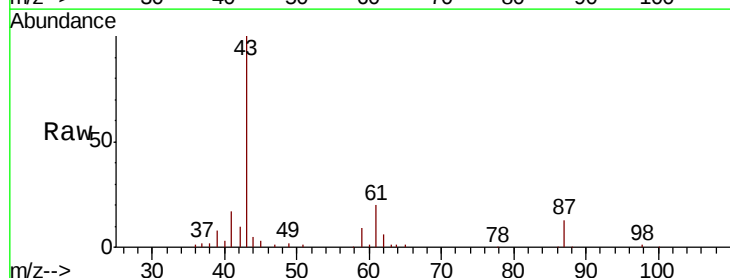
Manual Integrations
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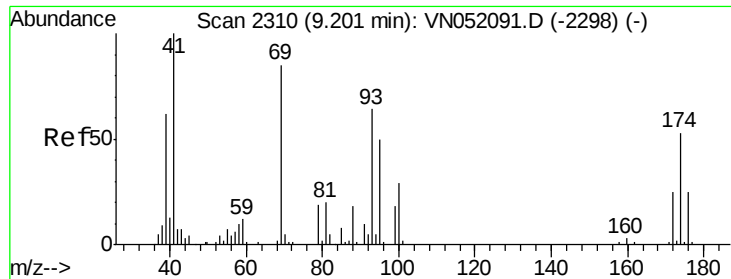
MMDadoda
11/8/2018 9:13:46 AM



#44
Isopropyl Acetate
Concen: 18.425 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion: 43 Resp: 116201
Ion Ratio Lower Upper
43 100
61 18.5 16.2 24.2





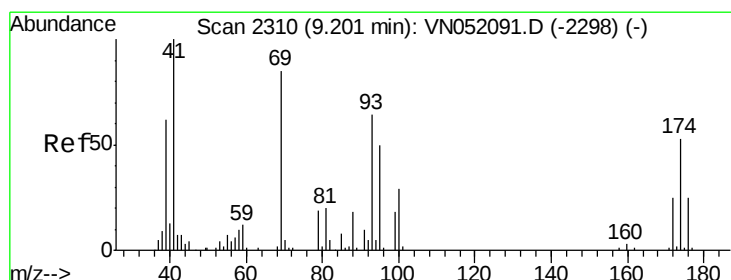
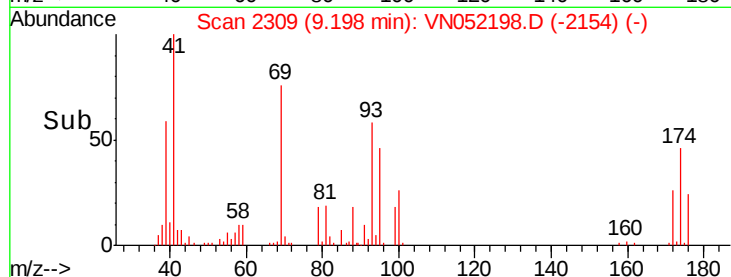
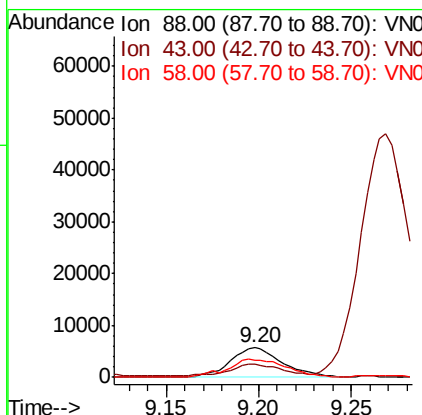
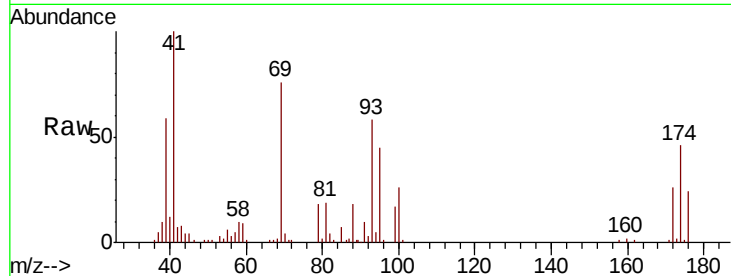
#45
 1,4-Dioxane
 Concen: 387.727 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	28.6	43.0
58	62.0	37.8	56.8#

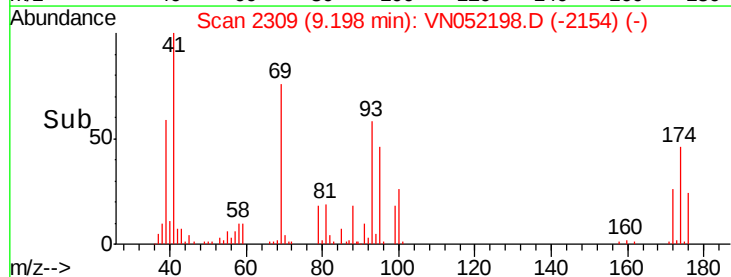
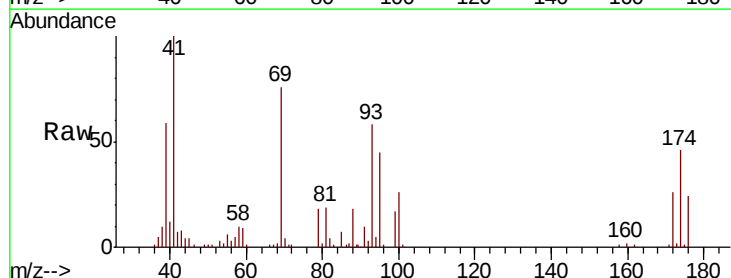
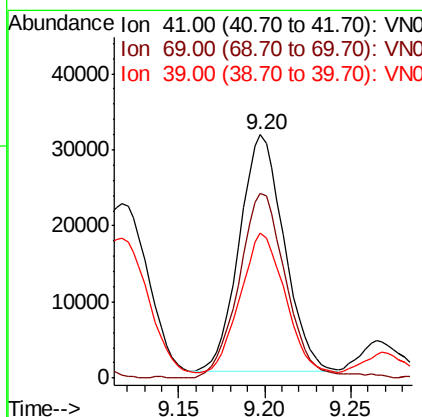
Manual Integrations
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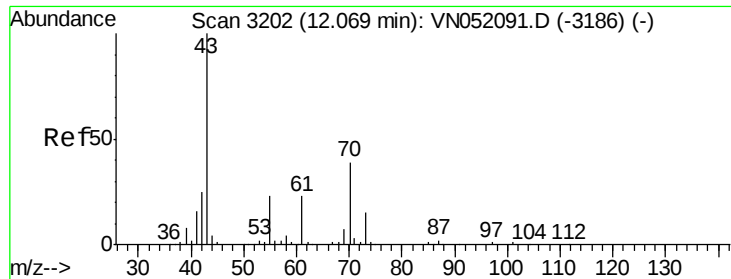
MMDadoda
 11/8/2018 9:13:46 AM



#46
 Methyl methacrylate
 Concen: 17.898 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.2	42.5	127.6
39	58.5	31.1	93.3





#47

n-amyl Acetate

Concen: 16.819 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 96146

Ion Ratio Lower Upper

43 100

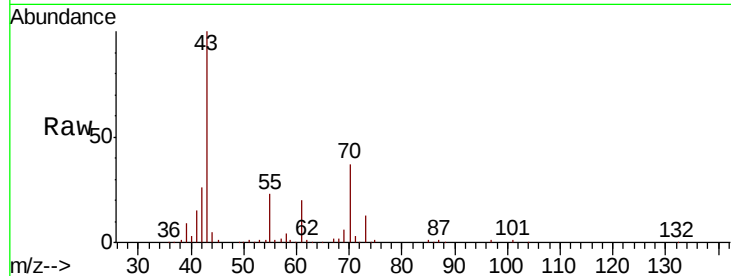
55 24.9 0.0 0.0#

Manual Integrations

APPROVED

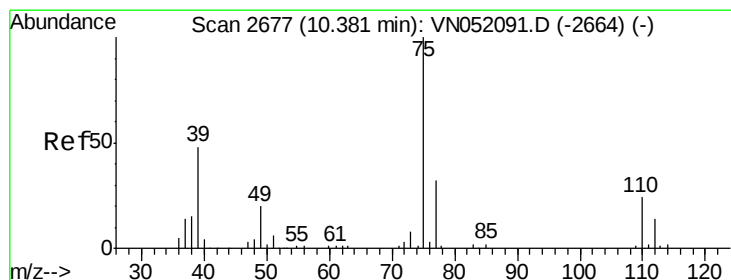
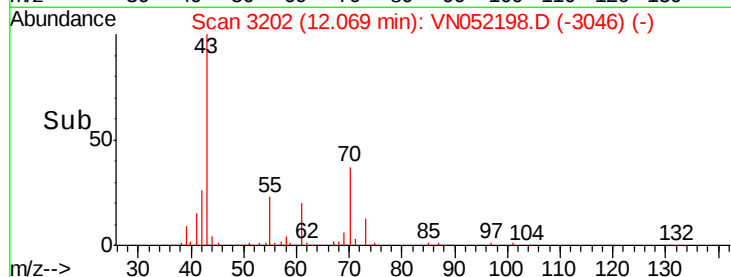
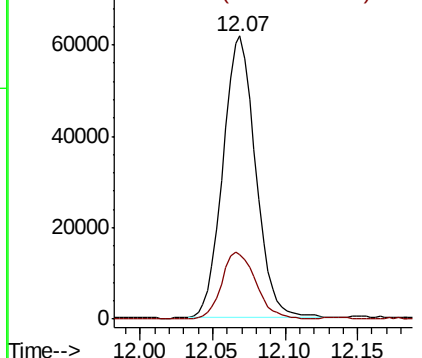
MMDadoda

11/8/2018 9:13:46 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.202 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052198.D

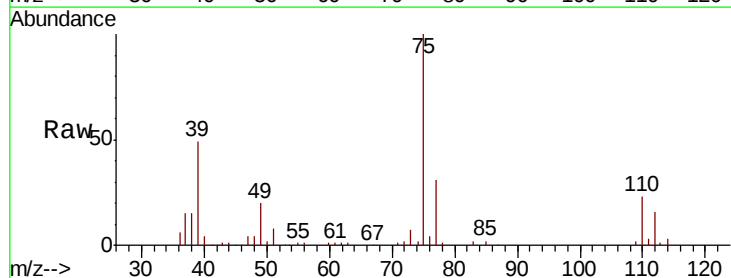
Acq: 7 Nov 2018 10:12

Tgt Ion: 75 Resp: 101119

Ion Ratio Lower Upper

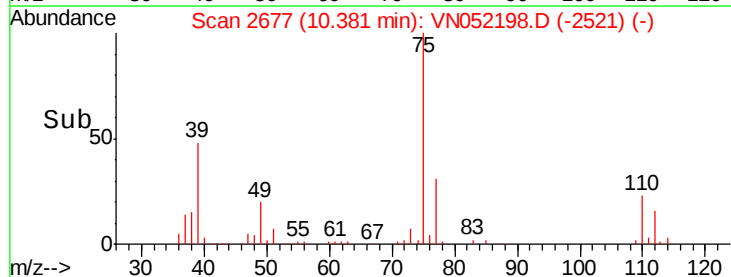
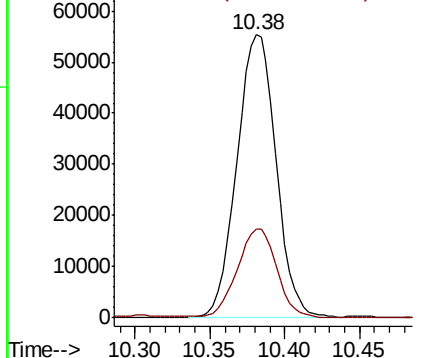
75 100

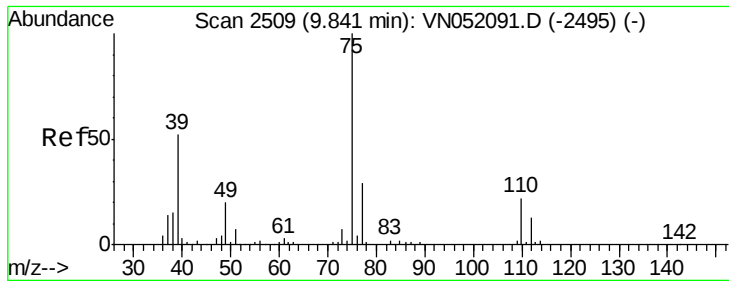
77 31.1 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





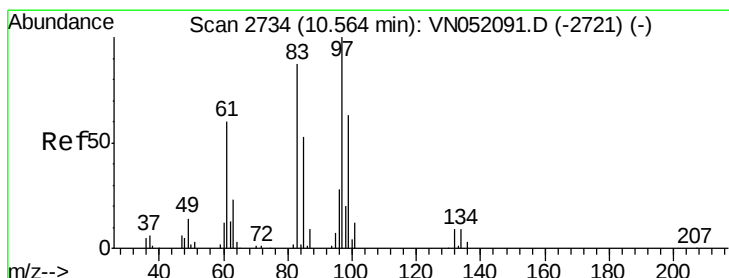
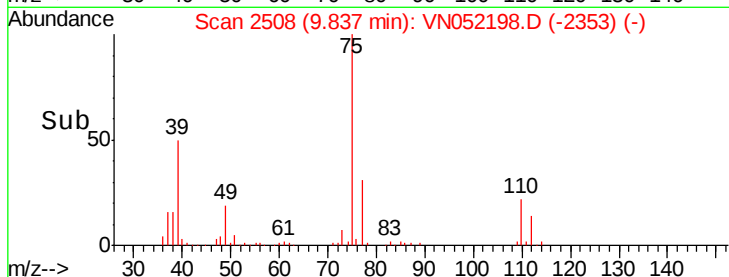
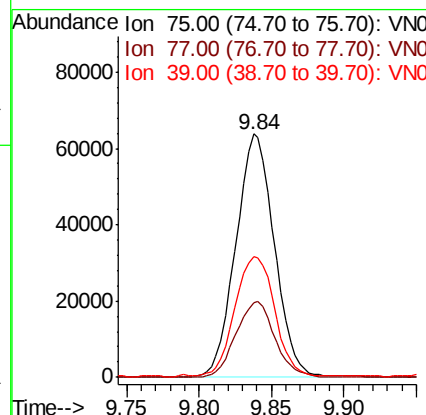
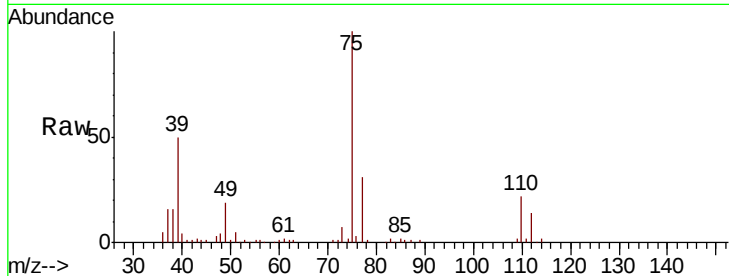
#49
 cis-1,3-Dichloropropene
 Concen: 18.372 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	23.3	34.9
39	49.2	41.6	62.4

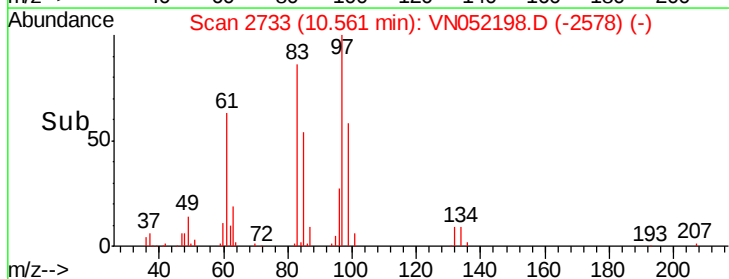
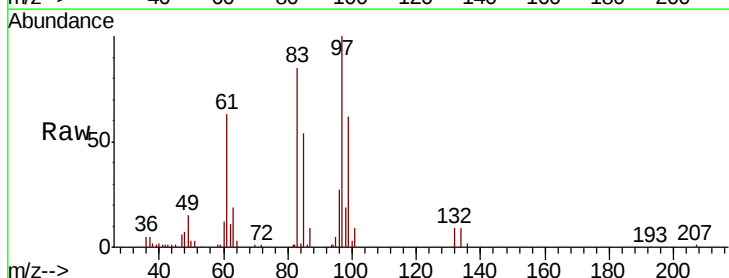
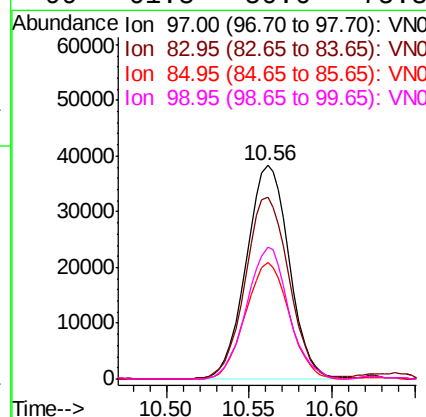
Manual Integrations
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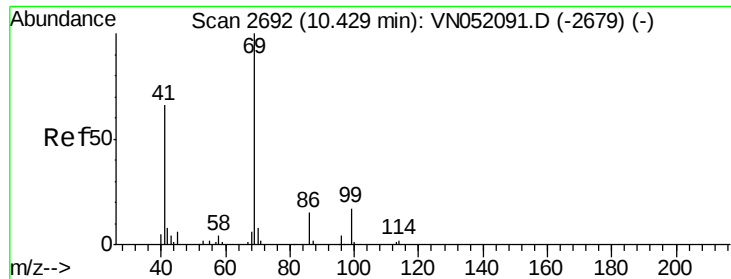
MMDadoda
 11/8/2018 9:13:46 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.153 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.4	104.0
85	54.4	42.7	64.1
99	61.8	50.6	75.8





#51

Ethyl methacrylate

Concen: 17.882 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

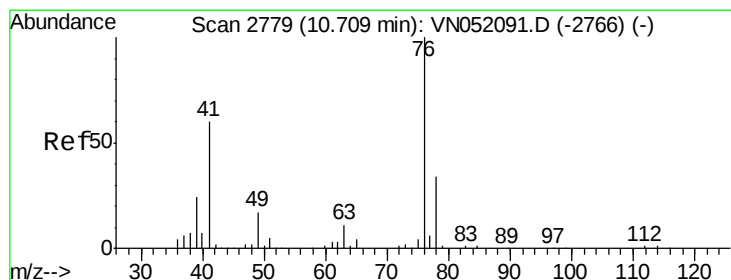
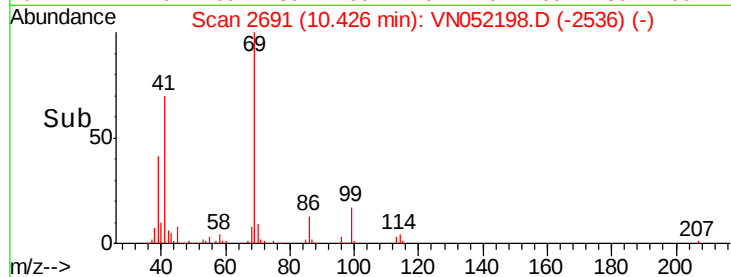
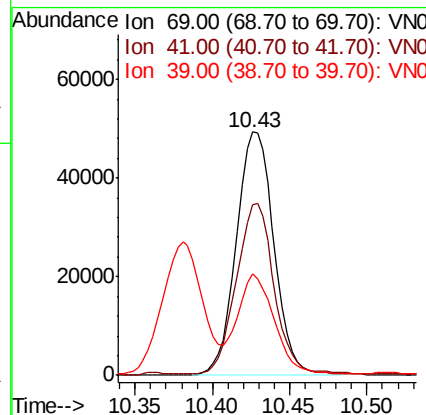
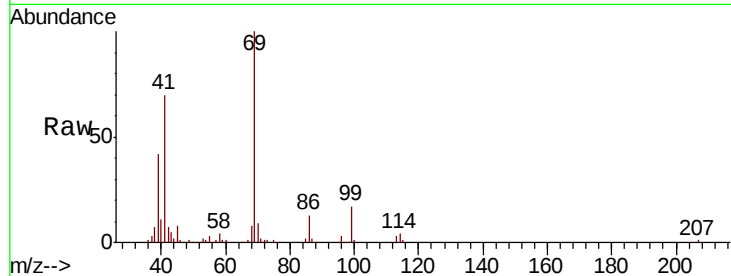
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	83562
Ion	Ratio	Lower	Upper
69	100		
41	69.4	33.0	99.0
39	41.0	20.7	62.1

Manual Integrations
APPROVED

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11/8/2018 9:13:46 AM



#52

1,3-Dichloropropane

Concen: 18.180 ug/l

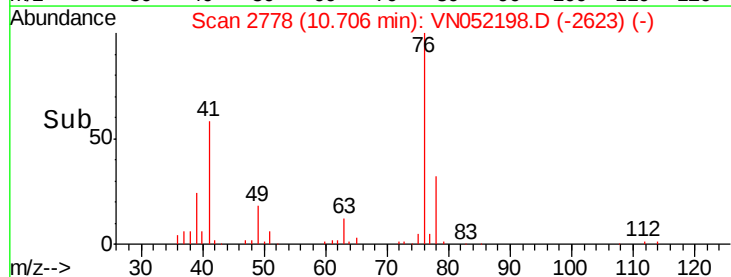
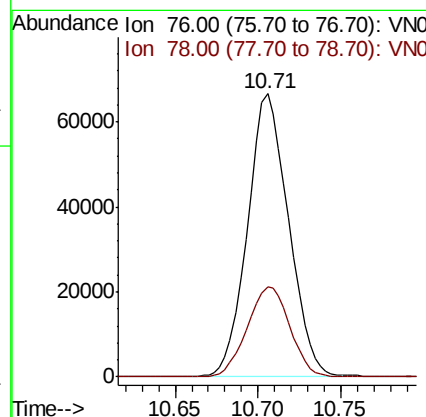
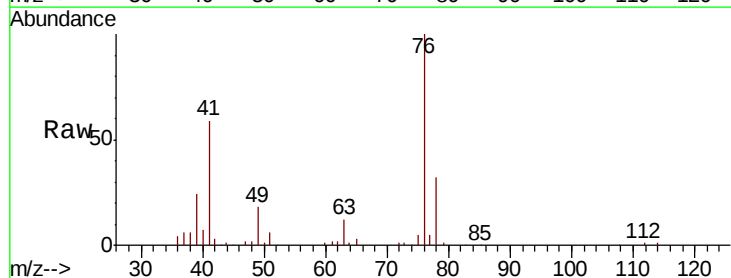
RT: 10.71 min Scan# 2778

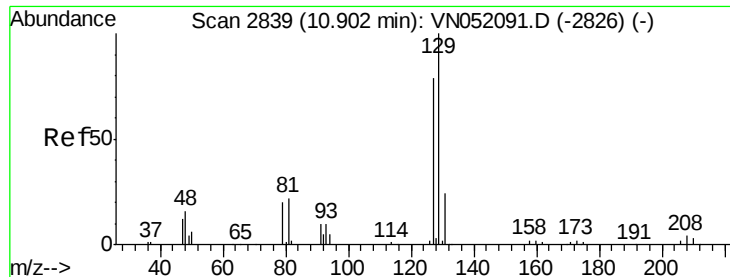
Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion:	76	Resp:	114500
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.0





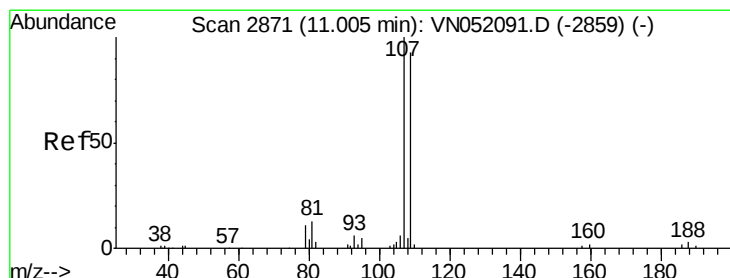
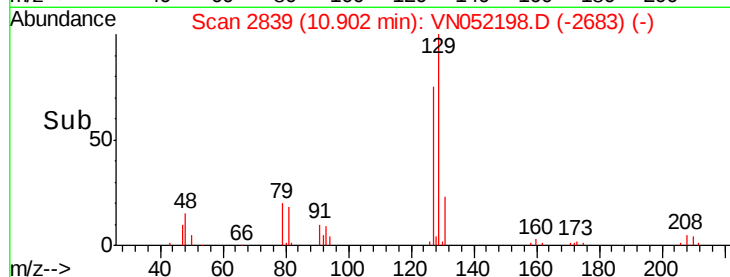
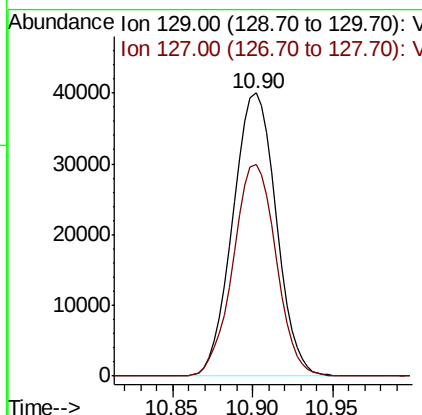
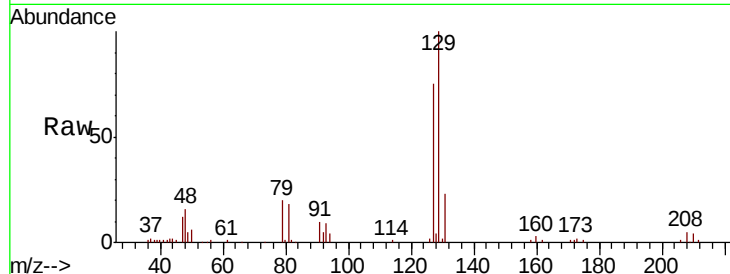
#53
Dibromochloromethane
Concen: 18.995 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 74148
Ion Ratio Lower Upper
129 100
127 74.0 39.2 117.6

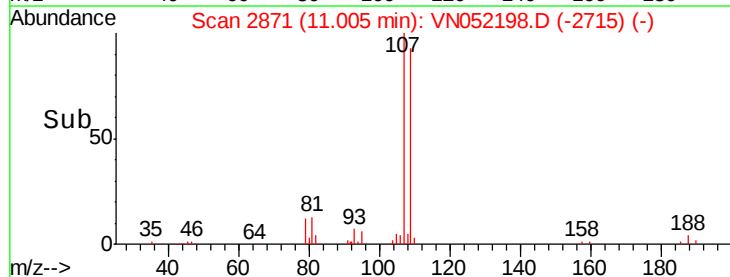
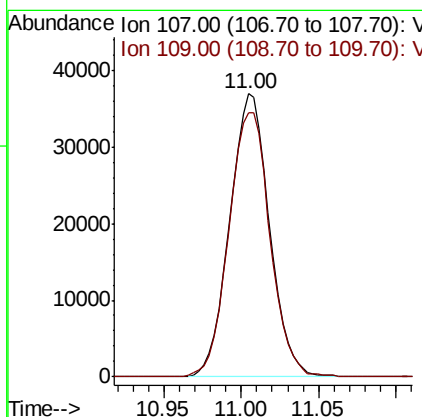
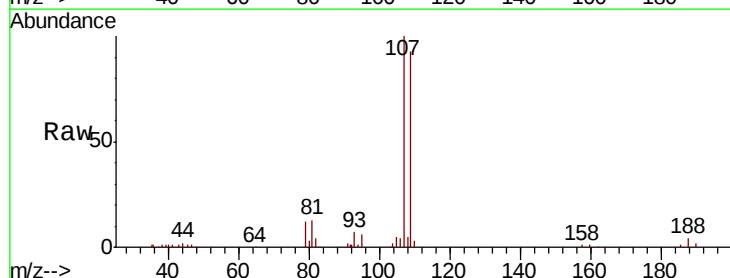
Manual Integrations
APPROVED

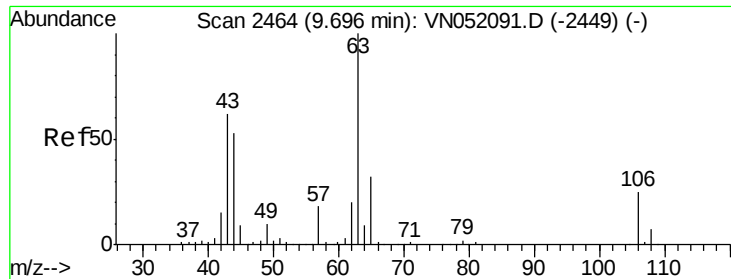
MMDadoda
11/8/2018 9:13:46 AM



#54
1,2-Dibromoethane
Concen: 17.903 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion:107 Resp: 65642
Ion Ratio Lower Upper
107 100
109 96.5 77.0 115.6





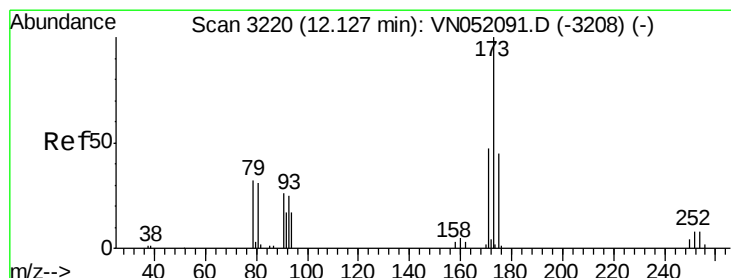
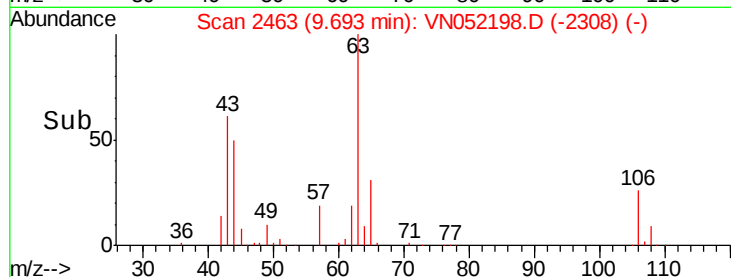
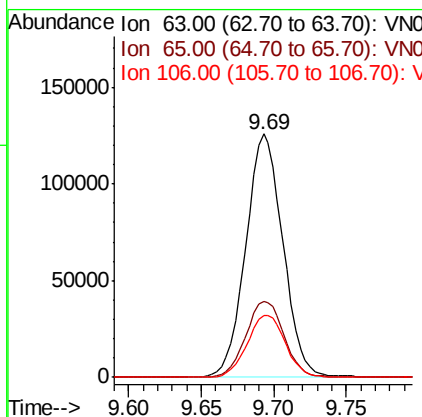
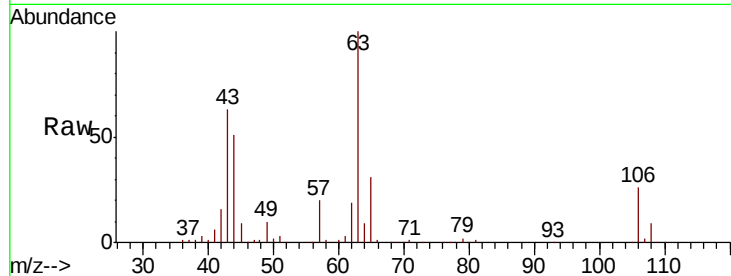
#55
2-Chloroethyl vinyl ether
Concen: 87.615 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	26.3	20.4	30.6

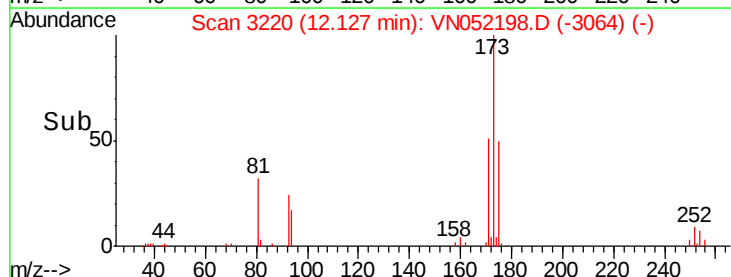
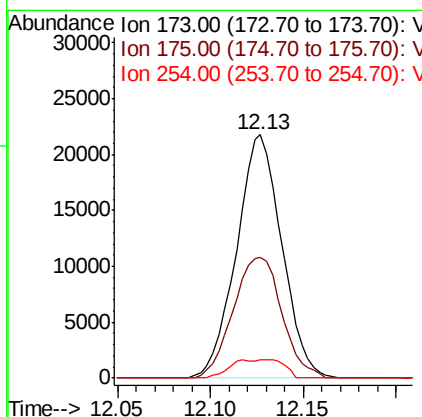
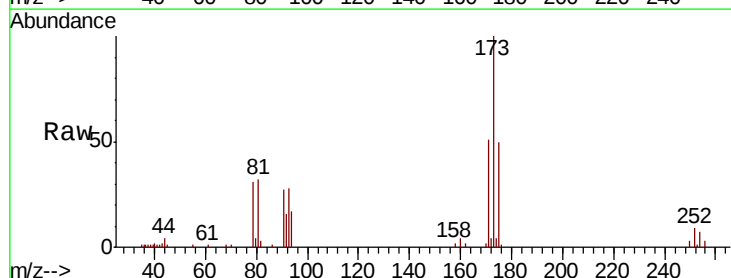
Manual Integrations
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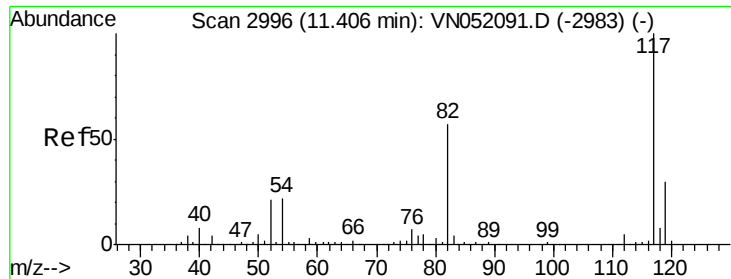
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#56
Bromoform
Concen: 16.376 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.5	37.3	55.9
254	3.7	7.0	10.6





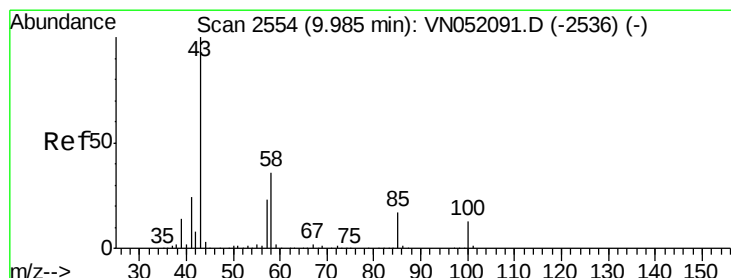
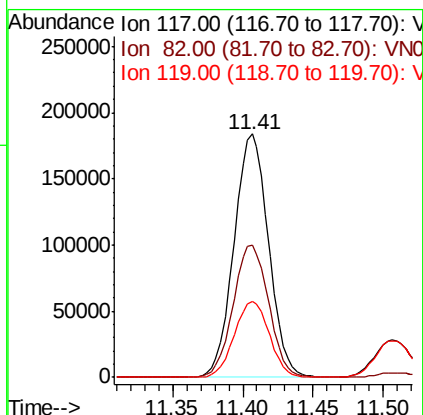
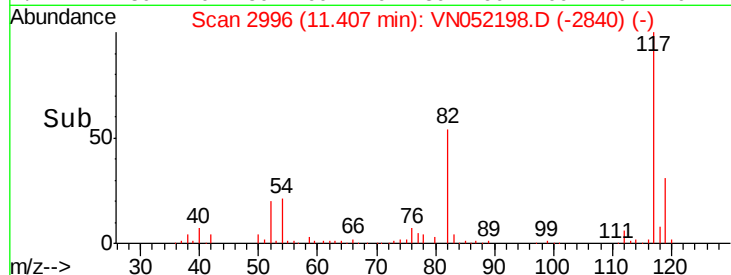
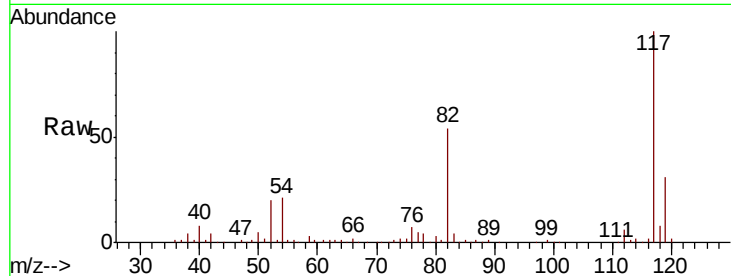
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.6
119	31.7	24.2	36.4

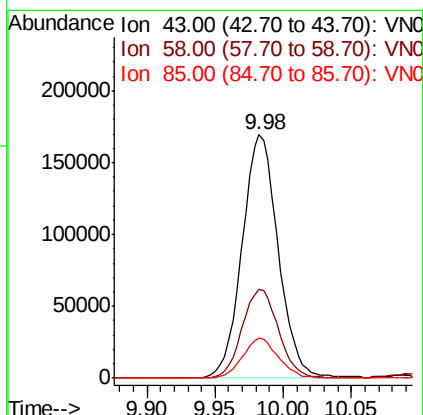
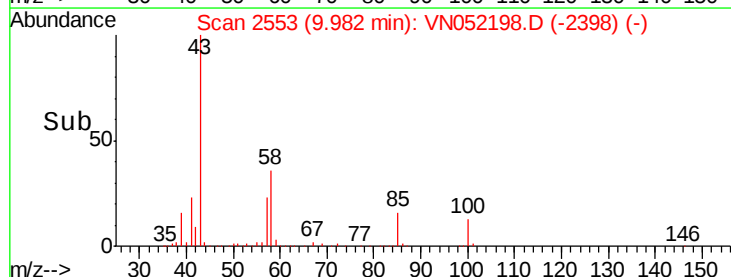
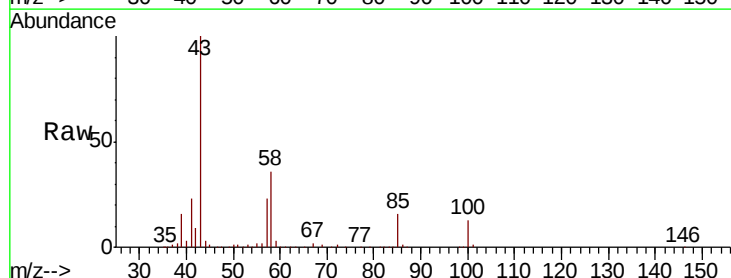
Manual Integrations
APPROVED

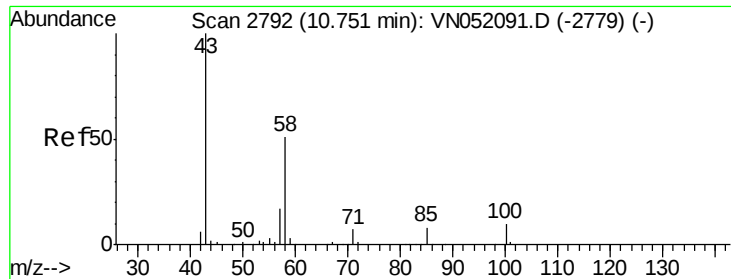
MMDadoda
11/8/2018 9:13:46 AM



#58
4-Methyl-2-Pentanone
Concen: 91.457 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.0	43.6
85	16.2	13.4	20.2





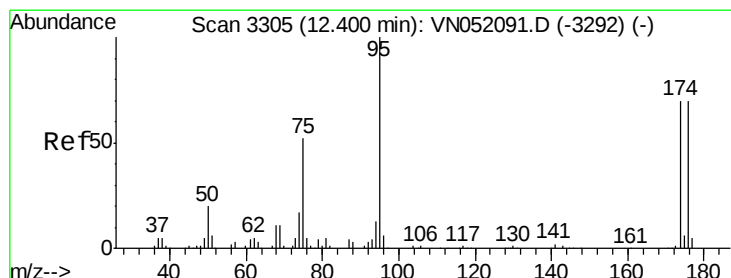
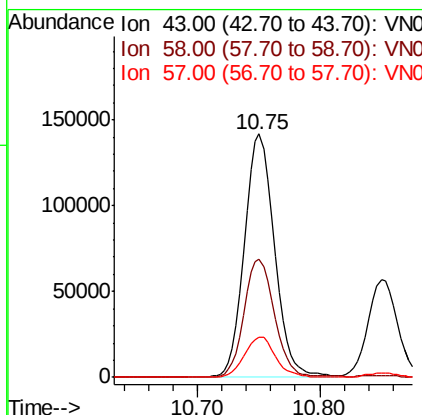
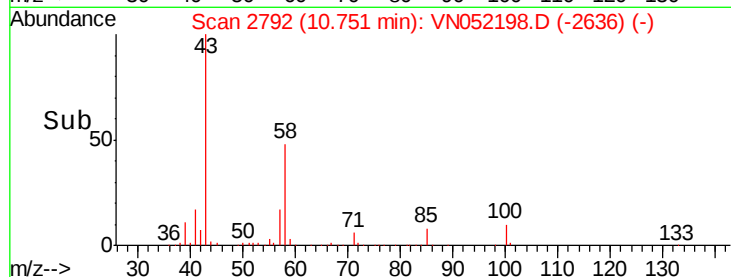
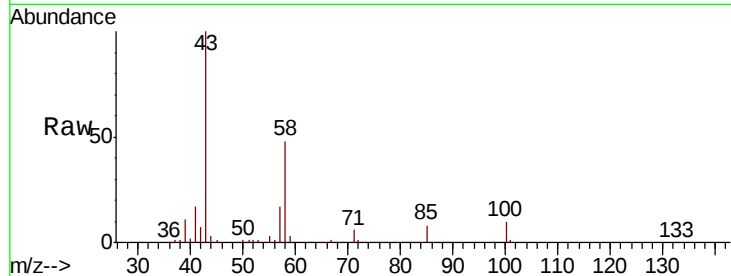
#59
2-Hexanone
Concen: 103.148 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.0	40.8	61.2
57	17.2	13.8	20.8

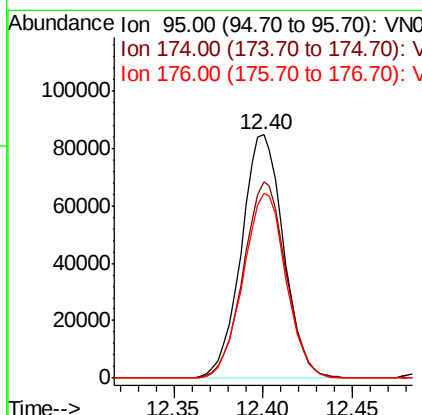
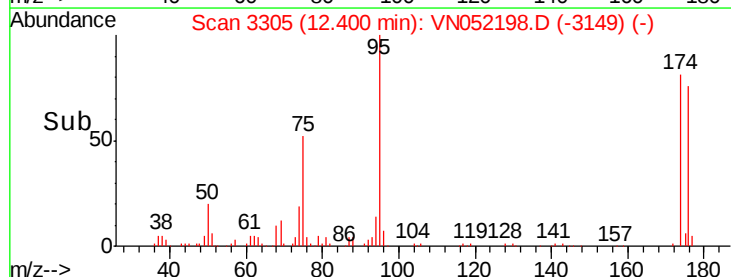
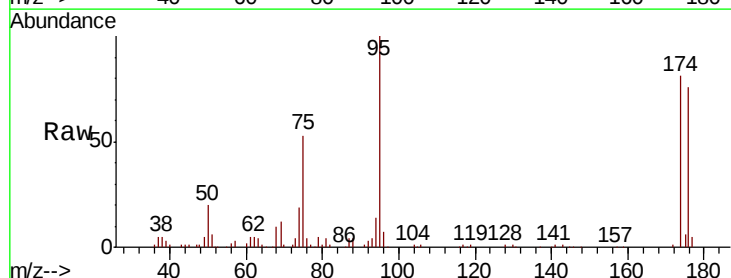
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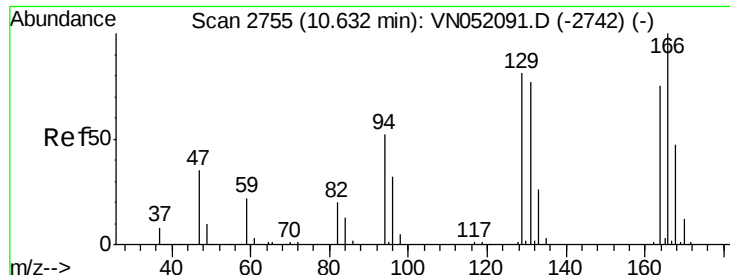
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#60
4-Bromofluorobenzene
Concen: 103.148 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	55.0	82.6
176	77.1	54.2	81.4





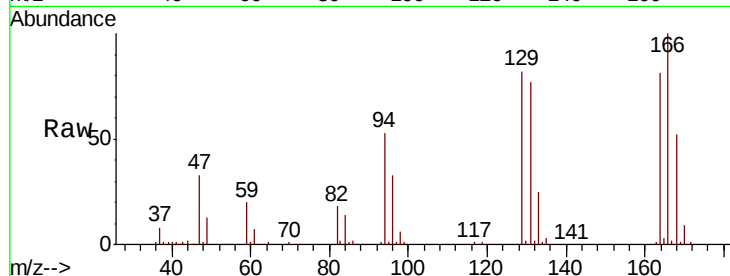
#61
Tetrachloroethene
Concen: 21.079 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

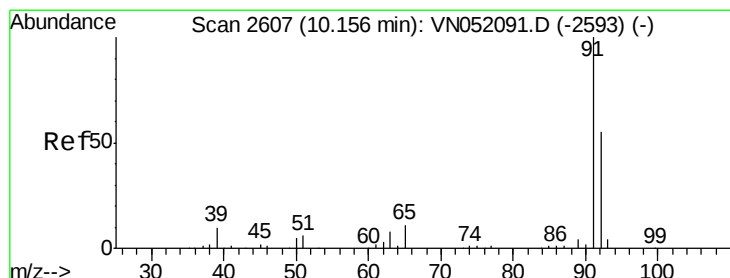
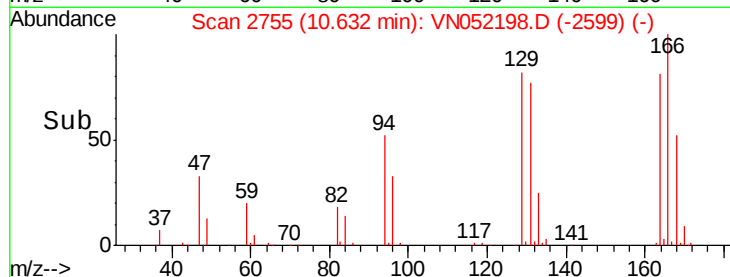
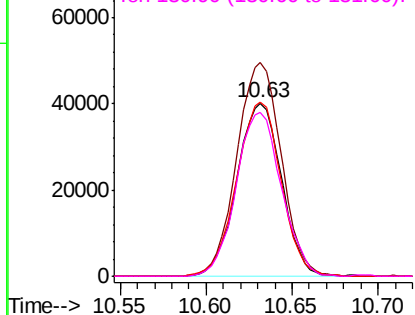
Tot Ion	Ratio	Lower	Upper
164	100		
166	122.8	106.4	159.6
129	100.3	87.0	130.4
131	94.4	81.4	122.2

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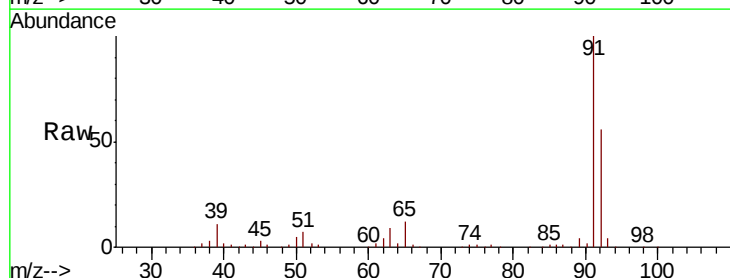


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

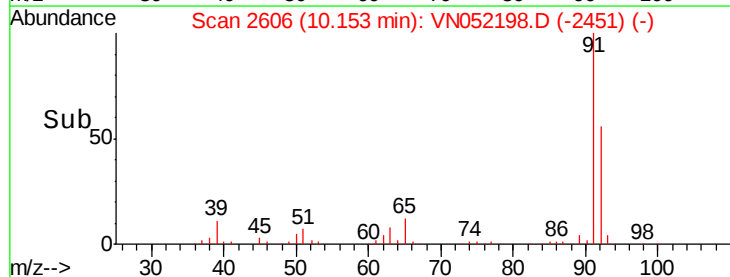
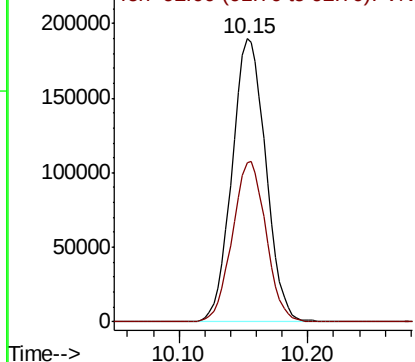


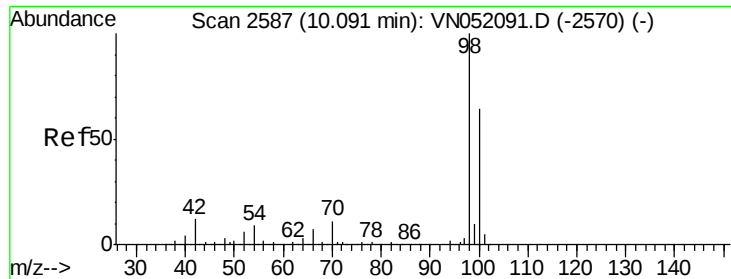
#62
Toluene
Concen: 19.487 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.3	44.6	67.0



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 92.00 (91.70 to 92.70): VNO





#63

Toluene-d8

Concen: 19.487 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 448144

Ion Ratio Lower Upper

98 100

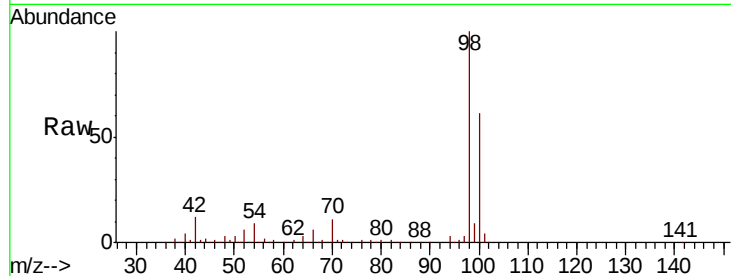
100 62.2 50.7 76.1

Manual Integrations

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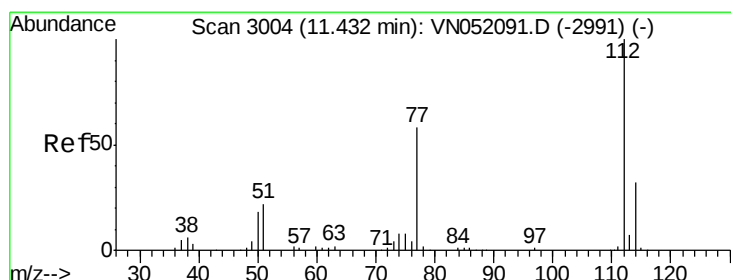
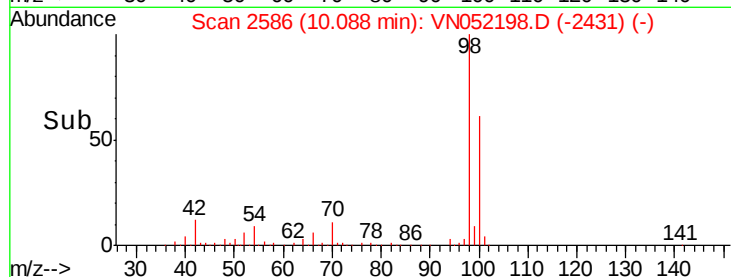
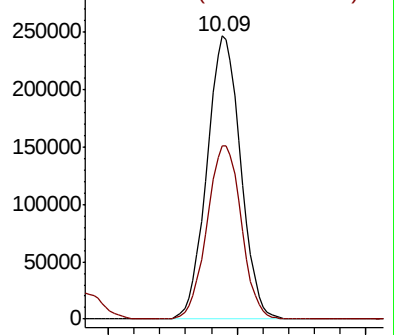
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Abundance Ion 98.00 (97.70 to 98.70): VN052198.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052198.D (-2570) (-)



#64

Chlorobenzene

Concen: 18.965 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052198.D

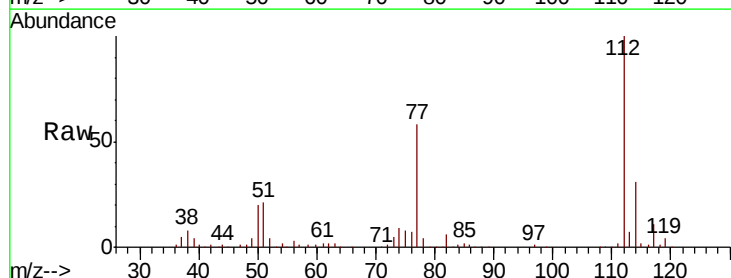
Acq: 7 Nov 2018 10:12

Tgt Ion: 112 Resp: 213030

Ion Ratio Lower Upper

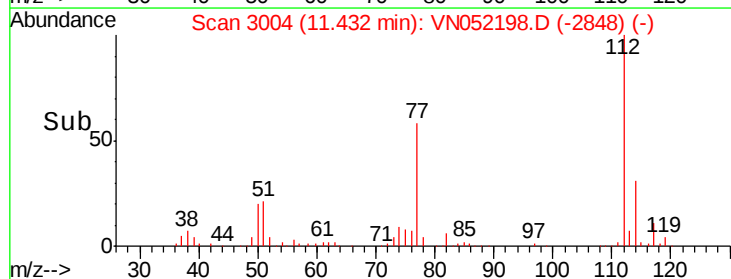
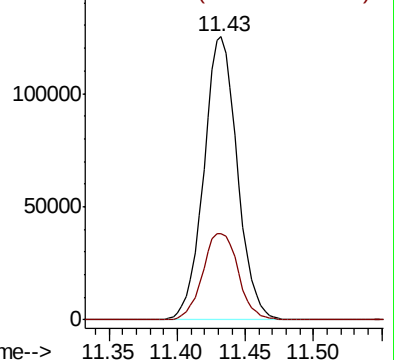
112 100

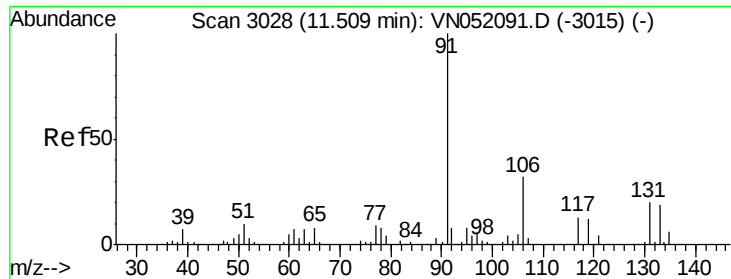
114 30.7 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN052198.D (-2848) (-)

Ion 114.00 (113.70 to 114.70): VN052198.D (-2848) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.333 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

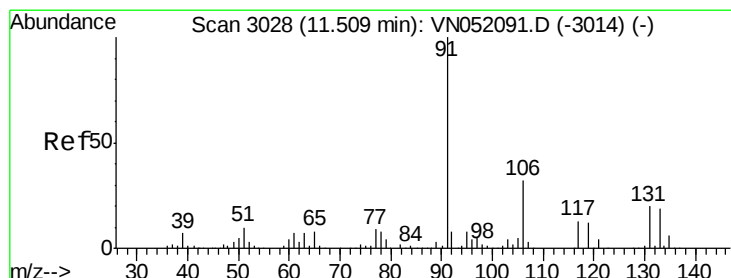
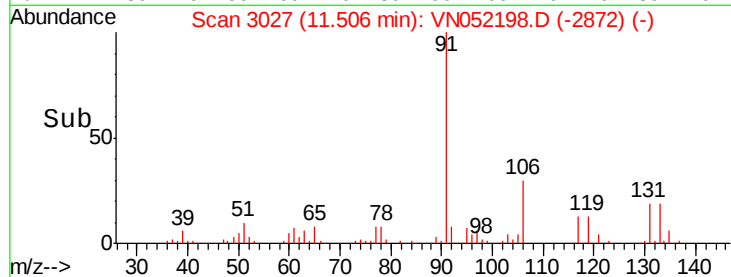
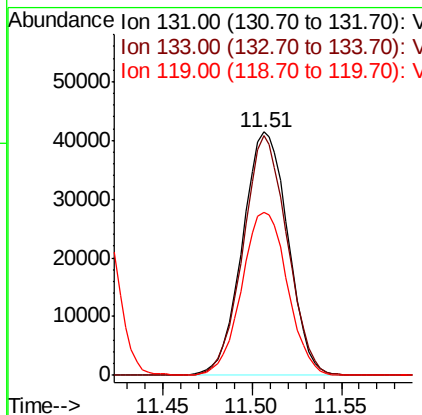
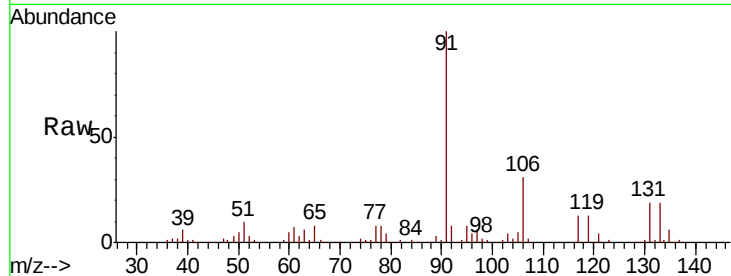
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	188.8
119	67.2	0.0	131.4

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#66

Ethyl Benzene

Concen: 19.803 ug/l

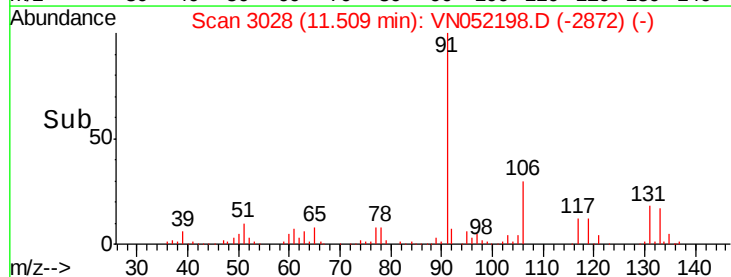
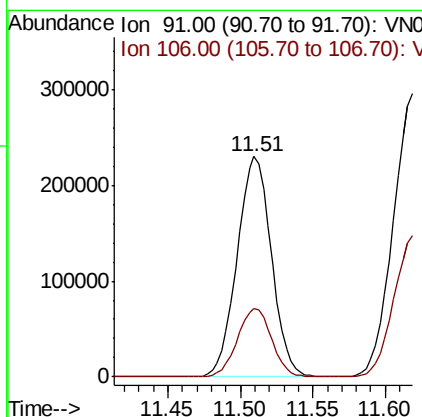
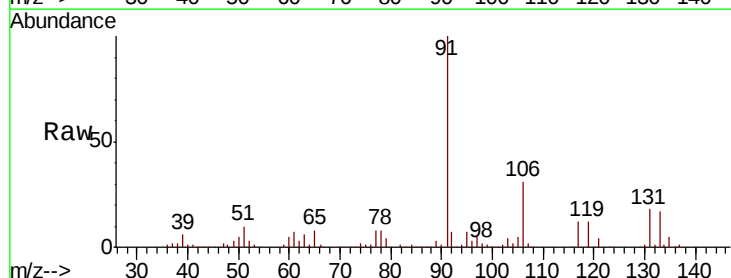
RT: 11.51 min Scan# 3028

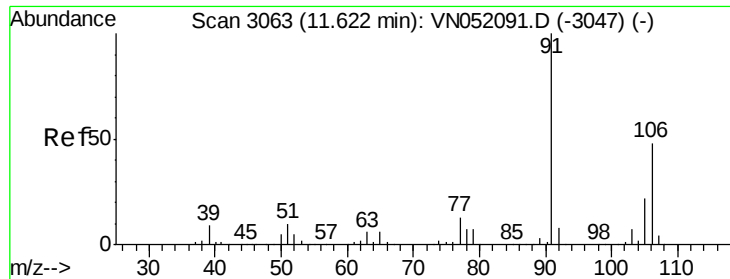
Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.7	38.5





#67

m/p-Xvlenes

Concen: 38.179 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 281407

Ion Ratio Lower Upper

106 100

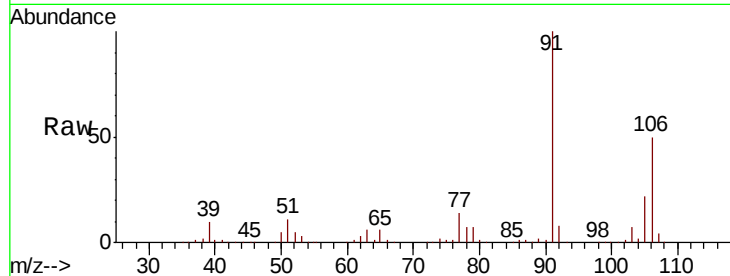
91 201.9 163.6 245.4

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

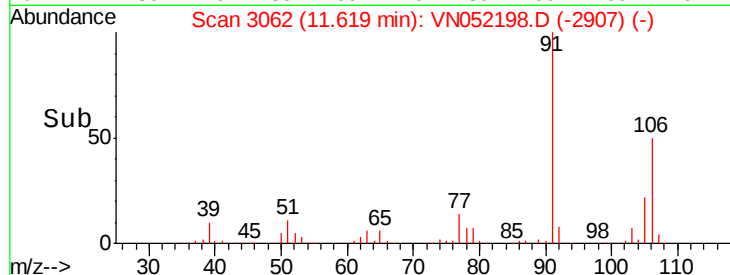
300000

200000

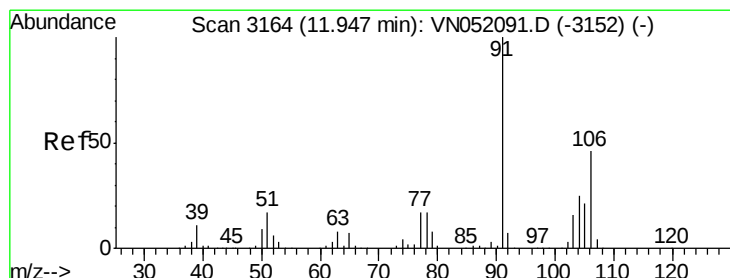
100000

0

11.50 11.60 11.70



Time-->



#68

o-Xylene

Concen: 19.425 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN052198.D

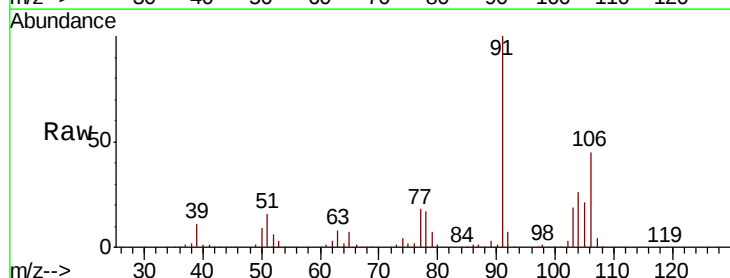
Acq: 7 Nov 2018 10:12

Tgt Ion:106 Resp: 136504

Ion Ratio Lower Upper

106 100

91 214.8 110.0 330.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

200000

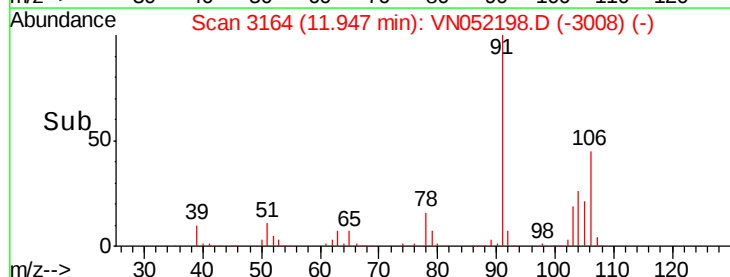
150000

100000

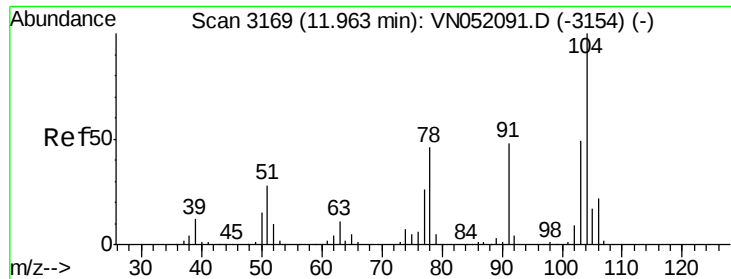
50000

0

11.90 11.95 12.00



Time-->



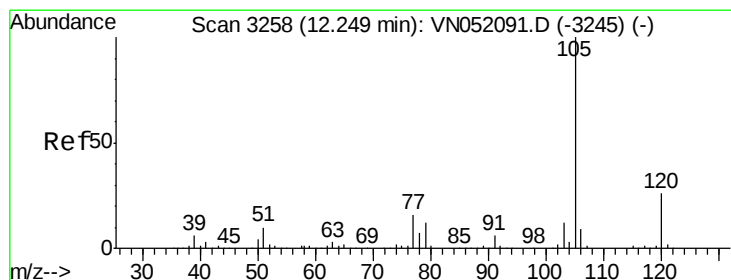
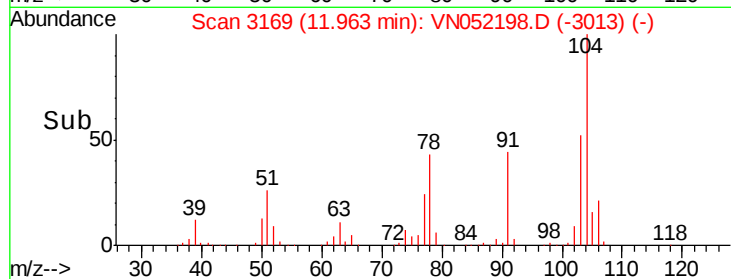
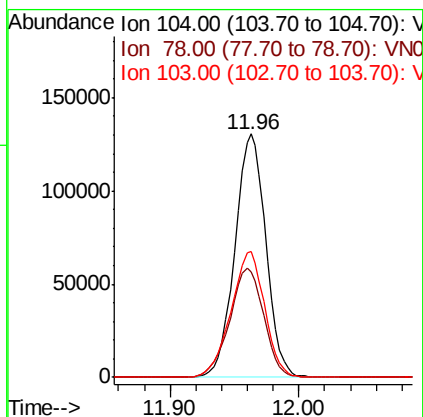
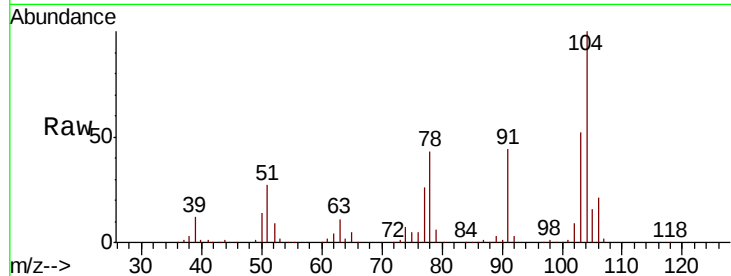
#69
Stvrene
Concen: 19.194 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	41.3	61.9
103	56.2	43.3	64.9

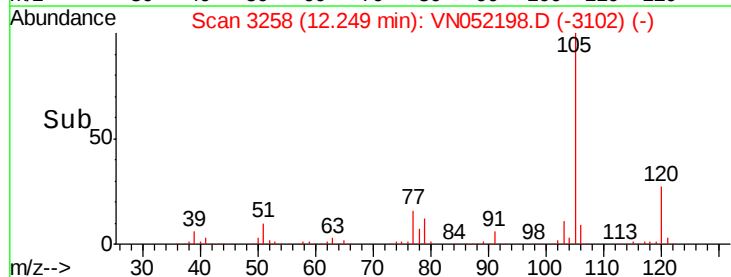
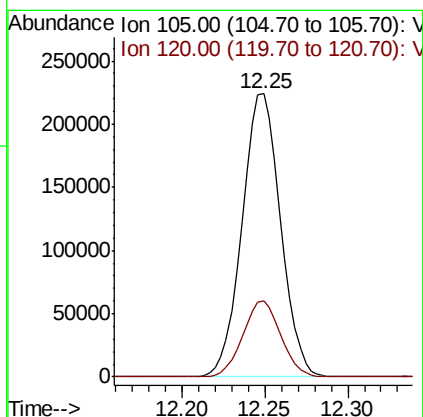
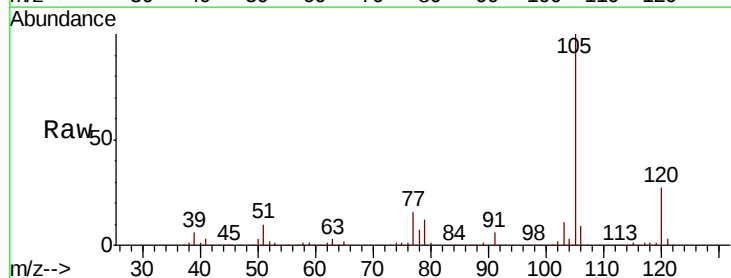
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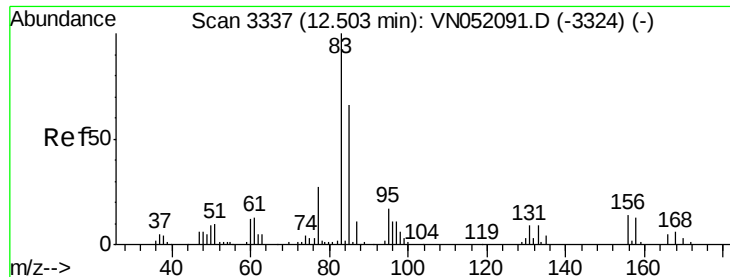
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#70
Isopropylbenzene
Concen: 19.180 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.4	34.2





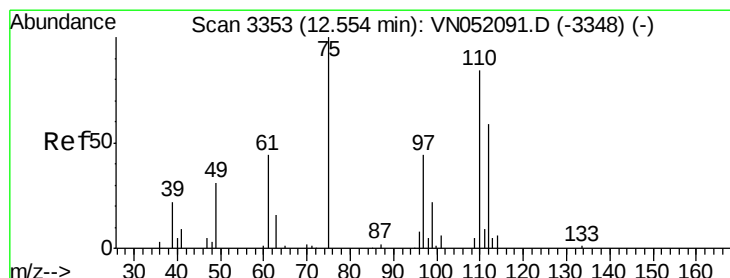
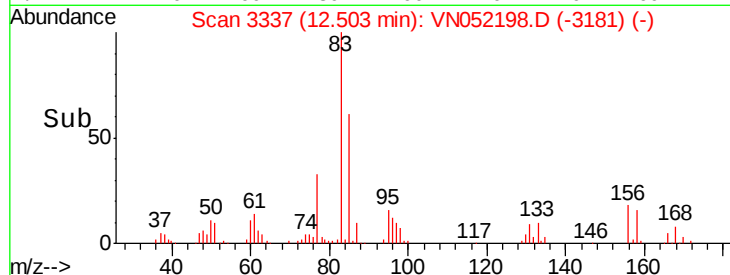
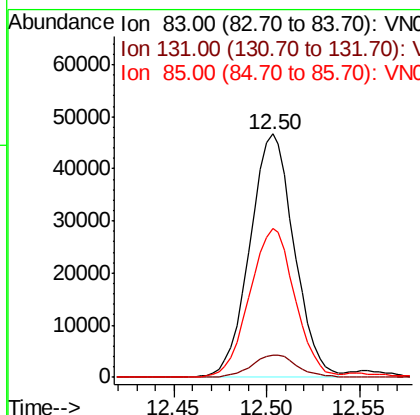
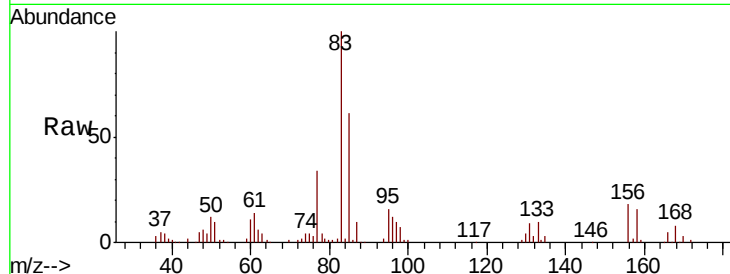
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.784 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	77942
Ion Ratio	100	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	62.3	32.7	98.1

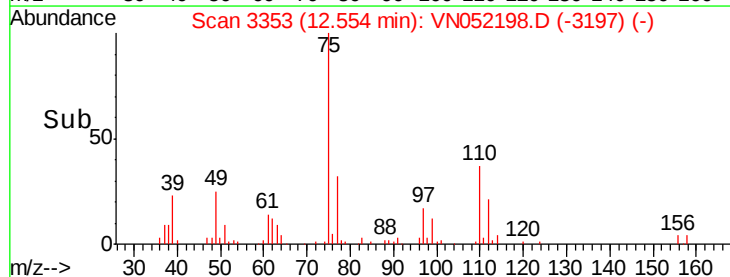
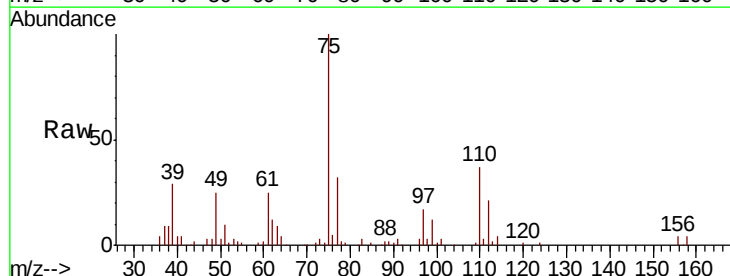
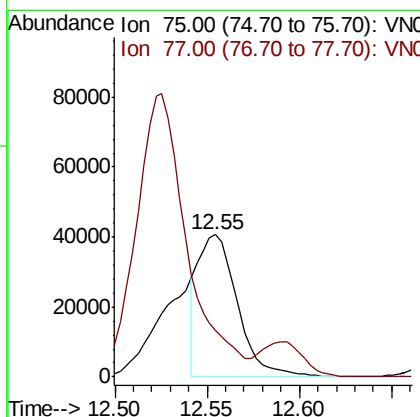
Manual Integrations
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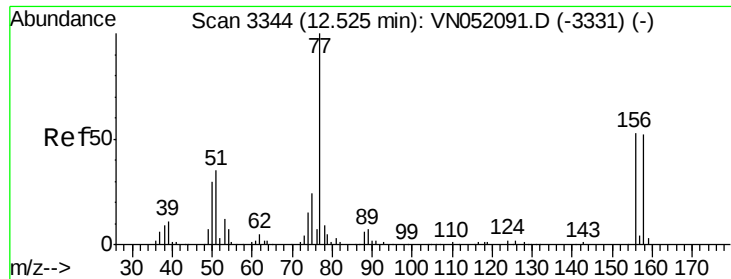
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#72
 1,2,3-Trichloropropane
 Concen: 16.302 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	75	Resp	59476
Ion Ratio	100	Lower	Upper
75	100		
77	261.9	0.0	481.8





#73

Bromobenzene

Concen: 19.913 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

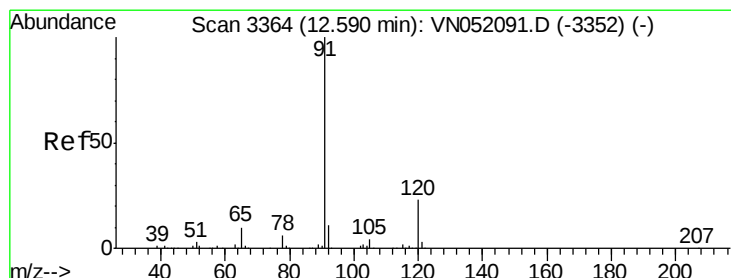
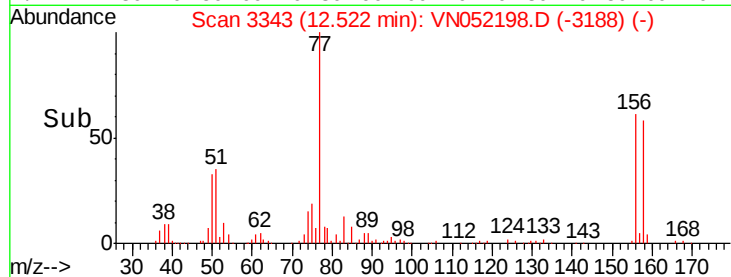
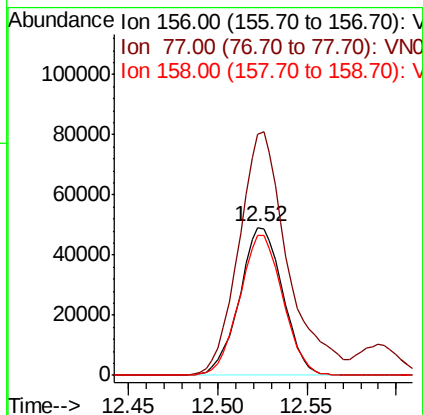
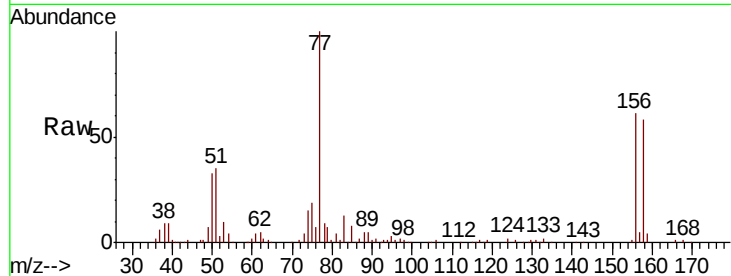
ClientSampled :

VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	187.1	0.0	428.0	
158	95.1	0.0	196.8	

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#74

n-propylbenzene

Concen: 19.099 ug/l

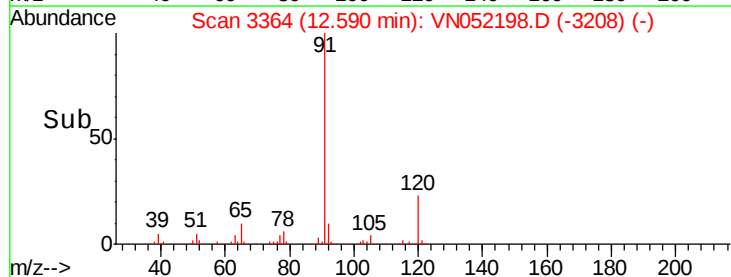
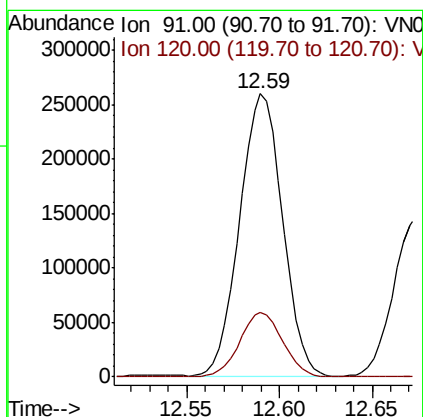
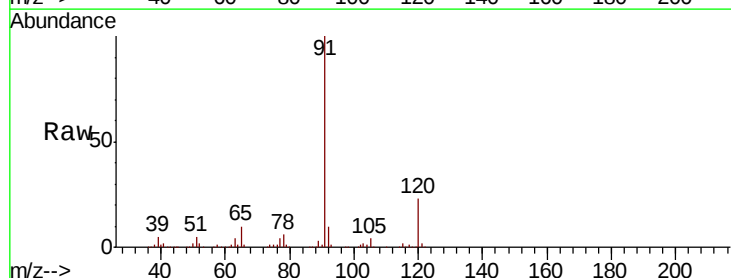
RT: 12.59 min Scan# 3364

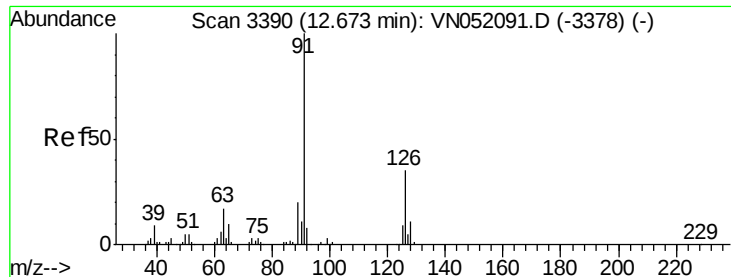
Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	0.0	44.8	





#75

2-Chlorotoluene

Concen: 18.986 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 240462

Ion Ratio Lower Upper

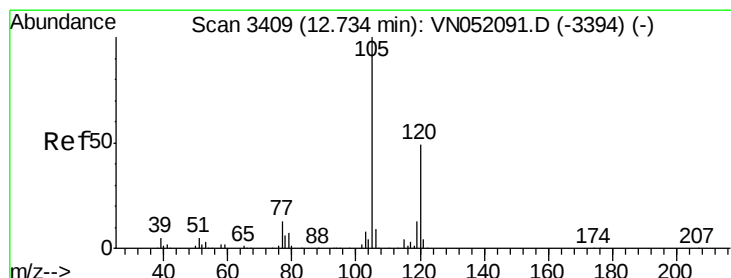
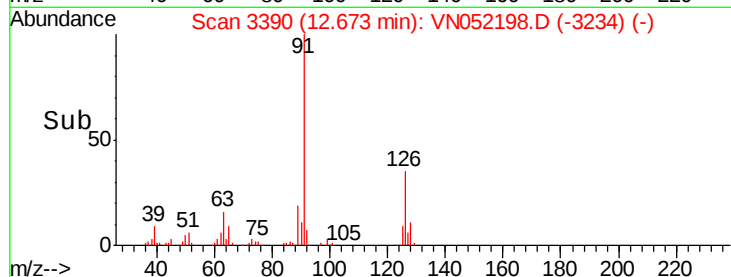
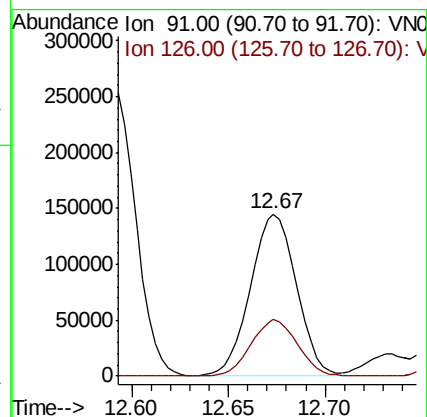
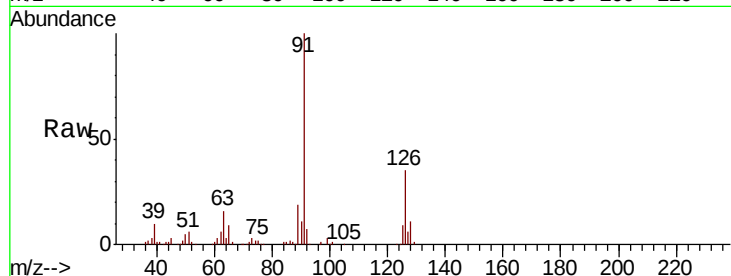
91 100

126 35.2 0.0 68.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.072 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052198.D

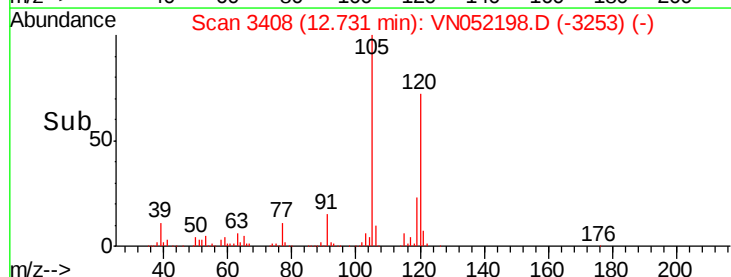
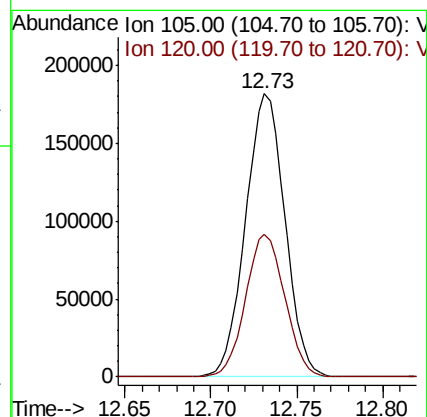
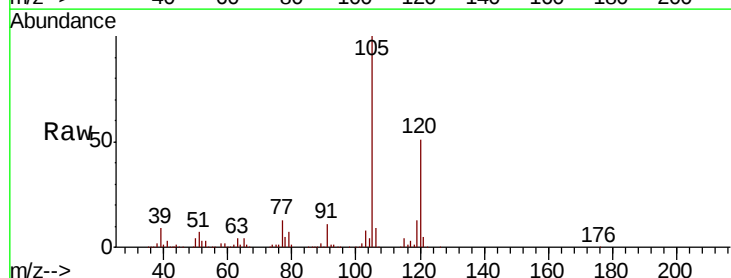
Acq: 7 Nov 2018 10:12

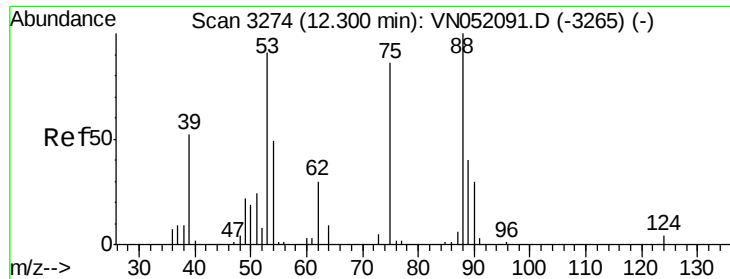
Tgt Ion: 105 Resp: 288498

Ion Ratio Lower Upper

105 100

120 50.3 0.0 95.8





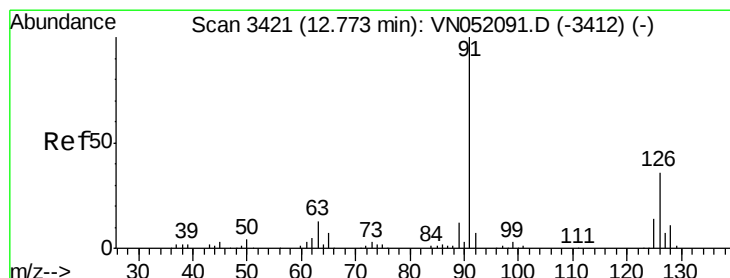
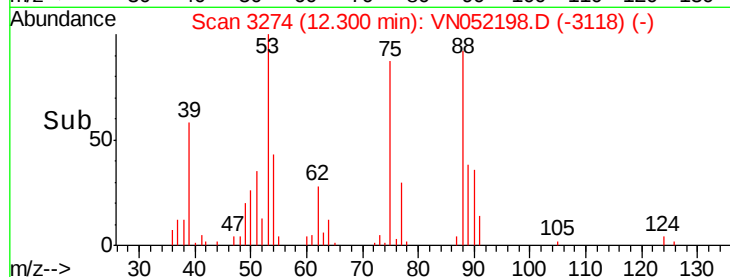
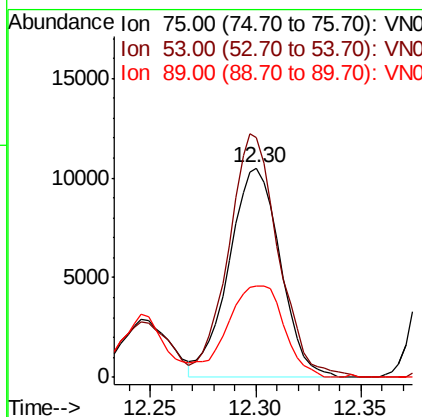
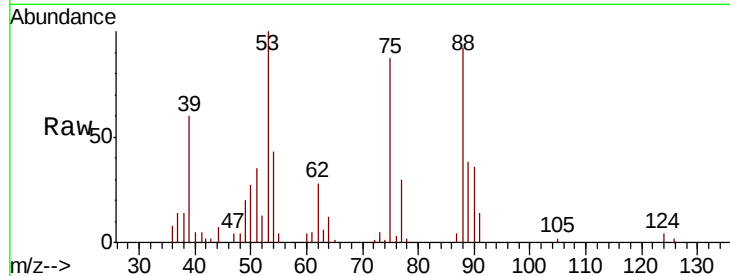
#77
t-1,4-Dichloro-2-butene
Concen: 15.612 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	50.7	152.1
89	43.6	23.8	71.5

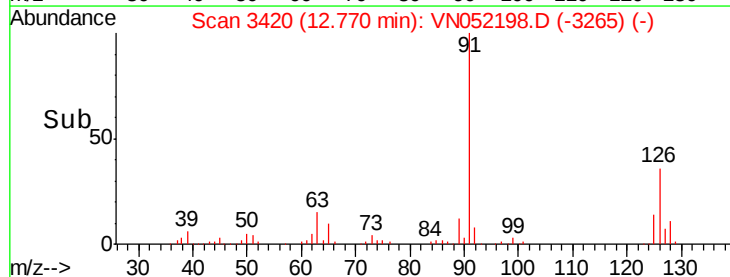
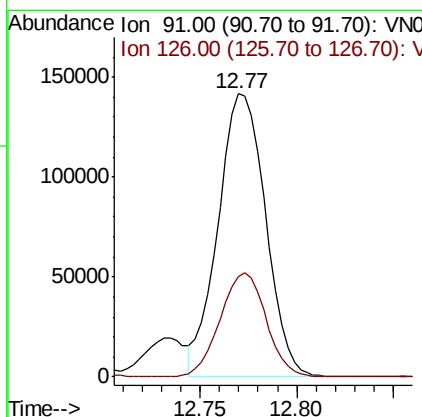
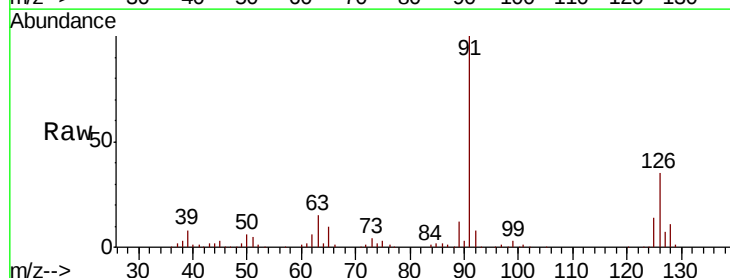
Manual Integrations
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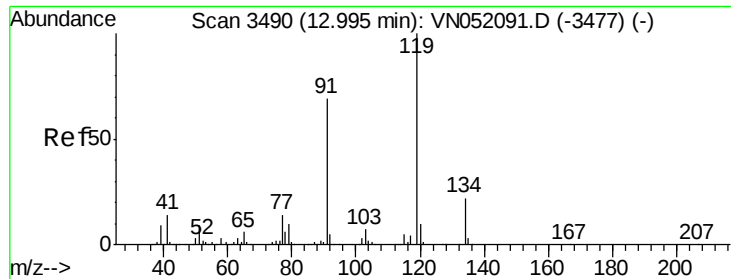
MMDadoda
11/8/2018 9:13:46 AM



#78
4-Chlorotoluene
Concen: 18.959 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	0.0	68.0





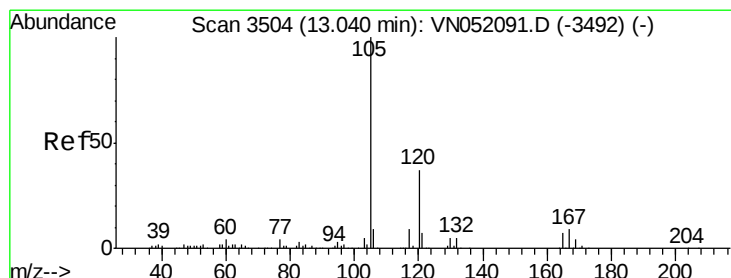
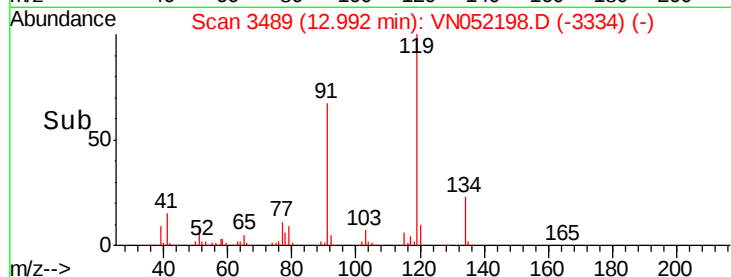
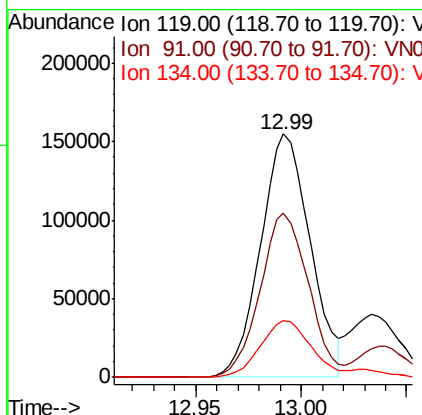
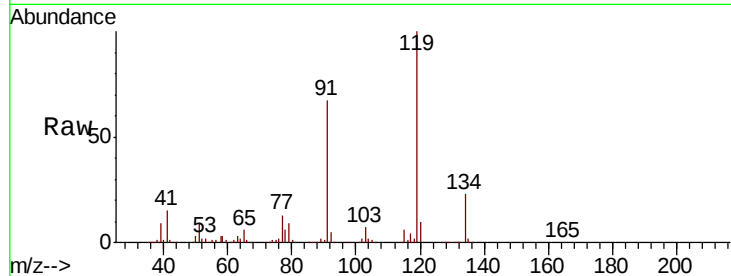
#79
tert-butylbenzene
Concen: 19.259 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	253777		
91	65.8	0.0	131.2	
134	23.8	0.0	45.8	

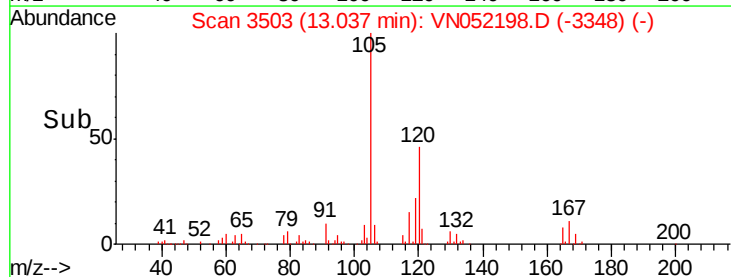
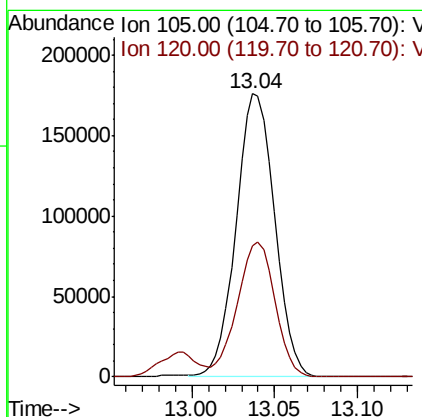
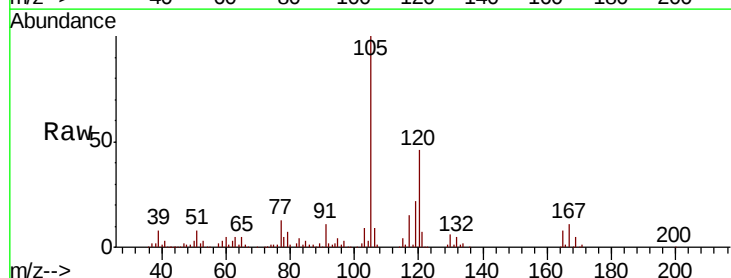
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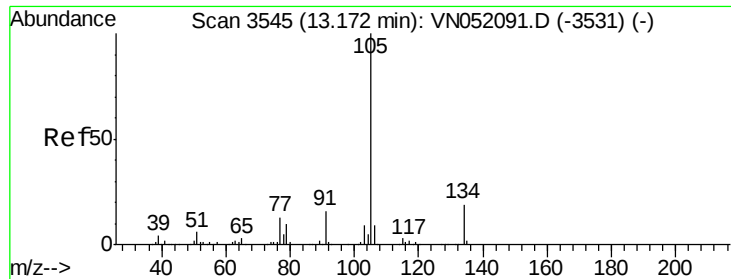
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#80
1,2,4-Trimethylbenzene
Concen: 18.938 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285389		
120	46.4	0.0	89.4	





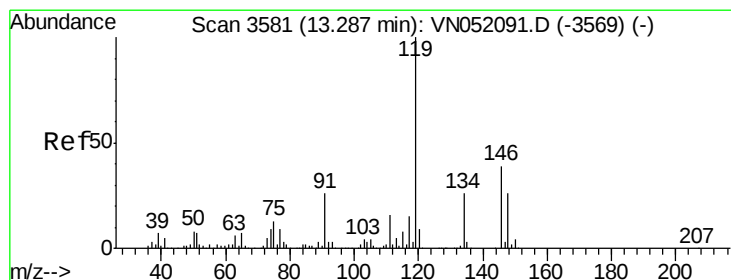
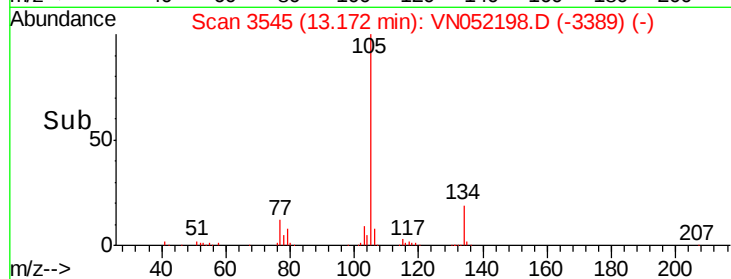
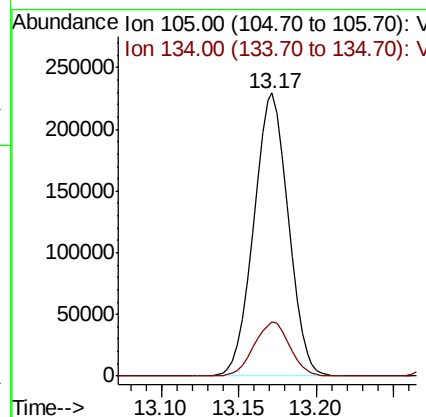
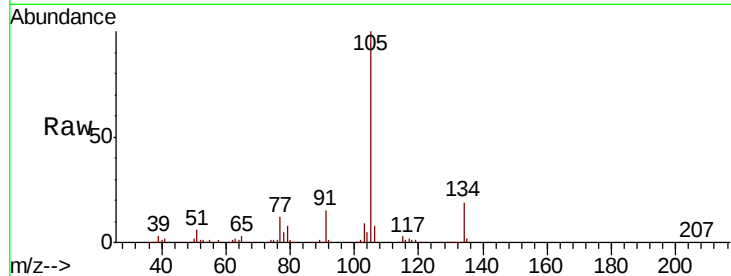
#81
 sec-Butylbenzene
 Concen: 19.722 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	38.6

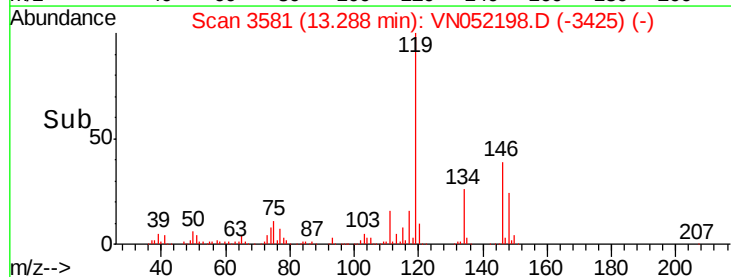
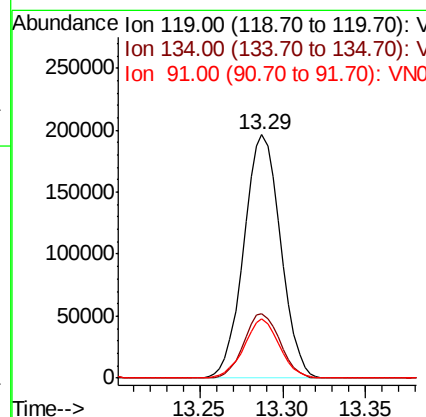
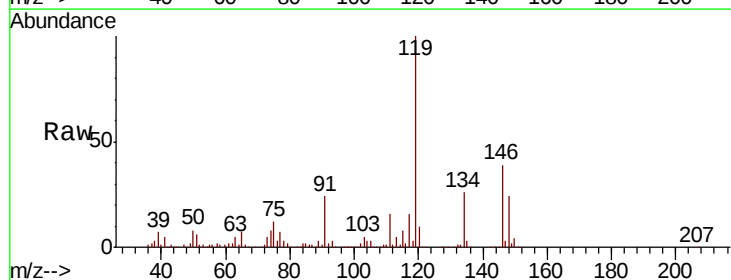
Manual Integrations
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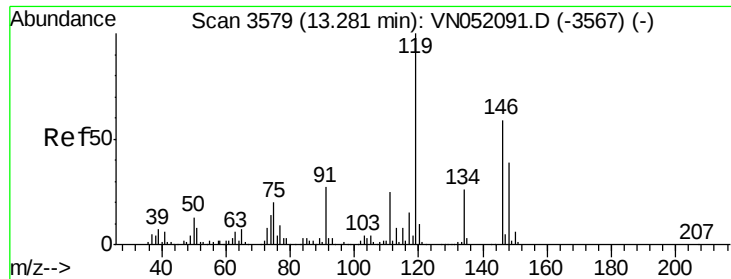
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#82
 p-Isopropyltoluene
 Concen: 19.795 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	52.0
91	23.4	0.0	50.8





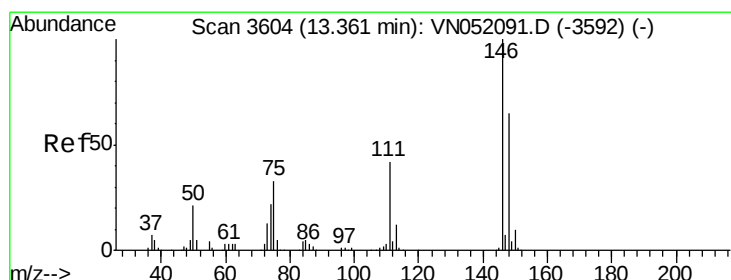
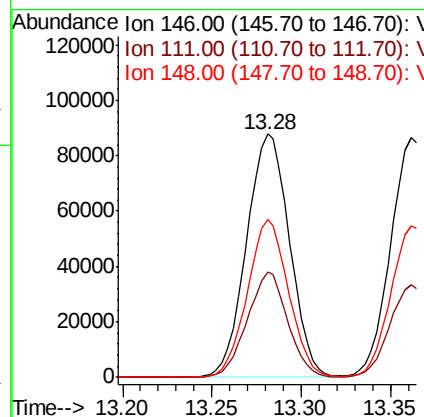
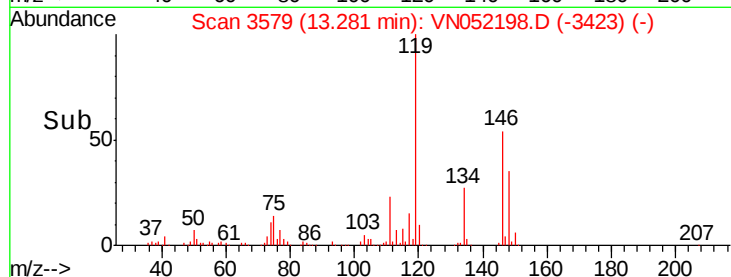
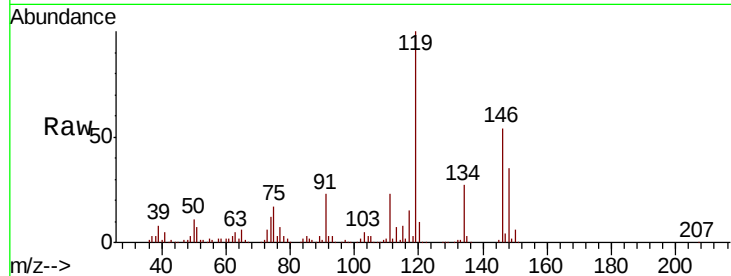
#83
 1,3-Dichlorobenzene
 Concen: 20.033 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.0	63.0
148	62.1	33.4	100.2

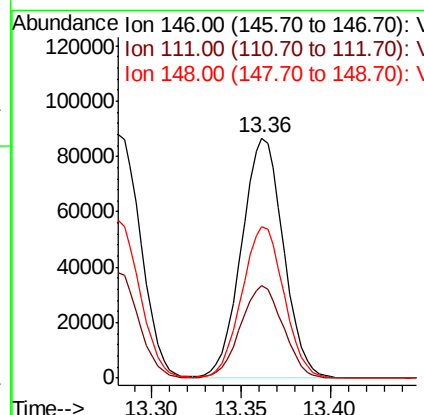
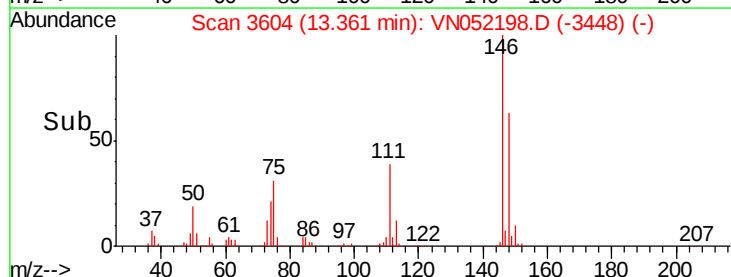
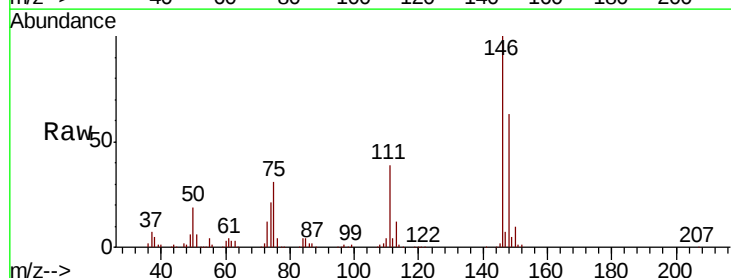
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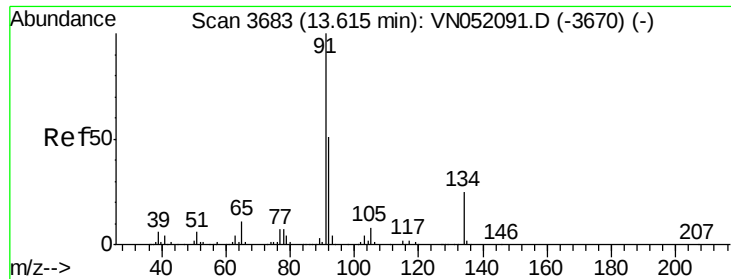
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#84
 1,4-Dichlorobenzene
 Concen: 19.471 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.4	64.2
148	63.3	32.6	98.0





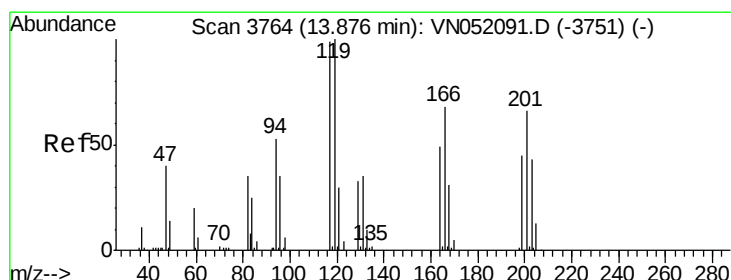
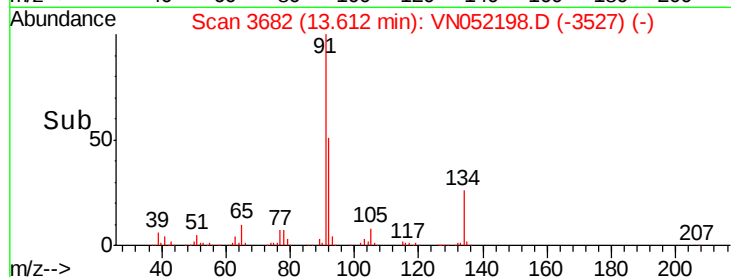
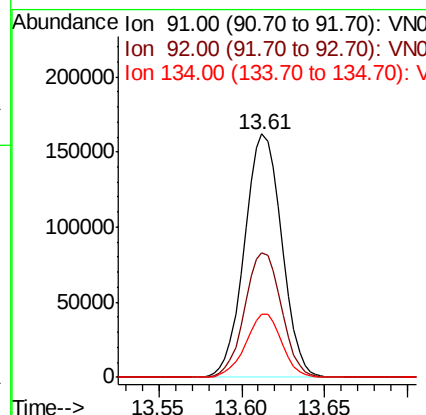
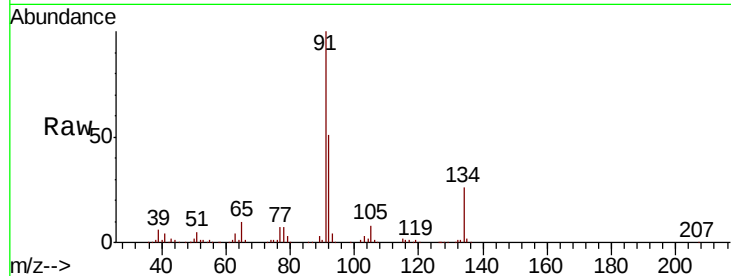
#85
n-Butylbenzene
Concen: 19.075 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	253011		
92	50.6	0.0	102.8	
134	24.9	0.0	49.2	

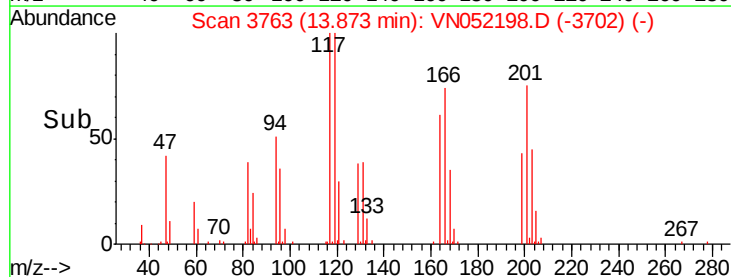
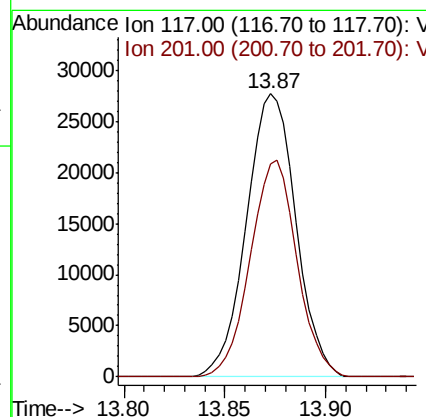
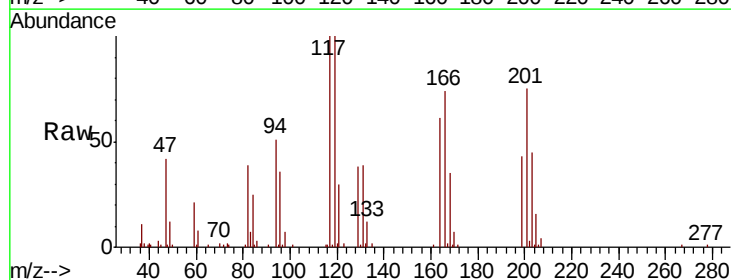
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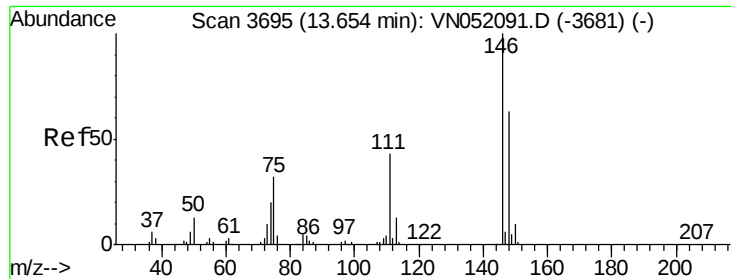
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#86
Hexachloroethane
Concen: 18.351 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052198.D
Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47457		
201	72.5	32.2	96.6	





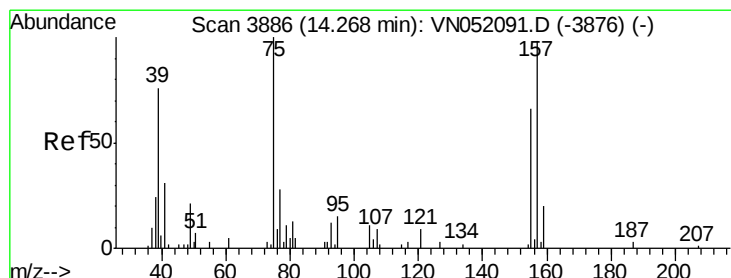
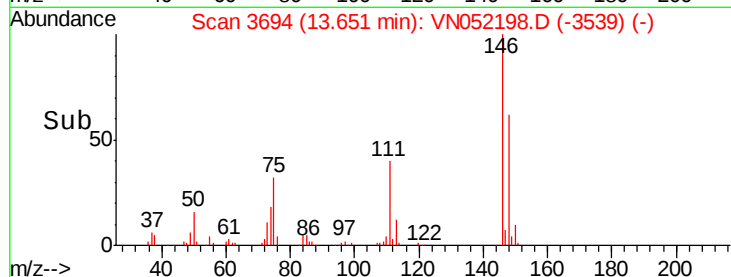
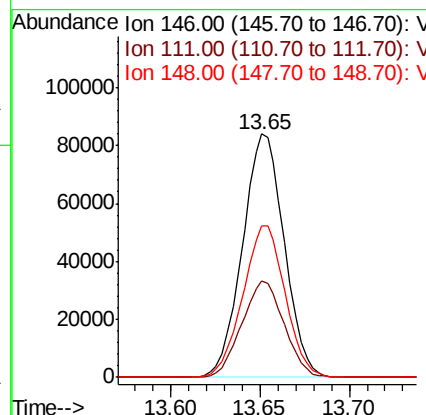
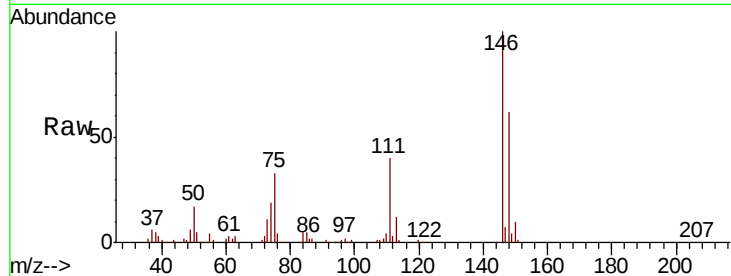
#87
 1,2-Dichlorobenzene
 Concen: 19.566 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	22.4	67.0
148	63.1	32.5	97.4

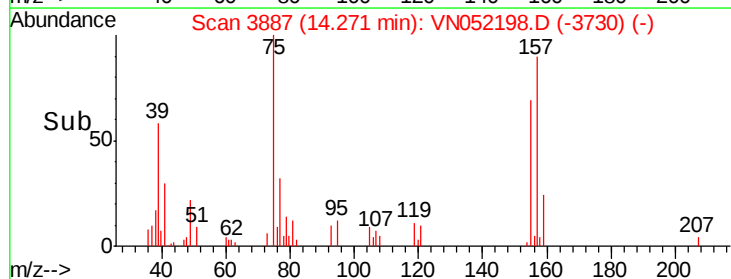
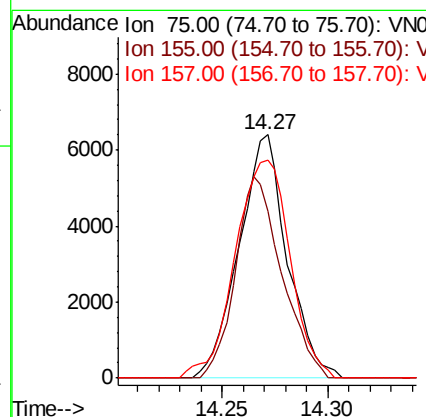
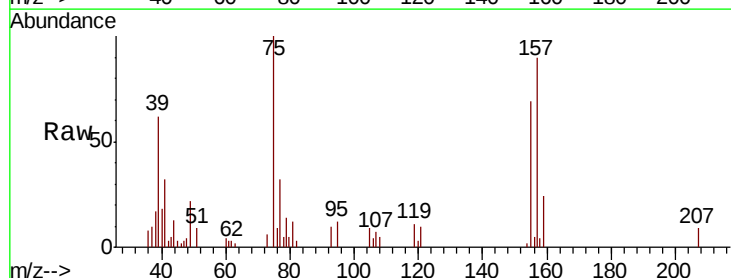
Manual Integrations
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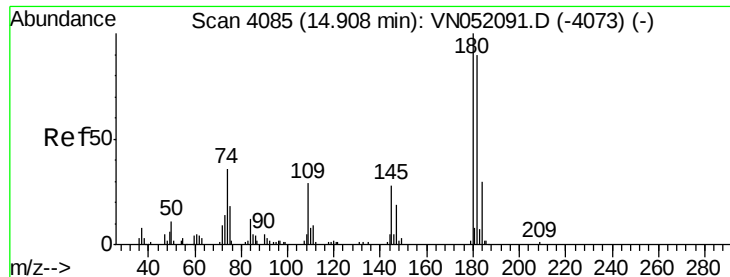
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.919 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	56.7	85.1
157	101.9	80.4	120.6





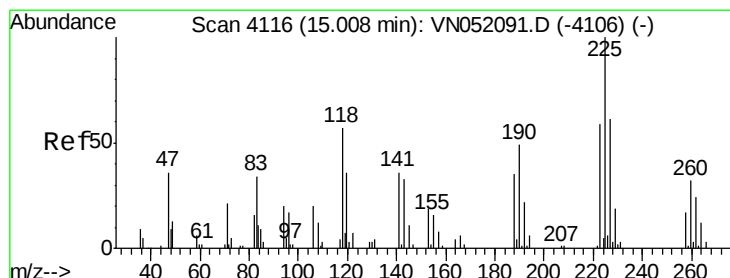
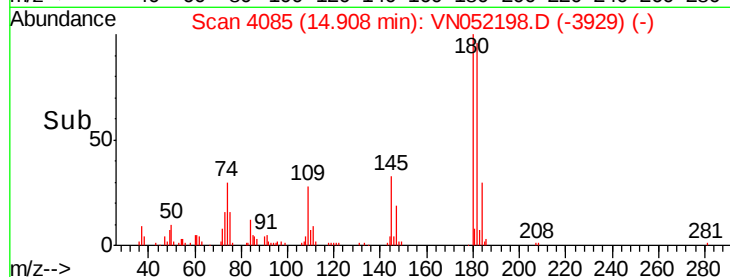
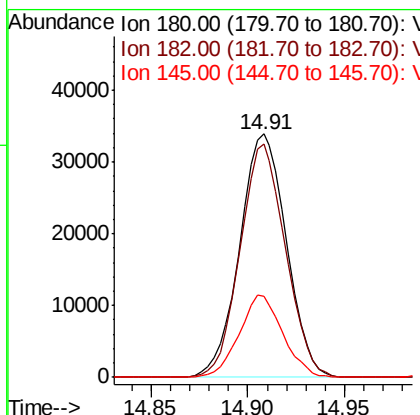
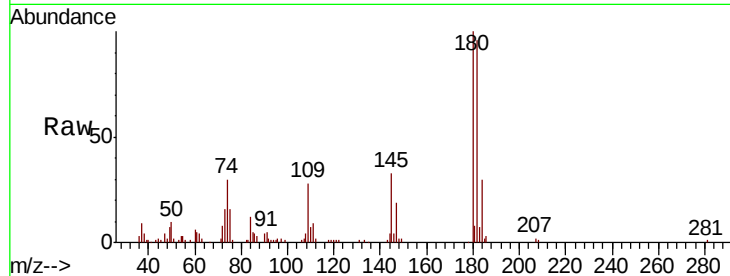
#89
 1,2,4-Trichlorobenzene
 Concen: 19.954 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.0	111.0
145	31.5	24.6	36.8

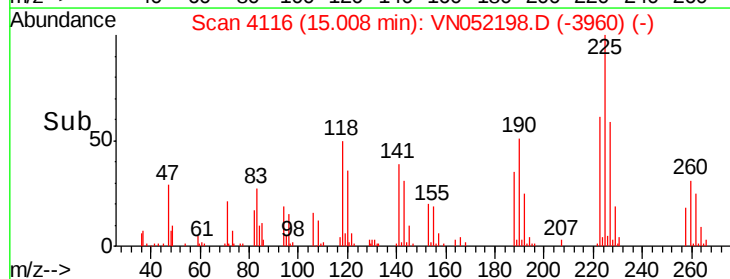
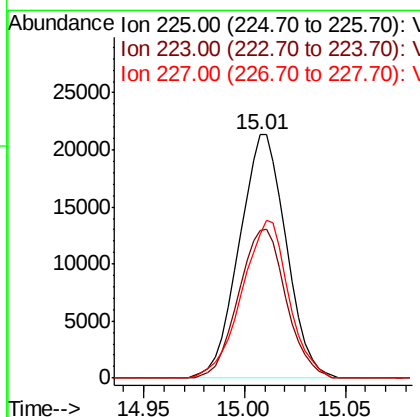
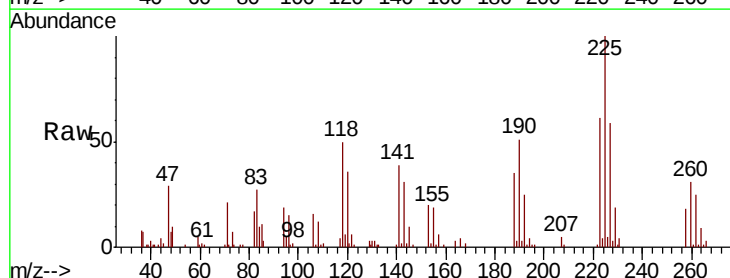
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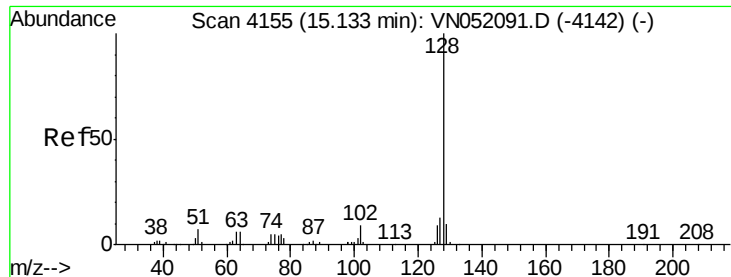
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#90
 Hexachlorobutadiene
 Concen: 22.295 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052198.D
 Acq: 7 Nov 2018 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	121.2
227	64.4	0.0	127.2





#91

Naphthalene

Concen: 18.834 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Instrument :

MSVOA_N

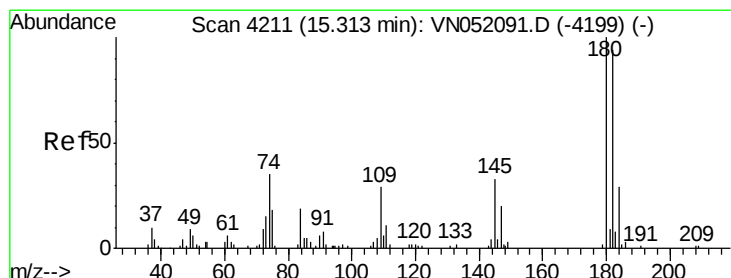
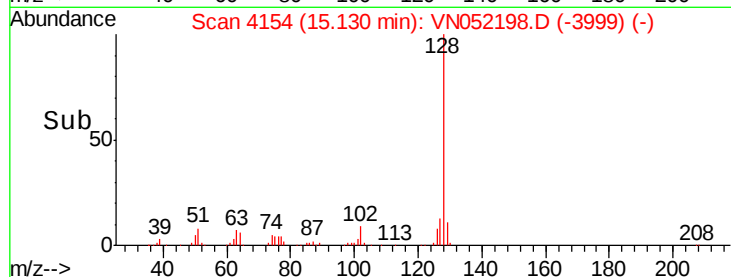
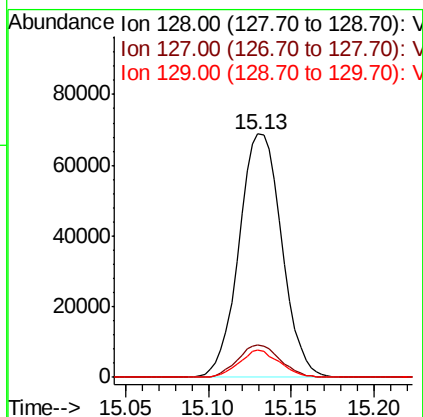
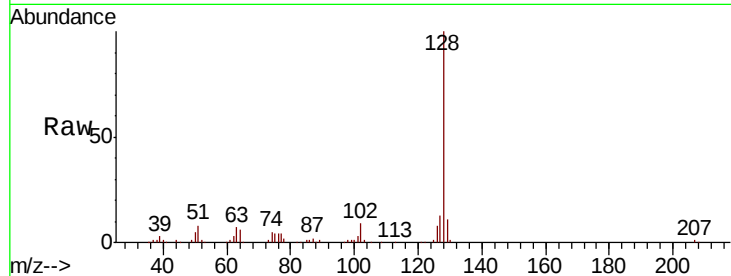
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	123788
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.4	8.3	12.5

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 20.272 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052198.D

Acq: 7 Nov 2018 10:12

Tgt Ion:	180	Resp:	50382
Ion Ratio	Lower	Upper	
180	100		
182	89.8	0.0	186.6
145	30.6	0.0	66.6

