

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052330.D
 Acq On : 15 Nov 2018 8:19
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 4:06:47 PM

Quant Time: Nov 16 02:59:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	281745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	463134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187620	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	147887	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.09	98	579952	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.40	95	197603	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	154425	51.72	ug/l	99
3) Chloromethane	2.06	50	207235	49.95	ug/l	100
4) Vinyl Chloride	2.19	62	178065	49.65	ug/l	98
5) Bromomethane	2.57	94	110753	49.53	ug/l	100
6) Chloroethane	2.71	64	100379	49.50	ug/l	98
7) Trichlorofluoromethane	3.02	101	249782	50.33	ug/l	99
8) Diethyl Ether	3.41	74	87531	46.28	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	158799	50.67	ug/l	100
10) Methyl Iodide	3.96	142	202769	48.19	ug/l	100
11) Tert butyl alcohol	4.77	59	49819	237.06	ug/l	97
12) 1,1-Dichloroethene	3.74	96	141538	48.80	ug/l	94
13) Acrolein	3.61	56	63858	205.69	ug/l	99
14) Allyl chloride	4.33	41	302210	50.75	ug/l	99
15) Acrylonitrile	4.99	53	280715	233.93	ug/l	98
16) Acetone	3.81	43	280252	255.79	ug/l	95
17) Carbon Disulfide	4.06	76	421652	50.70	ug/l	99
18) Methyl Acetate	4.32	43	146622	47.78	ug/l #	78
19) Methyl tert-butyl Ether	5.04	73	405450	48.65	ug/l	99
20) Methylene Chloride	4.55	84	165740	49.72	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	152822	48.94	ug/l	99
22) Diisopropyl ether	5.95	45	607065	49.96	ug/l	97
23) Vinyl Acetate	5.89	43	2088844	253.41	ug/l	100
24) 1,1-Dichloroethane	5.85	63	317027	48.66	ug/l	100
25) 2-Butanone	6.83	43	378572	245.48	ug/l	97
26) 2,2-Dichloropropane	6.82	77	249047	51.98	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	174488	48.00	ug/l	96
28) Bromochloromethane	7.19	49	158275	47.24	ug/l	100
29) Tetrahydrofuran	7.21	42	231632	228.64	ug/l	100
30) Chloroform	7.37	83	319149	51.40	ug/l	95
31) Cyclohexane	7.65	56	305998	50.60	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	262265	49.58	ug/l	100
36) 1,1-Dichloropropene	7.79	75	240391	51.79	ug/l	99
37) Ethyl Acetate	6.93	43	160457	47.63	ug/l	98
38) Carbon Tetrachloride	7.77	117	232478	54.51	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	283689	53.53	ug/l	98
40) Benzene	8.04	78	676650	51.02	ug/l	98
41) Methacrylonitrile	7.17	41	91434	48.95	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	237616	50.25	ug/l	100
43) Isopropyl Acetate	8.16	43	296261	45.57	ug/l	99
44) Trichloroethene	8.83	130	171586	52.53	ug/l	99
45) 1,2-Dichloropropane	9.12	63	188721	50.15	ug/l	99
46) Dibromomethane	9.21	93	108383	49.75	ug/l	98
47) Bromodichloromethane	9.40	83	237002	53.01	ug/l	98
48) Methyl methacrylate	9.20	41	153978	46.68	ug/l	99
49) 1,4-Dioxane	9.20	88	27635	1091.34	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	801207	244.84	ug/l	99
52) Toluene	10.15	92	411786	51.91	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	239413	53.10	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	276065	53.71	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	142946	49.71	ug/l	97
56) Ethyl methacrylate	10.43	69	193328	51.12	ug/l	98
57) 1,3-Dichloropropane	10.71	76	253622	49.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	593927	275.83	ug/l	99
59) 2-Hexanone	10.75	43	578024	256.81	ug/l	99
60) Dibromochloromethane	10.90	129	159550	51.28	ug/l	98
61) 1,2-Dibromoethane	11.00	107	142041	49.58	ug/l	100
64) Tetrachloroethene	10.63	164	152570	51.24	ug/l	97
65) Chlorobenzene	11.43	112	449221	50.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157714	52.24	ug/l	98
67) Ethyl Benzene	11.51	91	804372	52.35	ug/l	100
68) m/p-Xylenes	11.62	106	601517	107.15	ug/l	98
69) o-Xylene	11.95	106	291916	54.24	ug/l	100
70) Styrene	11.96	104	475476	55.18	ug/l	99
71) Bromoform	12.12	173	94994	53.30	ug/l #	98
73) Isopropylbenzene	12.25	105	793942	51.02	ug/l	98
74) N-amyl acetate	12.07	43	277664	50.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171348	45.55	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	154358m	47.00	ug/l	
77) Bromobenzene	12.53	156	182616	50.44	ug/l	98
78) n-propylbenzene	12.59	91	963834	52.96	ug/l	100
79) 2-Chlorotoluene	12.67	91	538738	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	655215	52.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50148	49.53	ug/l	99
82) 4-Chlorotoluene	12.77	91	551683	50.65	ug/l	100
83) tert-Butylbenzene	12.99	119	567465	51.94	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	664733	53.51	ug/l	99
85) sec-Butylbenzene	13.17	105	790638	53.13	ug/l	99
86) p-Isopropyltoluene	13.29	119	681358	54.05	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	332057	51.64	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	329323	51.51	ug/l	99
89) n-Butylbenzene	13.61	91	625806	57.80	ug/l	100
90) Hexachloroethane	13.87	117	122203	54.73	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	317513	50.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26731	48.19	ug/l	96

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ClientSampleId :
VSTDCCC050

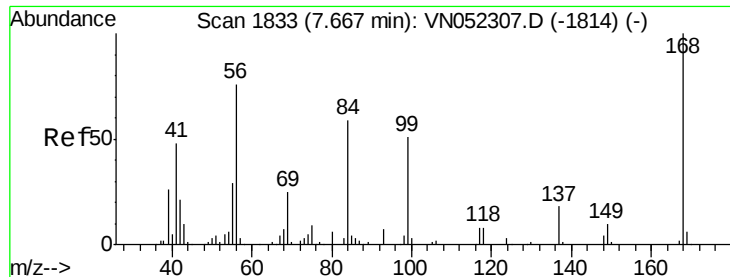
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146533	50.53	ug/l	98
94) Hexachlorobutadiene	15.01	225	76856	53.90	ug/l	99
95) Naphthalene	15.13	128	314049	46.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	126239	53.33	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 281745

Ion Ratio Lower Upper

168 100

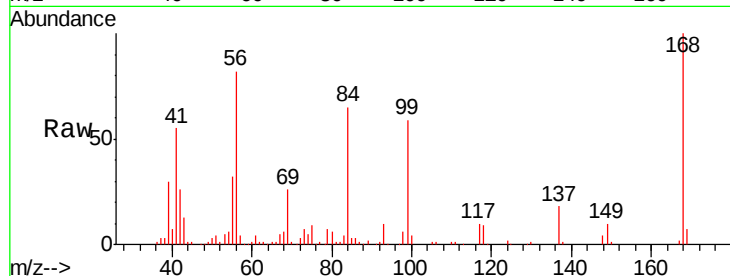
99 59.1 47.9 71.9

Manual Integrations

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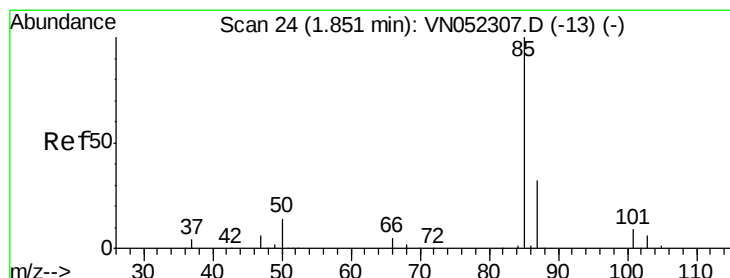
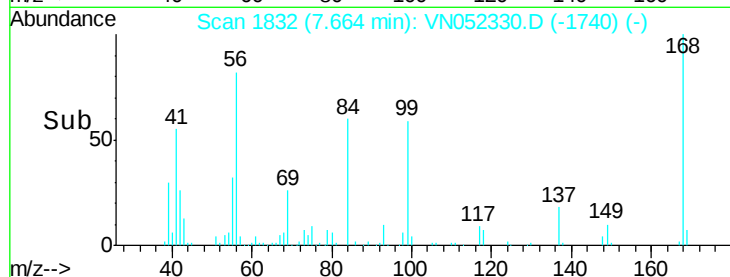
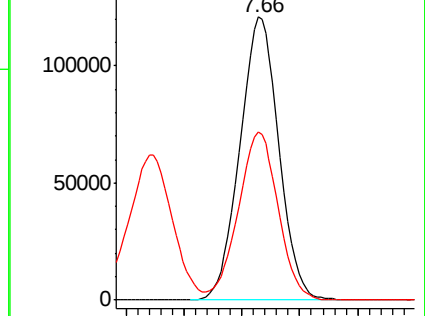
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 51.72 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052330.D

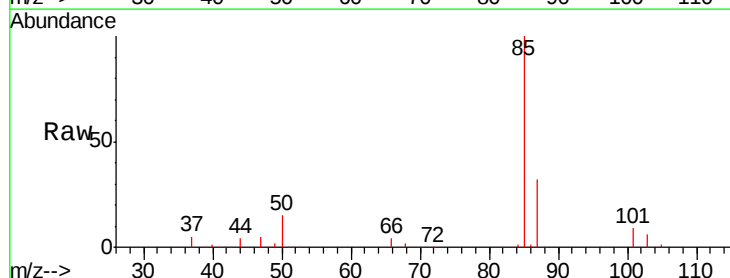
Acq: 15 Nov 2018 8:19

Tgt Ion: 85 Resp: 154425

Ion Ratio Lower Upper

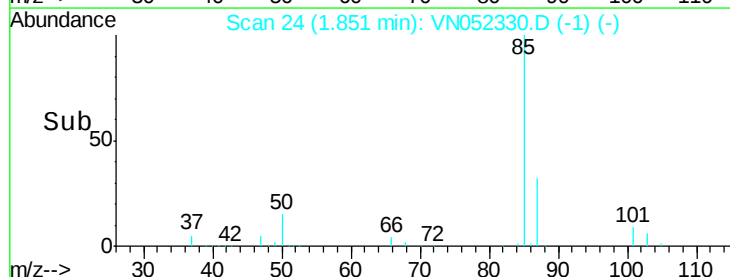
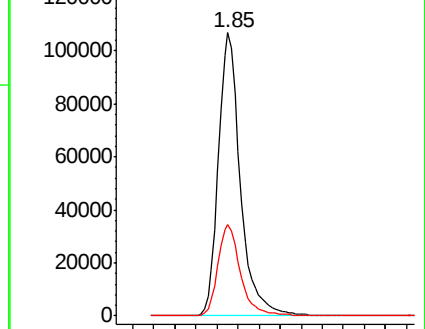
85 100

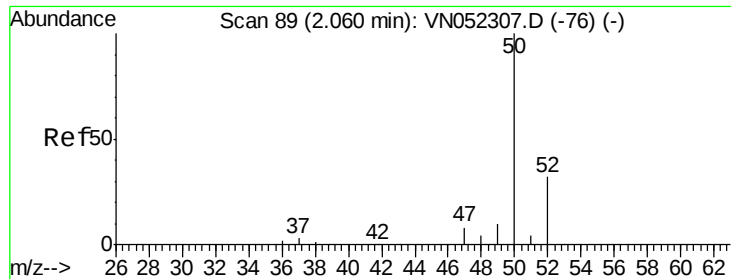
87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





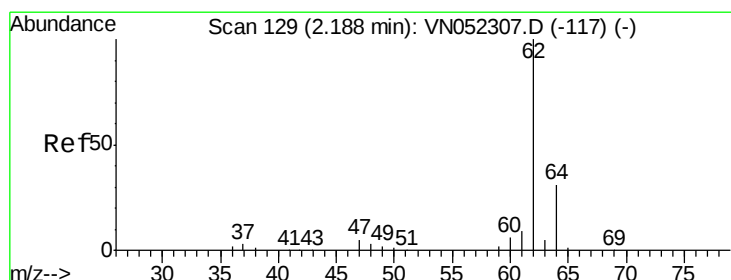
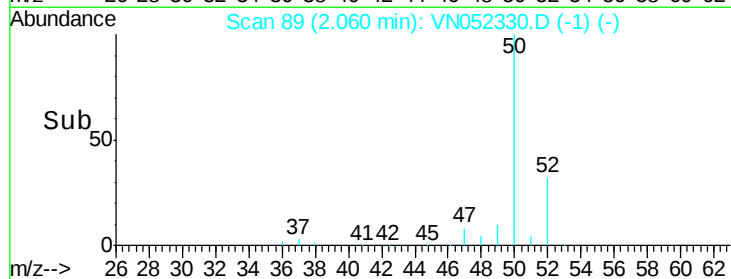
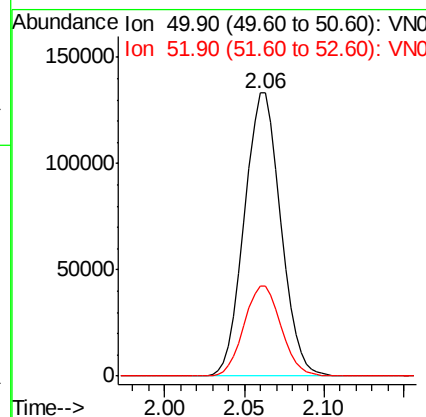
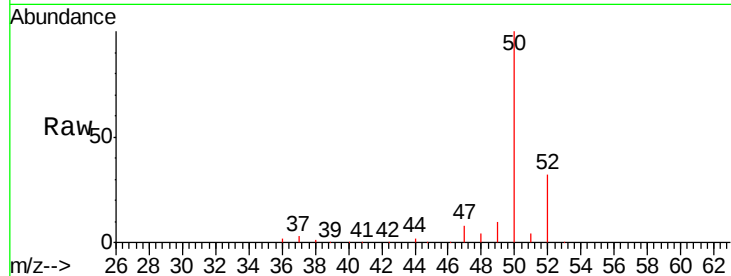
#3
Chloromethane
Concen: 49.95 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.5	38.3

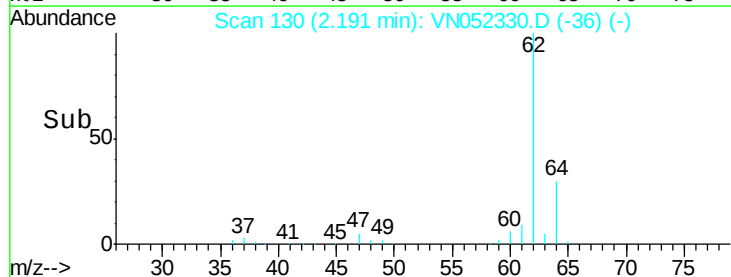
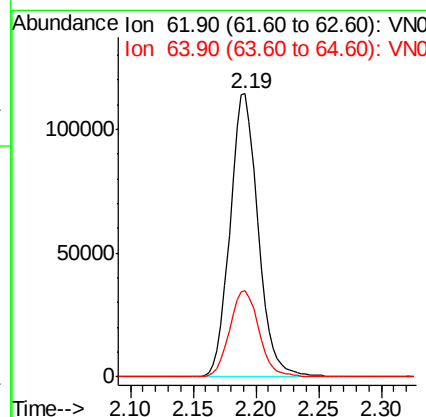
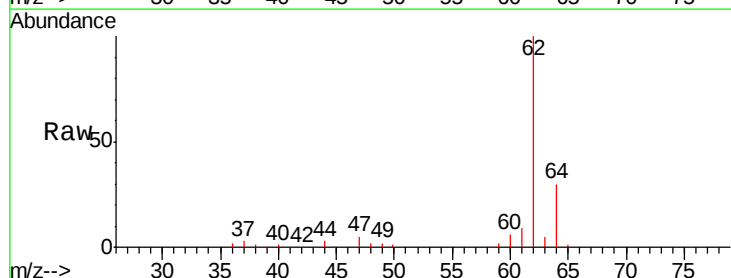
Manual Integrations
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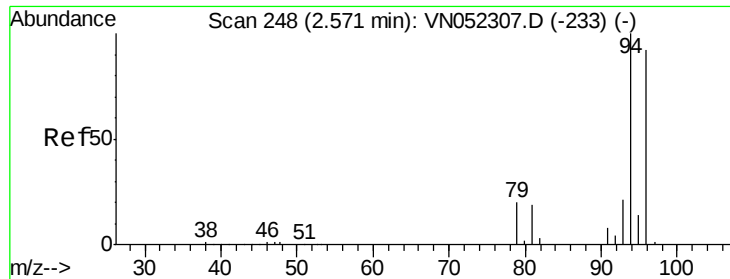
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#4
Vinyl Chloride
Concen: 49.65 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	25.2	37.8





#5

Bromomethane

Concen: 49.53 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 110753

Ion Ratio Lower Upper

94 100

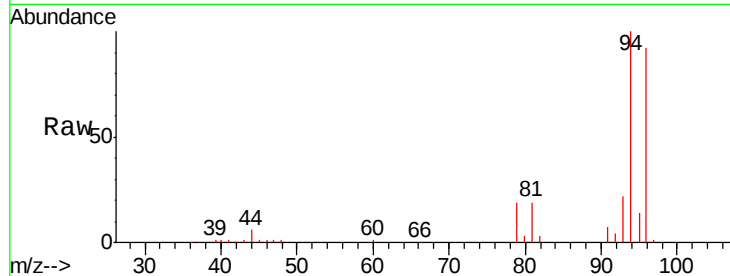
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Manual Integrations

APPROVED

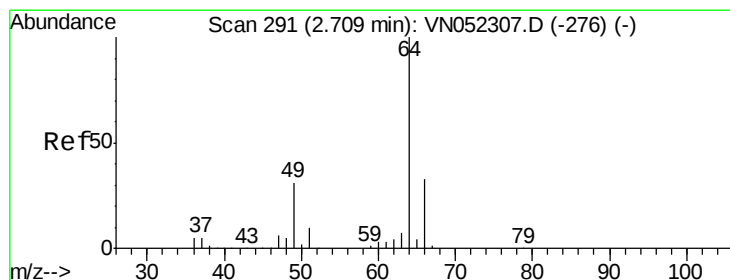
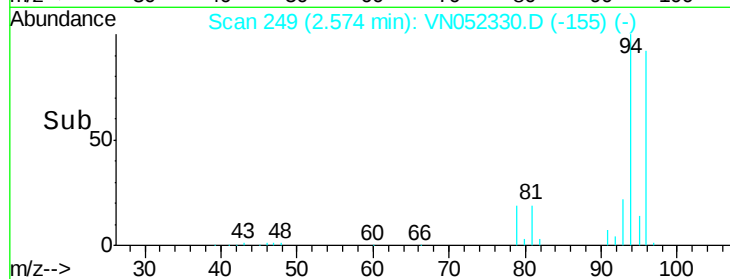
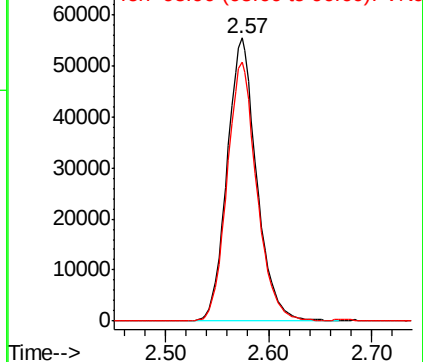
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.50 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052330.D

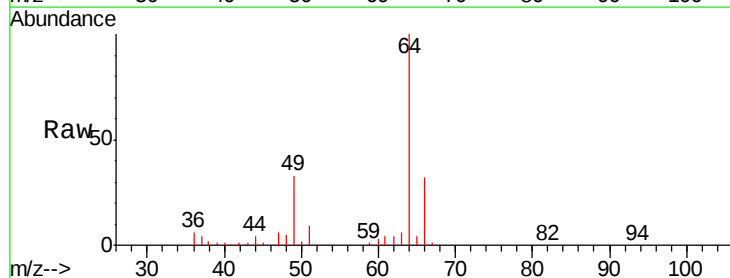
Acq: 15 Nov 2018 8:19

Tgt Ion: 64 Resp: 100379

Ion Ratio Lower Upper

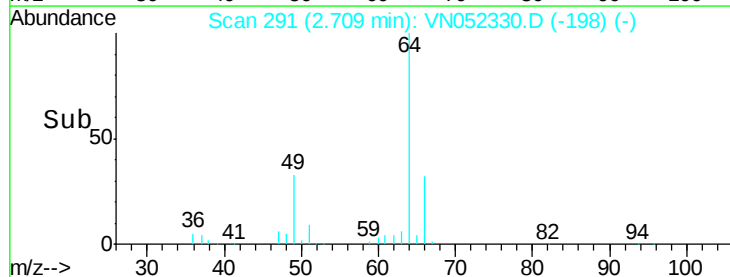
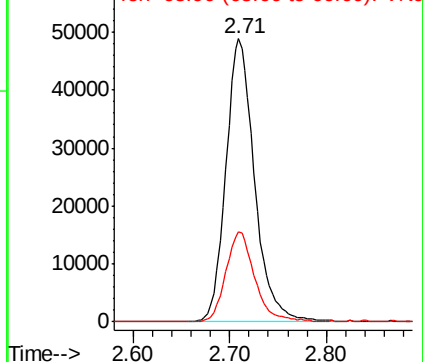
64 100

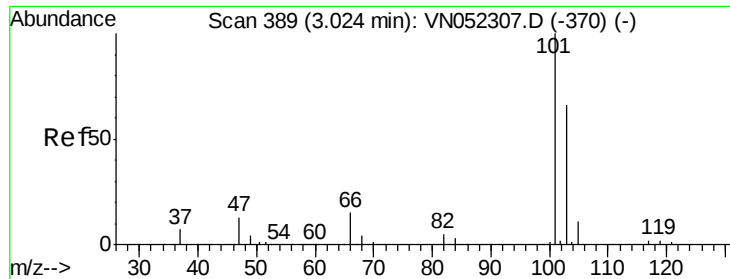
66 31.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

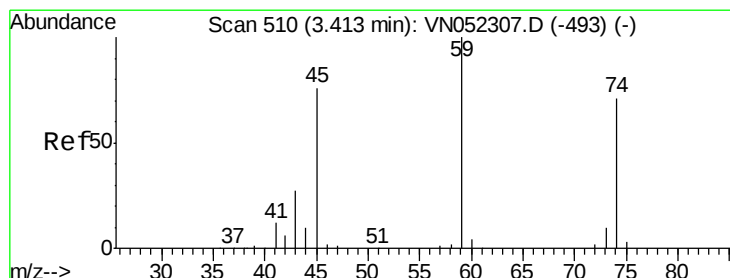
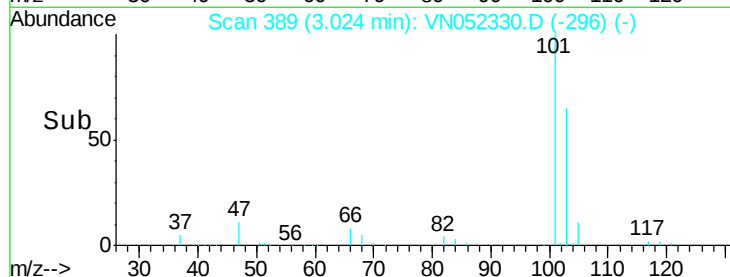
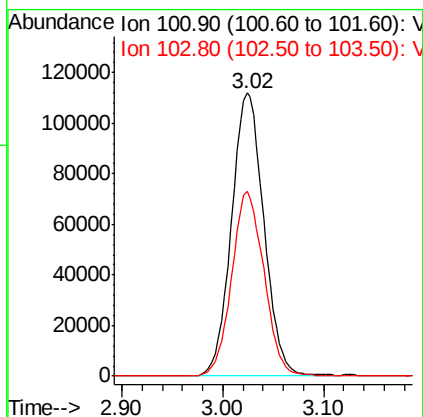
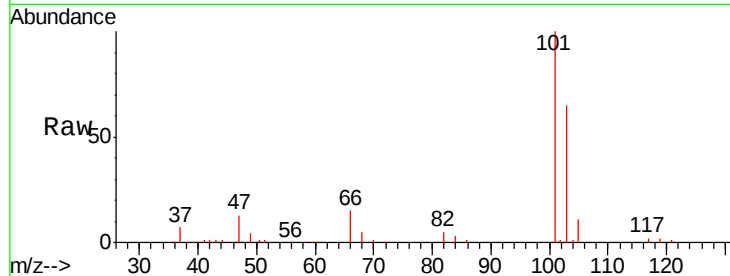
Trichlorofluoromethane
Concen: 50.33 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 249782
Ion Ratio Lower Upper
101 100
103 65.1 52.8 79.2

Manual Integrations
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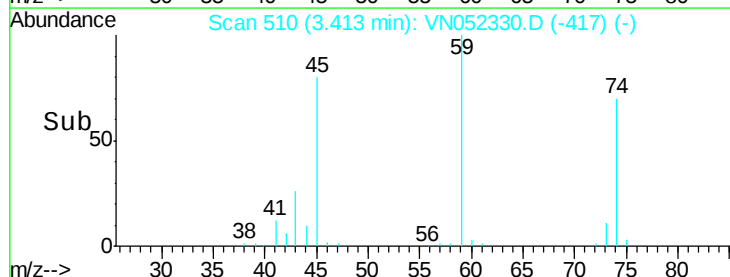
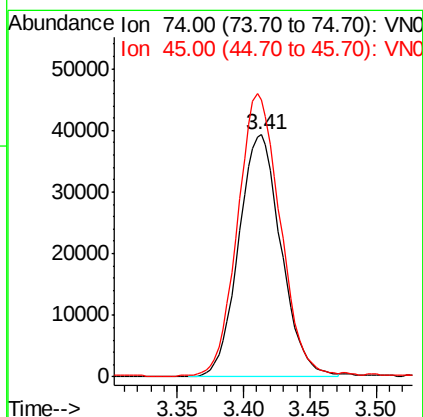
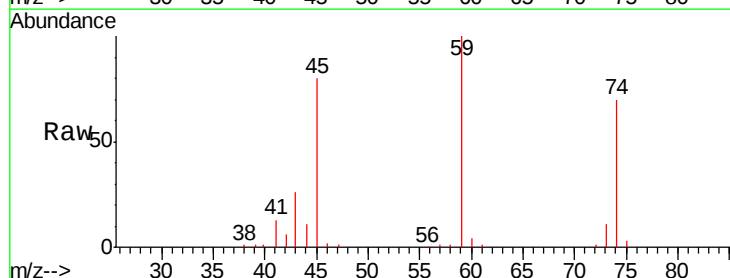
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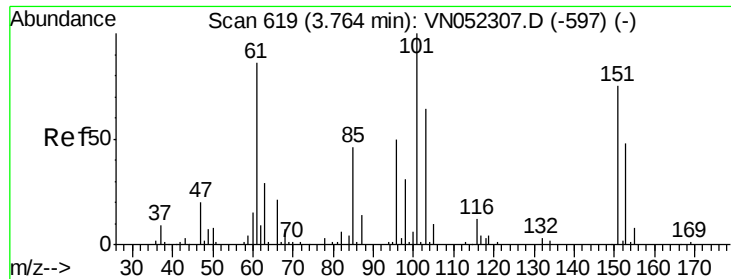


#8

Diethyl Ether
Concen: 46.28 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 74 Resp: 87531
Ion Ratio Lower Upper
74 100
45 117.8 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.67 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

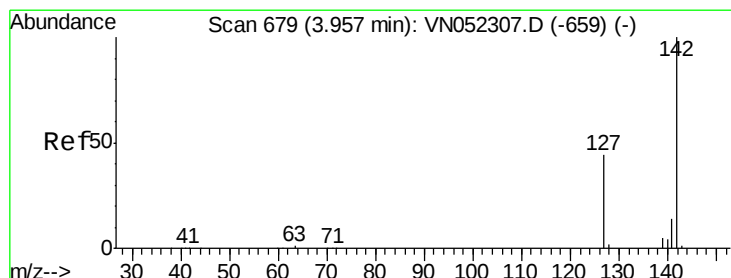
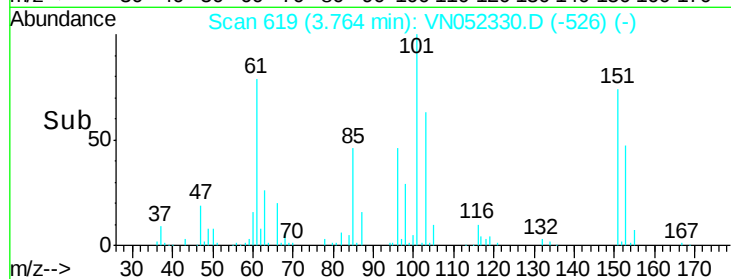
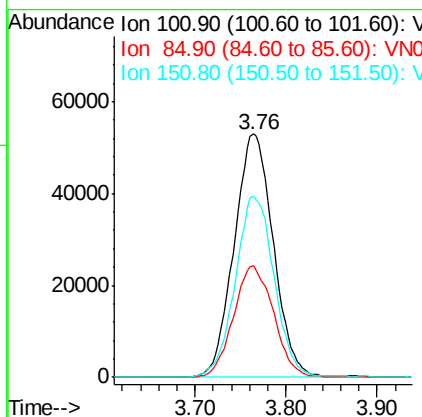
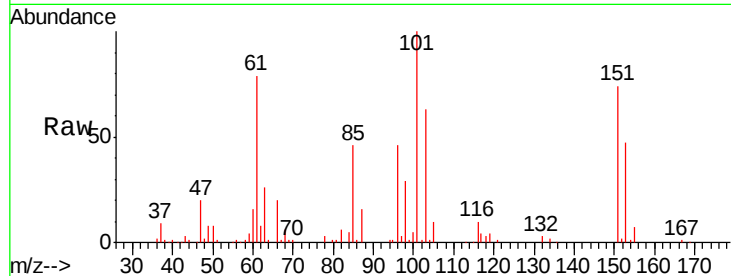
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	158799
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.4	56.0
151	73.8	58.6	88.0

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#10

Methyl Iodide

Concen: 48.19 ug/l

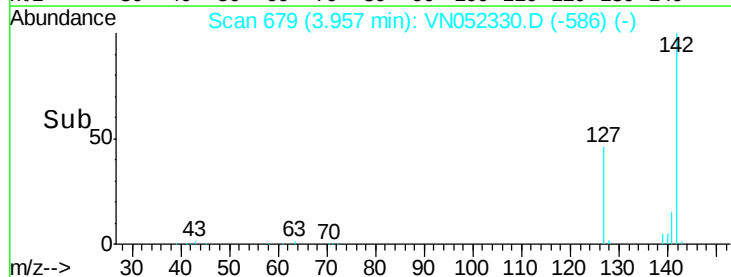
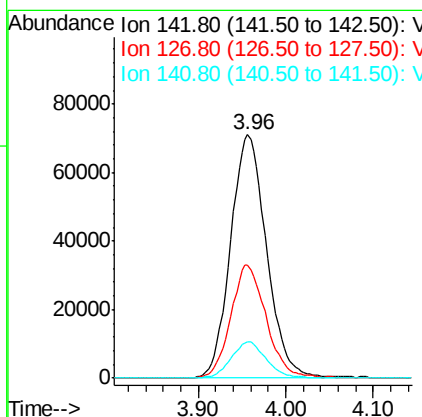
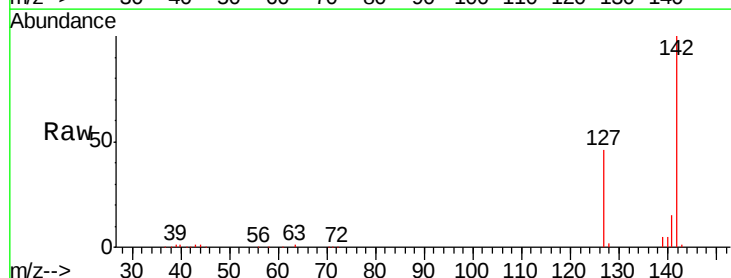
RT: 3.96 min Scan# 679

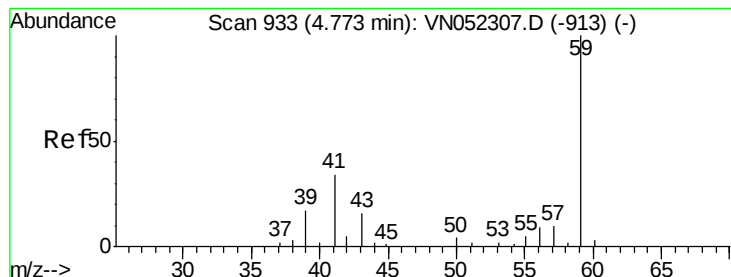
Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion:	142	Resp:	202769
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.3	54.5
141	14.6	11.4	17.2





#11

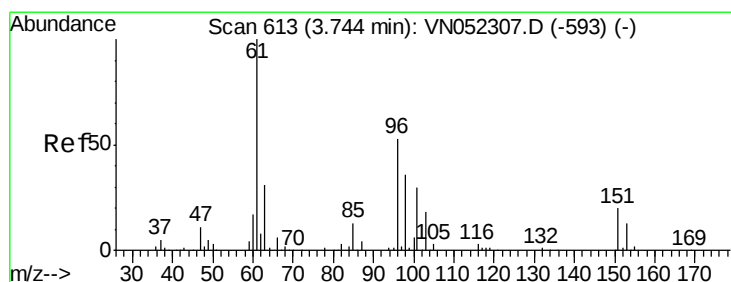
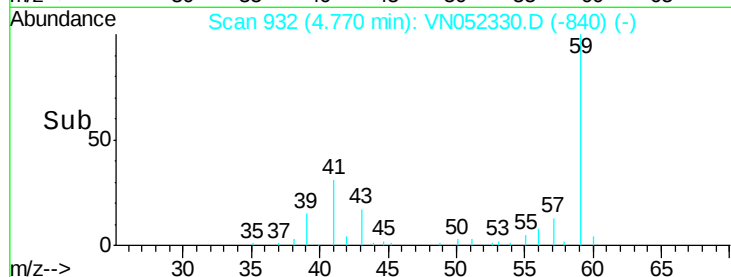
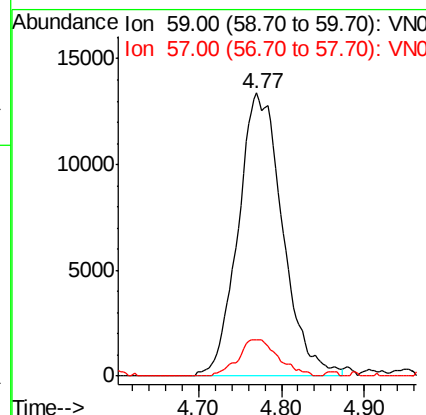
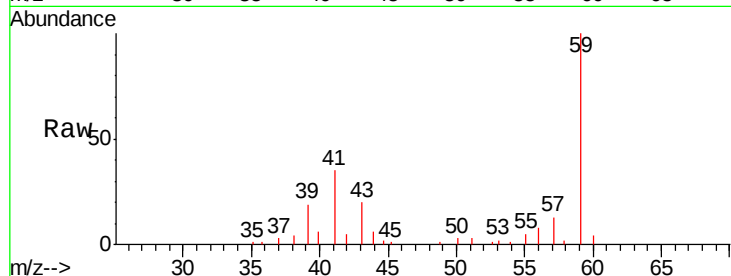
Tert butyl alcohol
Concen: 237.06 ug/l
RT: 4.77 min Scan# 932
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.5	12.7

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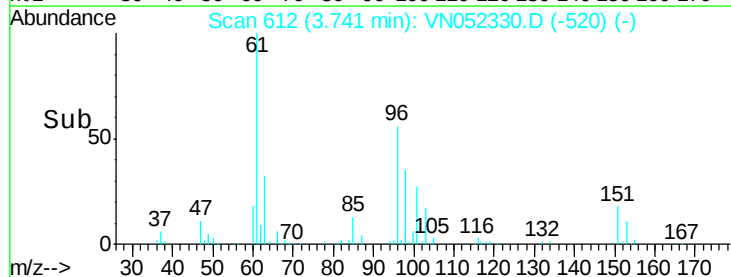
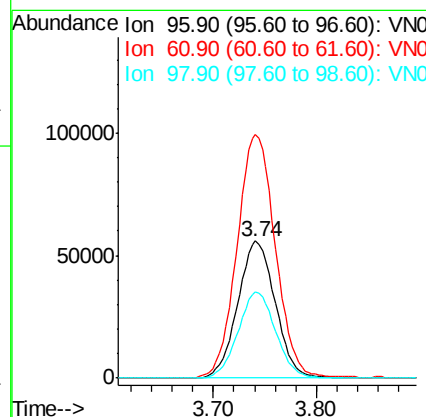
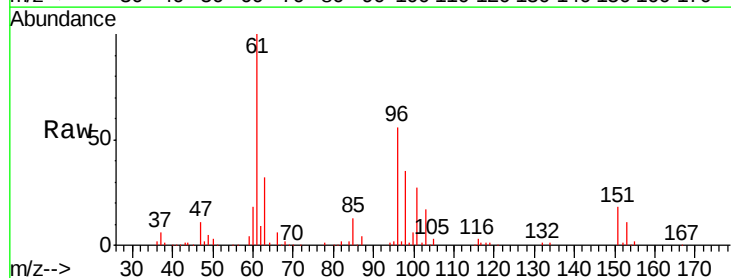
MMDadoda
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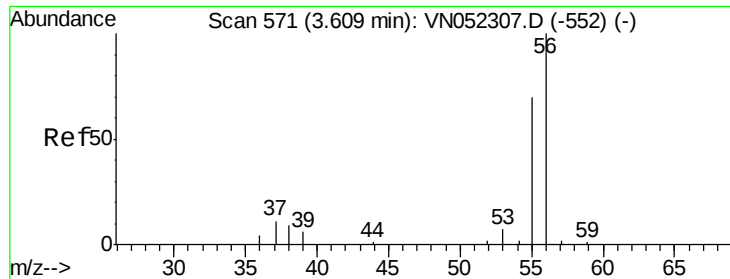


#12

1,1-Dichloroethene
Concen: 48.80 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.5	149.6	224.4
98	62.9	54.2	81.2





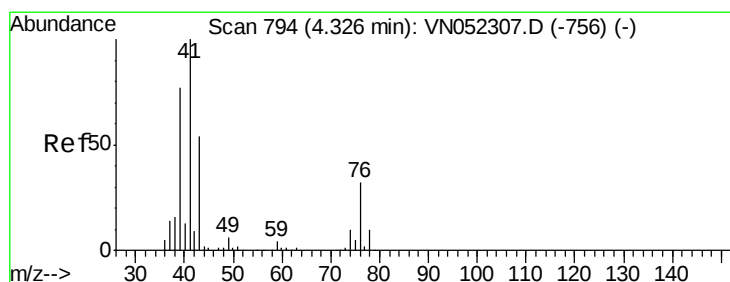
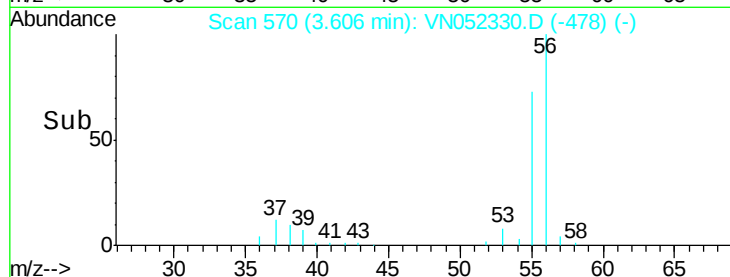
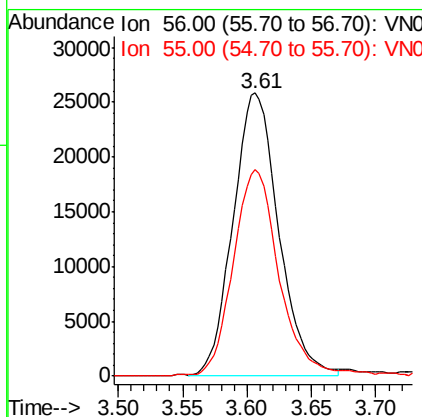
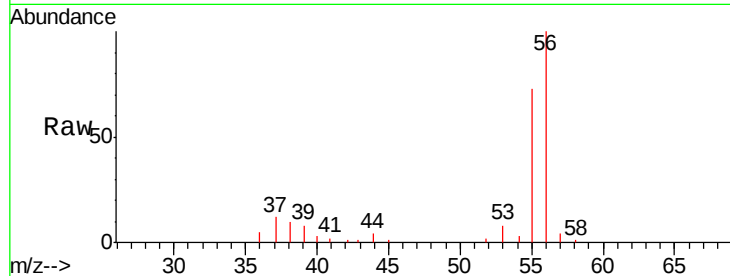
#13
Acrolein
Concen: 205.69 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 63858
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4

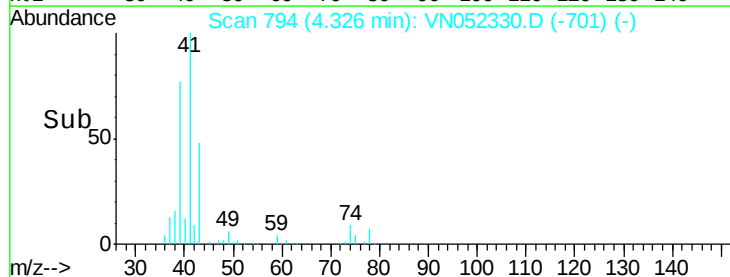
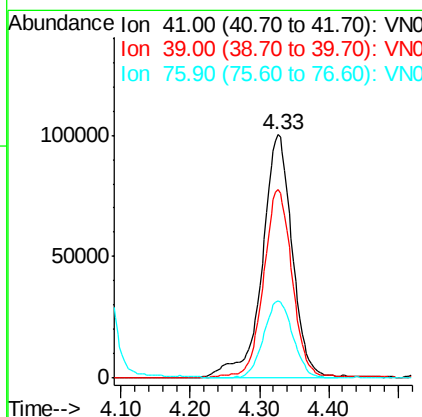
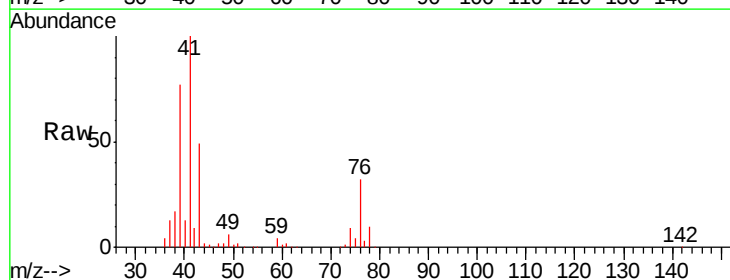
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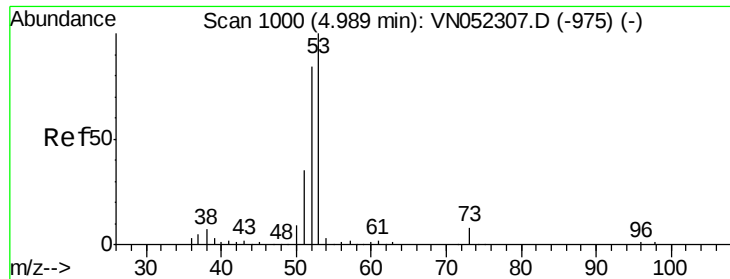
MMDadoda
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#14
Allyl chloride
Concen: 50.75 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 41 Resp: 302210
Ion Ratio Lower Upper
41 100
39 72.8 59.1 88.7
76 30.1 24.1 36.1





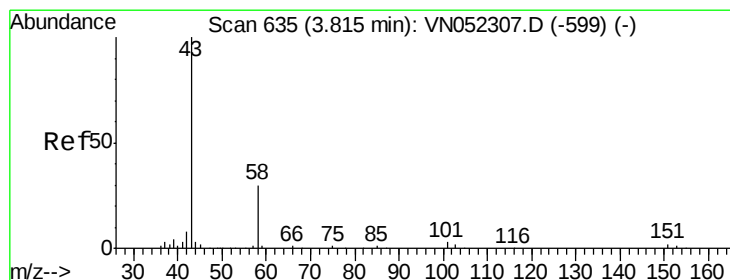
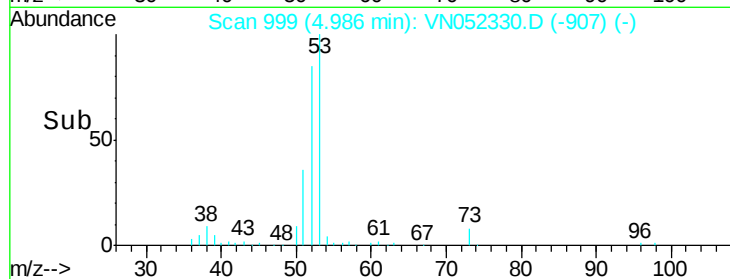
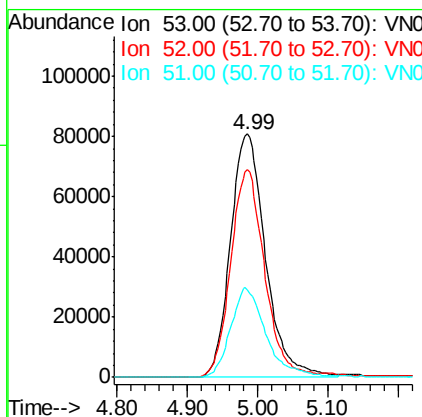
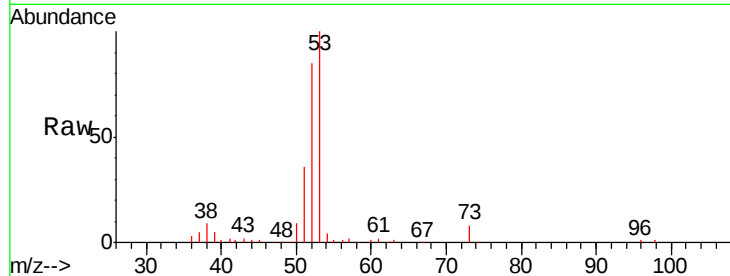
#15
 Acrylonitrile
 Concen: 233.93 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	53	Resp:	280715
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.5	101.3
51	37.1	29.9	44.9

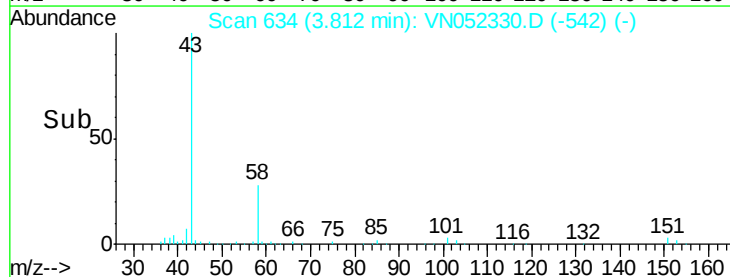
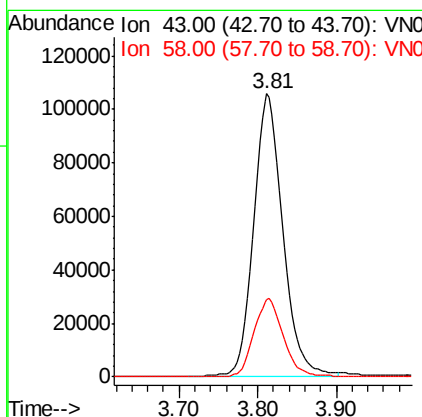
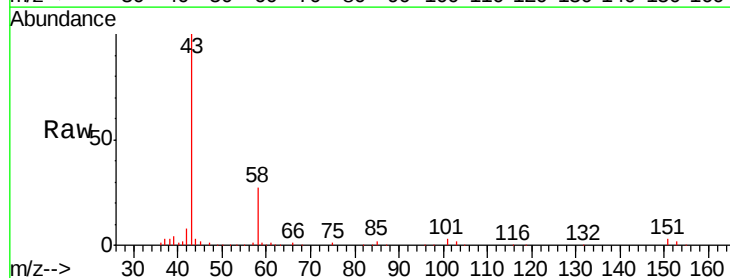
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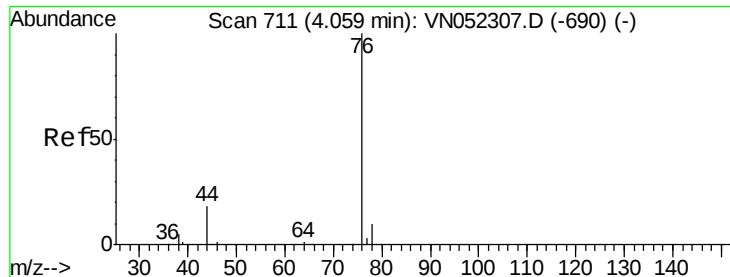
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#16
 Acetone
 Concen: 255.79 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion:	43	Resp:	280252
Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.2	36.4





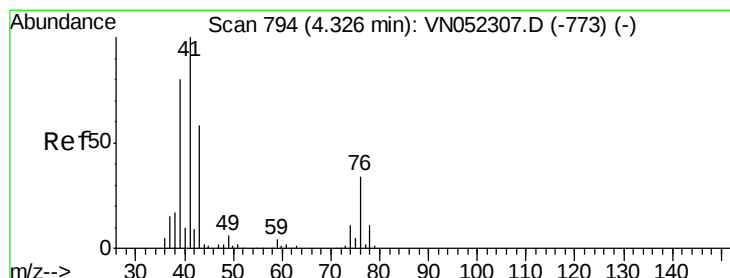
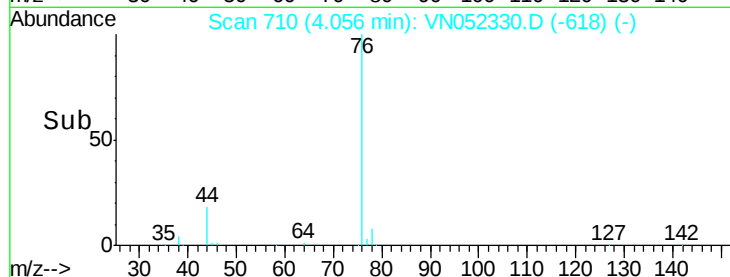
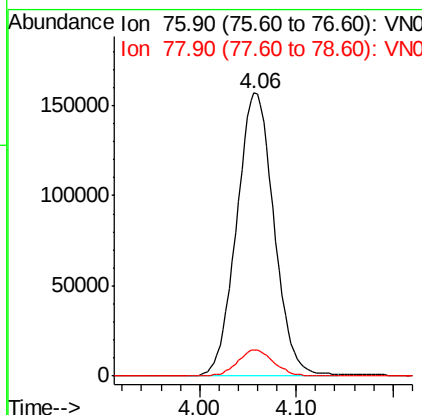
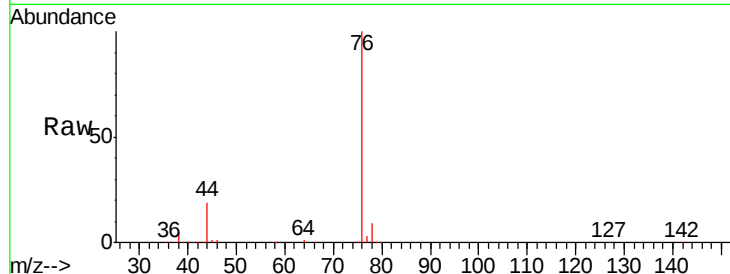
#17
Carbon Disulfide
Concen: 50.70 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.7	11.5

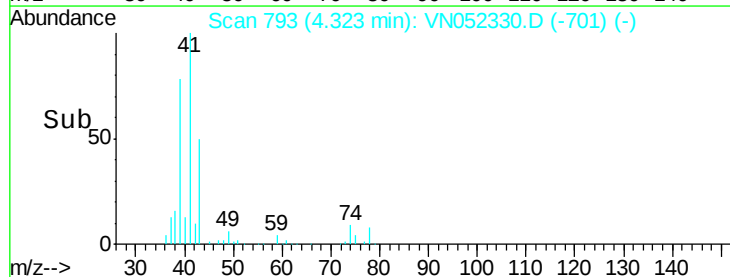
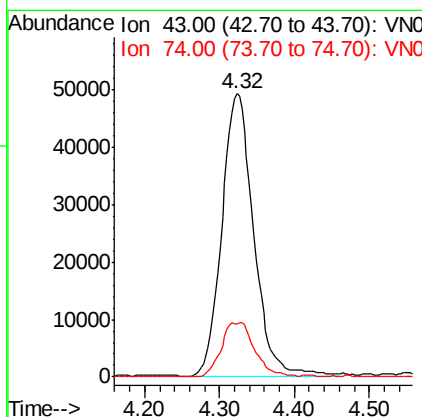
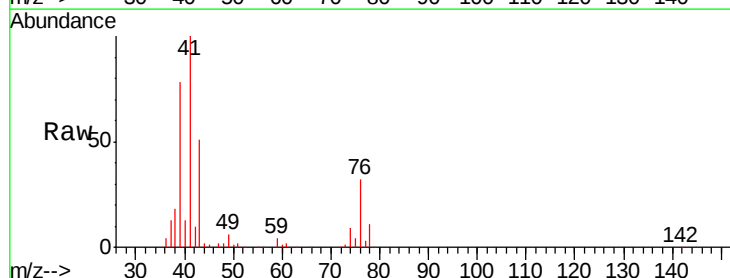
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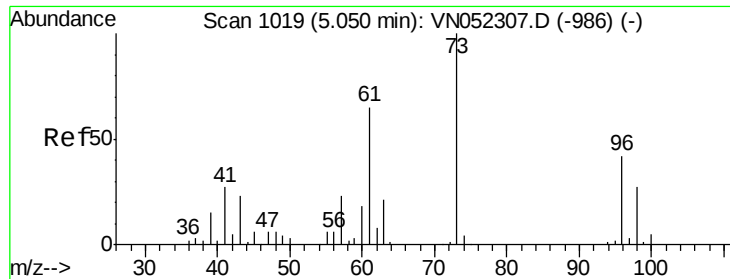
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#18
Methyl Acetate
Concen: 47.78 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	9.9	15.9	23.9#





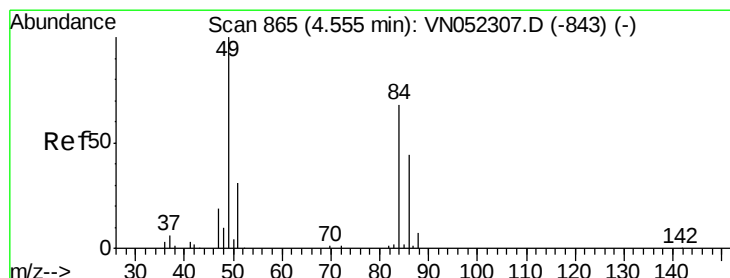
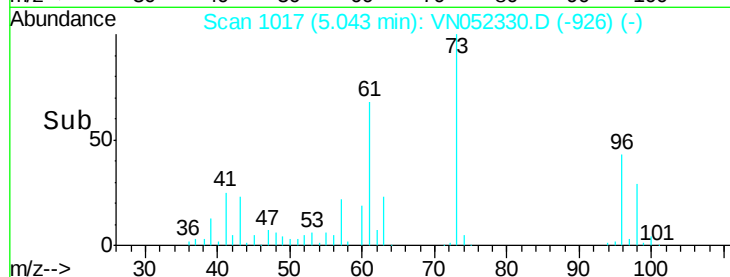
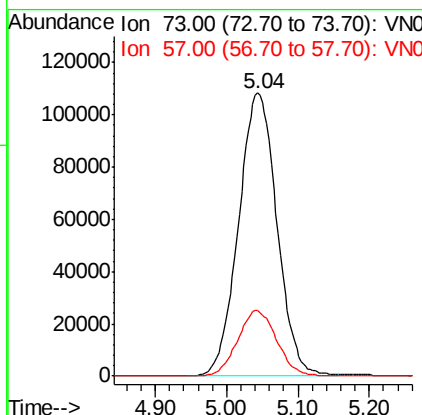
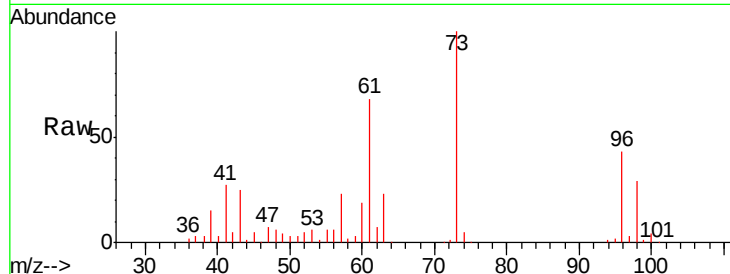
#19
Methyl tert-butyl Ether
Concen: 48.65 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 405450
Ion Ratio Lower Upper
73 100
57 23.1 18.7 28.1

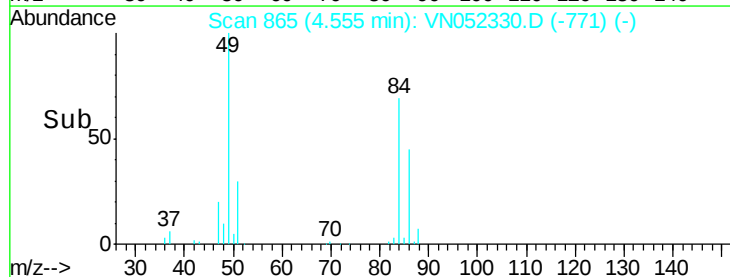
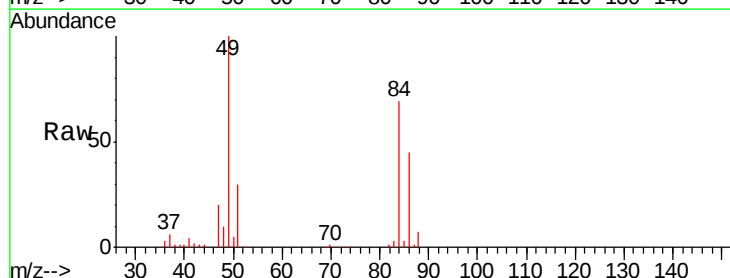
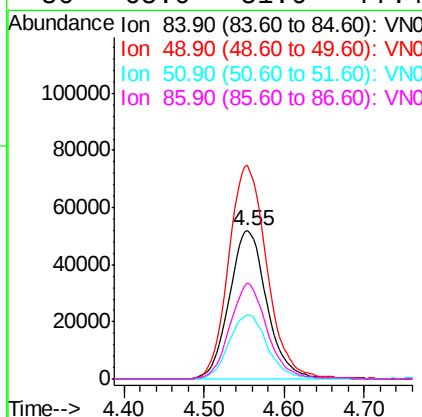
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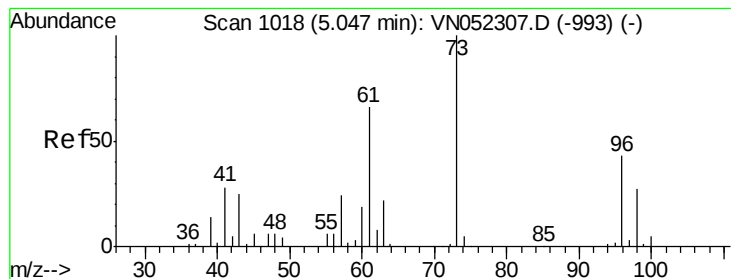
MMDadoda
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#20
Methylene Chloride
Concen: 49.72 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 84 Resp: 165740
Ion Ratio Lower Upper
84 100
49 144.1 118.2 177.2
51 43.1 36.1 54.1
86 65.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.94 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 152822

Ion Ratio Lower Upper

96 100

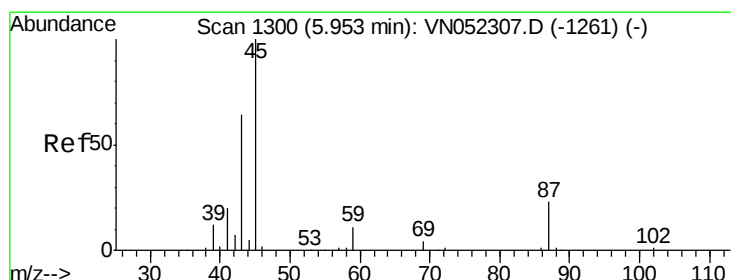
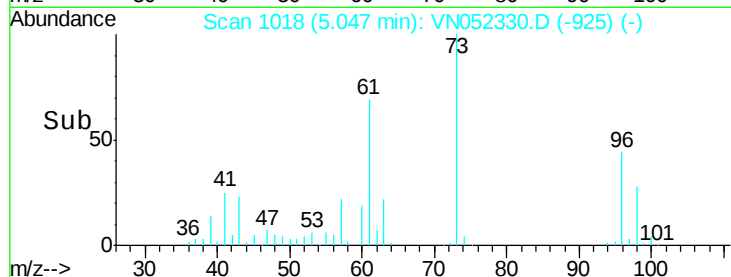
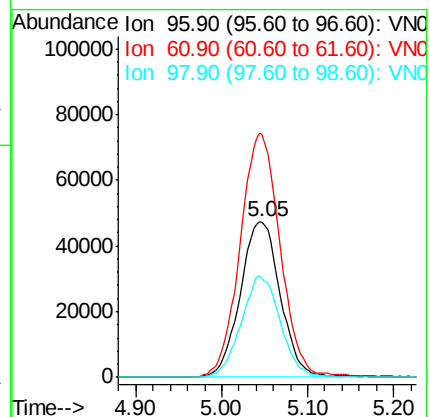
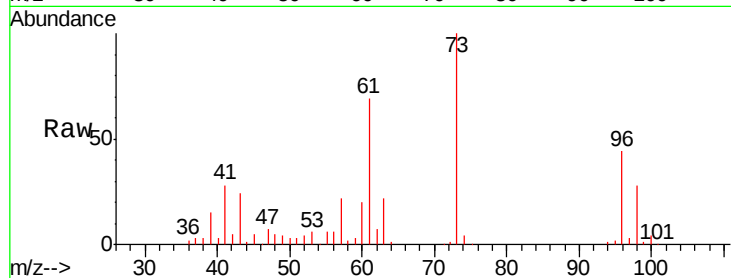
61 156.6 123.6 185.4

98 63.9 50.7 76.1

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#22

Diisopropyl ether

Concen: 49.96 ug/l

RT: 5.95 min Scan# 1298

Delta R.T. -0.01 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion: 45 Resp: 607065

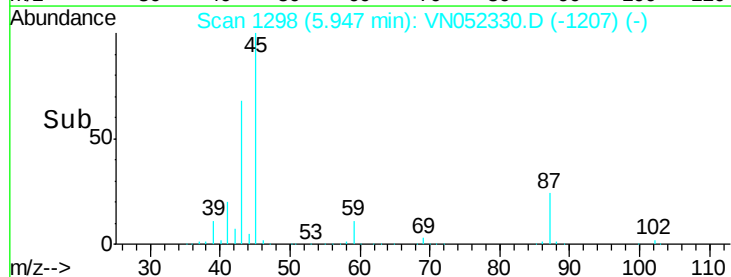
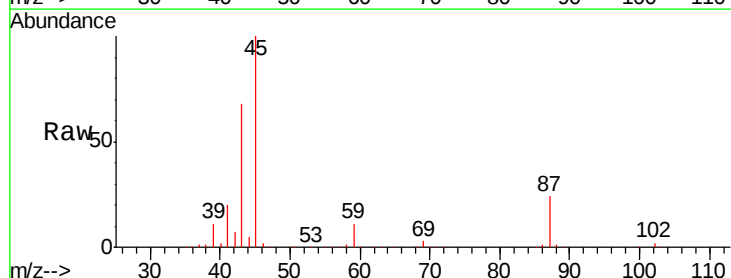
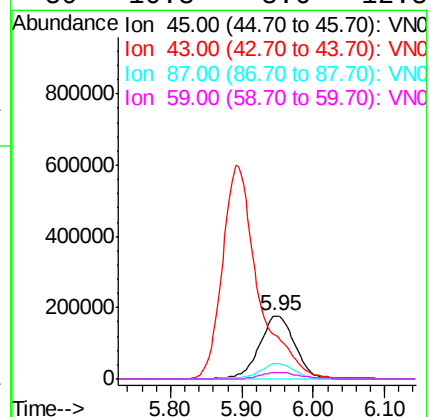
Ion Ratio Lower Upper

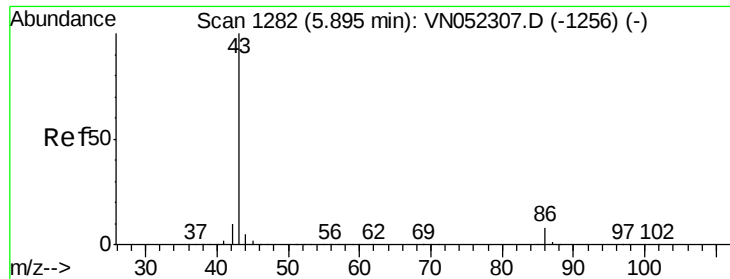
45 100

43 67.2 51.4 77.2

87 23.5 18.8 28.2

59 10.3 8.6 12.8





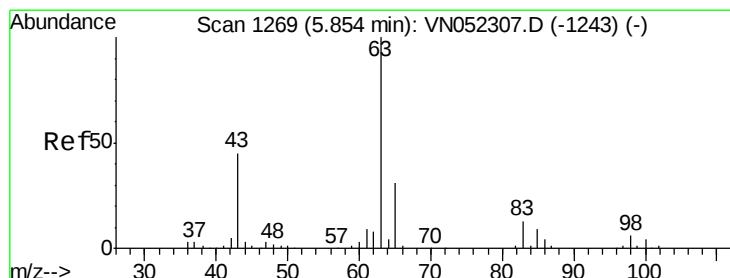
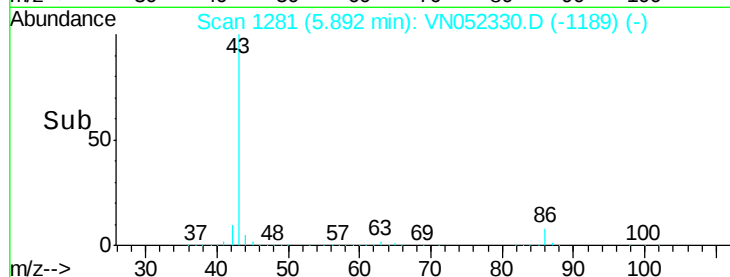
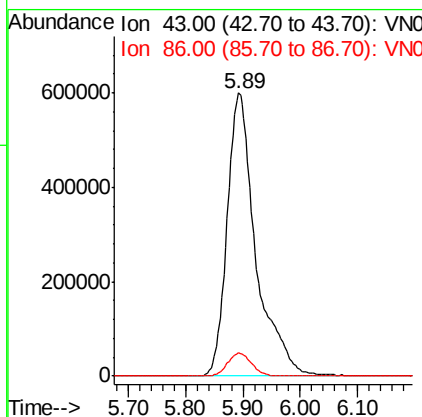
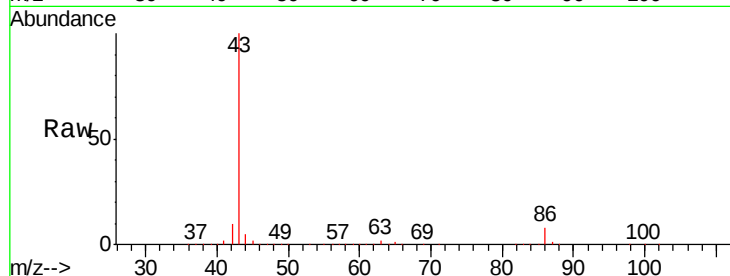
#23
 Vinyl Acetate
 Concen: 253.41 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2088844
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.5 9.7

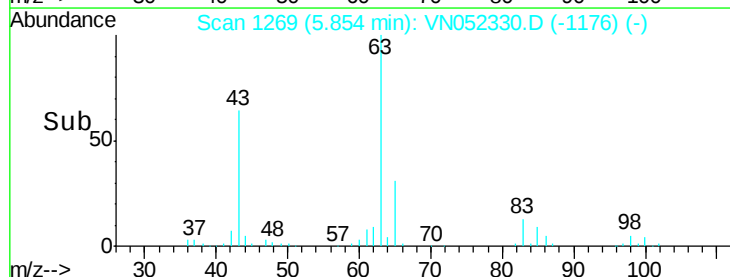
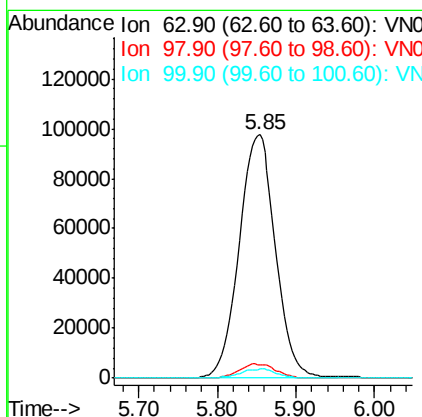
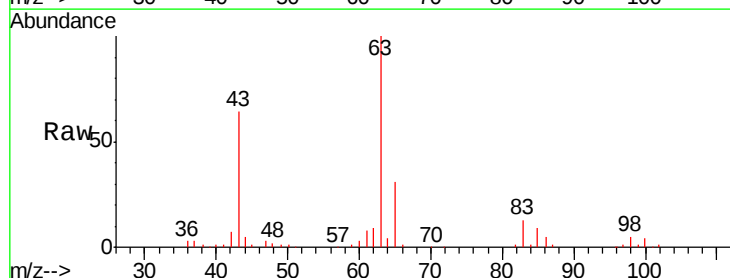
Manual Integrations
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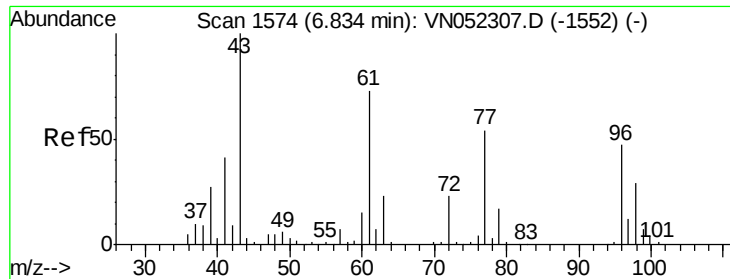
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 48.66 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 63 Resp: 317027
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 245.48 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 378572

Ion Ratio Lower Upper

43 100

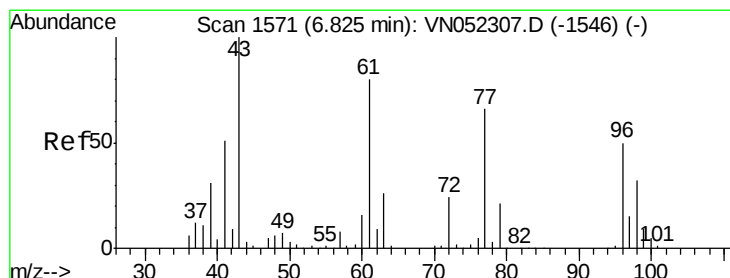
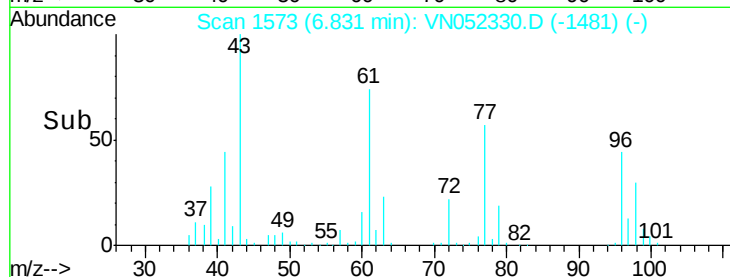
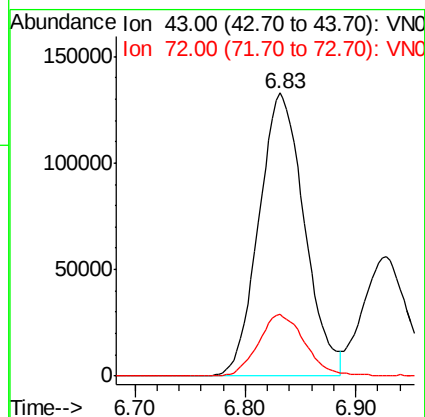
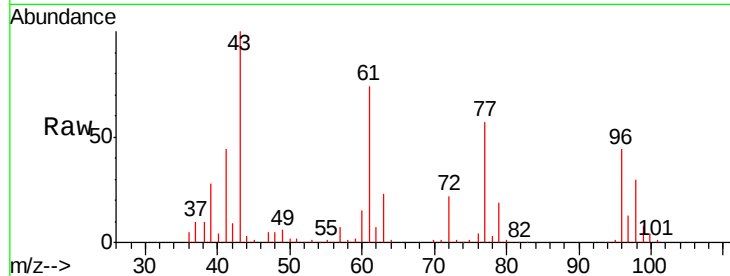
72 21.8 18.6 27.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.98 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN052330.D

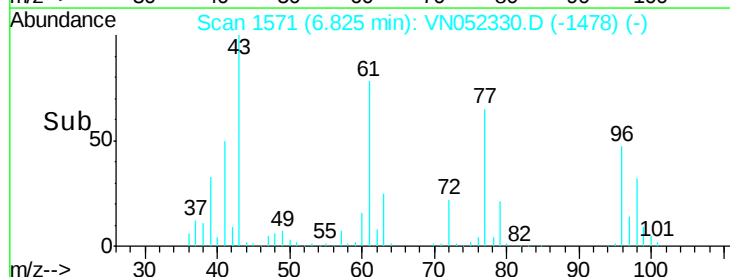
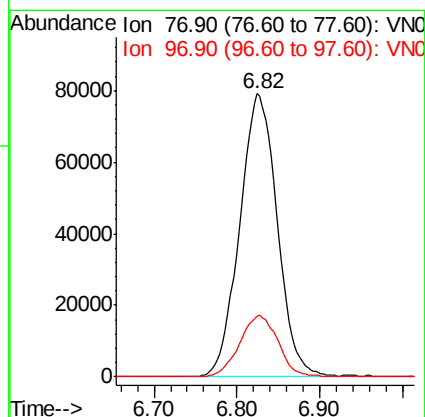
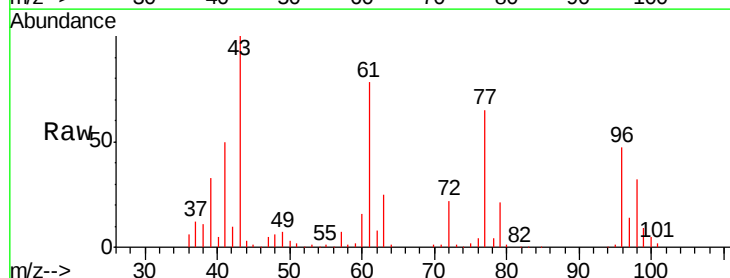
Acq: 15 Nov 2018 8:19

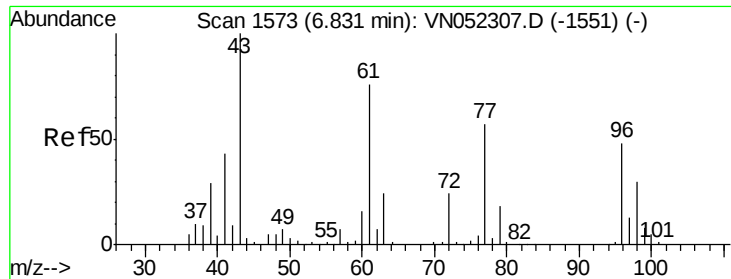
Tgt Ion: 77 Resp: 249047

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 48.00 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

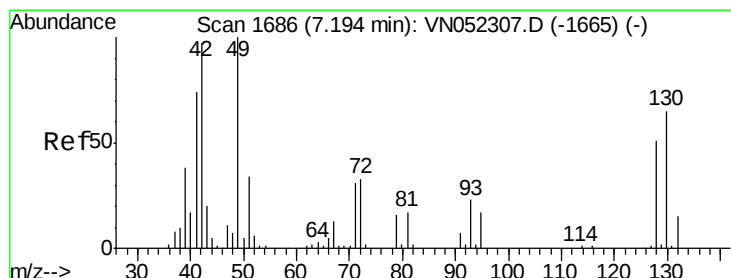
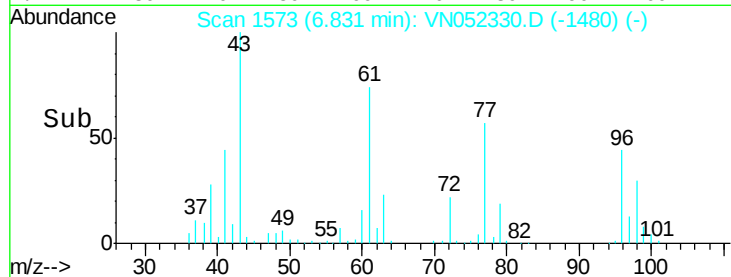
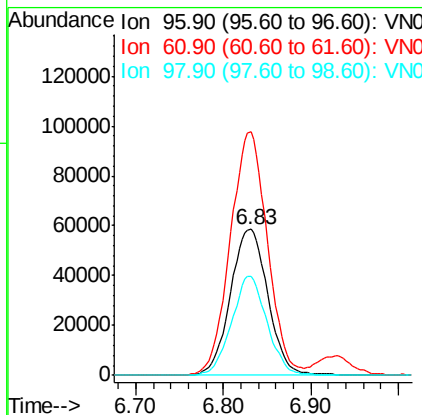
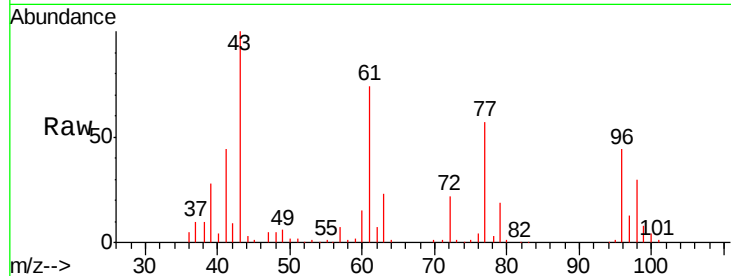
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	174488
Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	316.8
98	64.3	0.0	126.6

Manual Integrations
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#28

Bromochloromethane

Concen: 47.24 ug/l

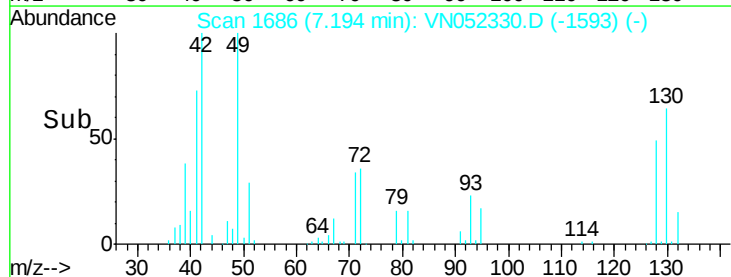
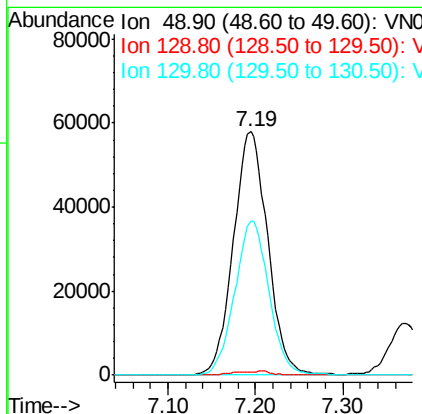
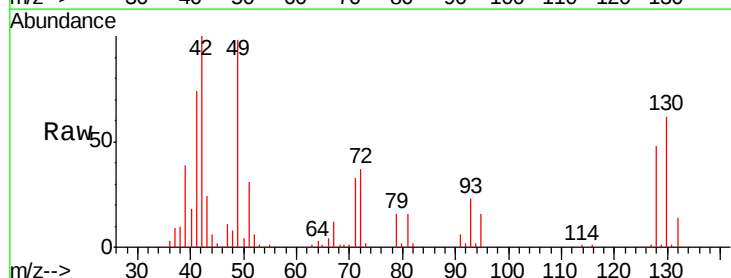
RT: 7.19 min Scan# 1686

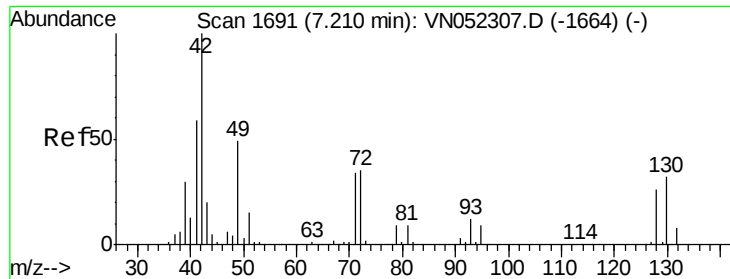
Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion:	49	Resp:	158275
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	63.0	50.4	75.6





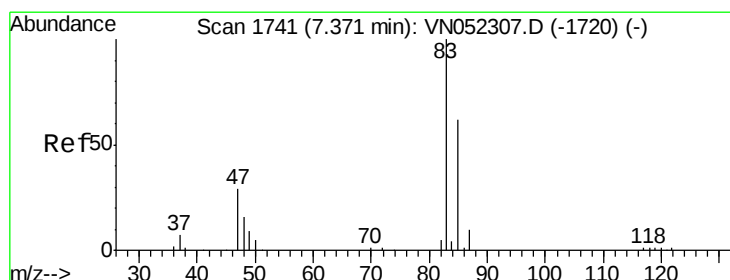
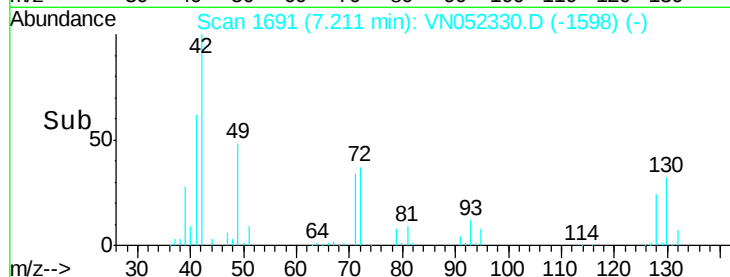
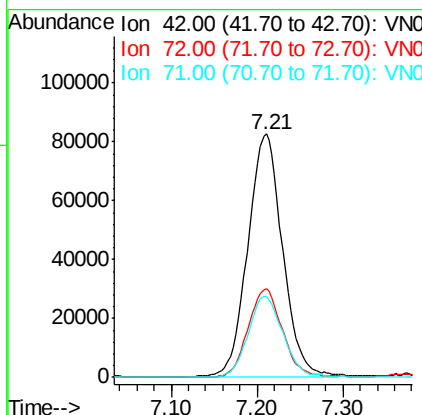
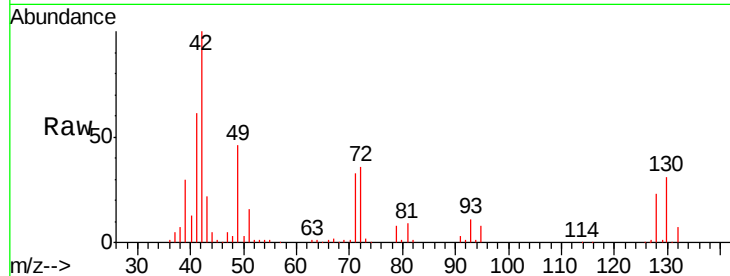
#29
Tetrahydrofuran
Concen: 228.64 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.1	28.6	42.8
71	33.5	26.7	40.1

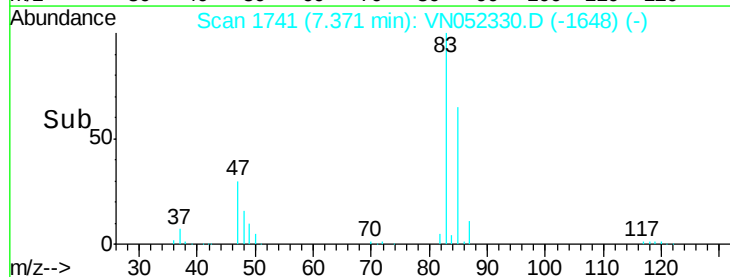
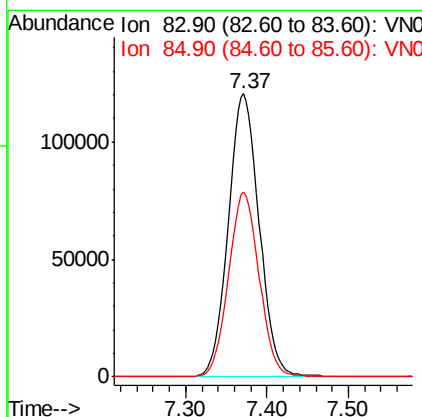
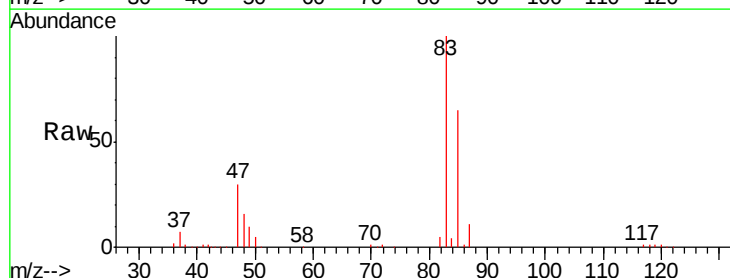
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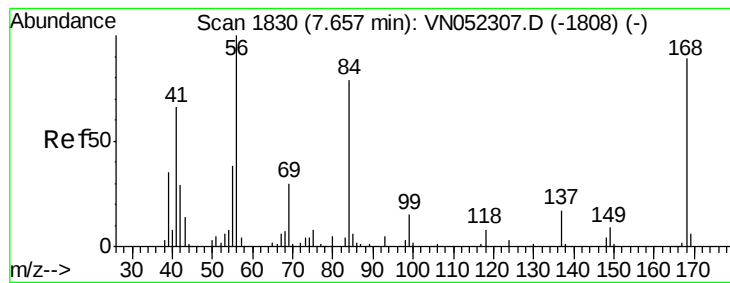
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#30
Chloroform
Concen: 51.40 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.4	74.2





#31

Cyclohexane

Concen: 50.60 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 305998
Ion Ratio Lower Upper

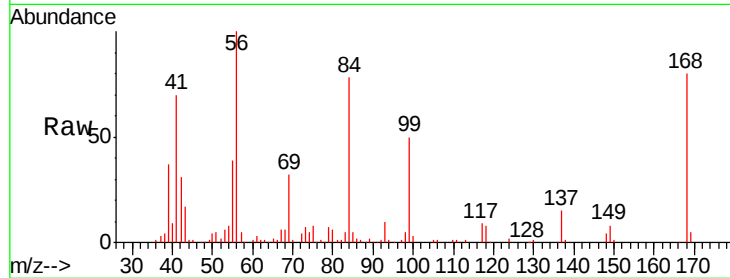
56 100

69 31.6 23.8 35.8

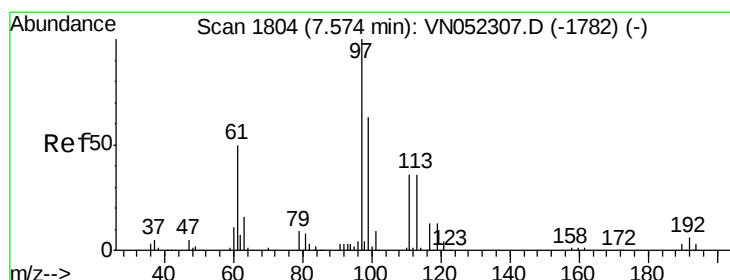
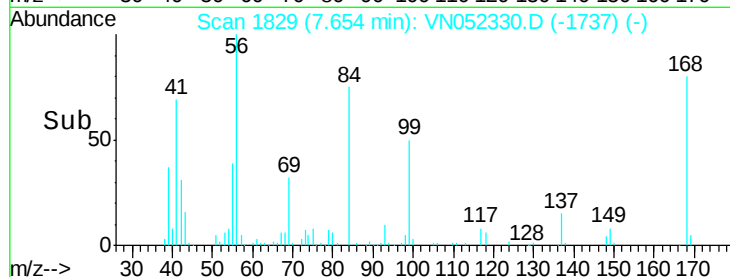
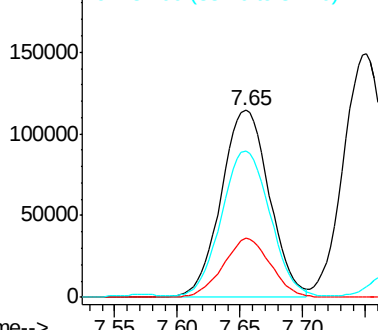
84 77.1 63.0 94.6

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.58 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052330.D

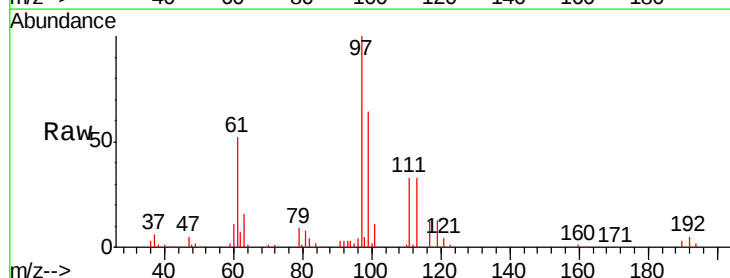
Acq: 15 Nov 2018 8:19

Tgt Ion: 97 Resp: 262265
Ion Ratio Lower Upper

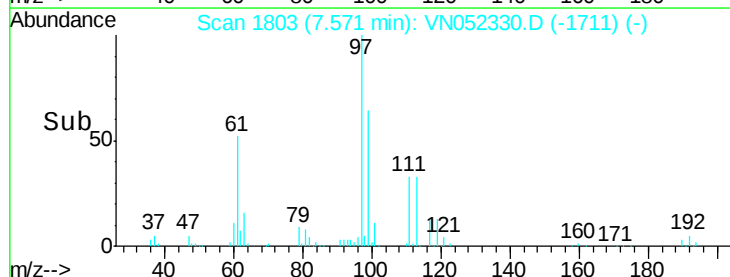
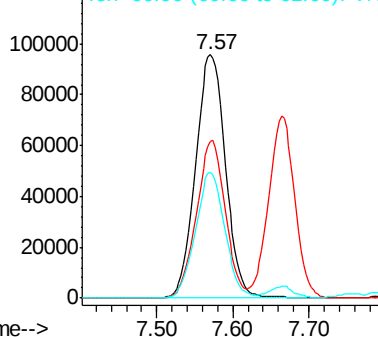
97 100

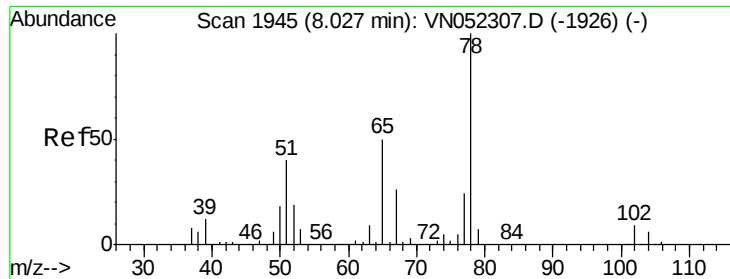
99 62.4 50.2 75.2

61 50.7 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





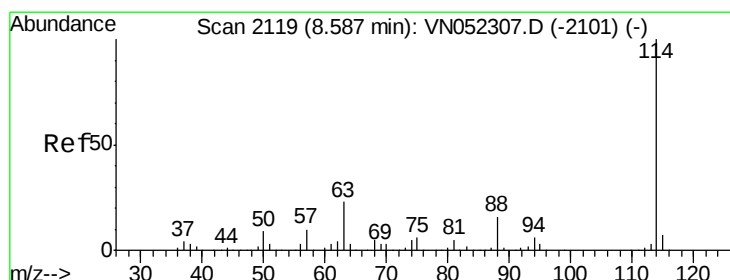
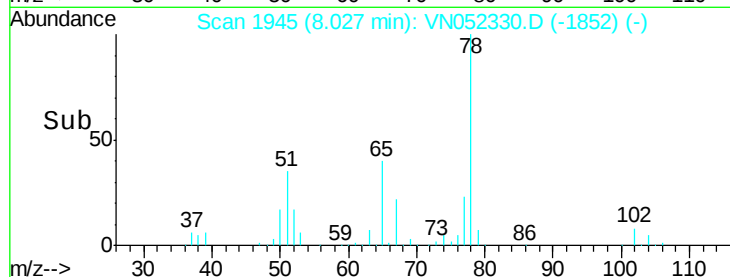
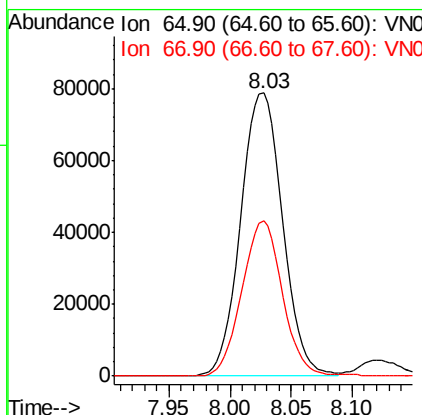
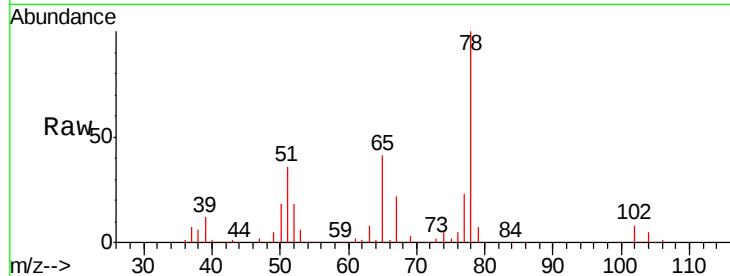
#33
 1,2-Dichloroethane-d4
 Concen: 49.58 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 187620
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2

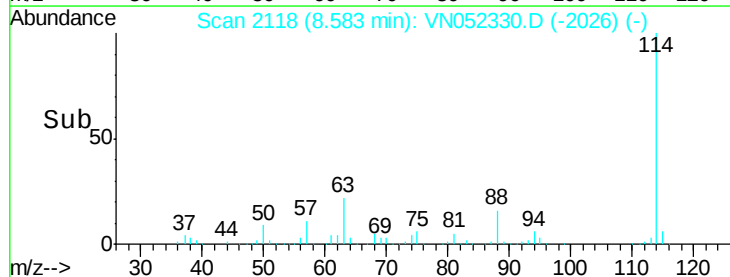
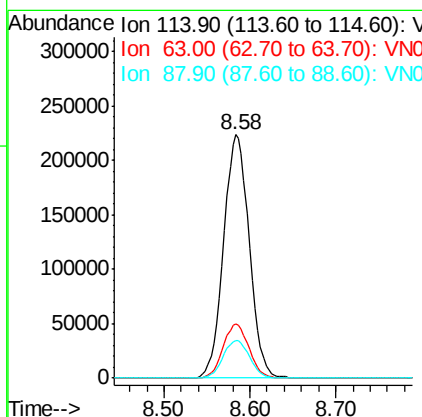
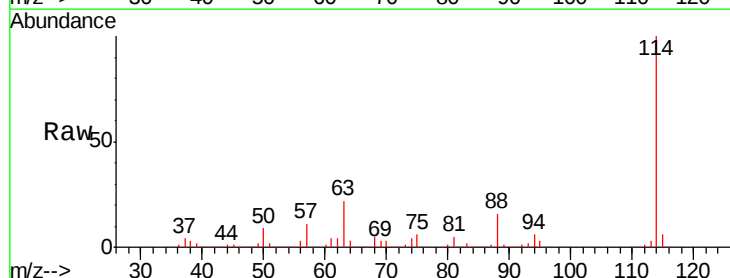
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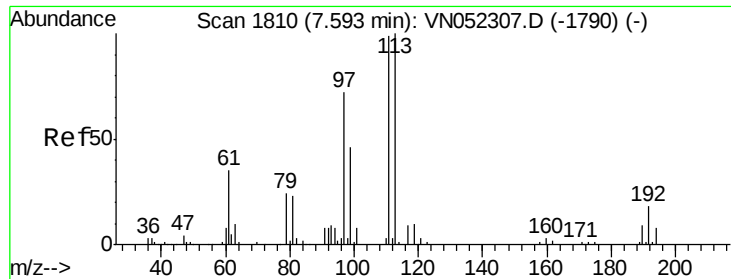
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 114 Resp: 463134
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.4
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

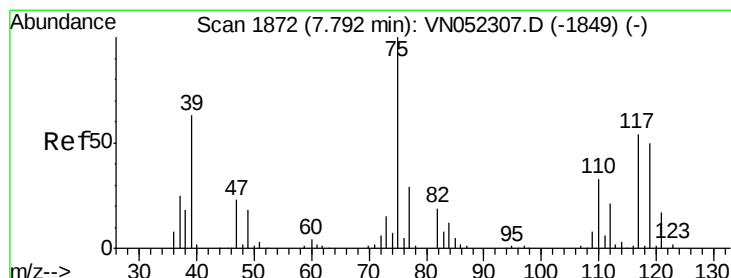
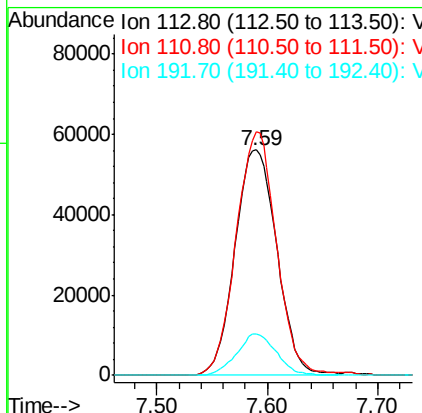
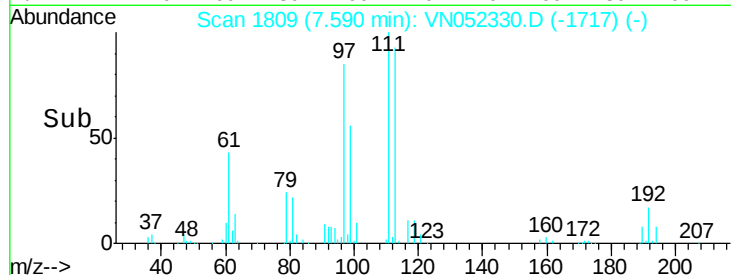
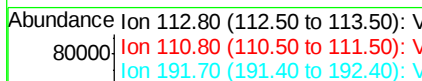
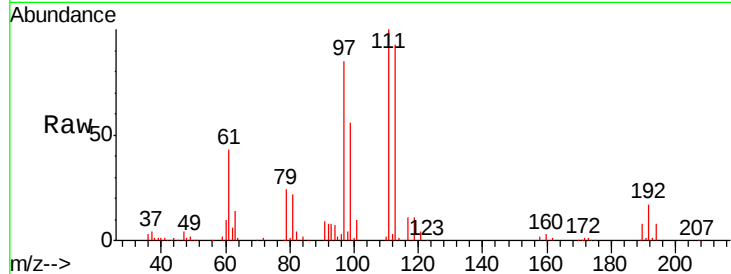
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	147887
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.0	121.6
192	17.4	13.8	20.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.79 ug/l

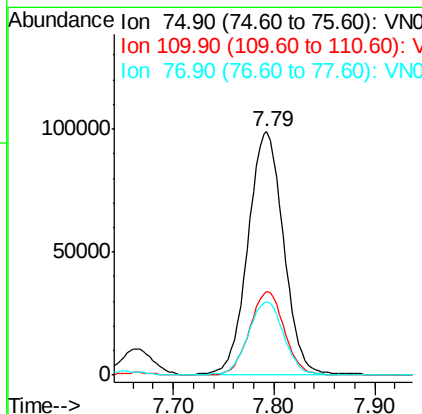
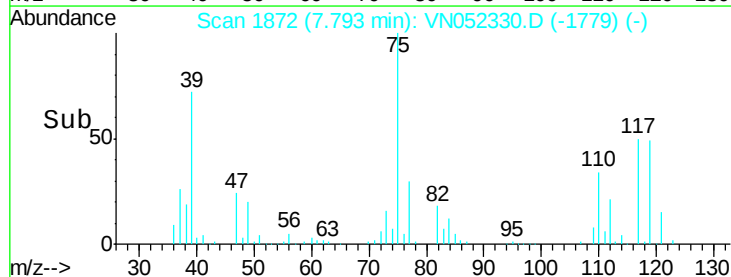
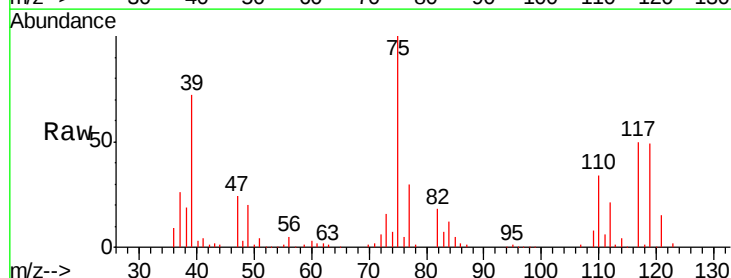
RT: 7.79 min Scan# 1872

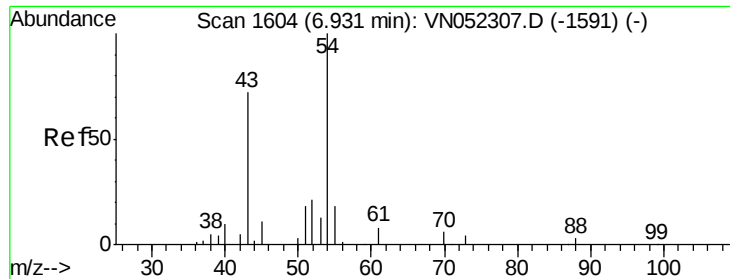
Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion:	75	Resp:	240391
Ion Ratio	Lower	Upper	
75	100		
110	33.7	16.5	49.5
77	30.5	24.2	36.2





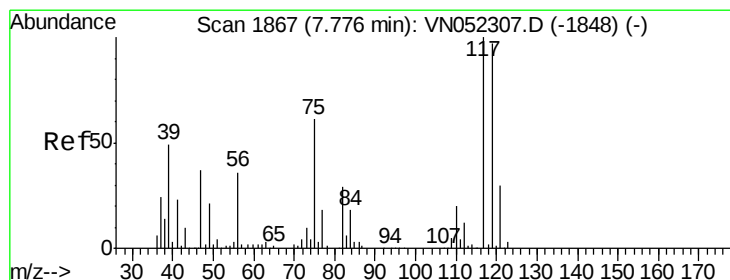
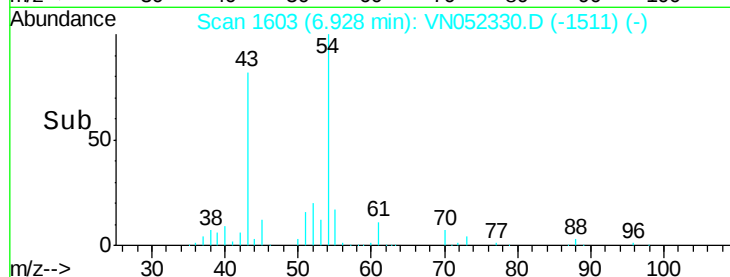
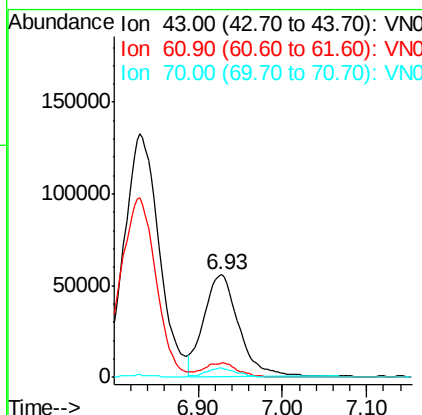
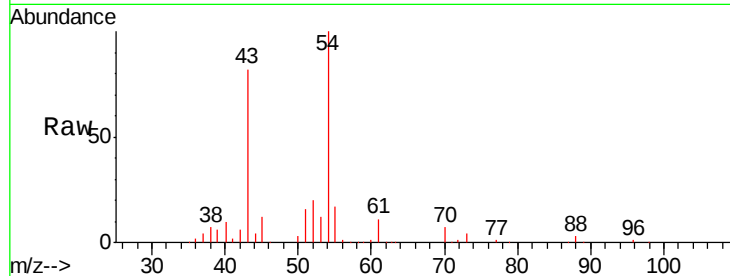
#37
Ethyl Acetate
Concen: 47.63 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	8.4	5.6	8.4

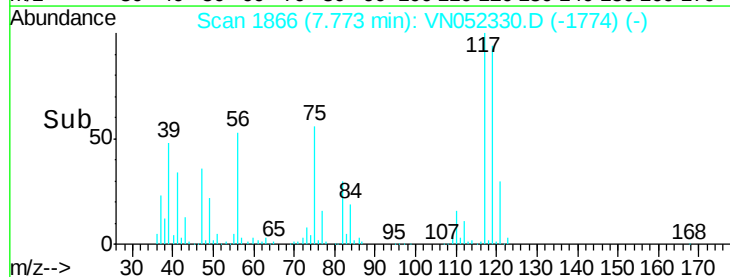
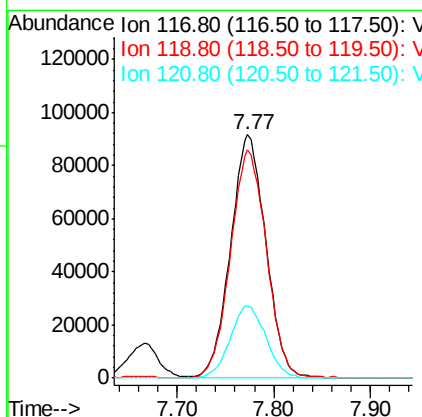
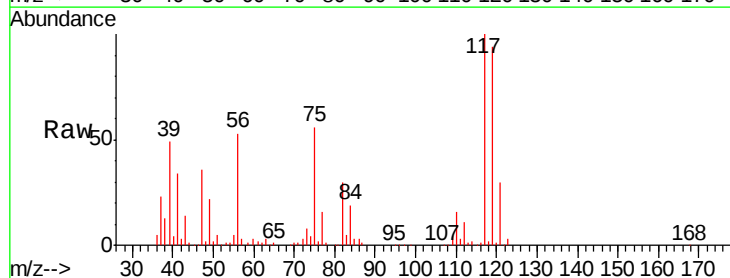
Manual Integrations
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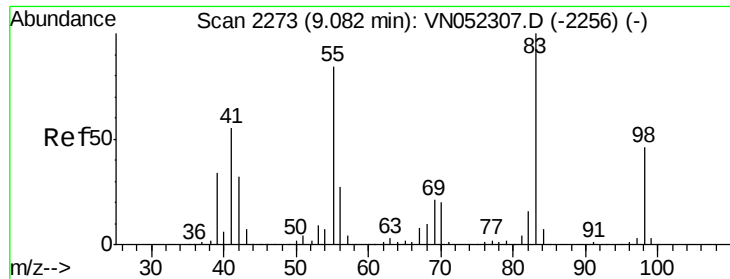
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#38
Carbon Tetrachloride
Concen: 54.51 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.0
121	29.8	24.0	36.0





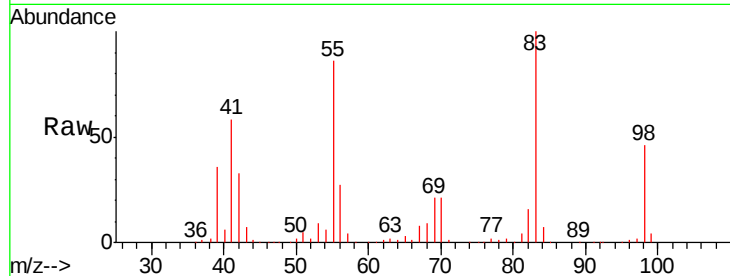
#39
Methylcyclohexane
Concen: 53.53 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	283689		
55	86.2	66.8	100.2	
98	45.7	36.4	54.6	

Manual Integrations
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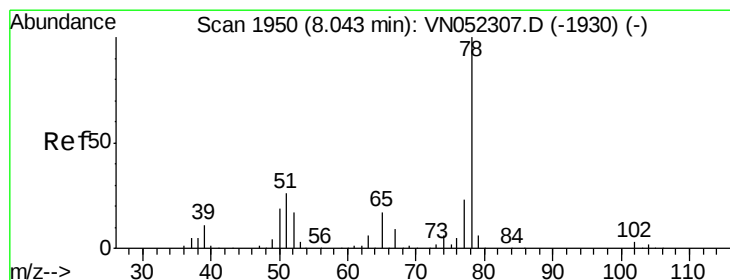
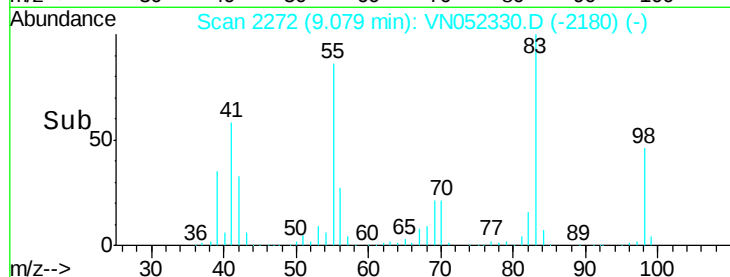
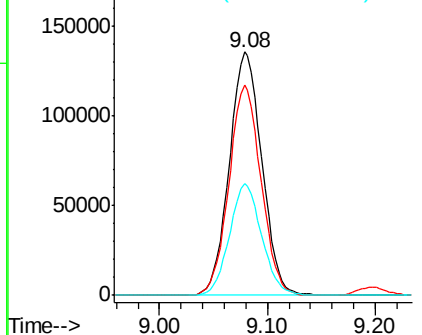
MMDadoda
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Abundance Ion 83.00 (82.70 to 83.70): VN052330.D (-2180) (-)

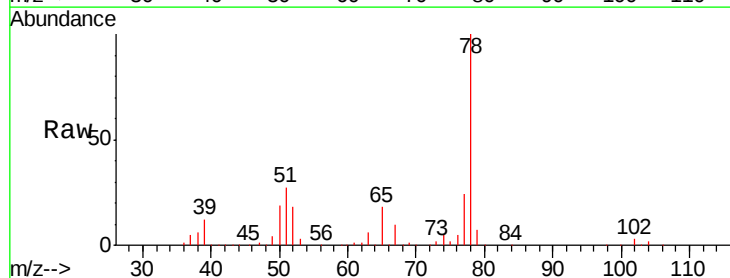
Ion 55.00 (54.70 to 55.70): VN052330.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN052330.D (-2180) (-)



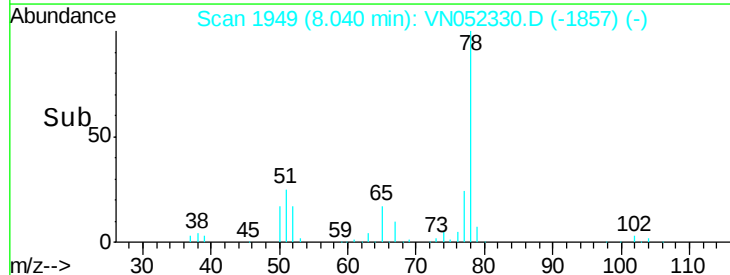
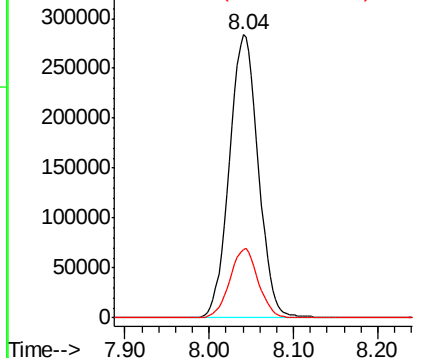
#40
Benzene
Concen: 51.02 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

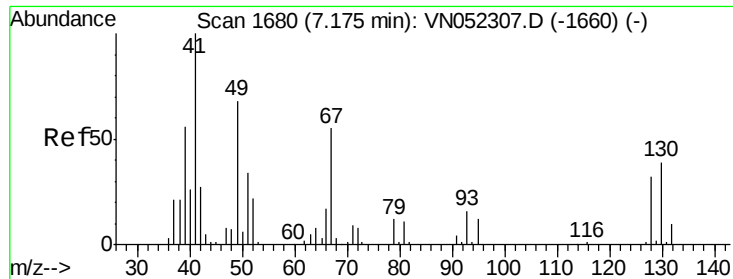
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	676650		
77	24.2	18.7	28.1	



Abundance Ion 78.00 (77.70 to 78.70): VN052330.D (-1857) (-)

Ion 77.00 (76.70 to 77.70): VN052330.D (-1857) (-)





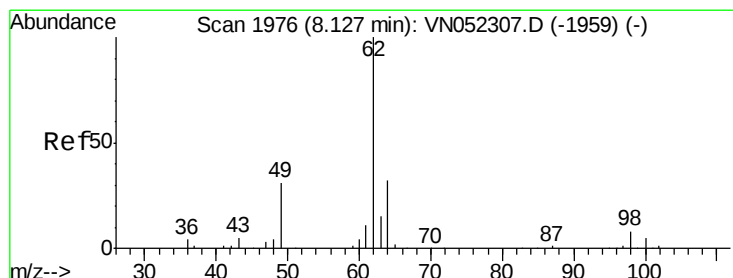
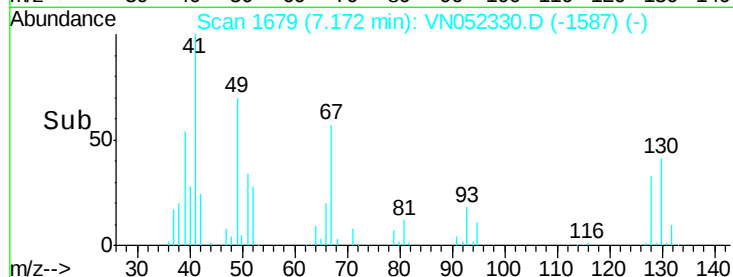
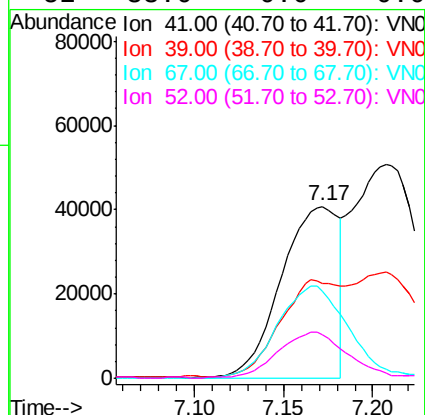
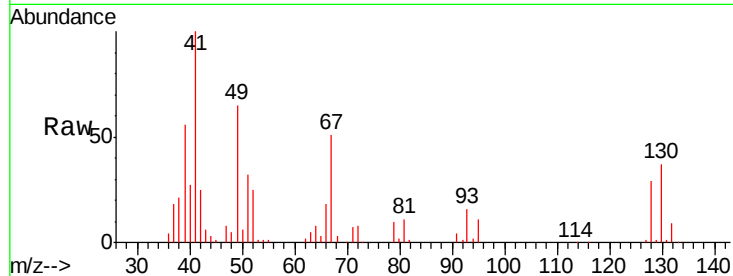
#41
Methacrylonitrile
Concen: 48.95 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	0.0	0.0#
67	66.6	0.0	0.0#
52	33.0	0.0	0.0#

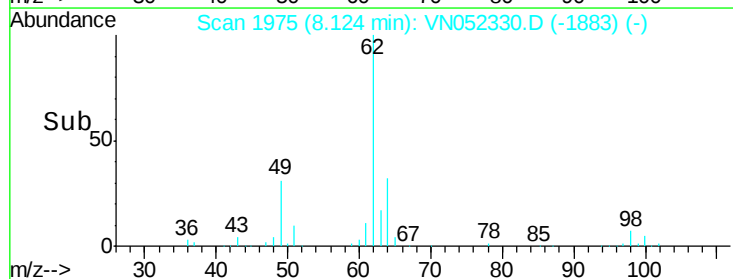
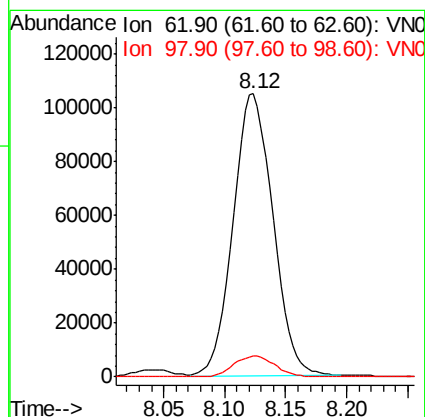
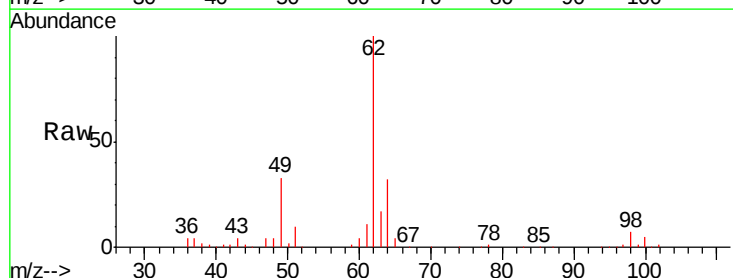
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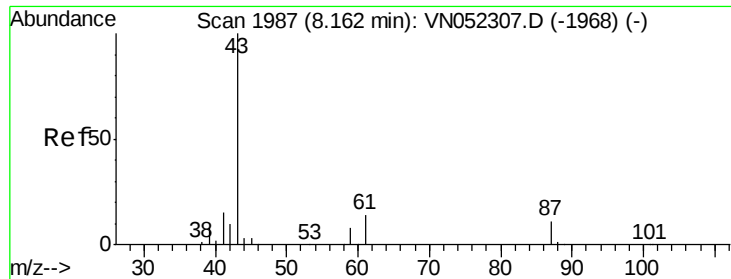
MMDadoda
11/16/2018 4:06:47 PM



#42
1,2-Dichloroethane
Concen: 50.25 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.57 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

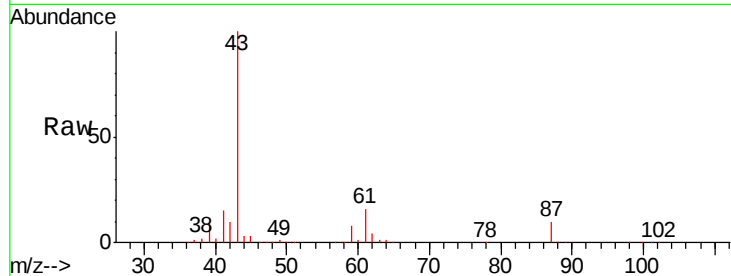
ClientSampleId :

VSTDCCC050

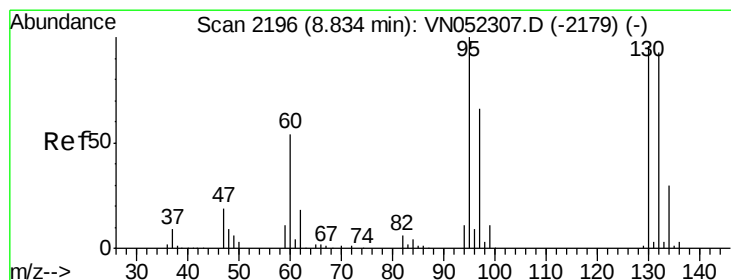
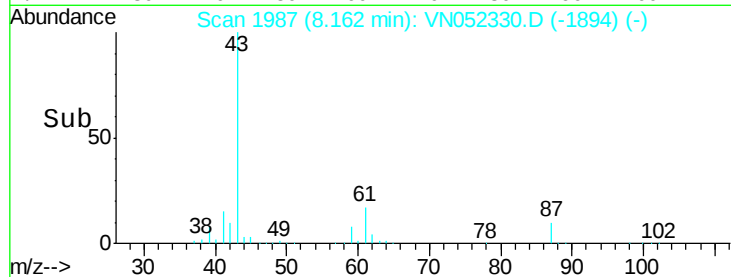
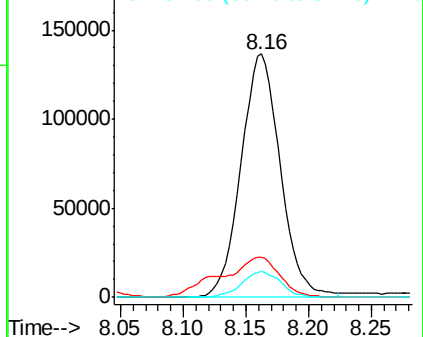
Tgt Ion:	43	Resp:	296261
Ion Ratio	Lower	Upper	
43	100		
61	15.8	12.0	18.0
87	10.6	8.3	12.5

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Abundance Ion 43.00 (42.70 to 43.70): VN052330.D (-1894) (-)



#44

Trichloroethene

Concen: 52.53 ug/l

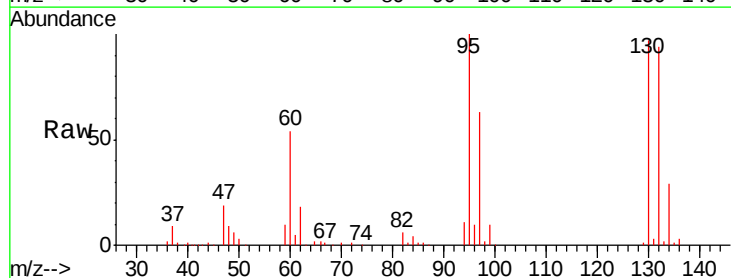
RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

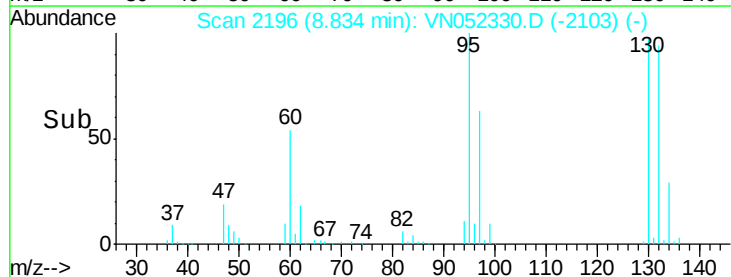
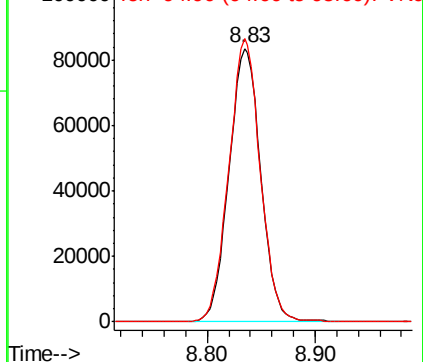
Lab File: VN052330.D

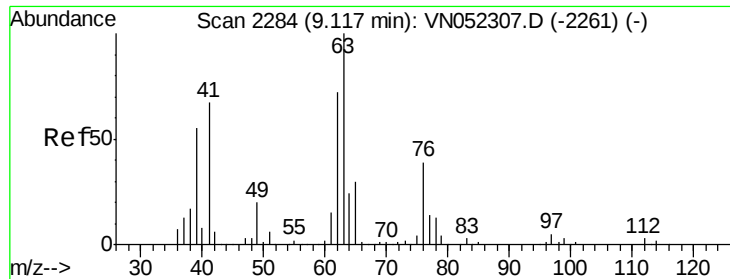
Acq: 15 Nov 2018 8:19

Tgt Ion:	130	Resp:	171586
Ion Ratio	Lower	Upper	
130	100		
95	103.4	0.0	208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052330.D (-2103) (-)





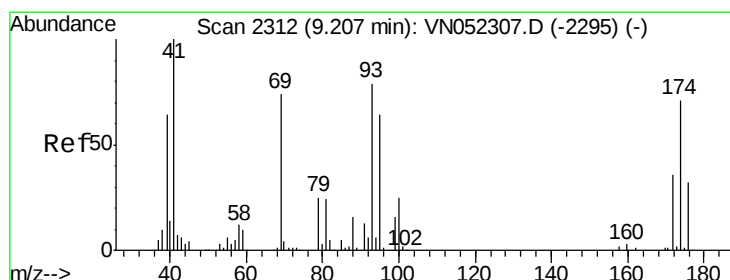
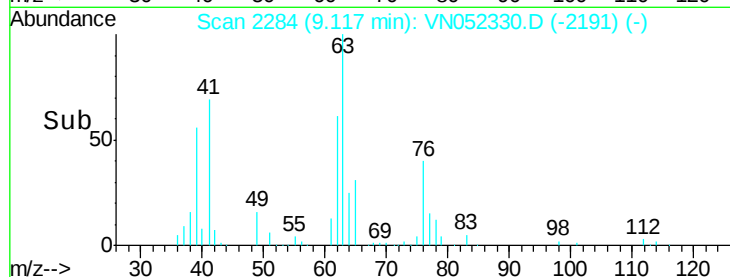
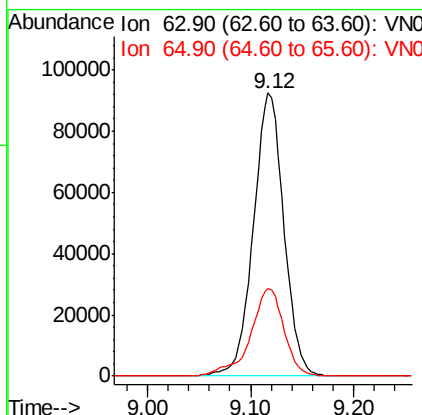
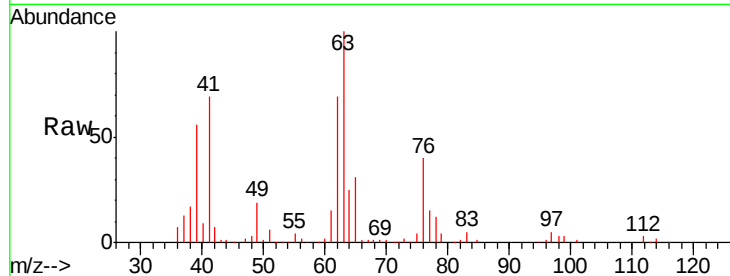
#45
 1,2-Dichloropropane
 Concen: 50.15 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 188721
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4

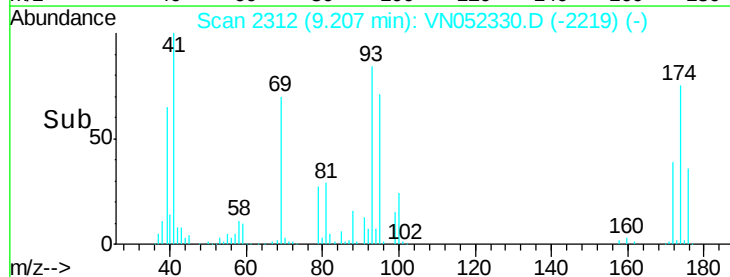
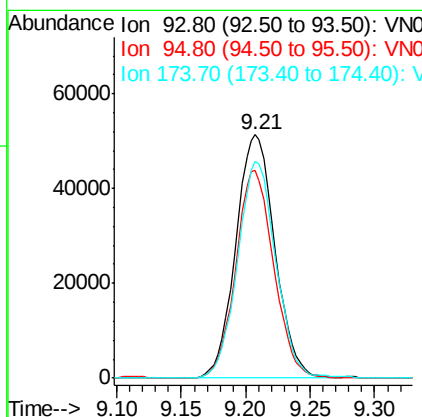
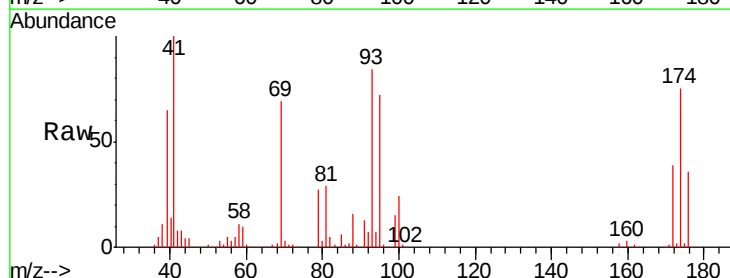
Manual Integrations
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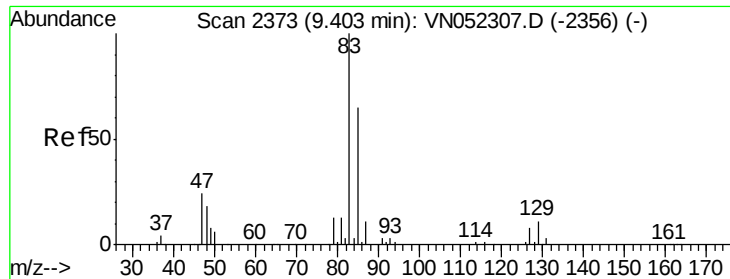
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#46
 Dibromomethane
 Concen: 49.75 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 93 Resp: 108383
 Ion Ratio Lower Upper
 93 100
 95 82.8 64.2 96.2
 174 87.2 70.9 106.3





#47

Bromodichloromethane

Concen: 53.01 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

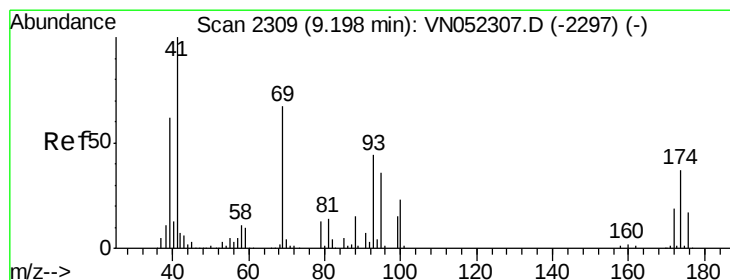
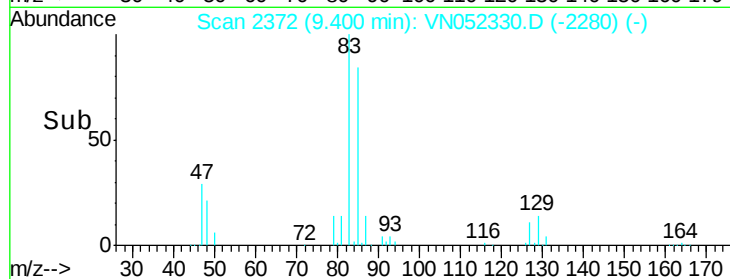
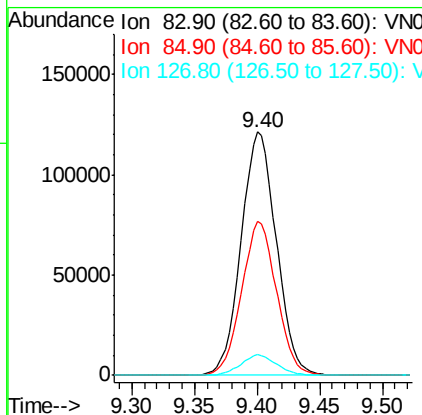
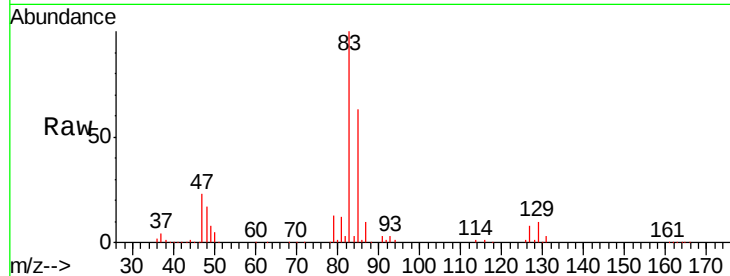
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	237002
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.2	78.4
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.68 ug/l

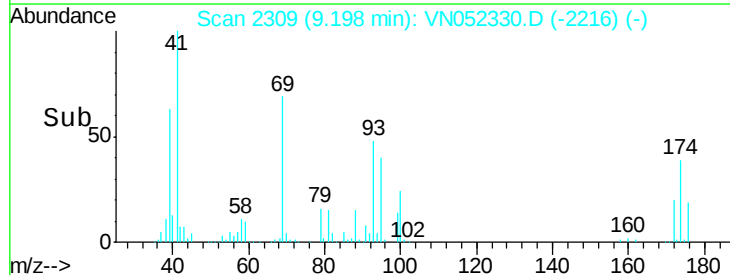
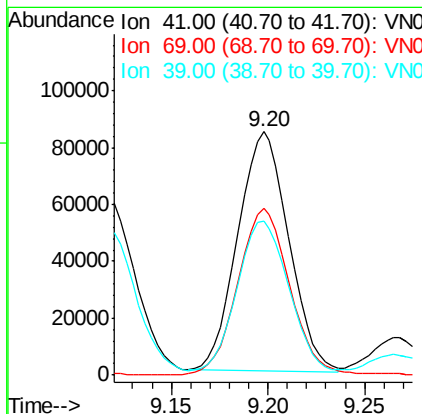
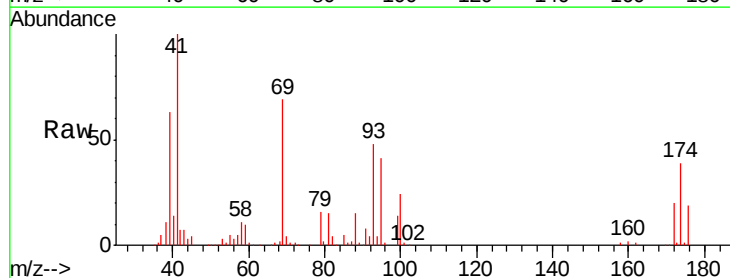
RT: 9.20 min Scan# 2309

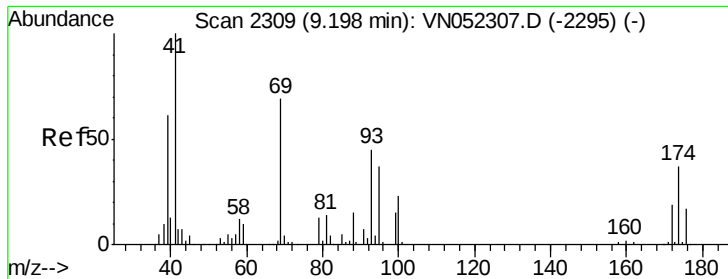
Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion:	41	Resp:	153978
Ion Ratio	Lower	Upper	
41	100		
69	71.0	57.1	85.7
39	66.1	52.5	78.7





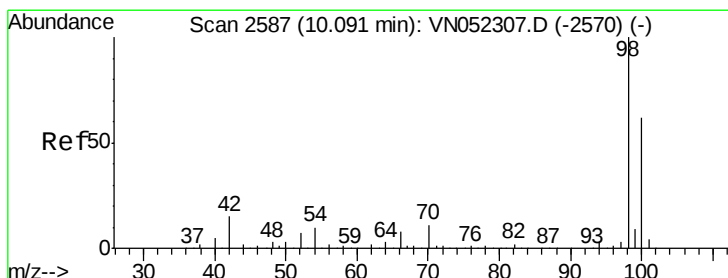
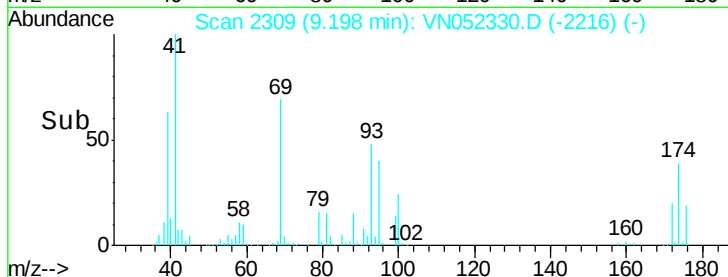
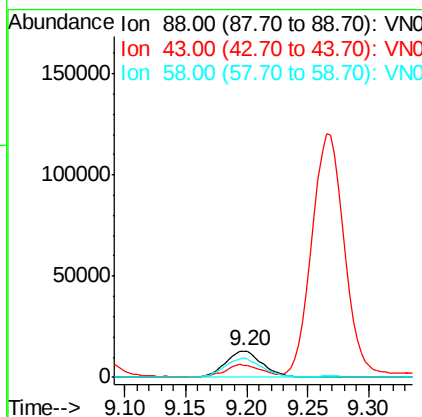
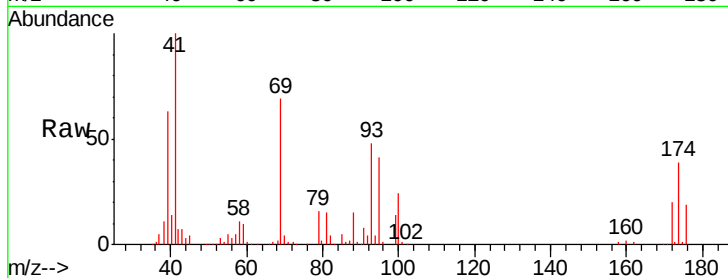
#49
1,4-Dioxane
Concen: 1091.34 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	43.6	33.3	49.9
58	73.3	59.2	88.8

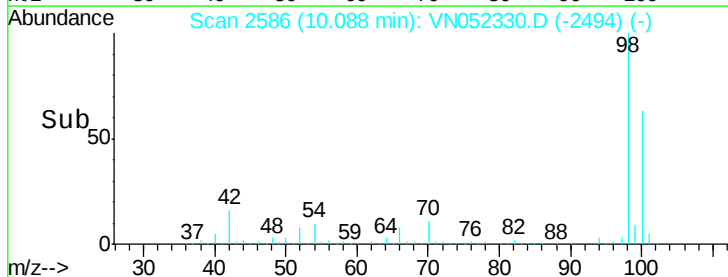
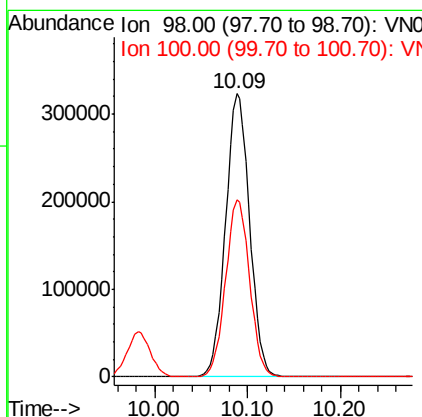
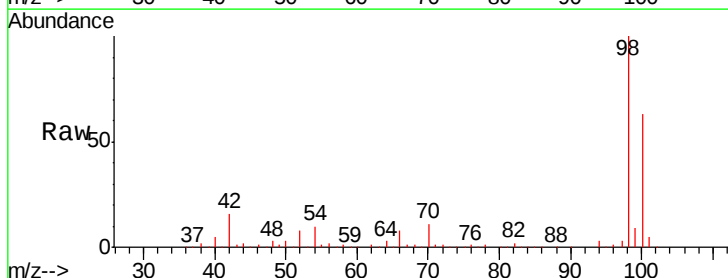
Manual Integrations
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#50
Toluene-d8
Concen: 1091.34 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	49.5	74.3





#51

4-Methyl-2-Pentanone

Concen: 244.84 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 801207

Ion Ratio Lower Upper

43 100

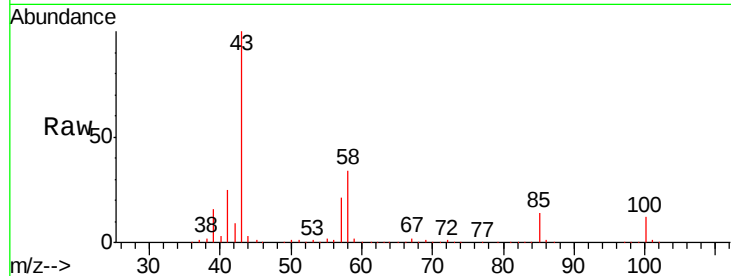
58 34.2 27.0 40.6

Manual Integrations

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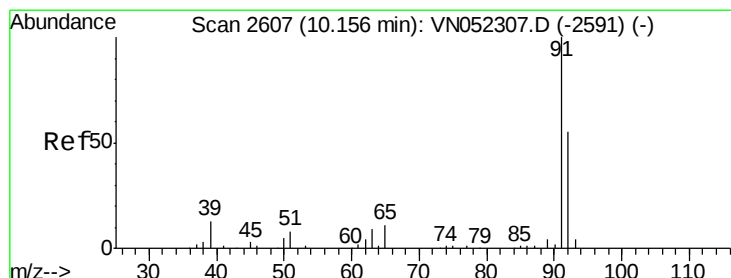
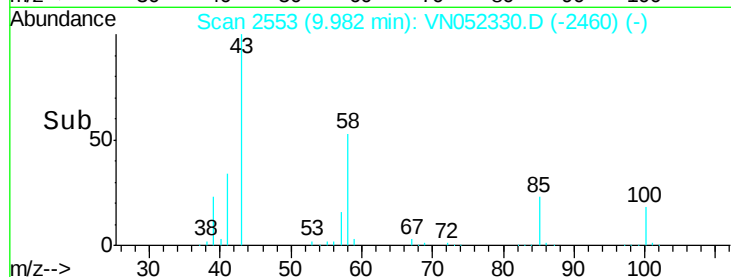
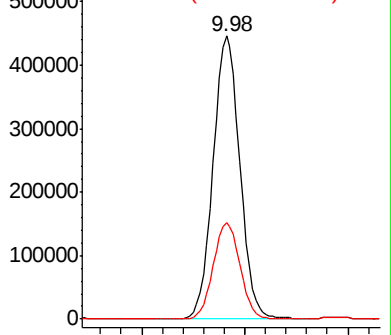
MMDadoda

11/16/2018 4:06:47 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.91 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052330.D

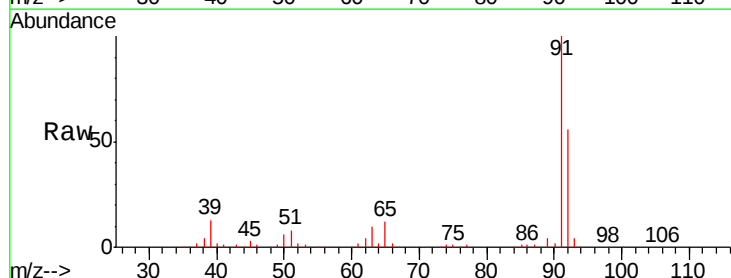
Acq: 15 Nov 2018 8:19

Tgt Ion: 92 Resp: 411786

Ion Ratio Lower Upper

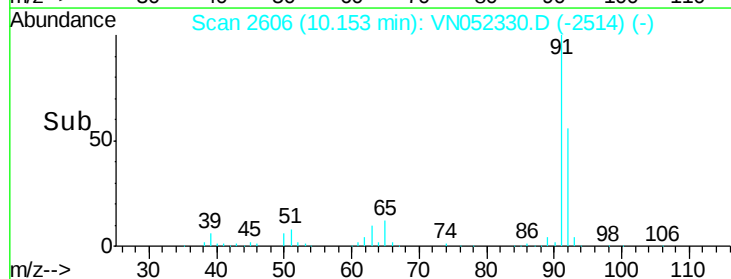
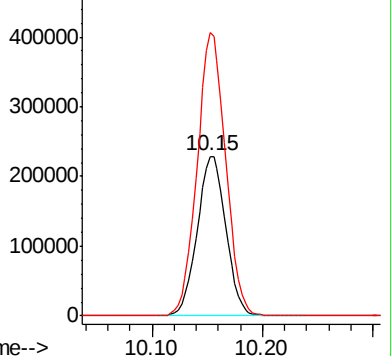
92 100

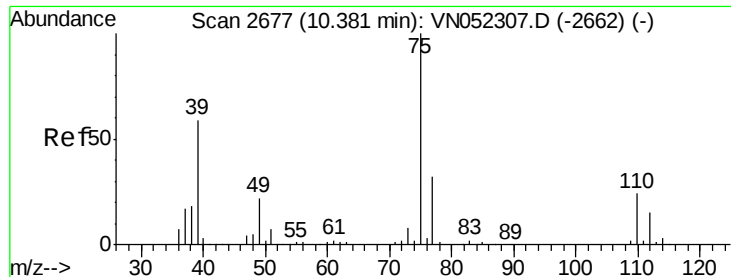
91 176.6 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





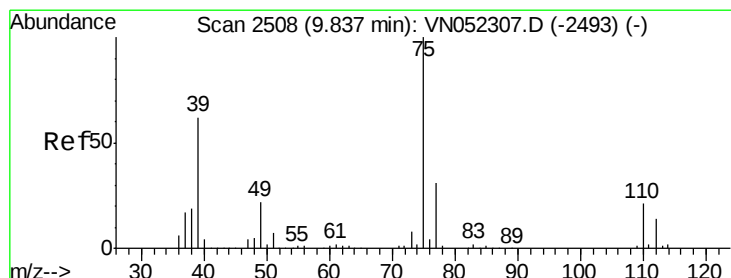
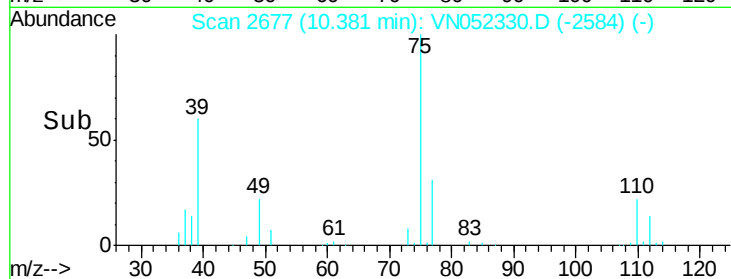
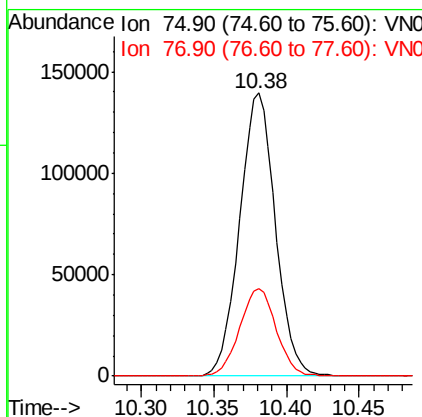
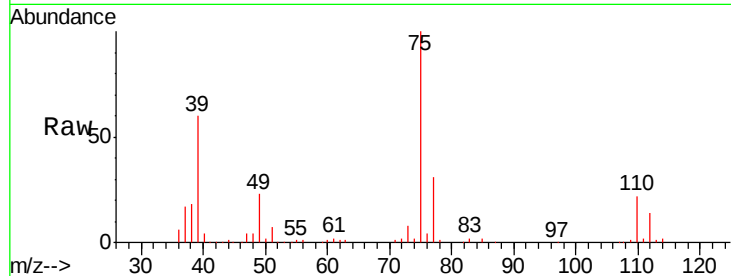
#53
t-1,3-Dichloropropene
Concen: 53.10 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 239413
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

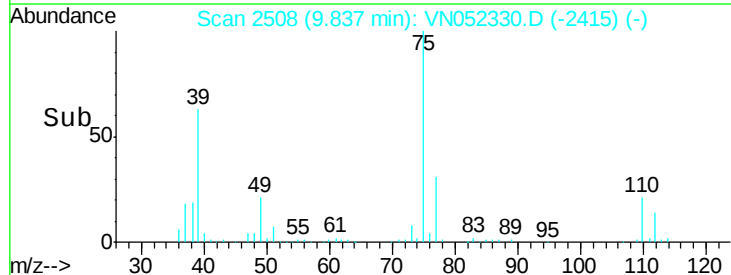
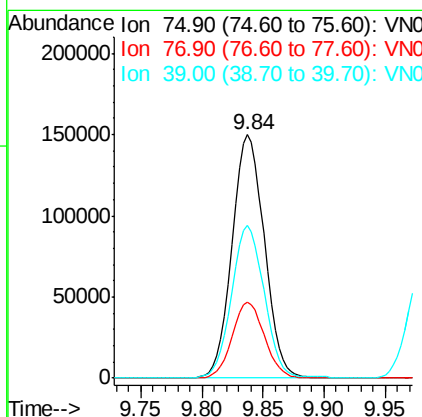
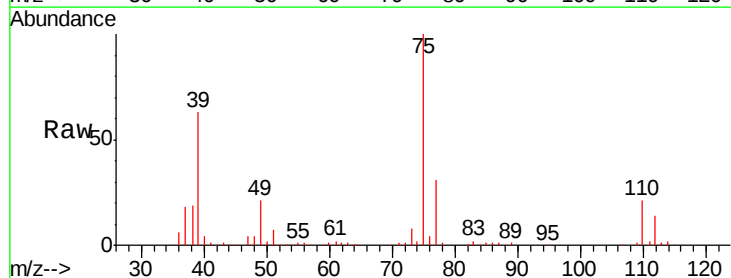
Manual Integrations
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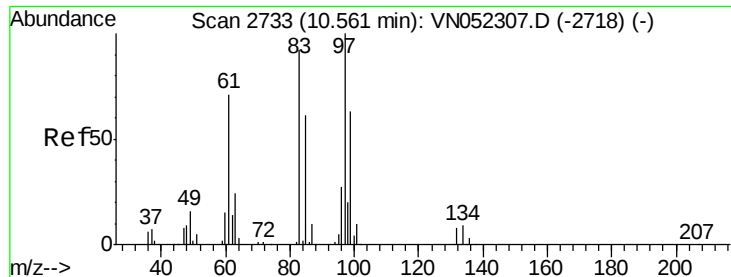
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#54
cis-1,3-Dichloropropene
Concen: 53.71 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 75 Resp: 276065
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 62.6 49.9 74.9





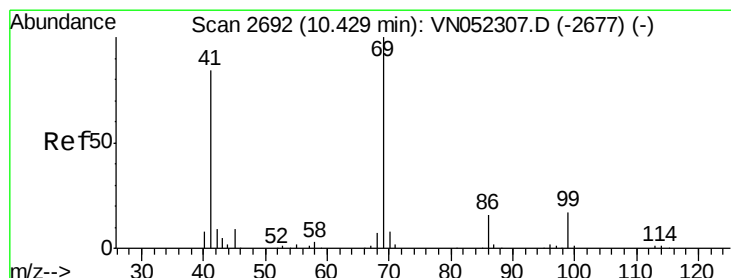
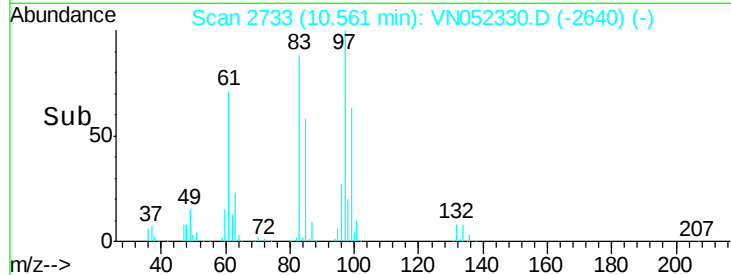
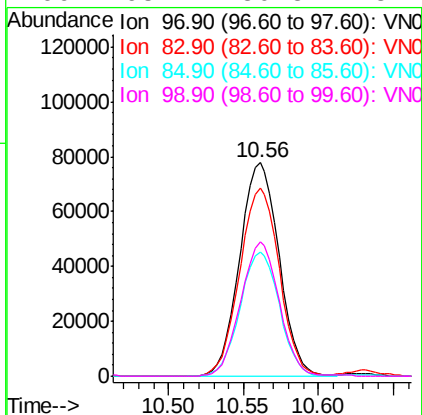
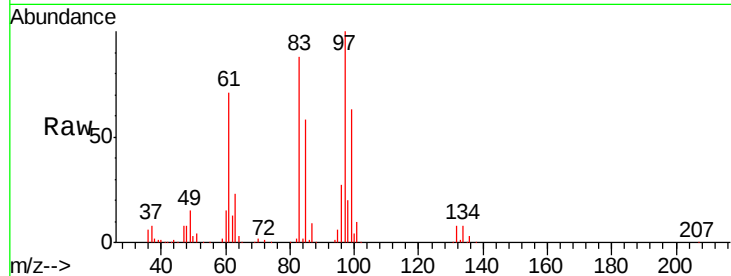
#55
 1,1,2-Trichloroethane
 Concen: 49.71 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	73.8	110.6
85	58.2	49.0	73.4
99	63.2	50.5	75.7

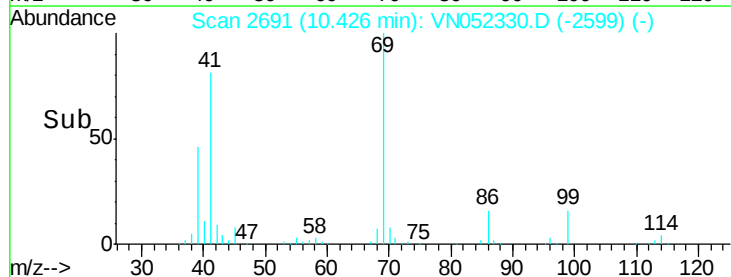
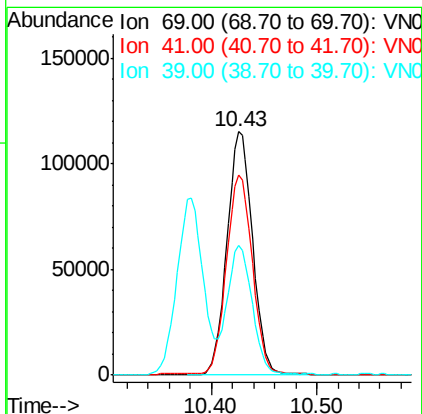
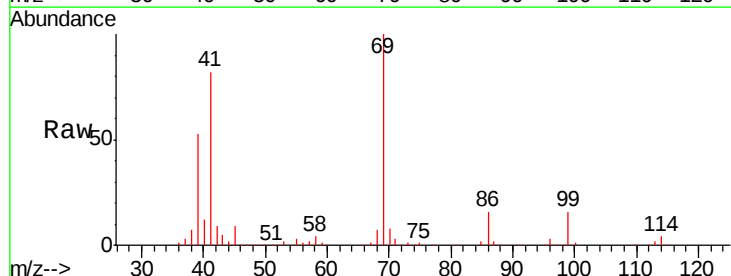
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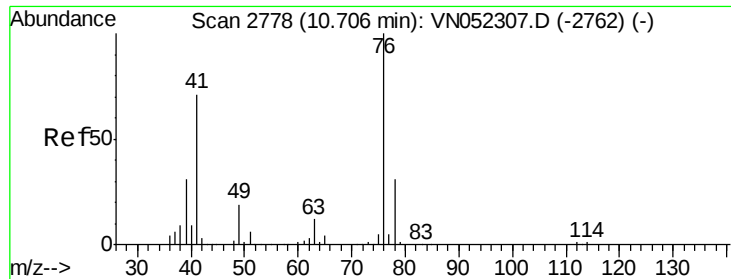
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#56
 Ethyl methacrylate
 Concen: 51.12 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.8	64.8	97.2
39	52.2	41.0	61.6





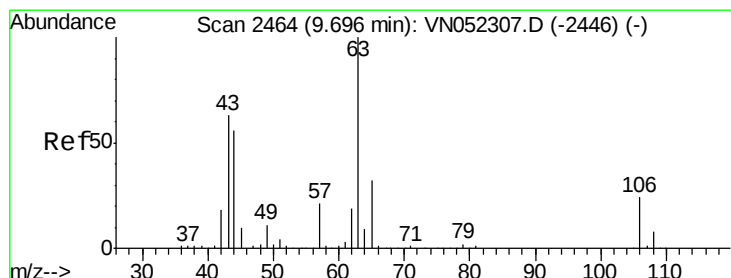
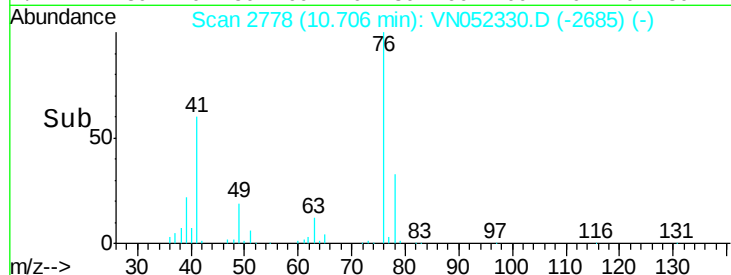
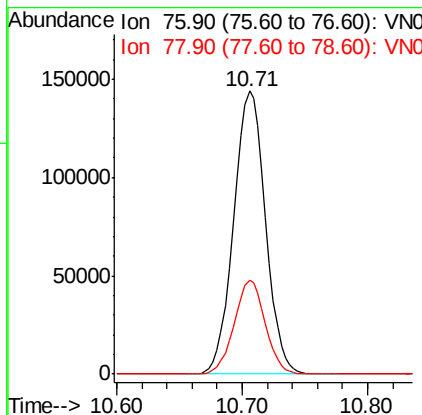
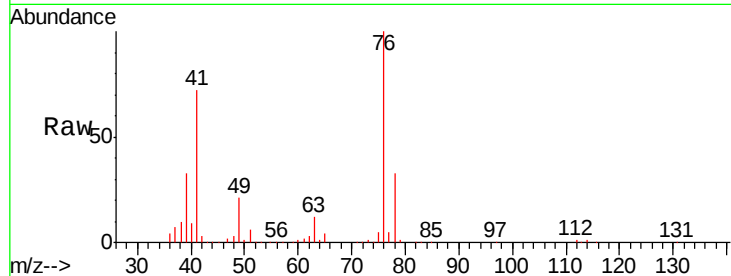
#57
 1,3-Dichloropropane
 Concen: 49.79 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 253622
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

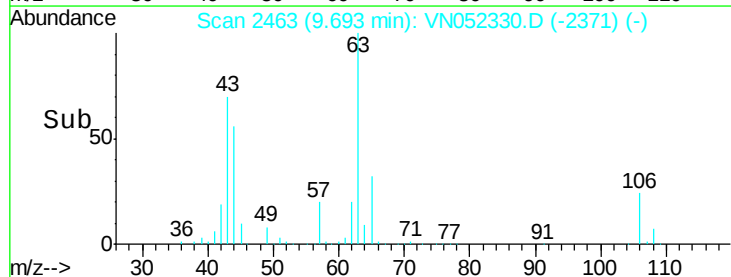
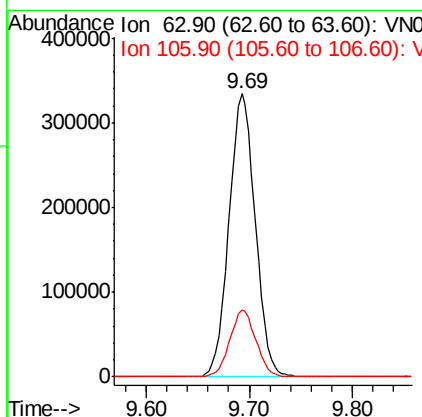
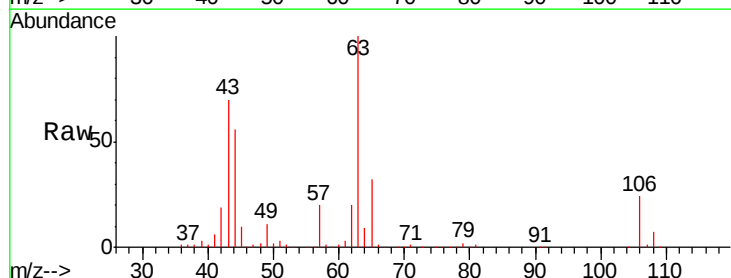
Manual Integrations
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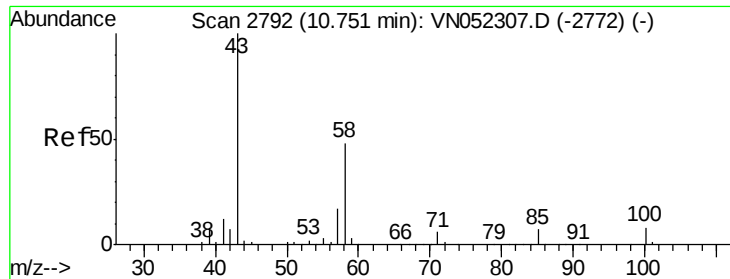
MMDadoda
 11/16/2018 4:06:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.83 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 63 Resp: 593927
 Ion Ratio Lower Upper
 63 100
 106 23.4 19.3 28.9





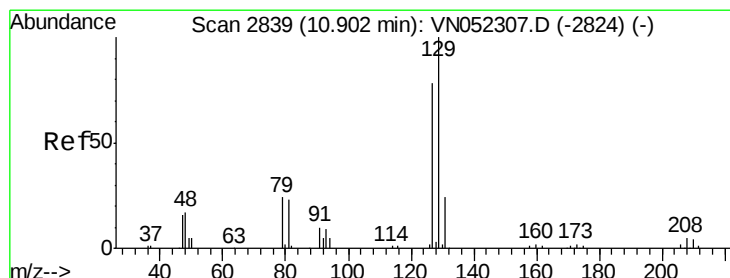
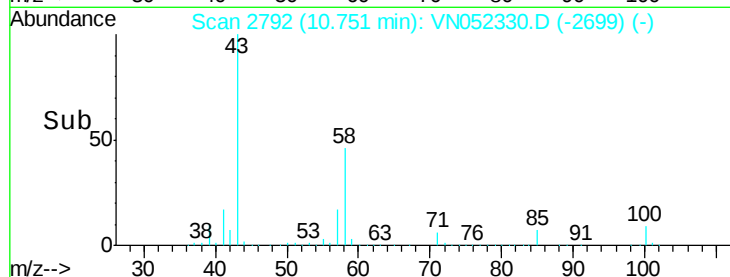
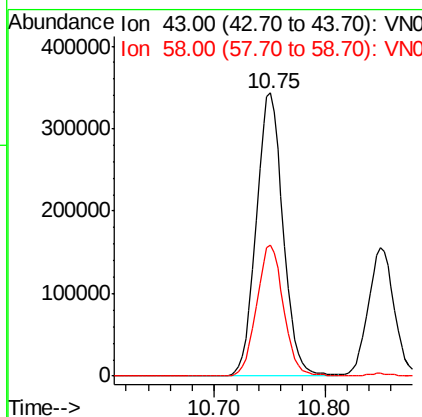
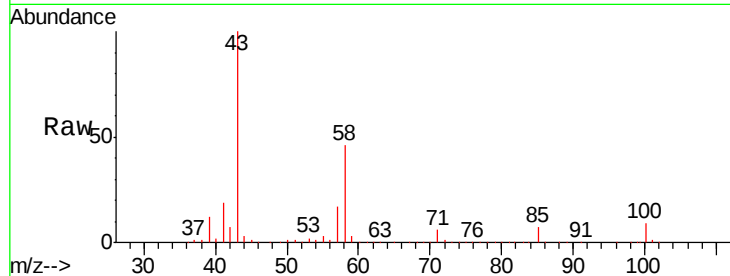
#59
2-Hexanone
Concen: 256.81 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 578024
Ion Ratio Lower Upper
43 100
58 46.6 23.5 70.6

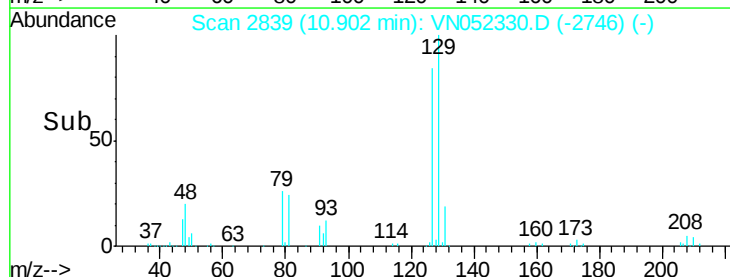
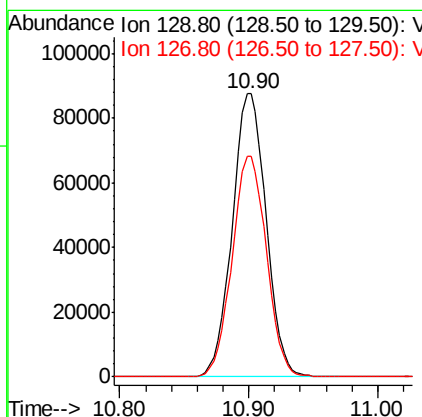
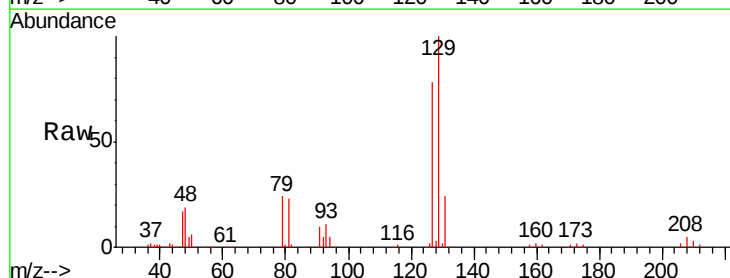
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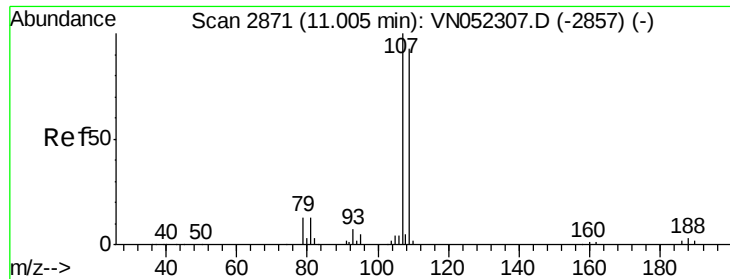
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#60
Dibromochloromethane
Concen: 51.28 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 129 Resp: 159550
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5





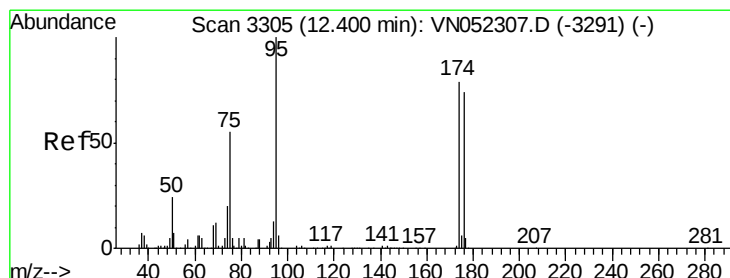
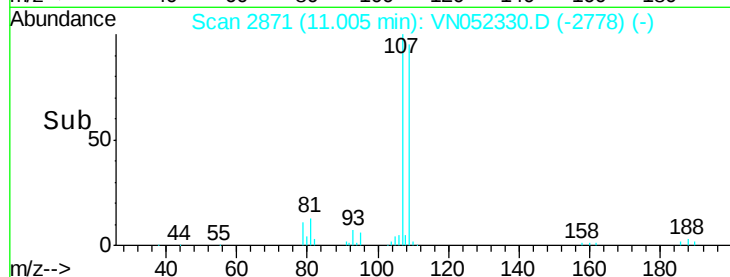
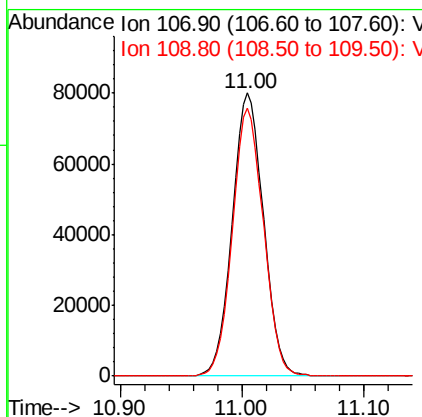
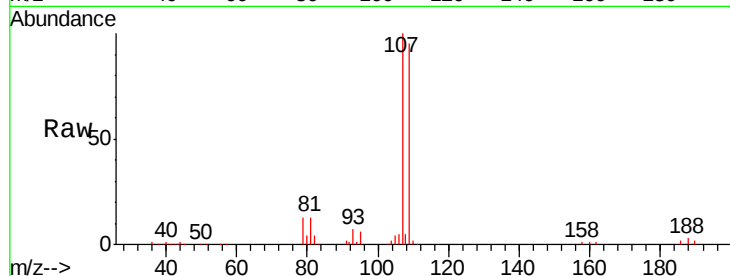
#61
 1,2-Dibromoethane
 Concen: 49.58 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 142041
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.9 112.3

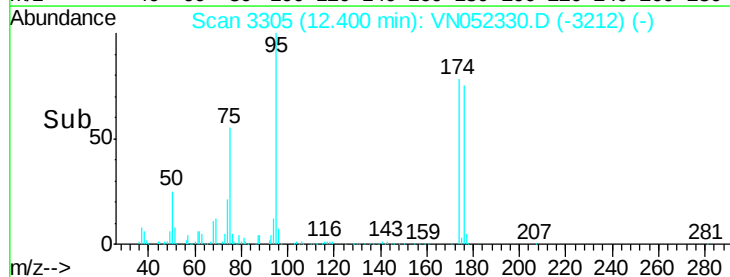
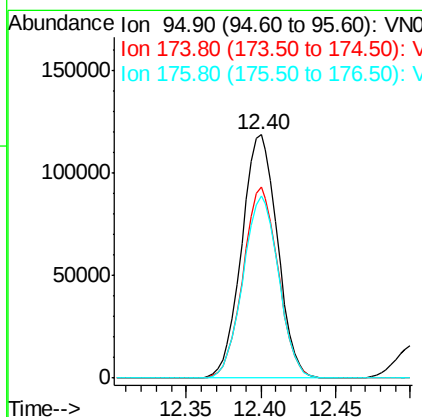
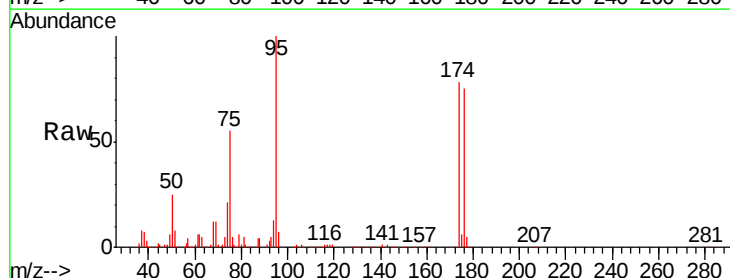
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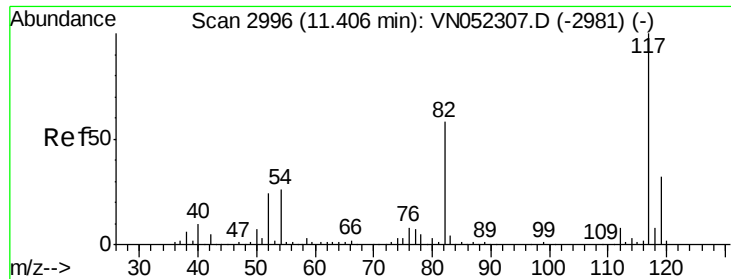
MMDadoda
 11/16/2018 4:06:47 PM



#62
 4-Bromofluorobenzene
 Concen: 49.58 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion: 95 Resp: 197603
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 156.0
 176 74.6 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

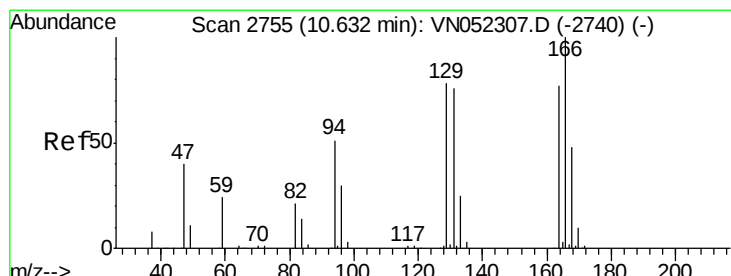
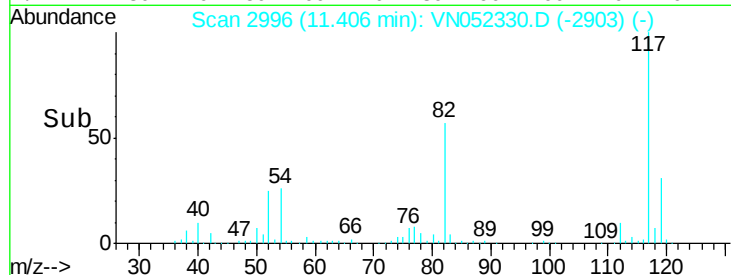
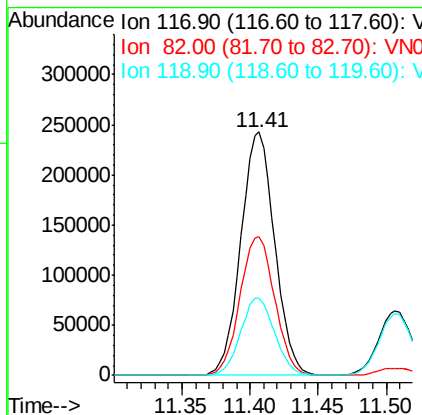
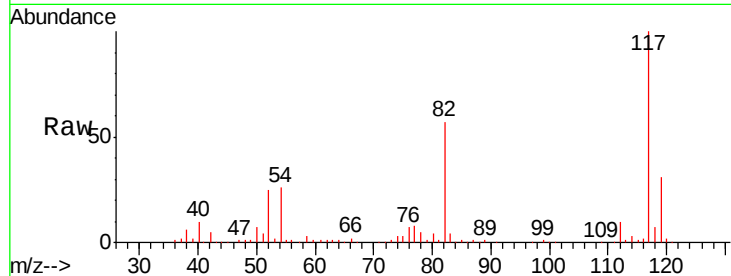
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	418817
Ion Ratio	Lower	Upper	
117	100		
82	56.8	46.5	69.7
119	31.5	25.7	38.5

Manual Integrations
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#64

Tetrachloroethene

Concen: 51.24 ug/l

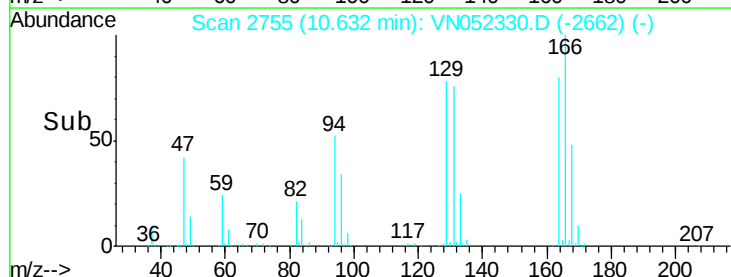
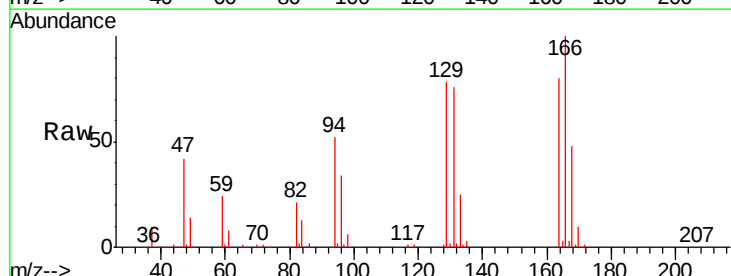
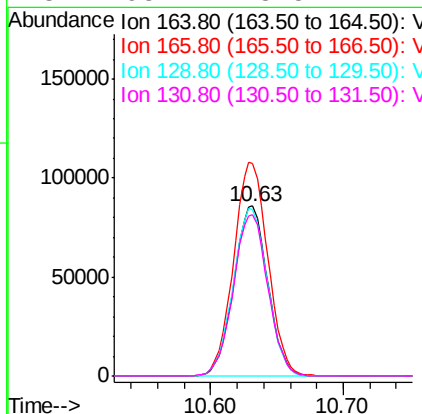
RT: 10.63 min Scan# 2755

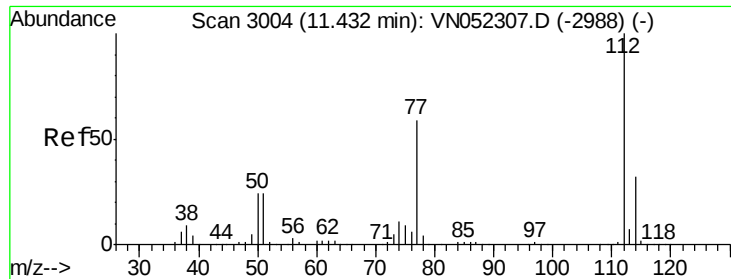
Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion:	164	Resp:	152570
Ion Ratio	Lower	Upper	
164	100		
166	125.4	103.8	155.6
129	98.2	80.7	121.1
131	95.2	78.5	117.7





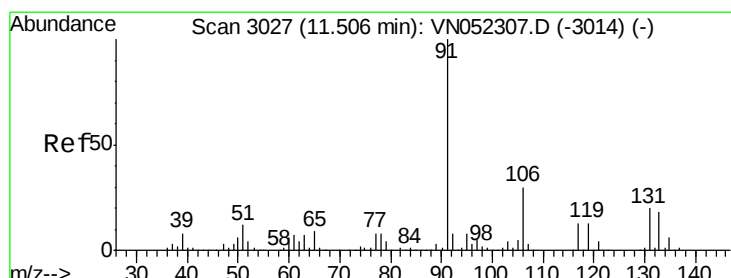
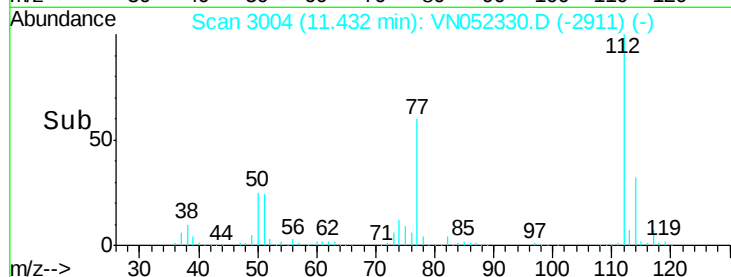
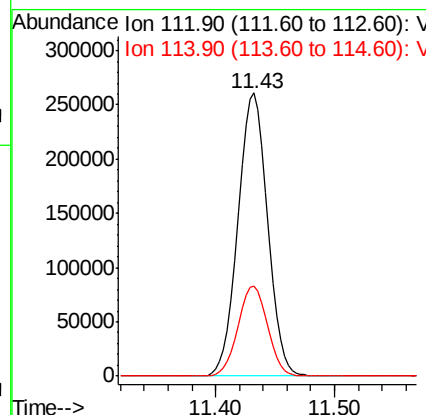
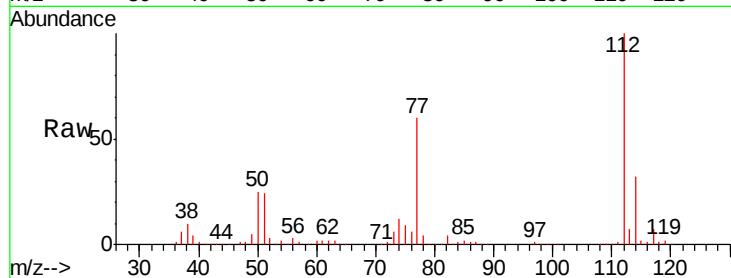
#65
Chlorobenzene
Concen: 50.74 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 449221
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

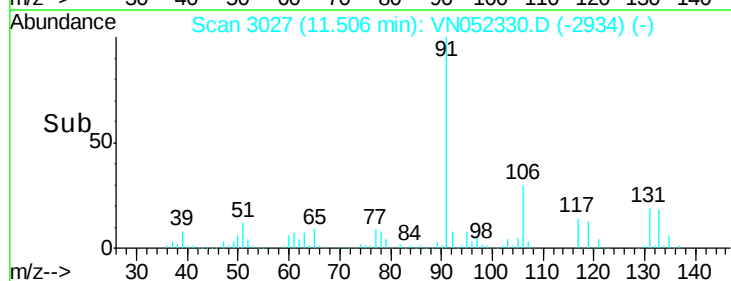
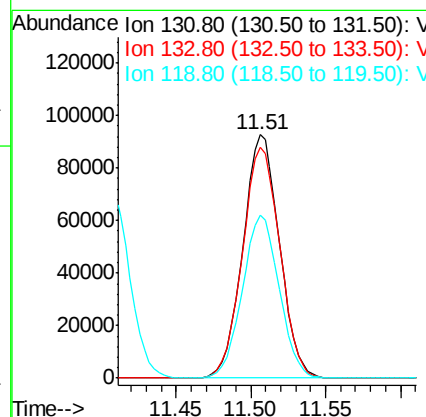
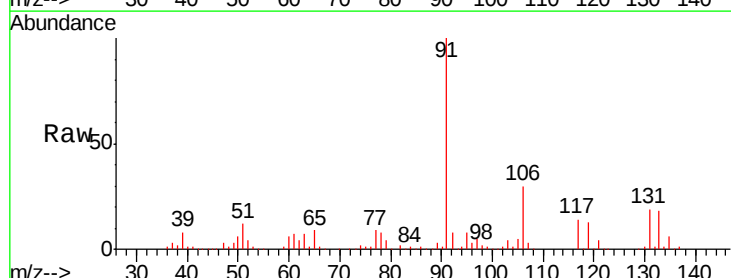
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.24 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:131 Resp: 157714
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 67.5 33.3 99.9





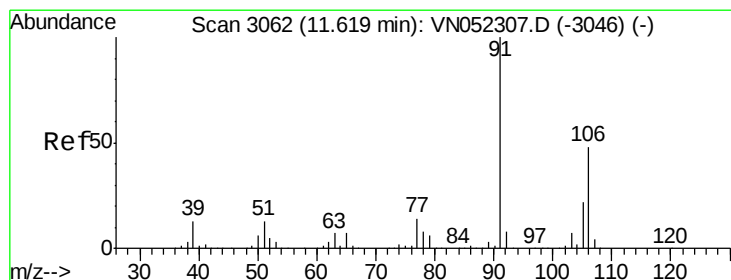
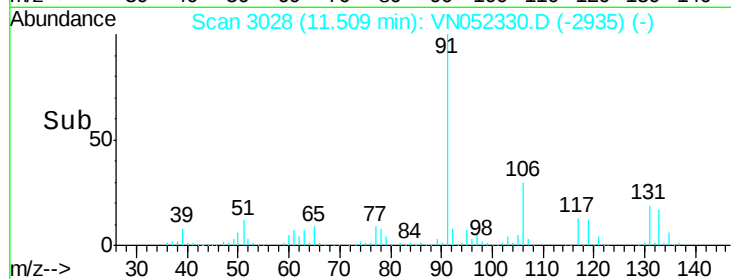
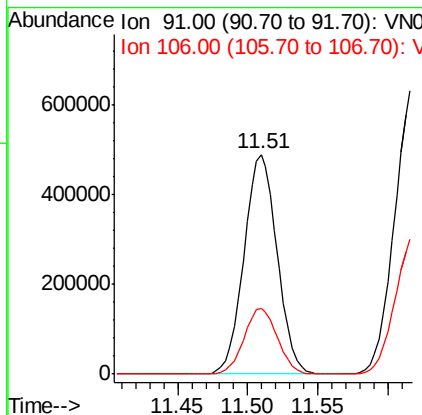
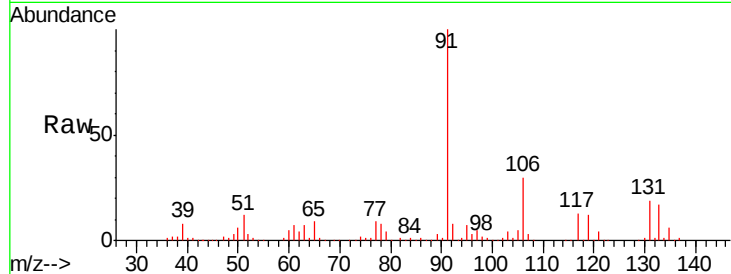
#67
Ethyl Benzene
Concen: 52.35 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 804372
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

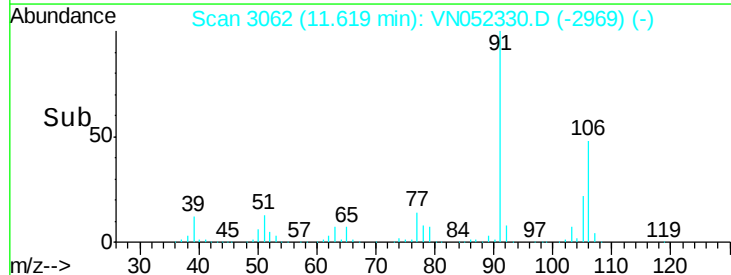
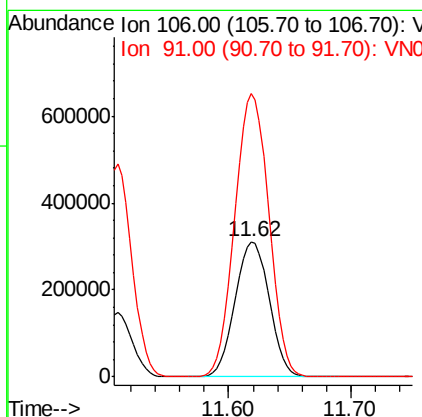
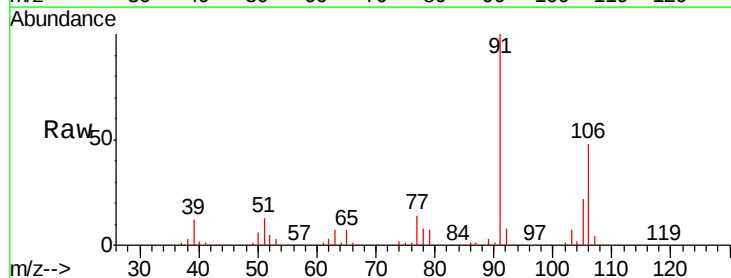
Manual Integrations
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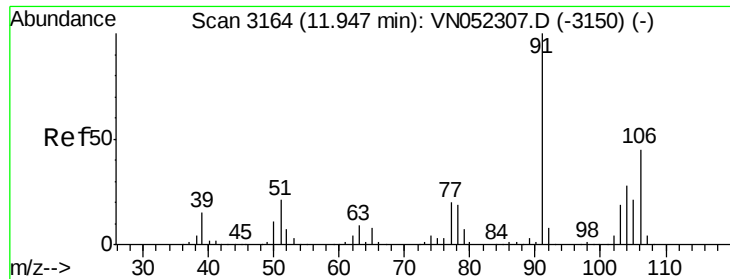
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#68
m/p-Xylenes
Concen: 107.15 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion: 106 Resp: 601517
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3





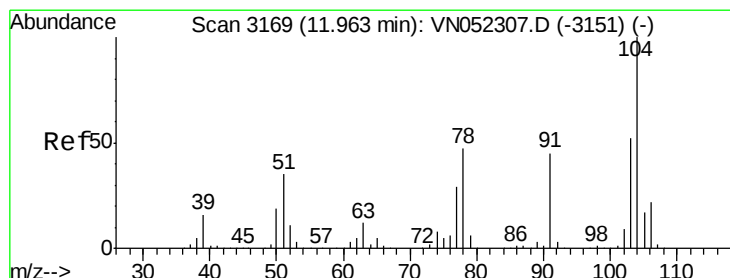
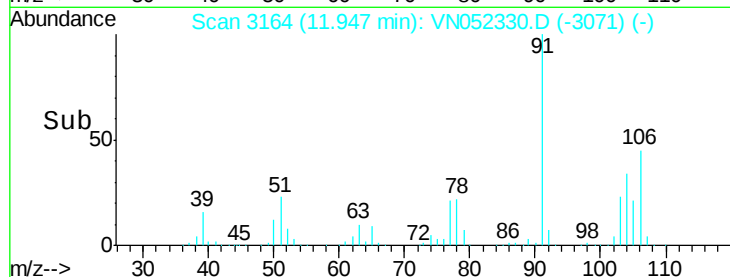
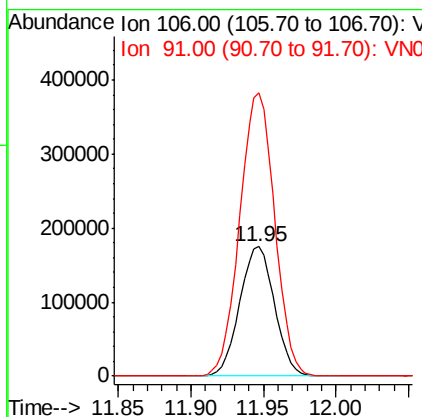
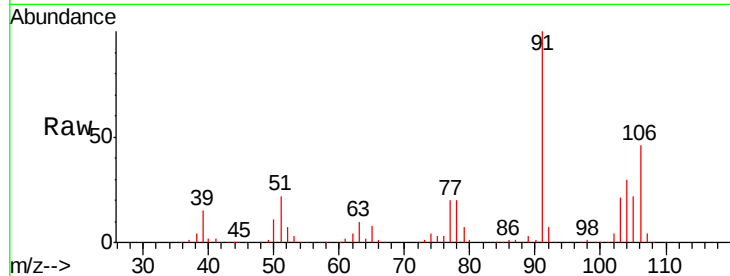
#69
o-Xylene
Concen: 54.24 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 291916
Ion Ratio Lower Upper
106 100
91 219.5 110.0 330.0

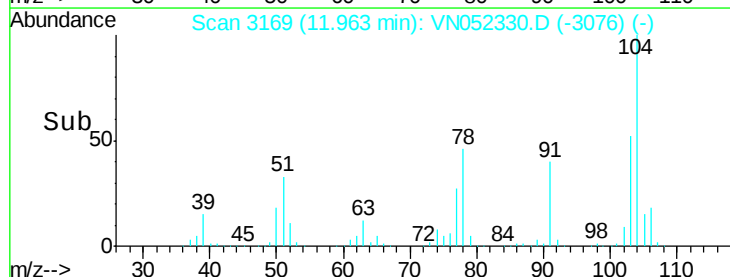
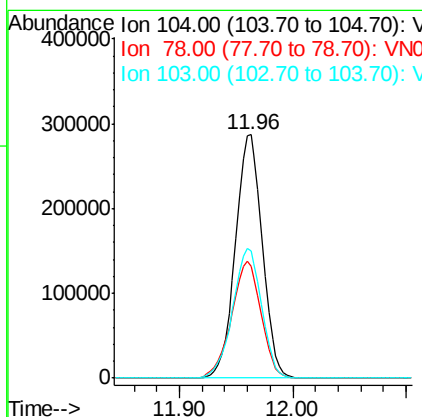
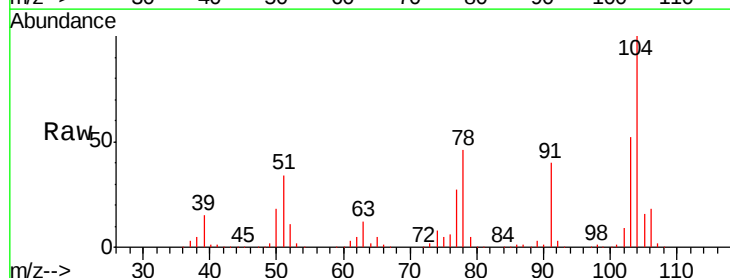
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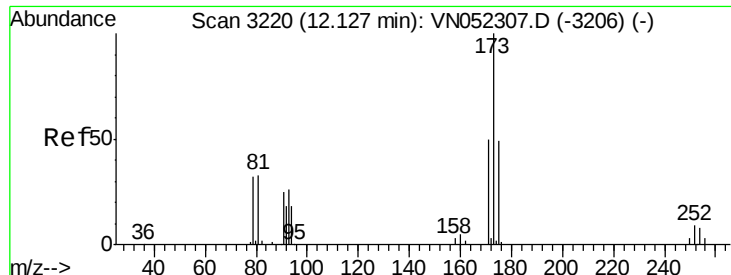
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#70
Styrene
Concen: 55.18 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion:104 Resp: 475476
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 57.2 45.4 68.0





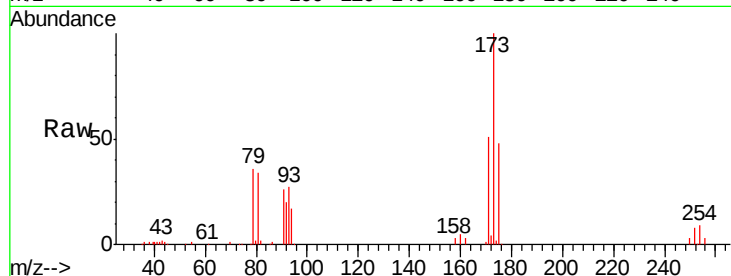
#71
Bromoform
Concen: 53.30 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

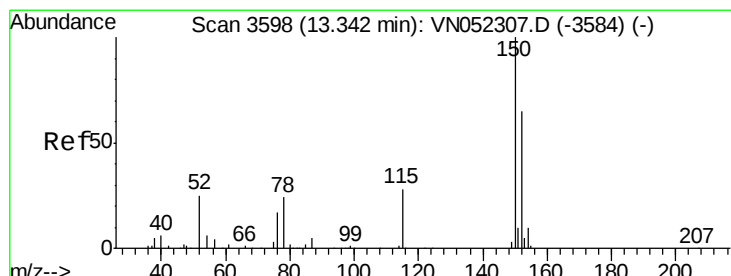
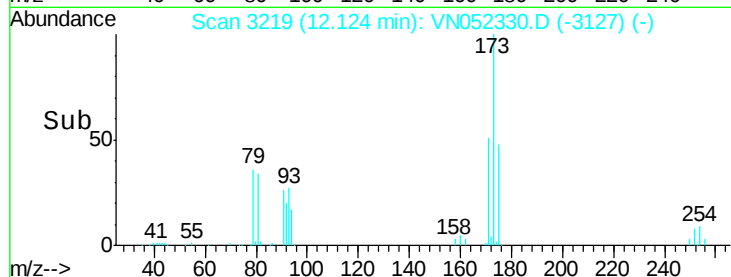
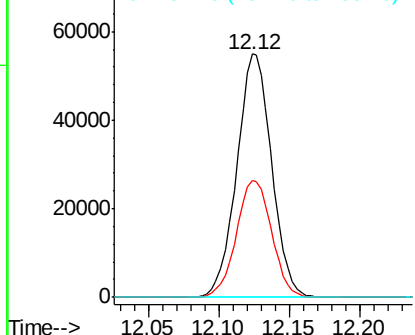
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.0	75.0
254	0.0	0.0	0.0

Manual Integrations
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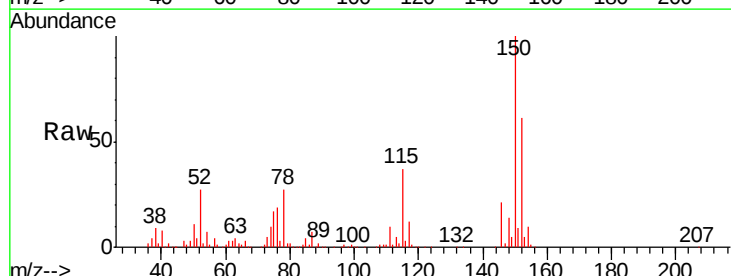


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

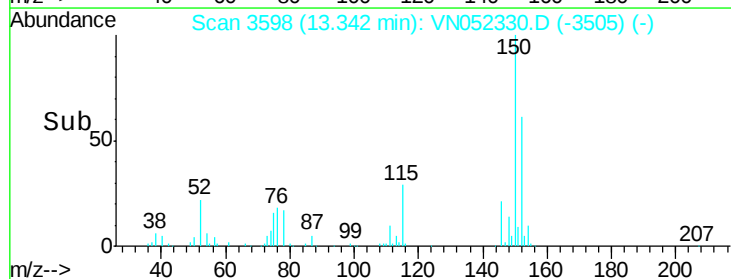
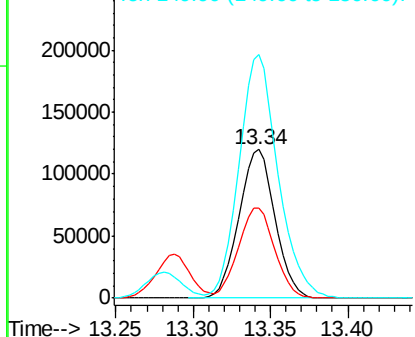


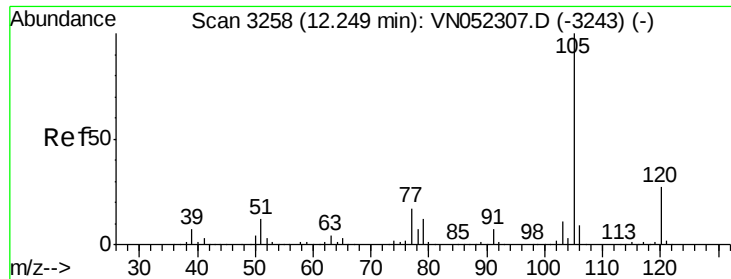
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.3	91.0
150	177.9	0.0	348.2



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





#73

Isopropylbenzene

Concen: 51.02 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 793942

Ion Ratio Lower Upper

105 100

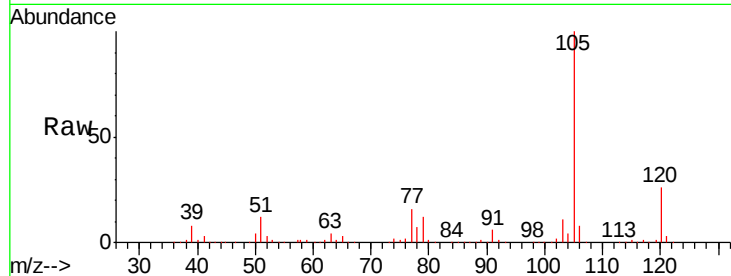
120 25.9 13.4 40.1

Manual Integrations

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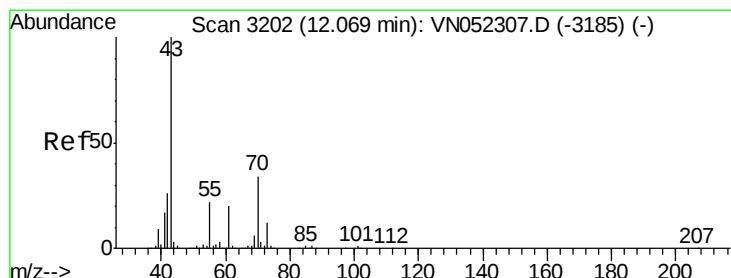
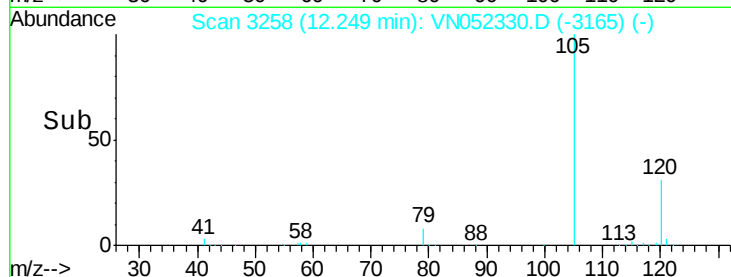
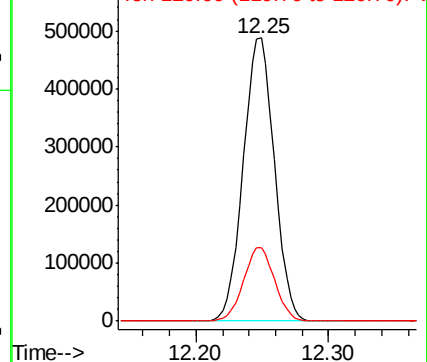
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.10 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Tgt Ion: 43 Resp: 277664

Ion Ratio Lower Upper

43 100

70 34.4 27.1 40.7

55 22.2 17.4 26.0

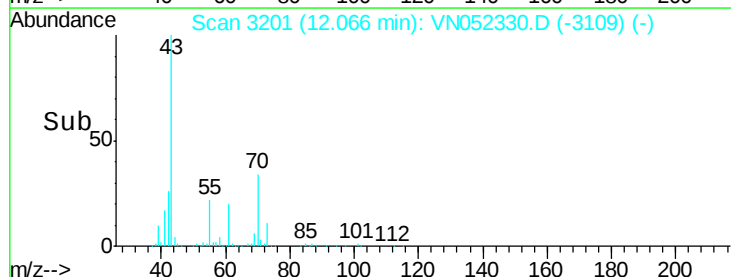
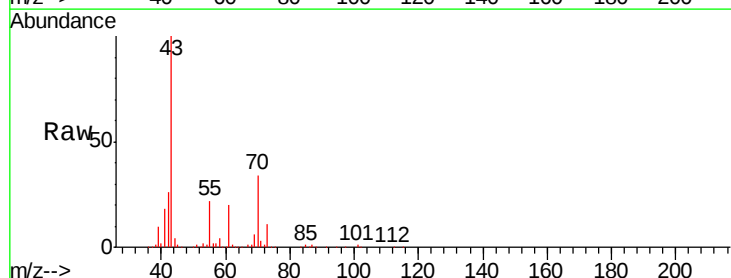
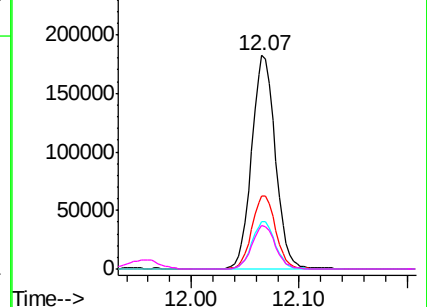
61 20.3 16.1 24.1

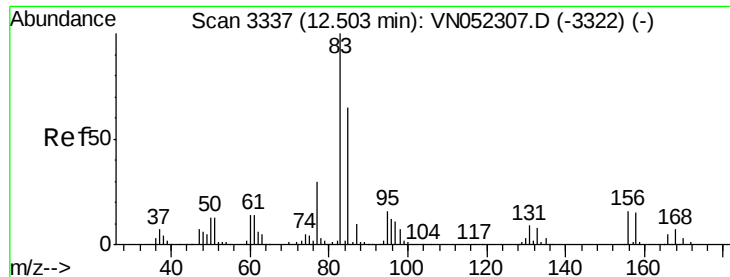
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.55 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 171348
Ion Ratio Lower Upper

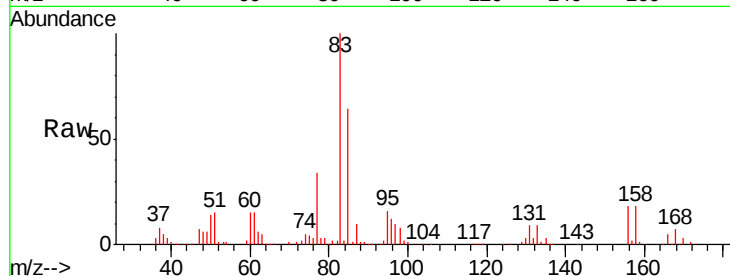
83 100

131 10.0 4.7 14.1

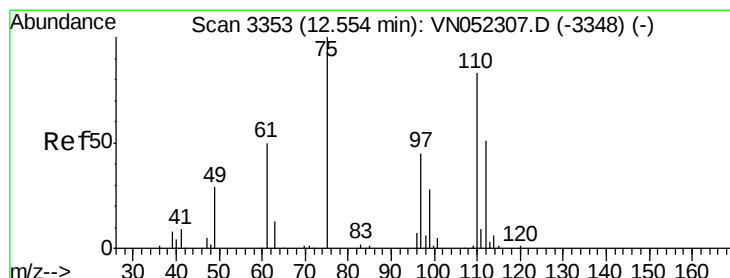
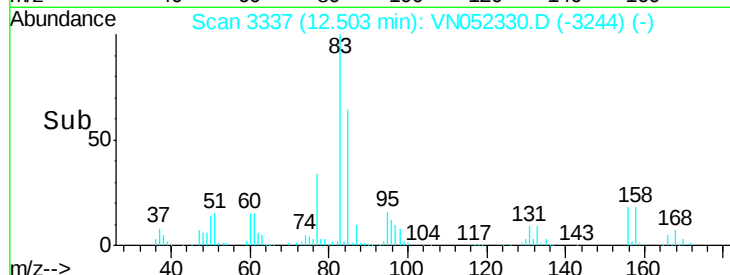
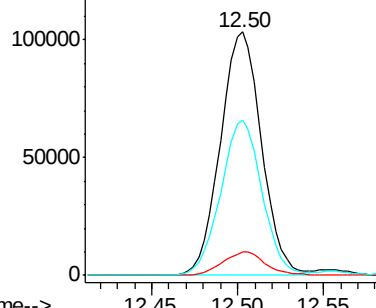
85 63.9 32.4 97.2

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 47.00 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

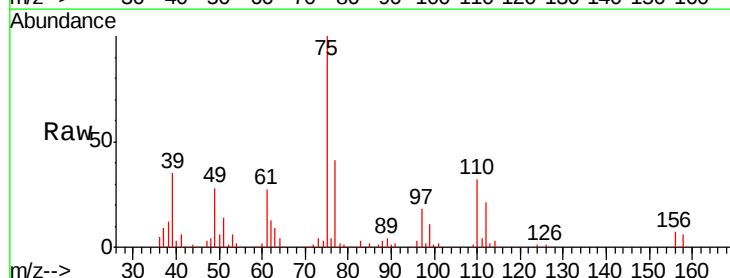
Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

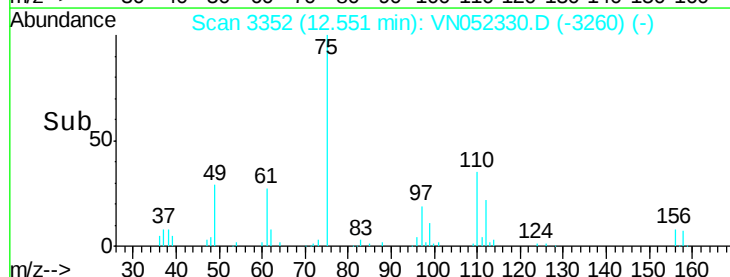
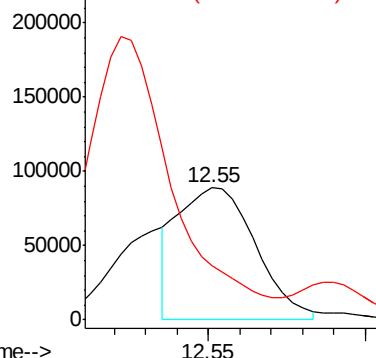
Tgt Ion: 75 Resp: 154358
Ion Ratio Lower Upper

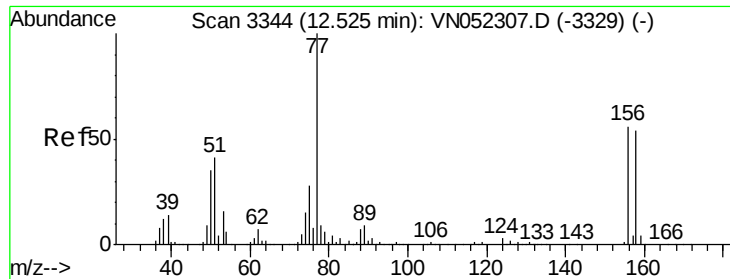
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.44 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

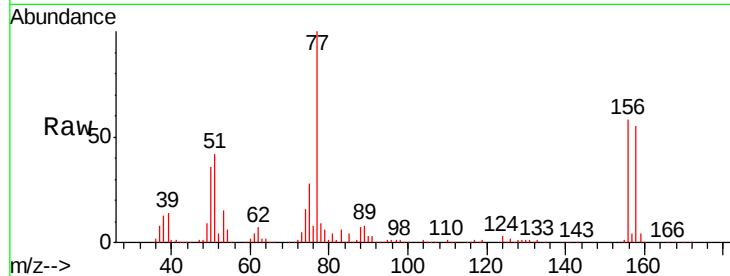
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	202.0	103.6	310.9
158	96.3	48.1	144.4

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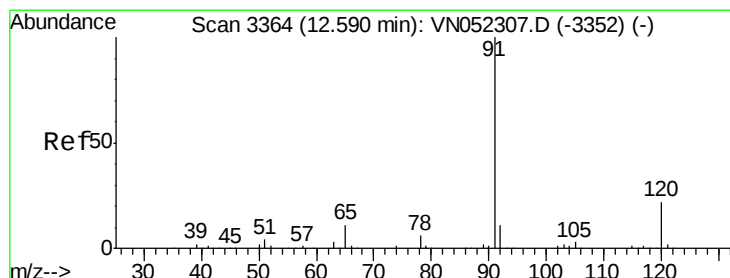
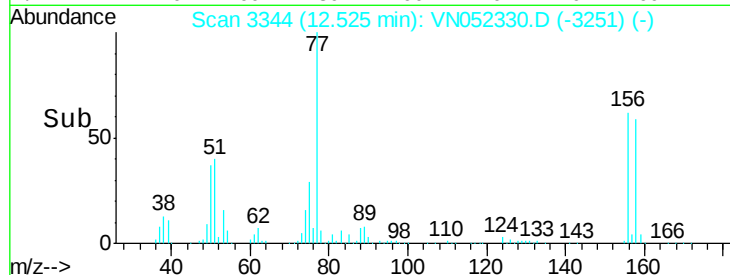
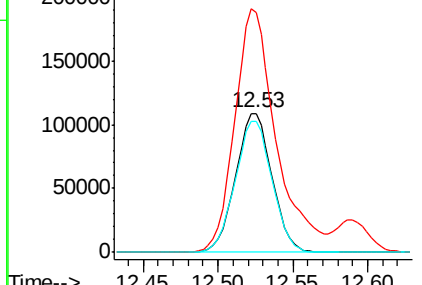
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.96 ug/l

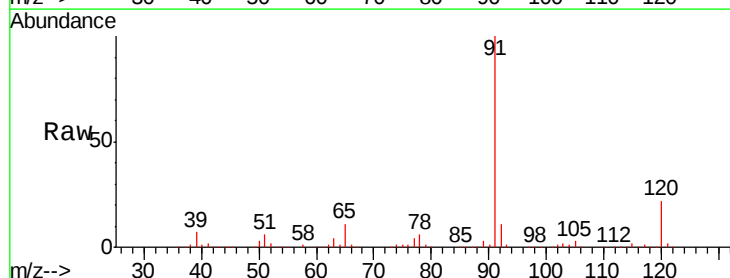
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052330.D

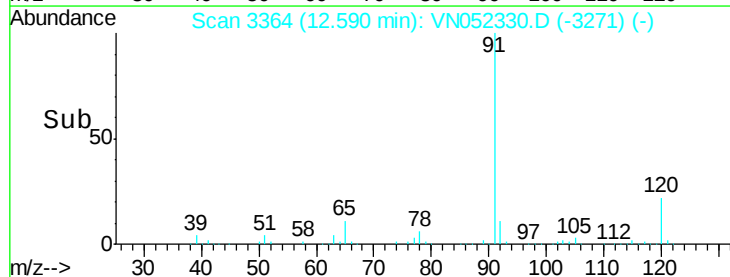
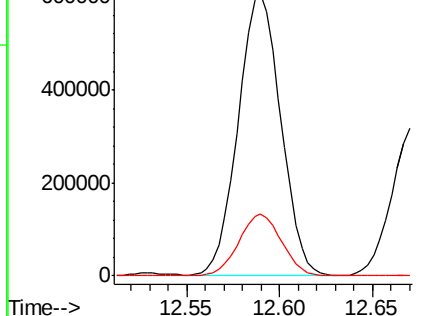
Acq: 15 Nov 2018 8:19

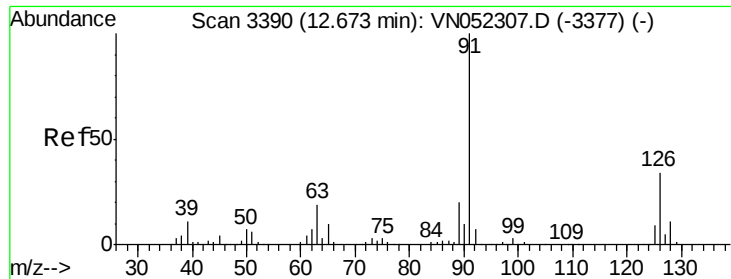
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.67 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052330.D

Acq: 15 Nov 2018 8:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 538738

Ion Ratio Lower Upper

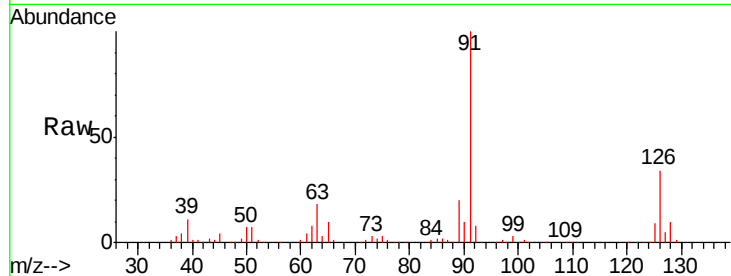
91 100

126 33.6 17.0 51.0

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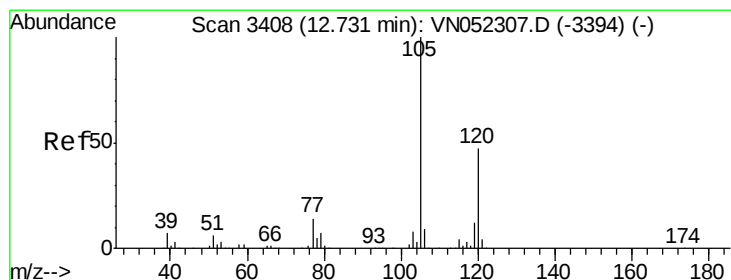
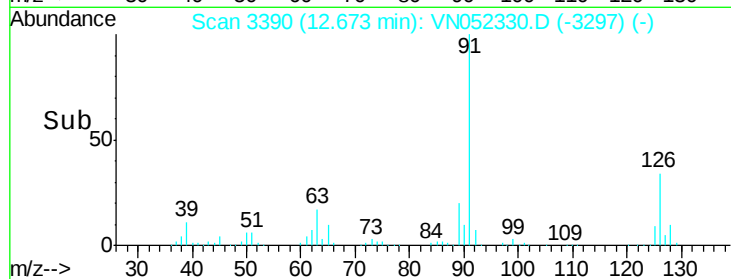
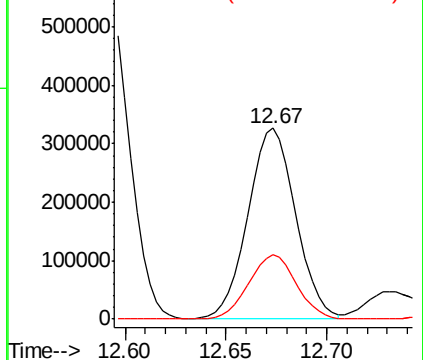
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Abundance Ion 91.00 (90.70 to 91.70): VN052330.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN052330.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.95 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052330.D

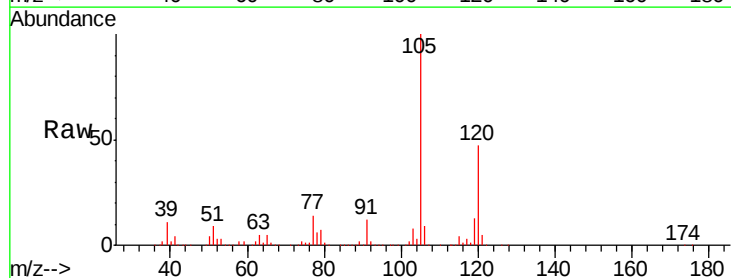
Acq: 15 Nov 2018 8:19

Tgt Ion: 105 Resp: 655215

Ion Ratio Lower Upper

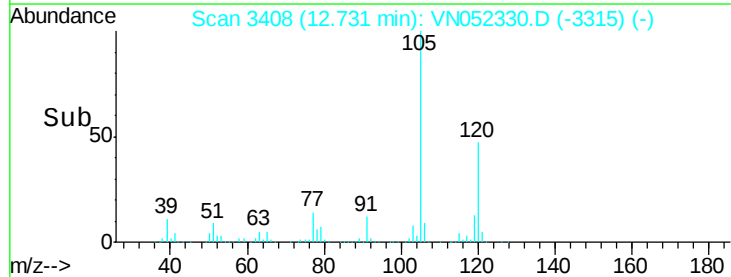
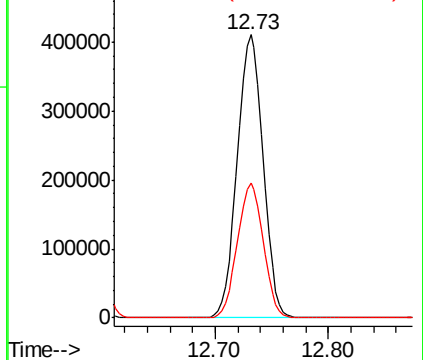
105 100

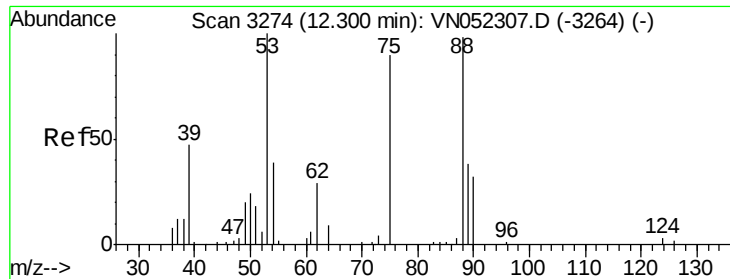
120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052330.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052330.D (-3315) (-)





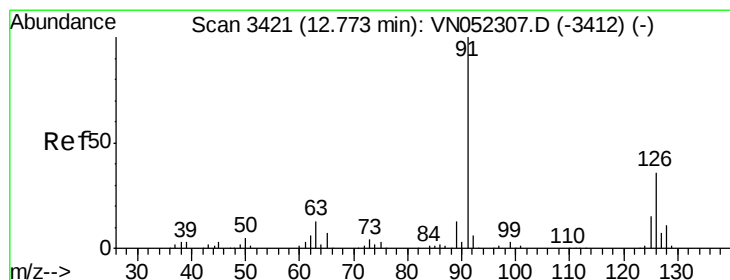
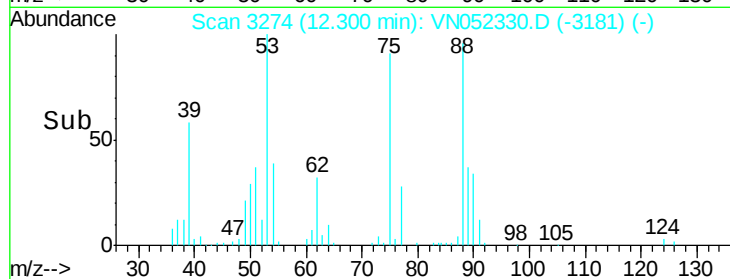
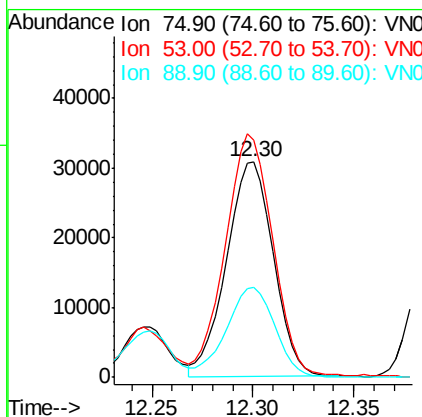
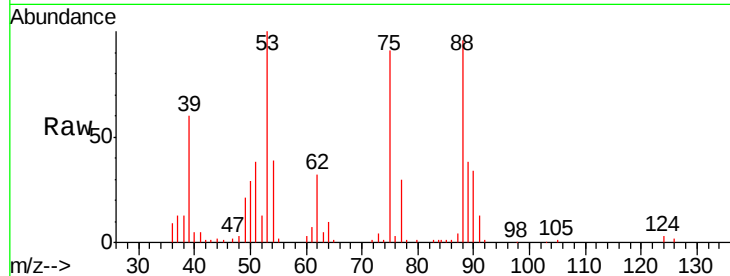
#81
trans-1,4-Dichloro-2-butene
Concen: 49.53 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.9	90.2	135.2
89	43.5	35.4	53.0

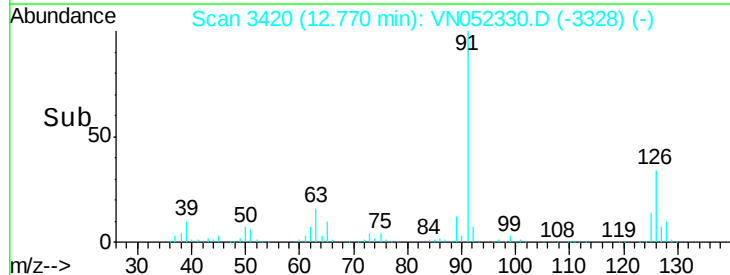
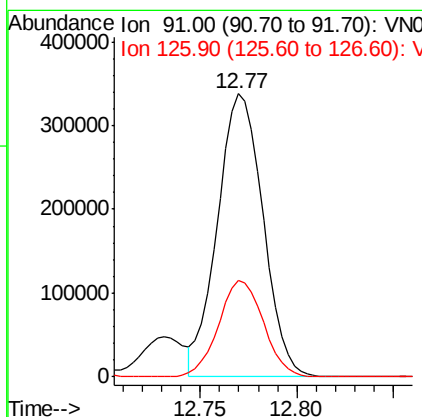
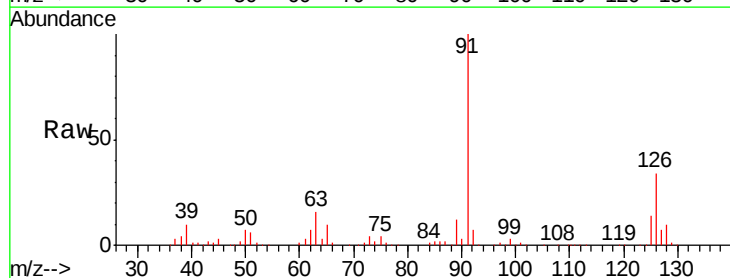
Manual Integrations
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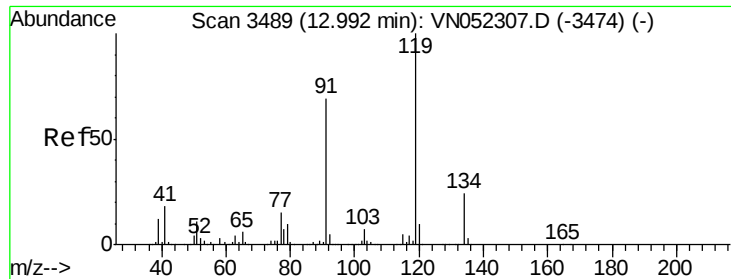
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#82
4-Chlorotoluene
Concen: 50.65 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.0	50.9





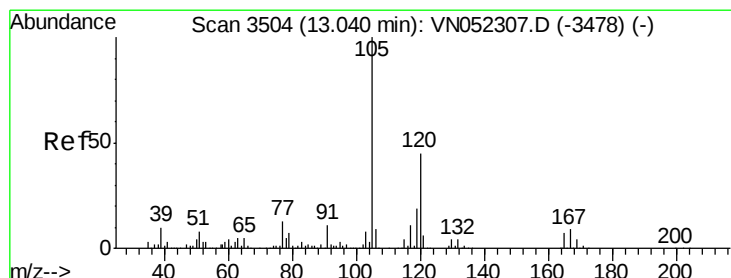
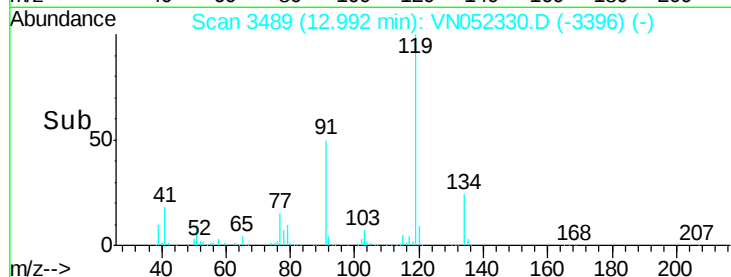
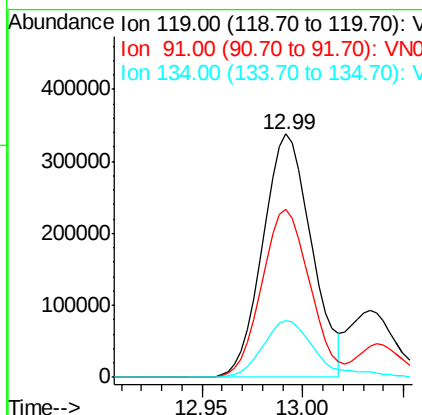
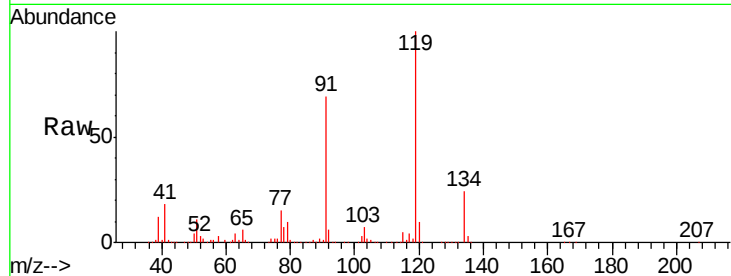
#83
 tert-Butylbenzene
 Concen: 51.94 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.8	101.3
134	25.5	11.9	35.9

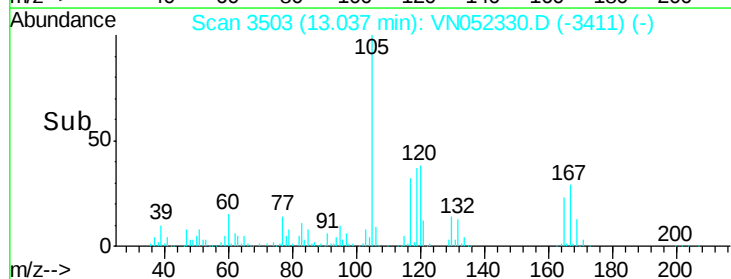
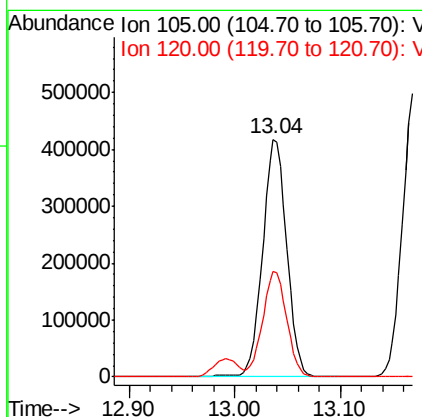
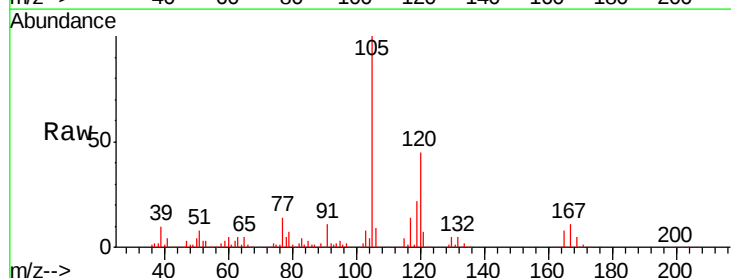
Manual Integrations
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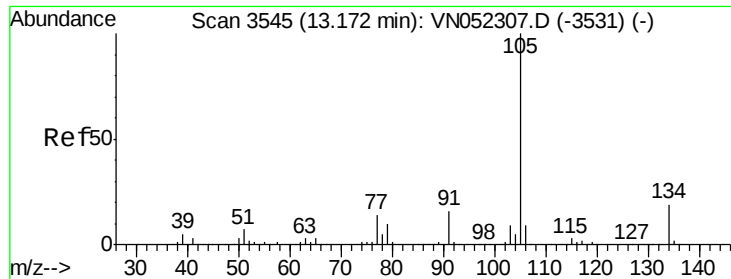
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.51 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.5	67.5





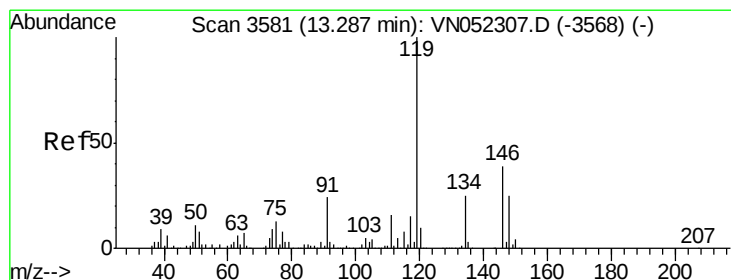
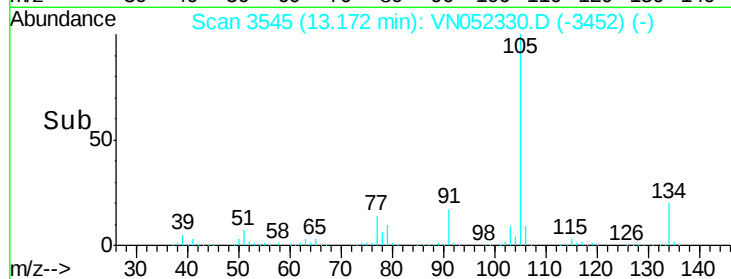
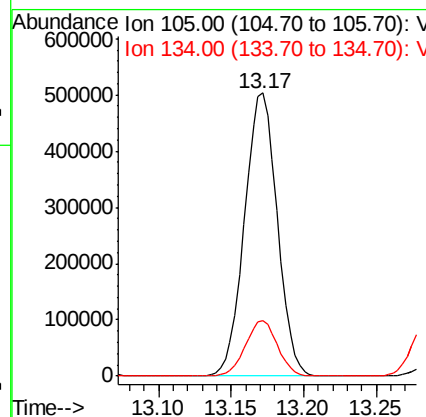
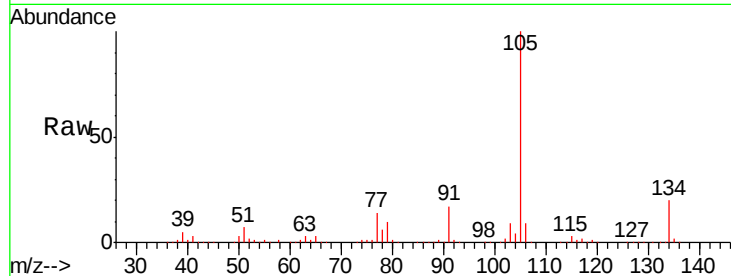
#85
 sec-Butylbenzene
 Concen: 53.13 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.5	28.5

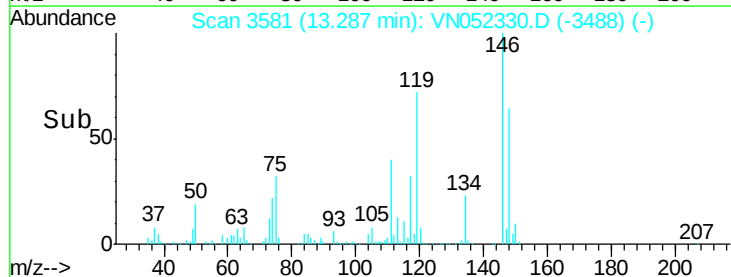
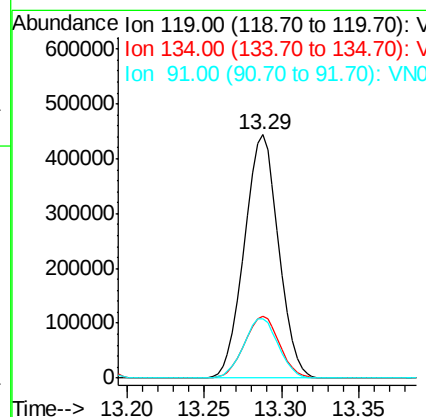
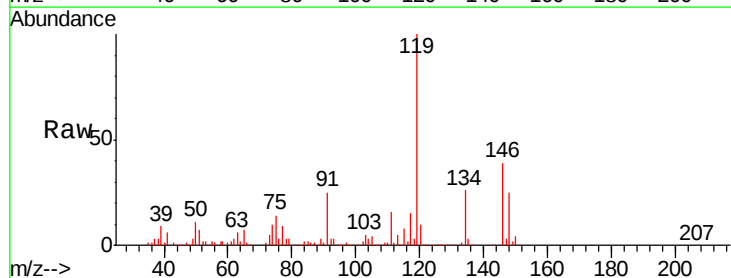
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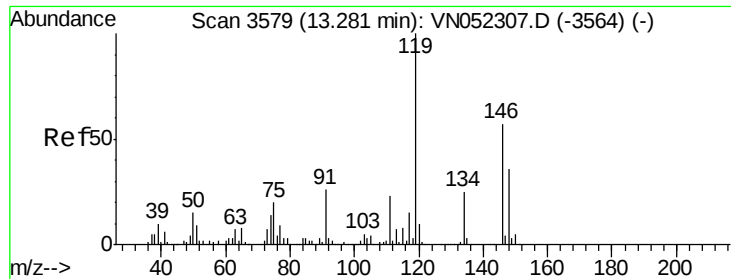
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#86
 p-Isopropyltoluene
 Concen: 54.05 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	24.9	12.4	37.0





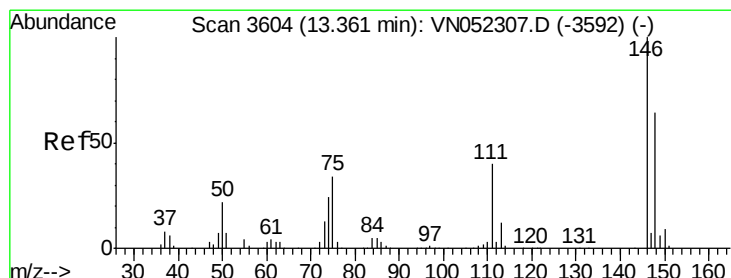
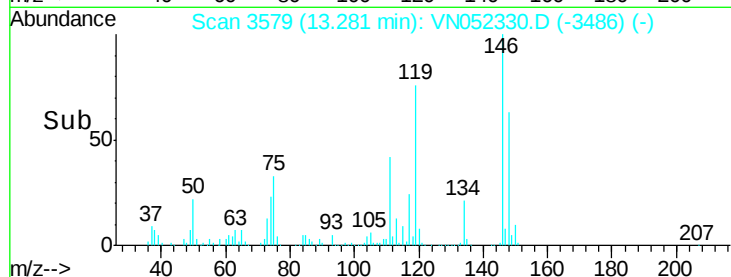
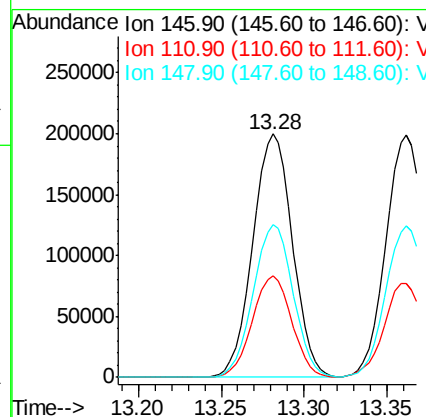
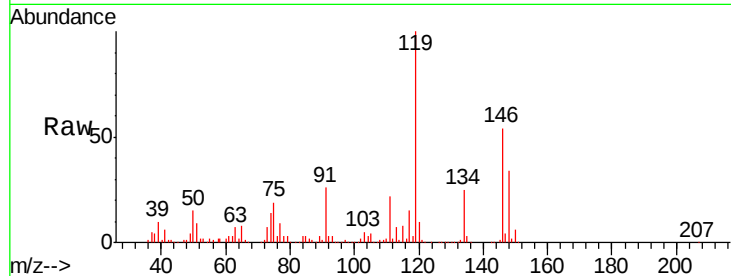
#87
 1,3-Dichlorobenzene
 Concen: 51.64 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.1	31.8	95.4

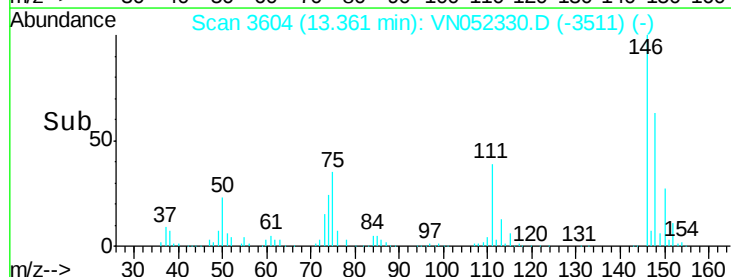
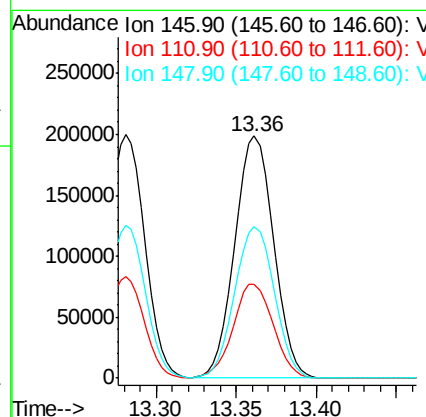
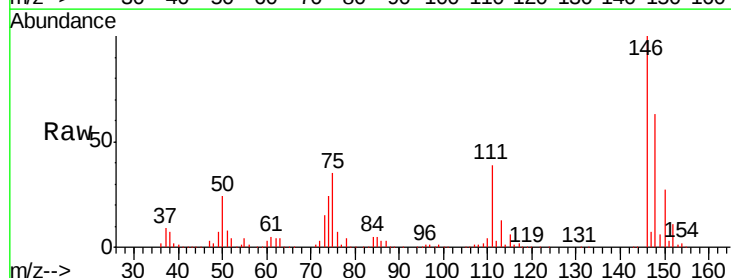
Manual Integrations
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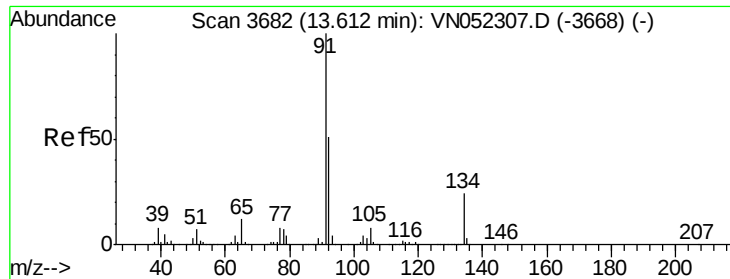
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#88
 1,4-Dichlorobenzene
 Concen: 51.51 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	64.0	32.4	97.2





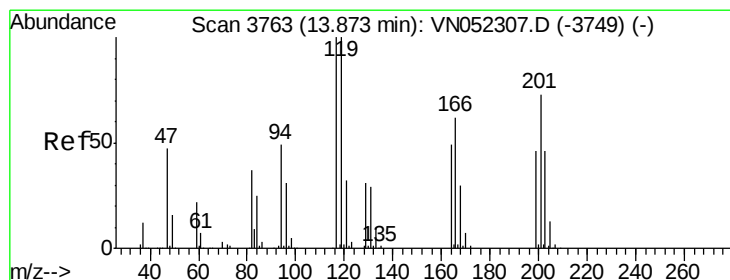
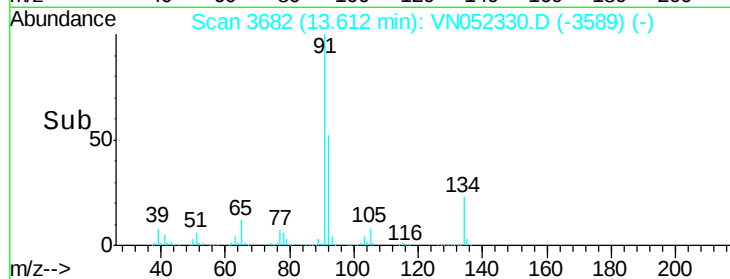
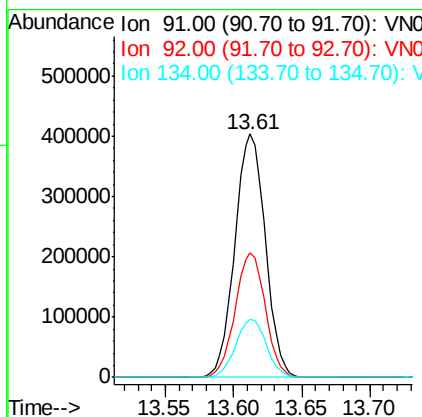
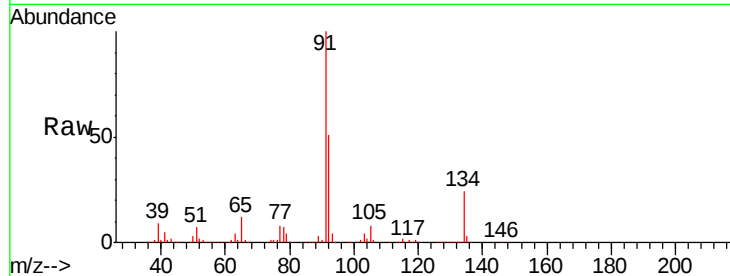
#89
n-Butylbenzene
Concen: 57.80 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.4	76.2
134	24.2	12.2	36.4

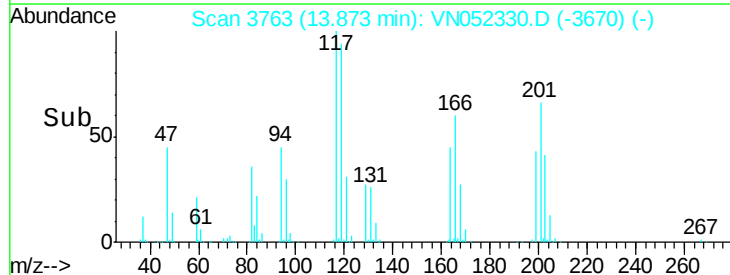
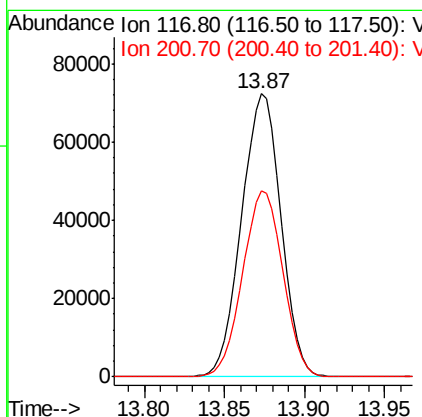
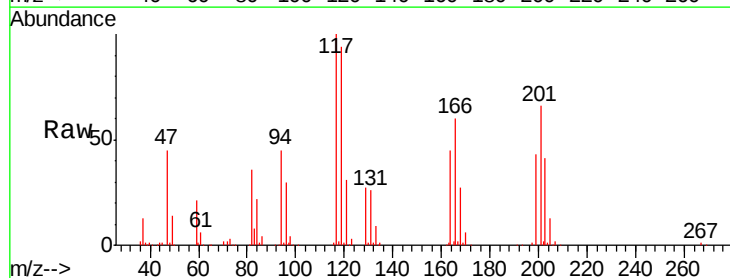
Manual Integrations
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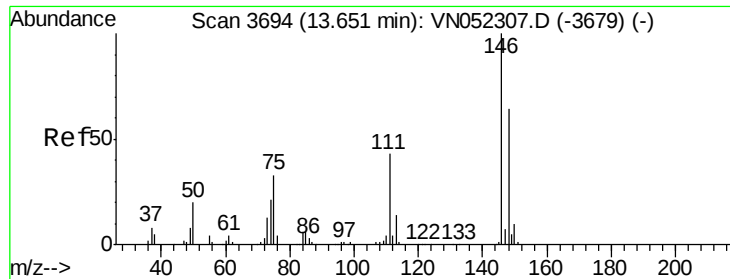
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#90
Hexachloroethane
Concen: 54.73 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	35.3	105.9





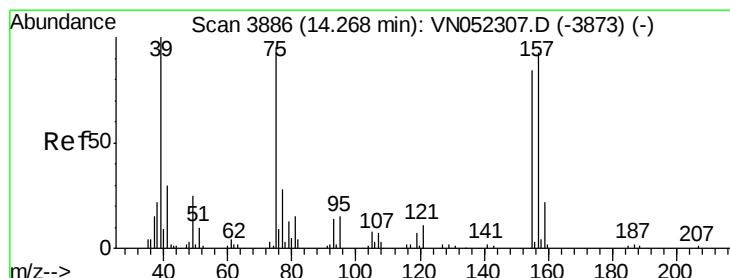
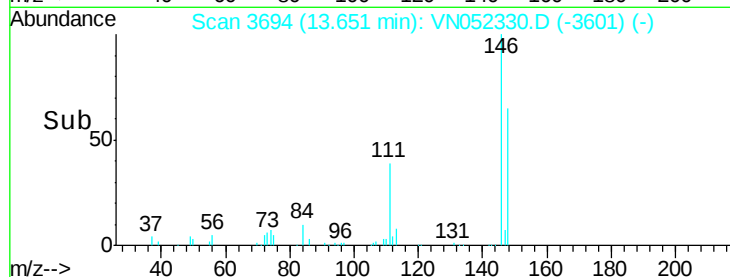
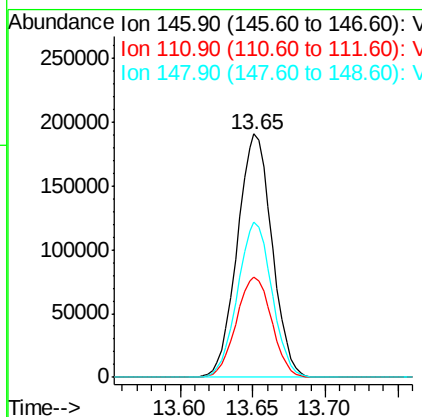
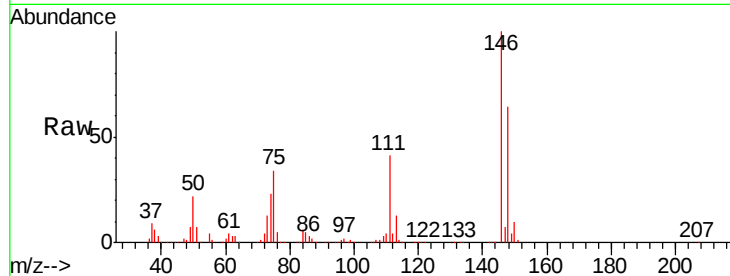
#91
 1,2-Dichlorobenzene
 Concen: 50.97 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.3	31.6	94.8

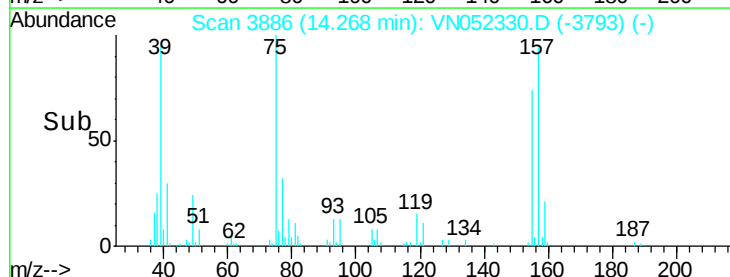
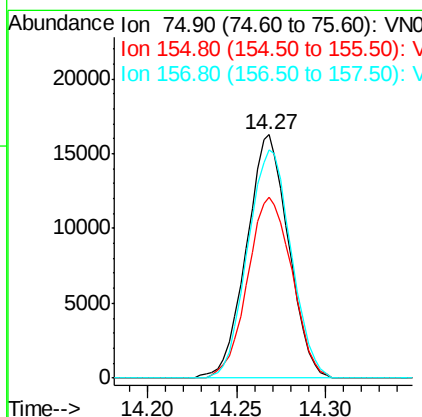
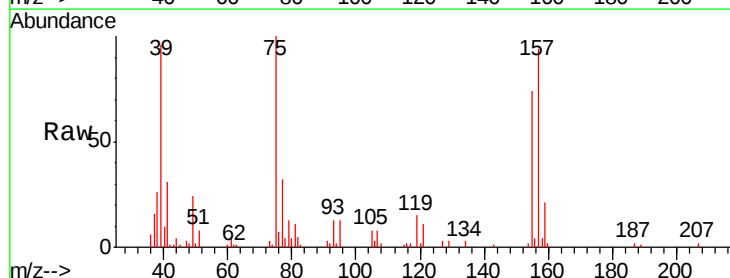
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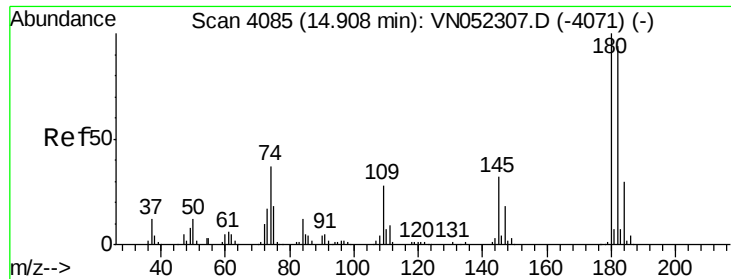
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.19 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	42.4	127.3
157	97.3	49.6	149.0





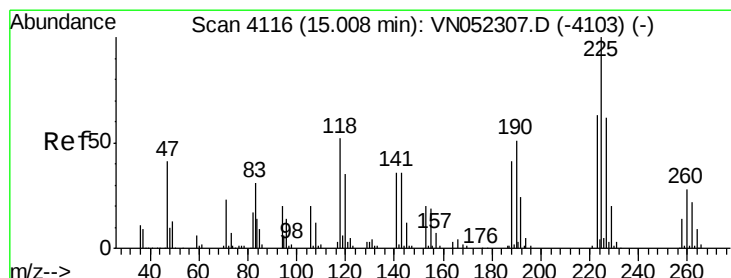
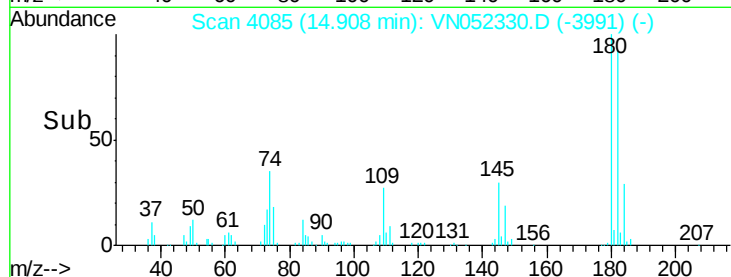
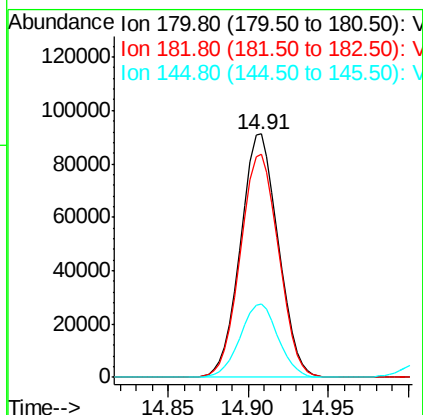
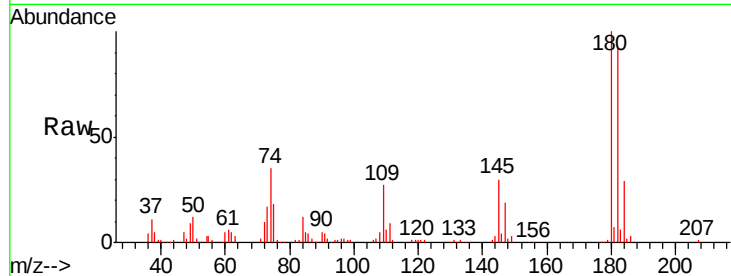
#93
 1,2,4-Trichlorobenzene
 Concen: 50.53 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.9
145	30.3	15.5	46.5

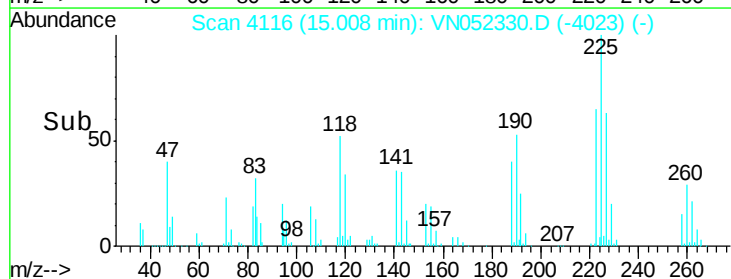
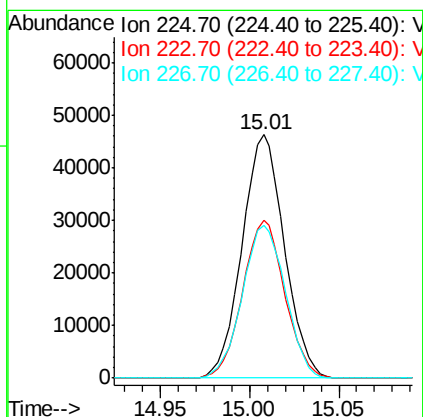
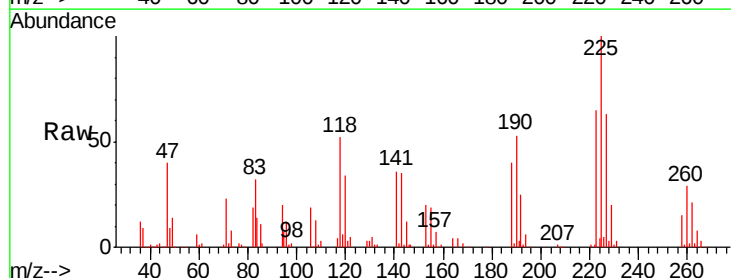
Manual Integrations
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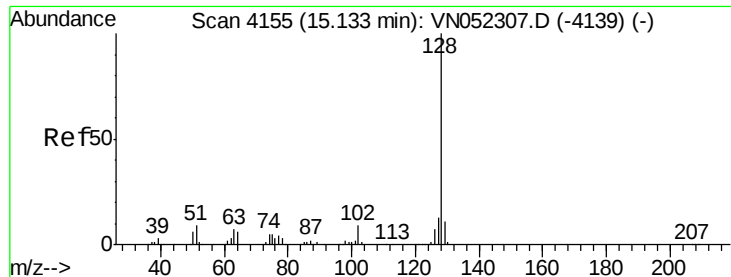
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#94
 Hexachlorobutadiene
 Concen: 53.90 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052330.D
 Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.9	95.5
227	63.9	31.6	95.0





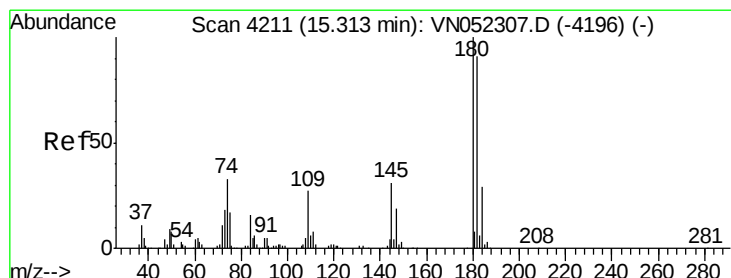
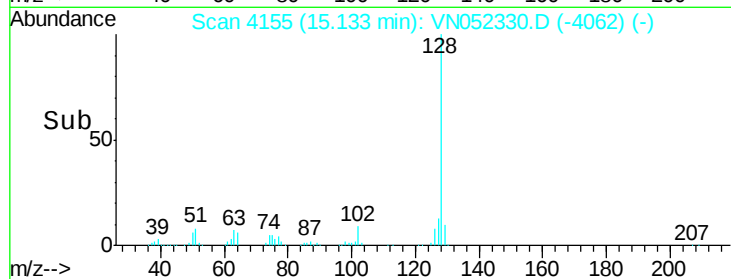
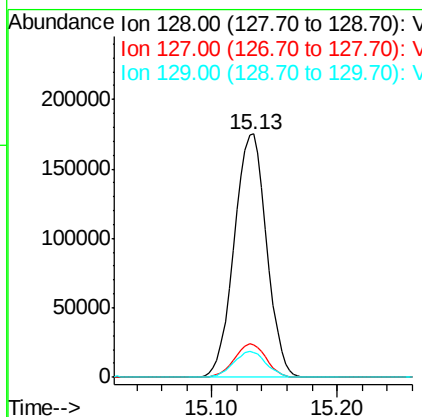
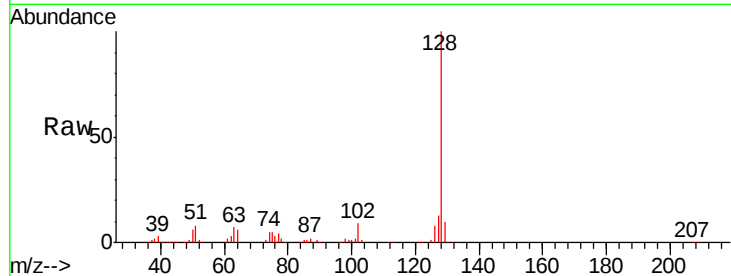
#95
Naphthalene
Concen: 46.05 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.33 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052330.D
Acq: 15 Nov 2018 8:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.5	139.3
145	33.7	16.4	49.2

