

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051664.D
 Acq On : 4 Oct 2018 14:01
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:11 PM

Quant Time: Oct 05 06:48:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	959969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	546859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	422682	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	366214	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.09	98	1419551	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	513873	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	418841	52.947	ug/l	98
3) Chloromethane	2.06	50	375522	52.090	ug/l	99
4) Vinyl Chloride	2.19	62	580419	51.111	ug/l	99
5) Bromomethane	2.56	94	441729	50.581	ug/l	98
6) Chloroethane	2.70	64	374518	49.070	ug/l	99
7) Trichlorofluoromethane	3.01	101	835820	71.271	ug/l	99
8) Diethyl Ether	3.41	74	167657	50.663	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	323574	51.265	ug/l	99
10) Methyl Iodide	3.95	142	400825	48.122	ug/l	99
11) Tert butyl alcohol	4.79	59	136205	240.159	ug/l	100
12) 1,1-Dichloroethene	3.73	96	293700	49.925	ug/l	98
13) Acrolein	3.61	56	95871	270.575	ug/l	96
14) Allyl chloride	4.32	41	448974	50.039	ug/l	98
15) Acrylonitrile	4.99	53	489086	249.904	ug/l	99
16) Acetone	3.82	43	375588	270.530	ug/l	100
17) Carbon Disulfide	4.05	76	870661	48.690	ug/l	99
18) Methyl Acetate	4.33	43	232764	50.534	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	944368	48.633	ug/l	99
20) Methylene Chloride	4.55	84	335158	48.815	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	339598	48.714	ug/l	96
22) Diisopropyl ether	5.95	45	948434	49.311	ug/l	99
23) Vinyl Acetate	5.90	43	3496735	247.257	ug/l	99
24) 1,1-Dichloroethane	5.85	63	605286	48.933	ug/l	99
25) 2-Butanone	6.84	43	601204	249.487	ug/l	99
26) 2,2-Dichloropropane	6.82	77	613976	49.530	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	383850	47.432	ug/l	98
28) Bromochloromethane	7.19	49	270297	49.358	ug/l	100
29) Tetrahydrofuran	7.21	42	372641	251.991	ug/l	98
30) Chloroform	7.37	83	679049	48.859	ug/l	99
31) Cyclohexane	7.65	56	551981	48.725	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	655373	48.650	ug/l	99
36) 1,1-Dichloropropene	7.79	75	498991	49.730	ug/l	99
37) Ethyl Acetate	6.93	43	269033	51.408	ug/l	99
38) Carbon Tetrachloride	7.77	117	596435	49.537	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	642743	51.030	ug/l	97
40) Benzene	8.04	78	1505237	50.604	ug/l	99
41) Methacrylonitrile	7.18	41	141765	52.592	ug/l	92
42) 1,2-Dichloroethane	8.12	62	506689	50.545	ug/l	99
43) Isopropyl Acetate	8.17	43	558369	51.175	ug/l #	88
44) Trichloroethene	8.83	130	420846	49.828	ug/l	96
45) 1,2-Dichloropropane	9.12	63	367128	49.920	ug/l	100
46) Dibromomethane	9.21	93	255790	50.039	ug/l	97
47) Bromodichloromethane	9.40	83	552541	49.102	ug/l	99
48) Methyl methacrylate	9.20	41	248010	49.744	ug/l	99
49) 1,4-Dioxane	9.20	88	73414	982.010	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1420949	257.006	ug/l	100
52) Toluene	10.16	92	1029674	52.046	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	596346	51.358	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	614751	49.857	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	355826	50.488	ug/l	99
56) Ethyl methacrylate	10.43	69	459394	51.544	ug/l	99
57) 1,3-Dichloropropane	10.71	76	568240	50.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	951200	257.874	ug/l	100
59) 2-Hexanone	10.75	43	984528	262.203	ug/l	98
60) Dibromochloromethane	10.90	129	474162	51.411	ug/l	99
61) 1,2-Dibromoethane	11.01	107	378606	50.816	ug/l	99
64) Tetrachloroethene	10.63	164	403251	49.318	ug/l	98
65) Chlorobenzene	11.43	112	1126818	49.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	460183	50.071	ug/l	99
67) Ethyl Benzene	11.51	91	2005316	50.545	ug/l	100
68) m/p-Xylenes	11.62	106	1626529	102.463	ug/l	99
69) o-Xylene	11.95	106	794329	51.024	ug/l	100
70) Styrene	11.96	104	1274943	51.395	ug/l	99
71) Bromoform	12.13	173	344542	50.400	ug/l #	99
73) Isopropylbenzene	12.25	105	2151957	46.163	ug/l	99
74) N-amyl acetate	12.07	43	487400	50.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	448757	49.621	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	392008m	58.379	ug/l	
77) Bromobenzene	12.53	156	519533	45.580	ug/l	100
78) n-propylbenzene	12.59	91	2408135	47.362	ug/l	99
79) 2-Chlorotoluene	12.67	91	1396744	46.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1854273	47.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	141472	47.554	ug/l	99
82) 4-Chlorotoluene	12.77	91	1451922	48.232	ug/l	100
83) tert-Butylbenzene	12.99	119	1653915	46.984	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1877885	47.723	ug/l	99
85) sec-Butylbenzene	13.17	105	2231034	47.914	ug/l	100
86) p-Isopropyltoluene	13.29	119	2023892	49.029	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	988969	49.793	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	950279	48.609	ug/l	99
89) n-Butylbenzene	13.62	91	1634381	50.076	ug/l	99
90) Hexachloroethane	13.88	117	391453	47.530	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	940750	47.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78597	47.996	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	435146	49.528	ug/l	99
94) Hexachlorobutadiene	15.01	225	281109	47.157	ug/l	99
95) Naphthalene	15.13	128	897082	47.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	413617	47.801	ug/l	100

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

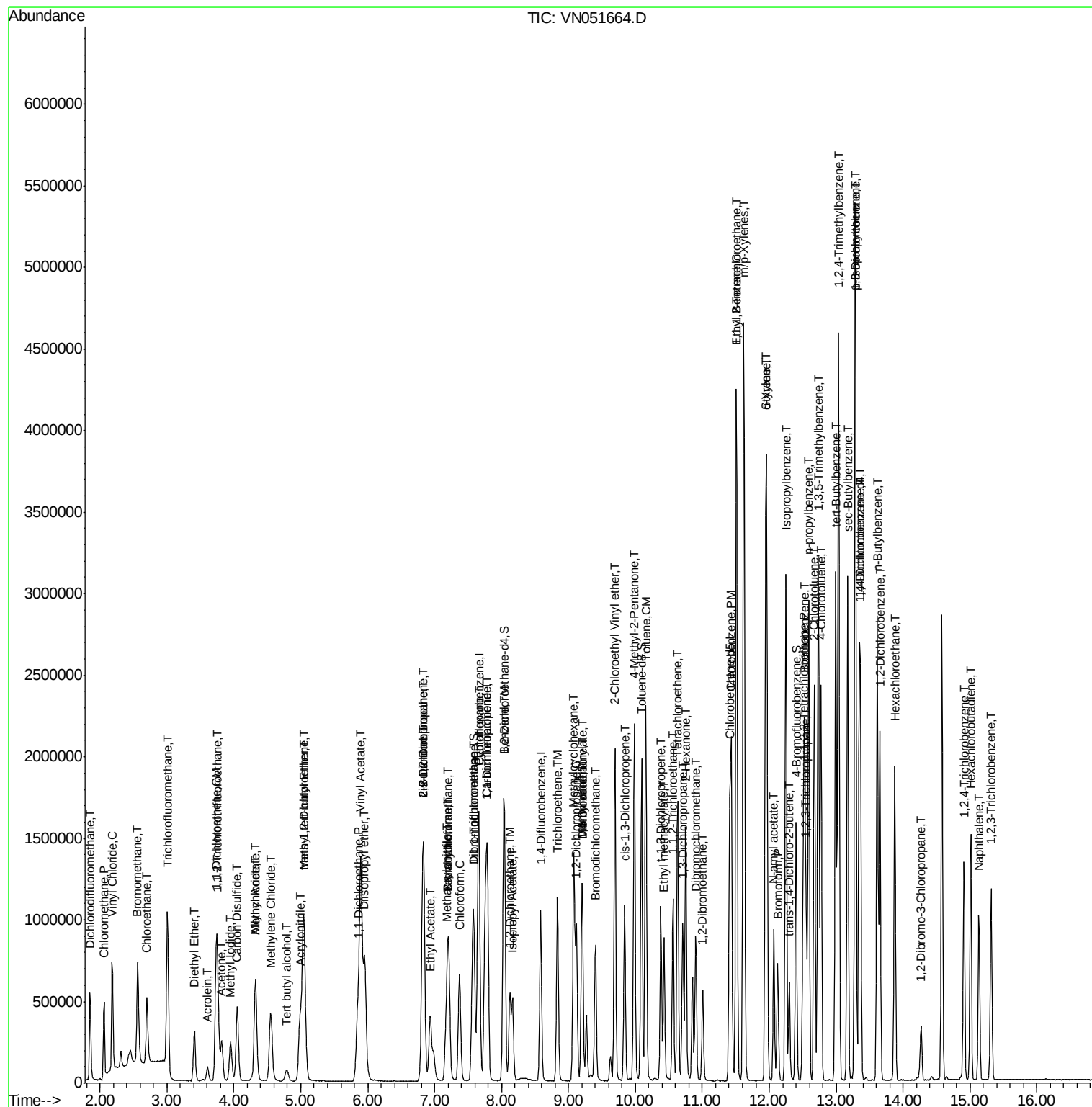
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Operator : MD\SY
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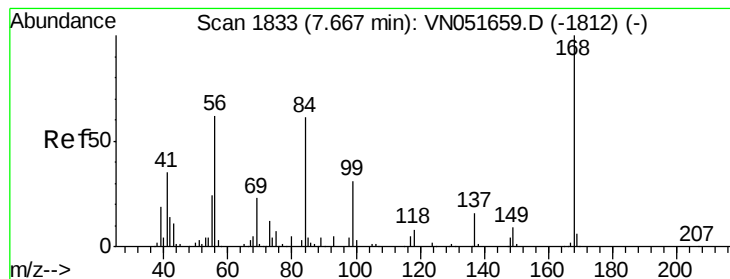
Instrument :
MSVOA_N
ClientSampleId :
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10/8/2018 1:53:11 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion:168 Resp: 631704

Ion Ratio Lower Upper

168 100

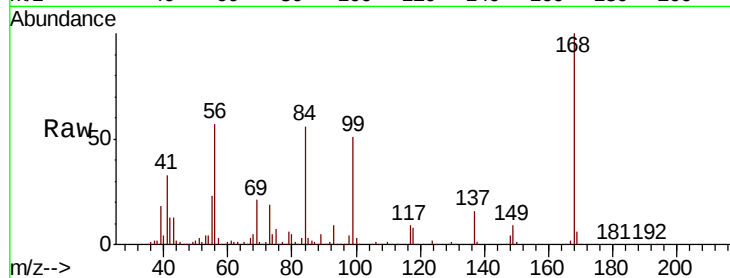
99 51.1 40.4 60.6

Manual Integrations

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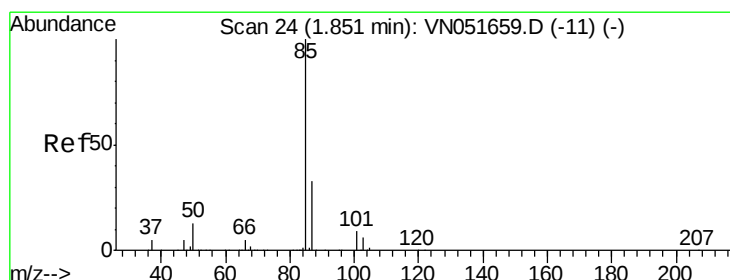
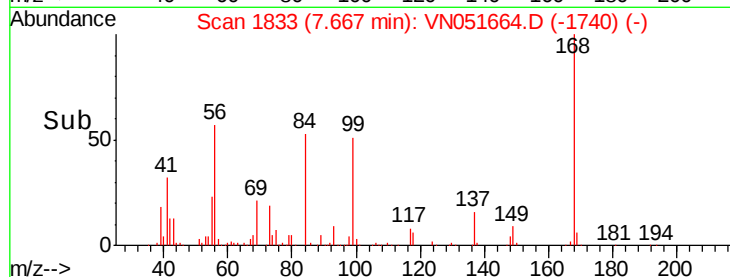
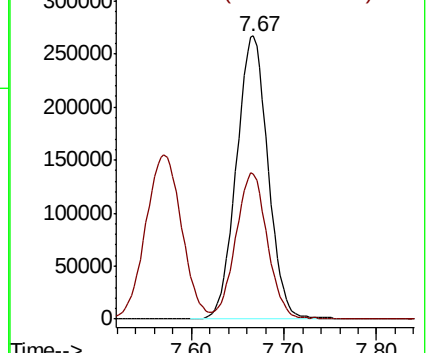
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 52.947 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051664.D

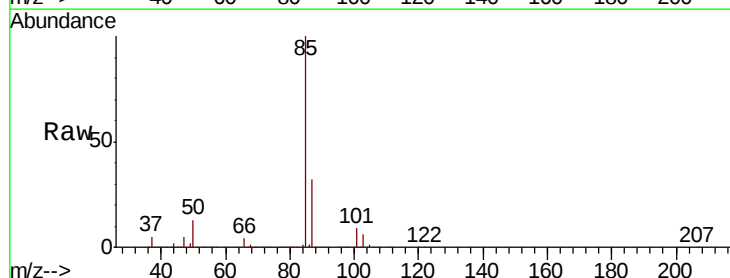
Acq: 4 Oct 2018 14:01

Tgt Ion: 85 Resp: 418841

Ion Ratio Lower Upper

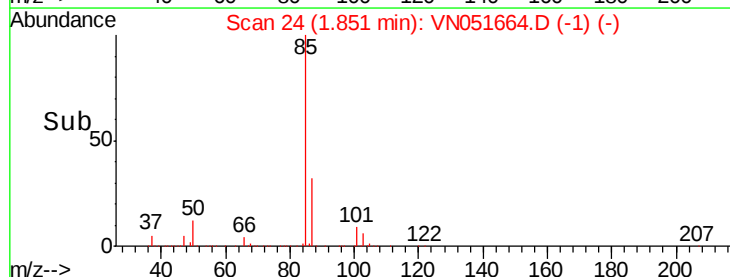
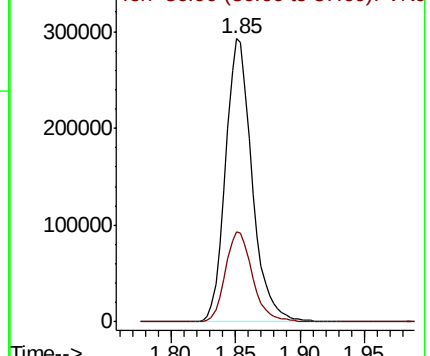
85 100

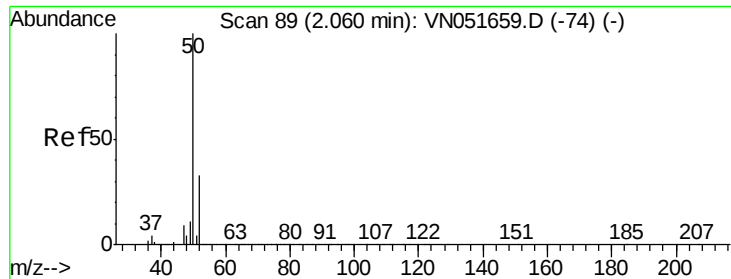
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.090 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 50 Resp: 375522

Ion Ratio Lower Upper

50 100

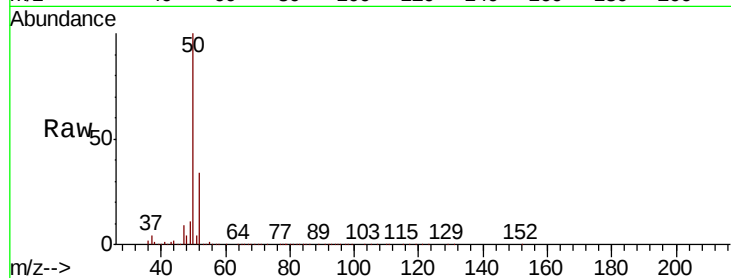
52 33.7 26.6 39.8

Manual Integrations

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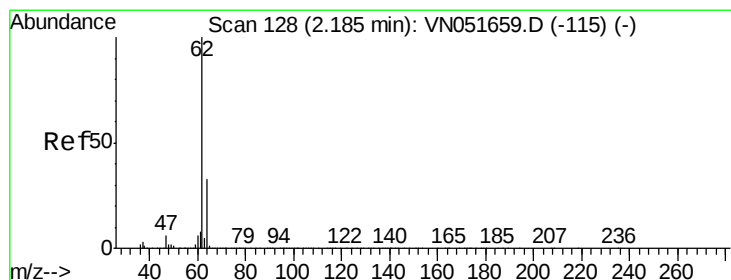
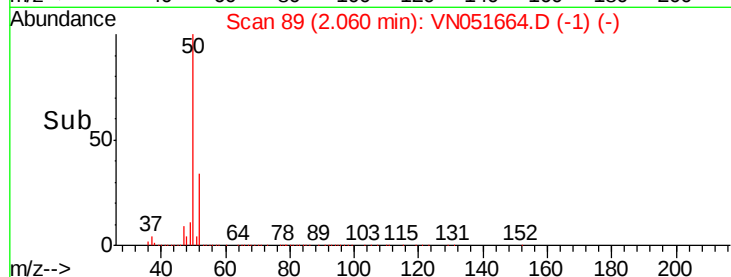
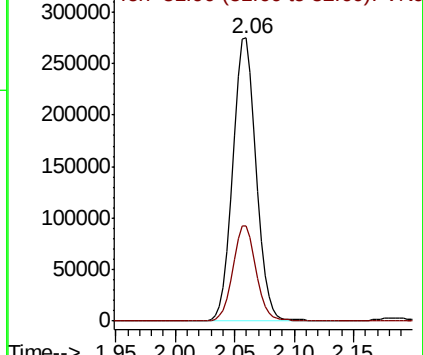
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 51.111 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051664.D

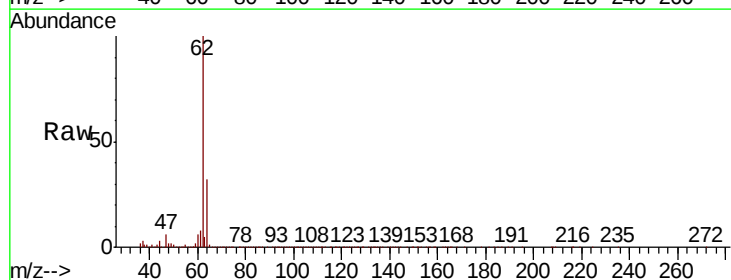
Acq: 4 Oct 2018 14:01

Tgt Ion: 62 Resp: 580419

Ion Ratio Lower Upper

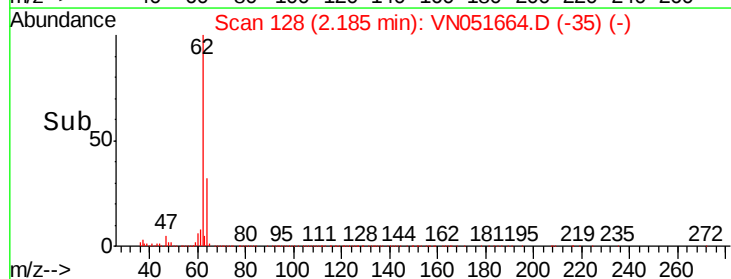
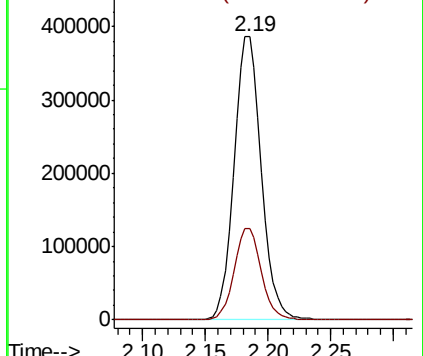
62 100

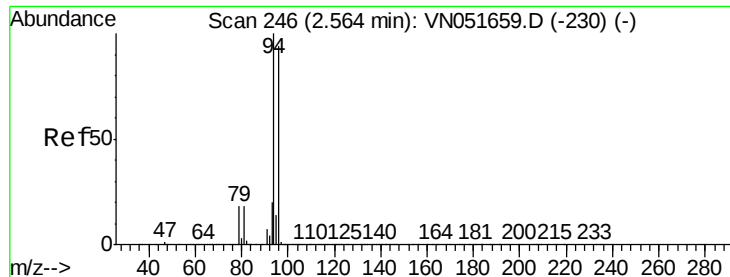
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 50.581 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

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Acq: 4 Oct 2018 14:01

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Tot Ion: 94 Resp: 441729

Ion Ratio Lower Upper

94 100

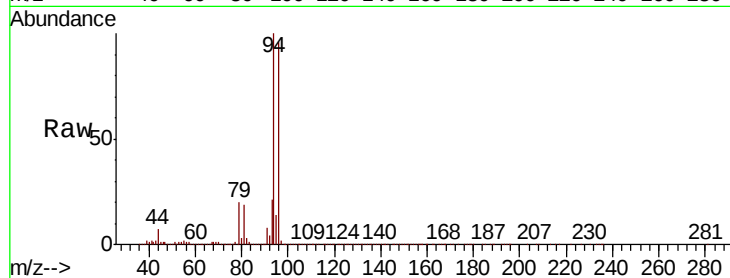
96 95.8 75.2 112.8

Manual Integrations

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10/8/2018 1:53:11 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250000

200000

150000

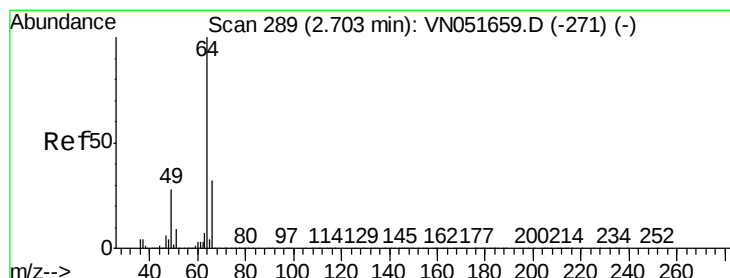
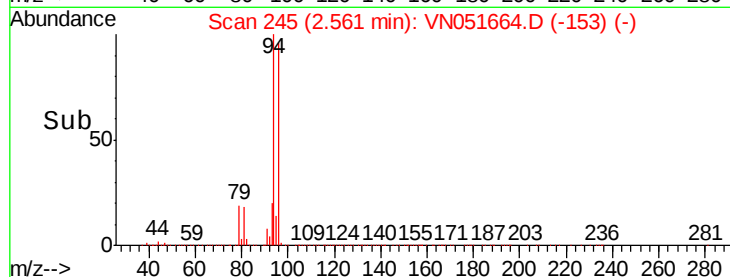
100000

50000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 49.070 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051664.D

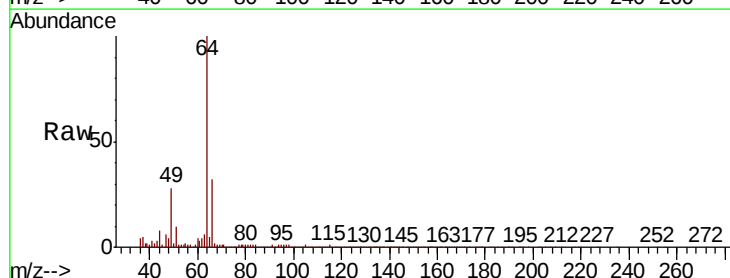
Acq: 4 Oct 2018 14:01

Tgt Ion: 64 Resp: 374518

Ion Ratio Lower Upper

64 100

66 31.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

200000

150000

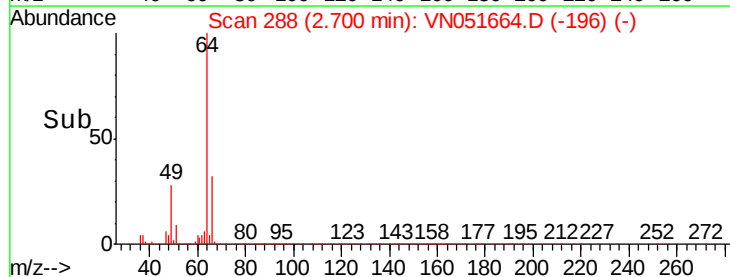
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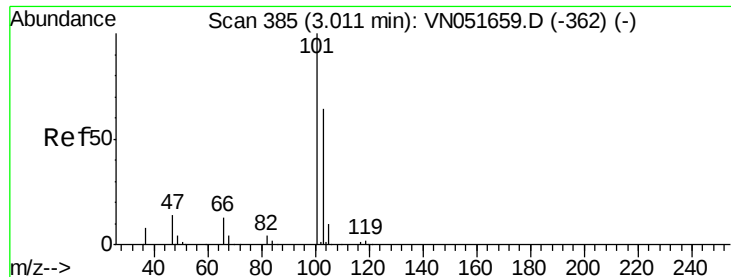
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0

2.60 2.65 2.70 2.75 2.80

Time-->





#7

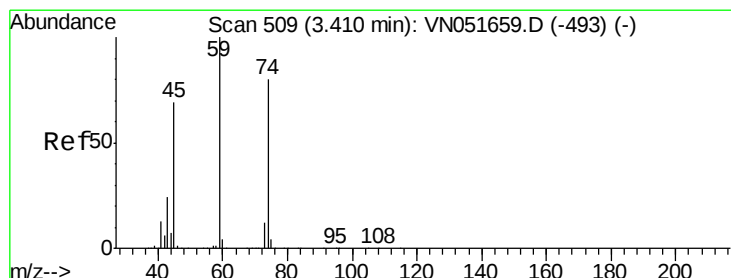
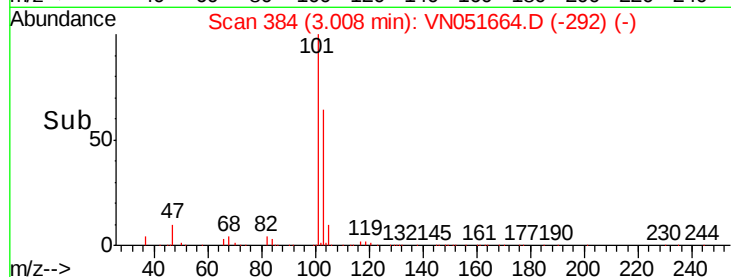
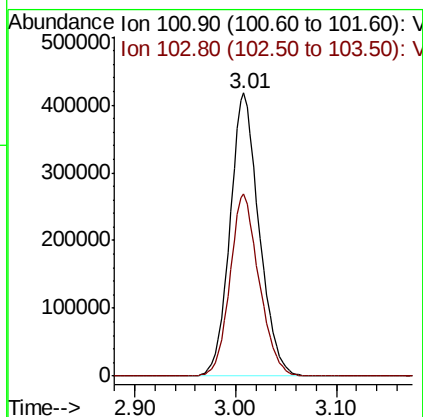
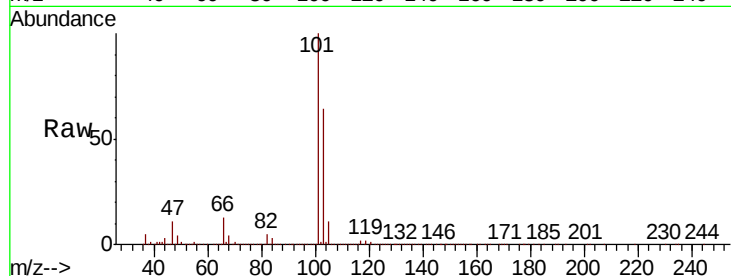
Trichlorofluoromethane
Concen: 71.271 ug/l
RT: 3.01 min Scan# 384
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
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ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.1	76.7

Manual Integrations
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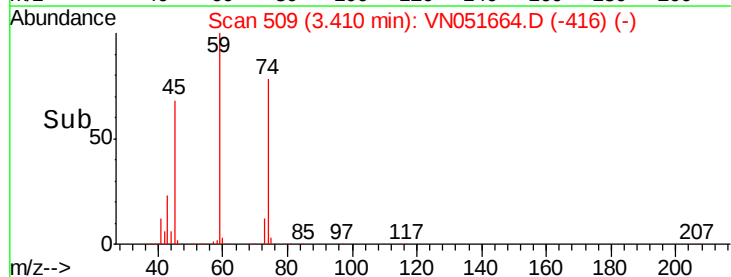
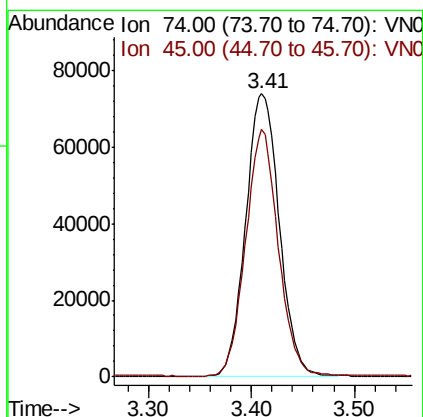
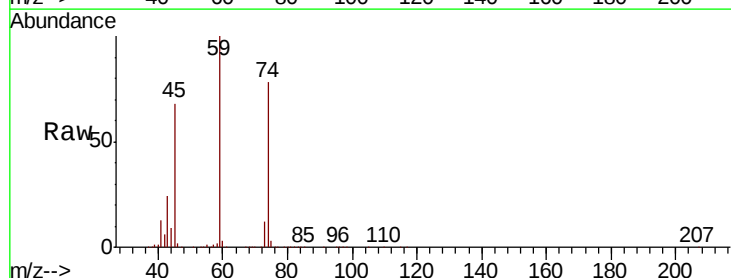
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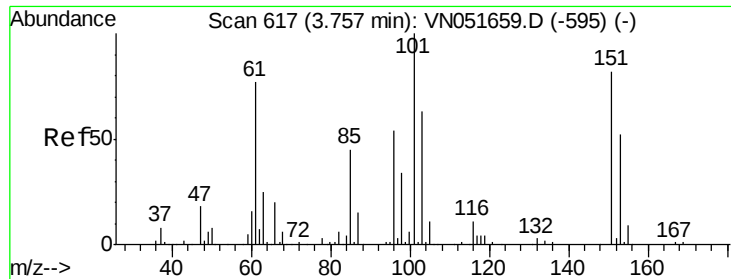


#8

Diethyl Ether
Concen: 50.663 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.2	44.3	132.9





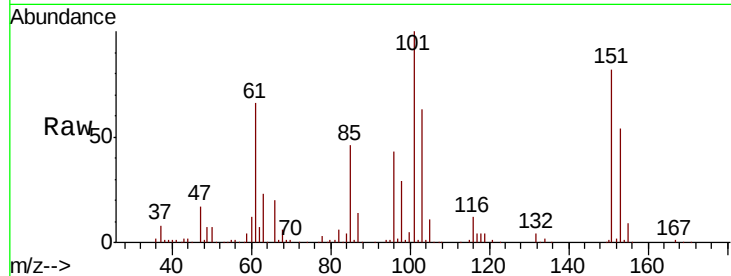
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.265 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Tot Ion	Ratio	Resp	Lower	Upper
101	100	323574		
85	44.4	35.6	53.4	
151	81.1	65.5	98.3	

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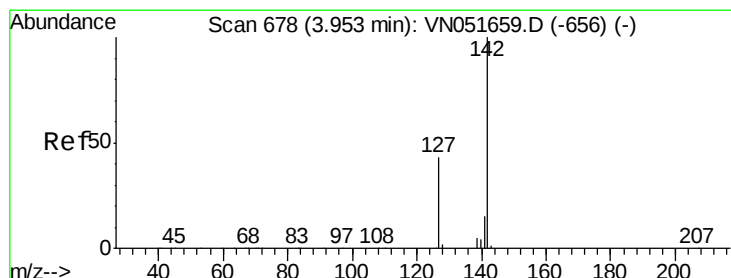
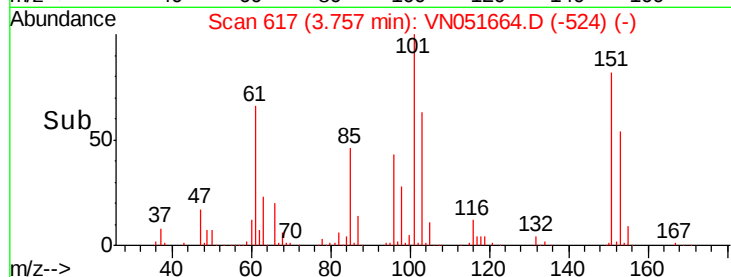
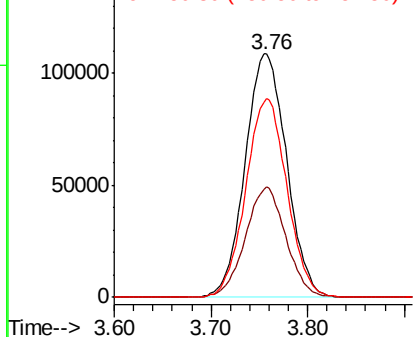


Abundance

Ion 100.90 (100.60 to 101.60): V

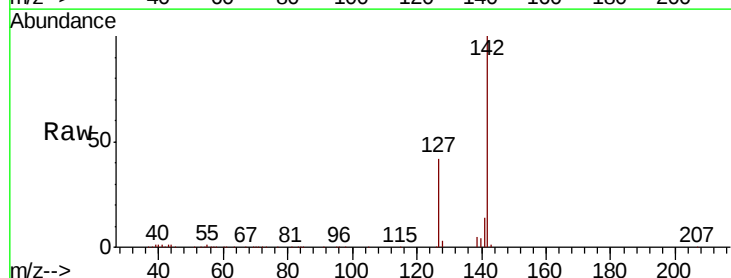
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 48.122 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	400825		
127	43.0	34.7	52.1	
141	14.0	11.4	17.2	

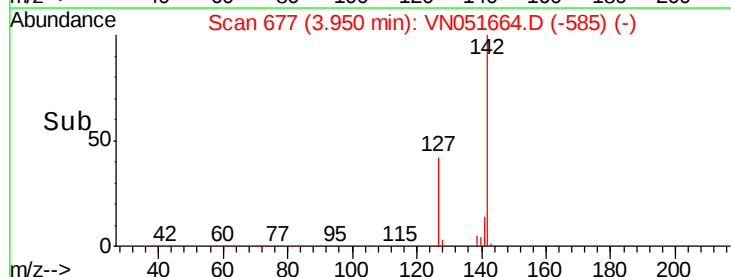
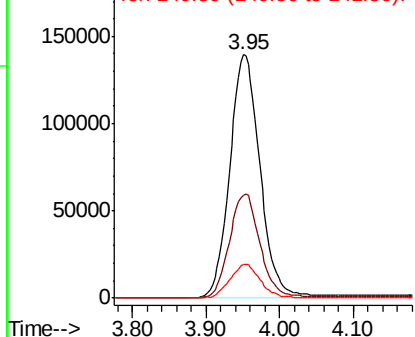


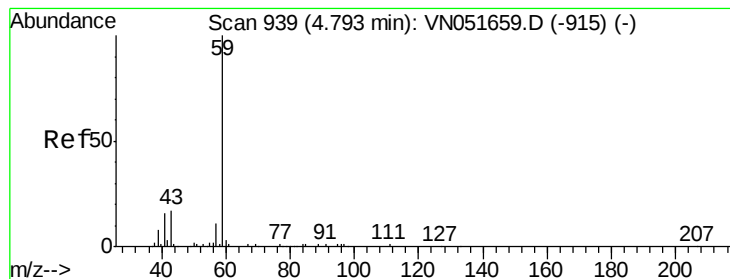
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

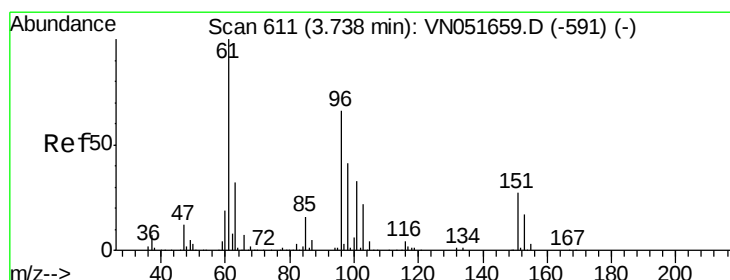
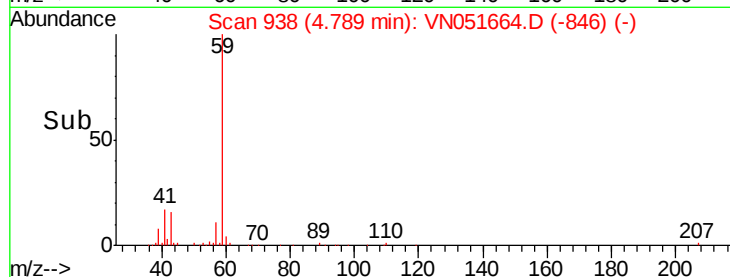
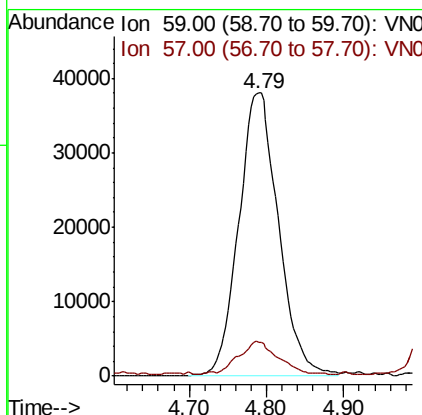
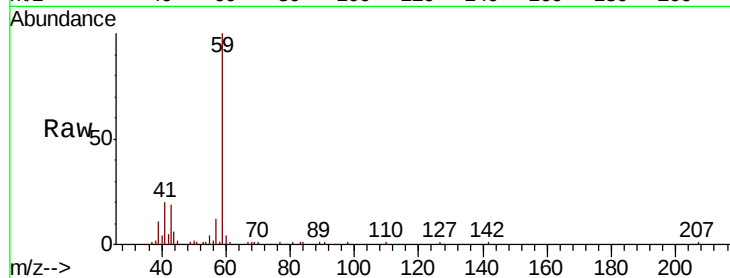
Tert butyl alcohol
Concen: 240.159 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

Manual Integrations
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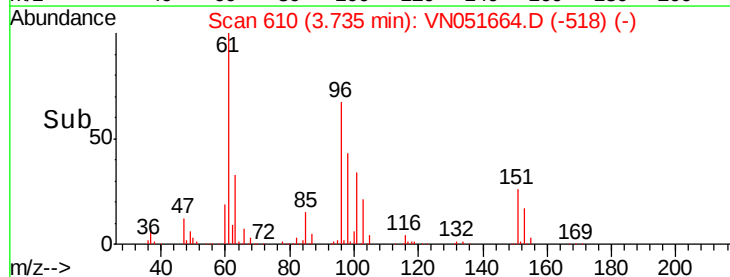
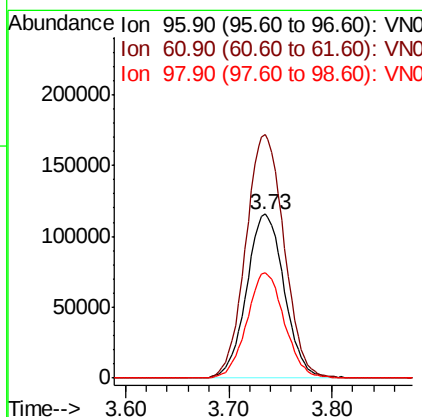
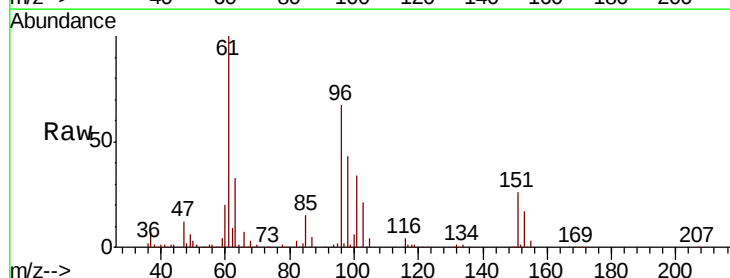
MMDadoda
10/8/2018 1:53:11 PM

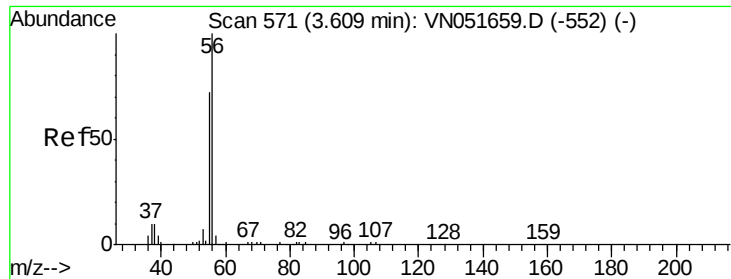


#12

1,1-Dichloroethene
Concen: 49.925 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	121.4	182.0
98	63.6	49.9	74.9





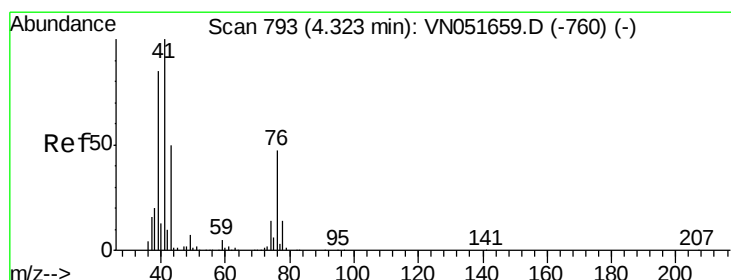
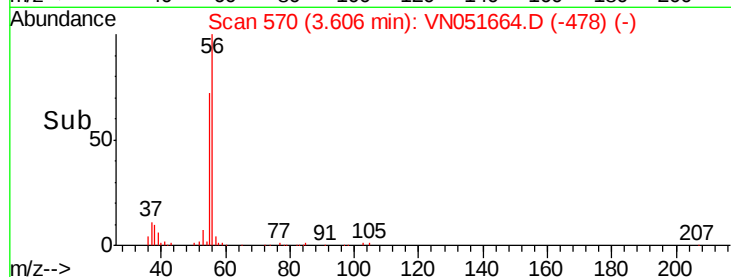
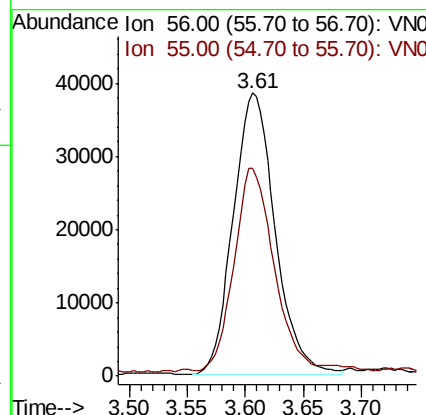
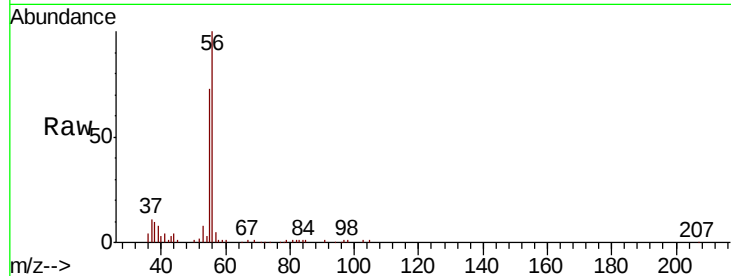
#13
Acrolein
Concen: 270.575 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	56	Resp	95871
Ion Ratio	100	Lower	Upper
56	100		
55	68.7	57.5	86.3

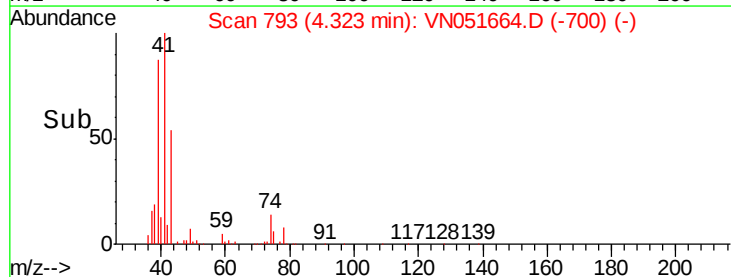
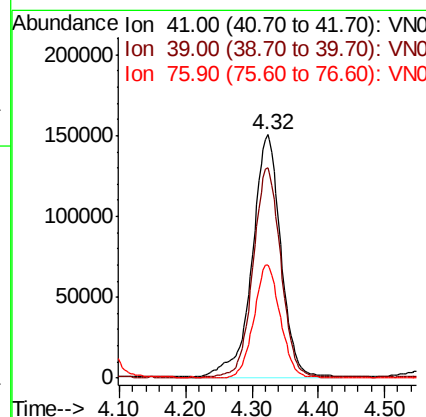
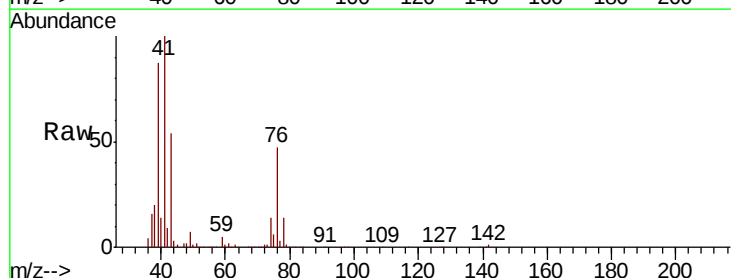
Manual Integrations
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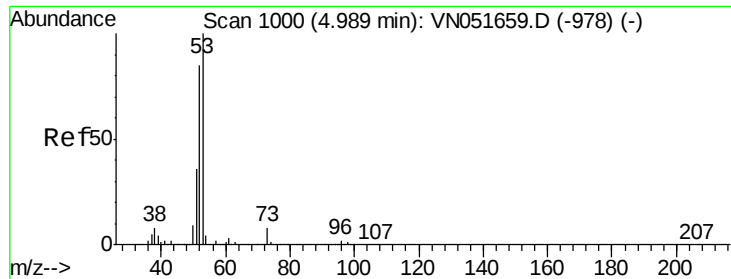
MMDadoda
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#14
Allyl chloride
Concen: 50.039 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	41	Resp	448974
Ion Ratio	100	Lower	Upper
41	100		
39	84.0	65.4	98.0
76	42.3	34.3	51.5





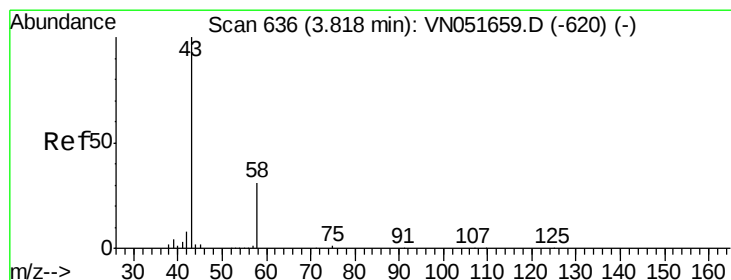
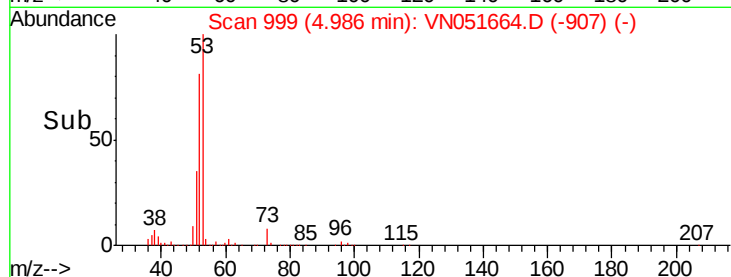
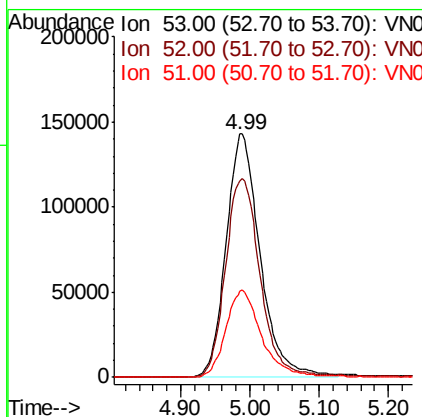
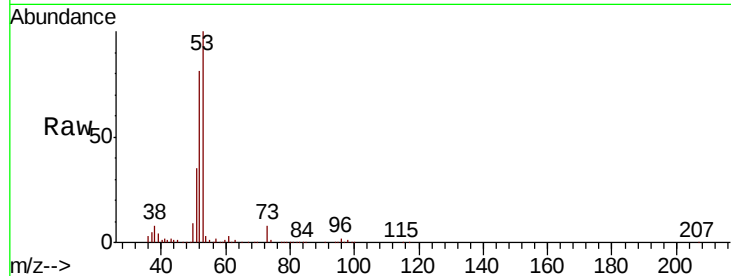
#15
Acrylonitrile
Concen: 249.904 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	37.9	30.3	45.5

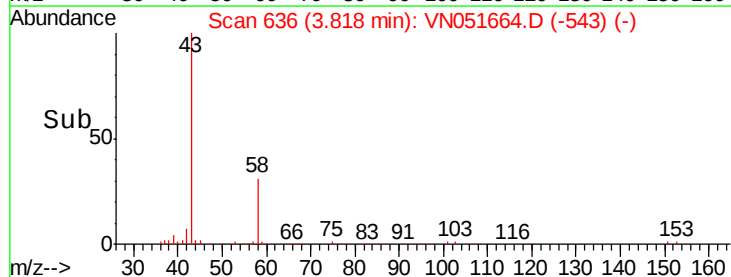
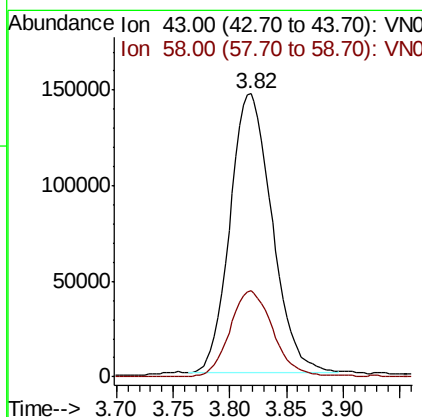
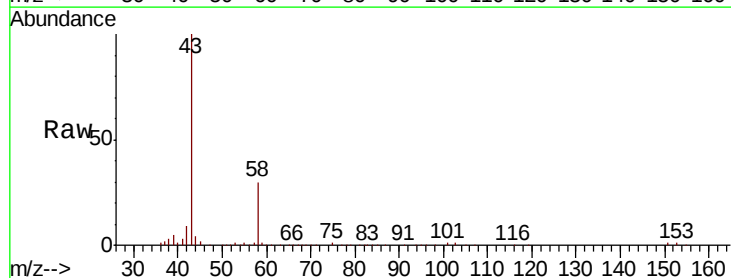
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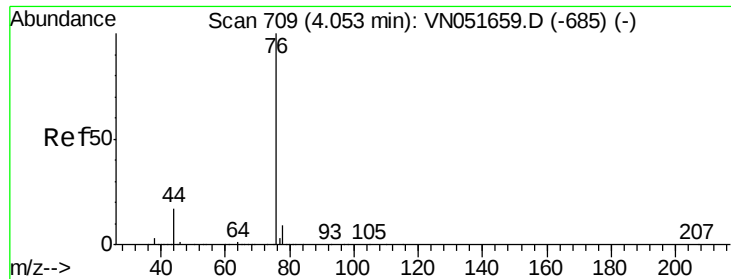
MMDadoda
10/8/2018 1:53:11 PM



#16
Acetone
Concen: 270.530 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.3	36.5





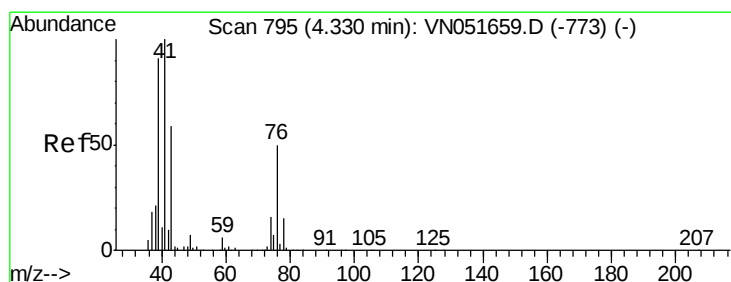
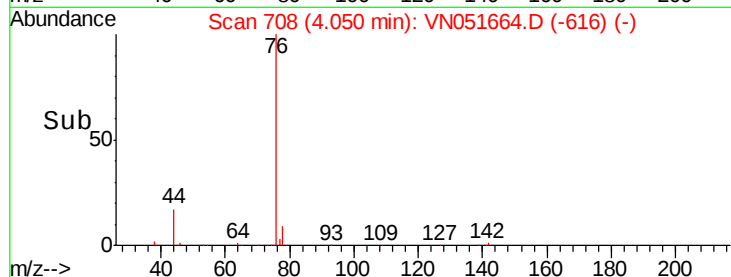
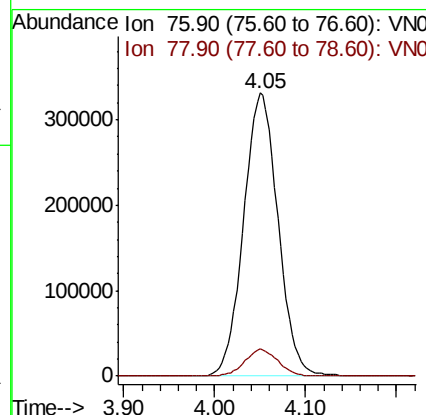
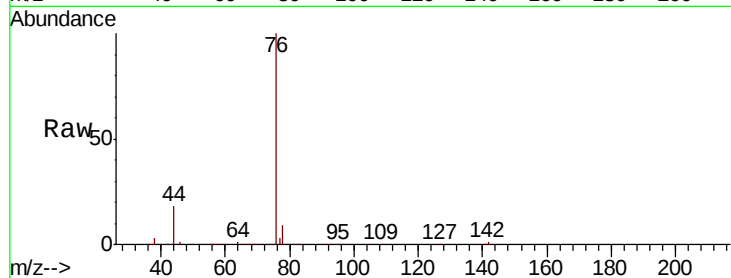
#17
Carbon Disulfide
Concen: 48.690 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

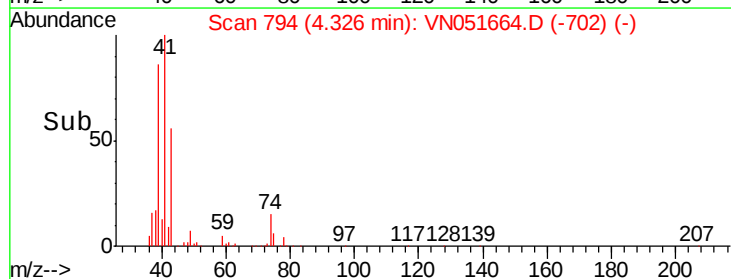
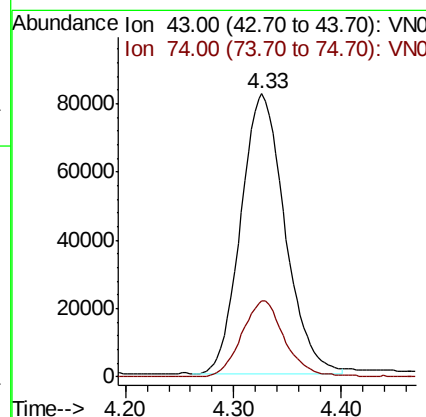
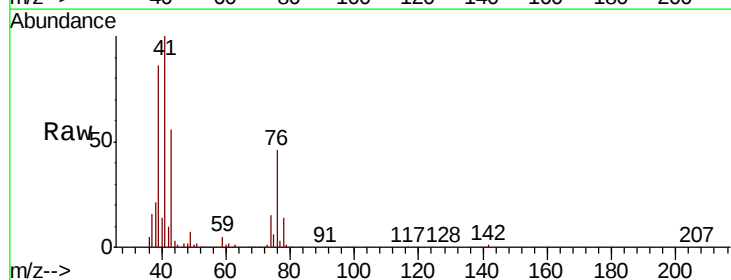
Manual Integrations
APPROVED

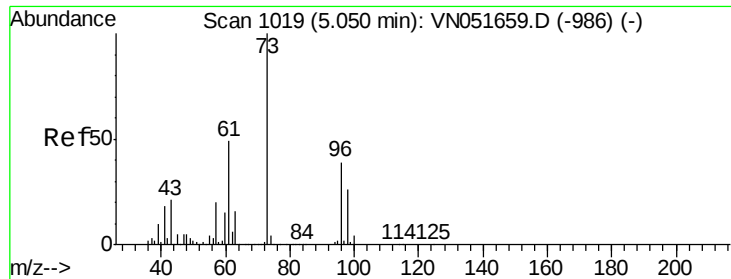
MMDadoda
10/8/2018 1:53:11 PM



#18
Methyl Acetate
Concen: 50.534 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.5	32.3





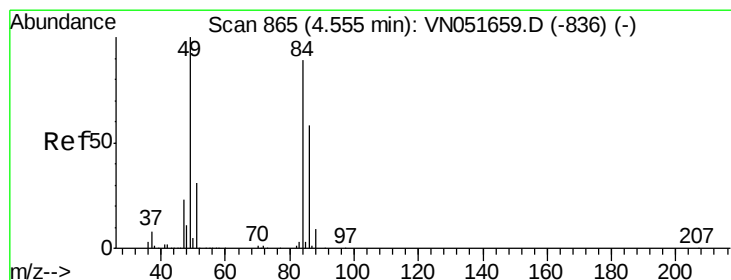
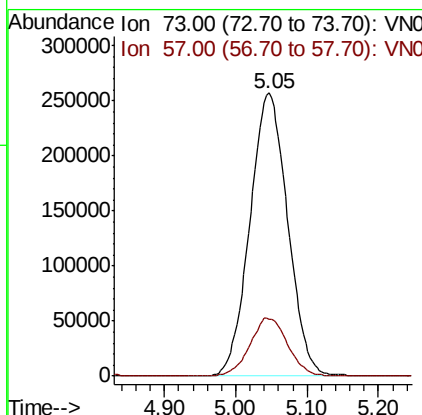
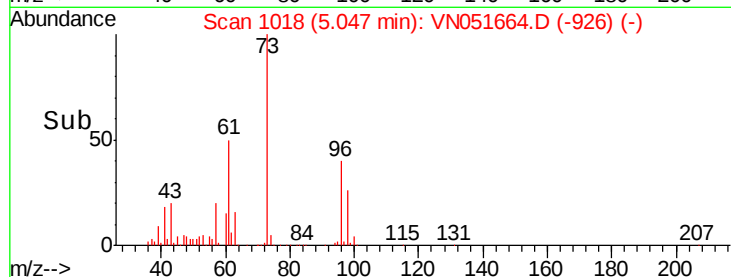
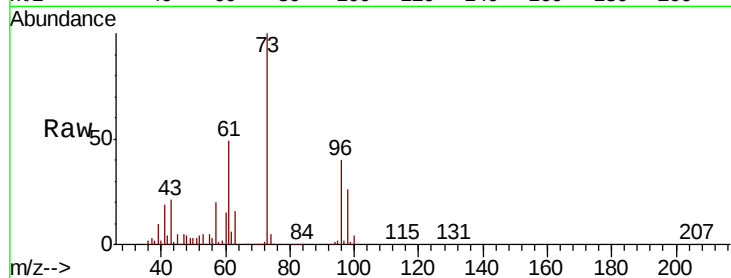
#19
Methyl tert-butyl Ether
Concen: 48.633 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion: 73 Resp: 944368
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4

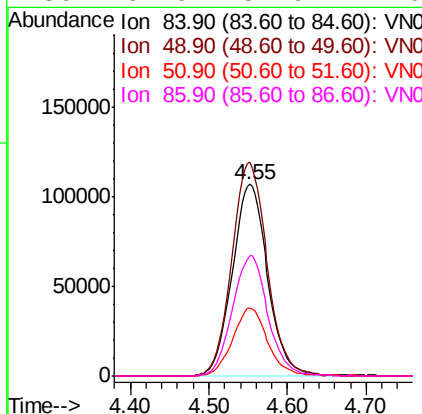
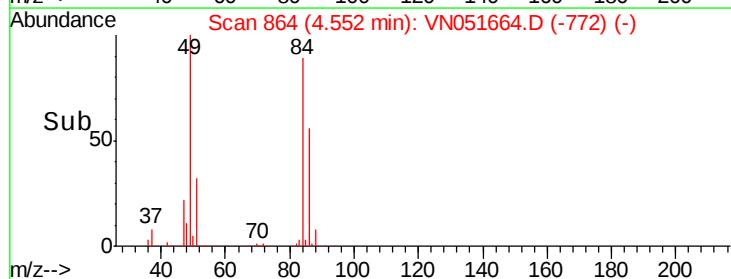
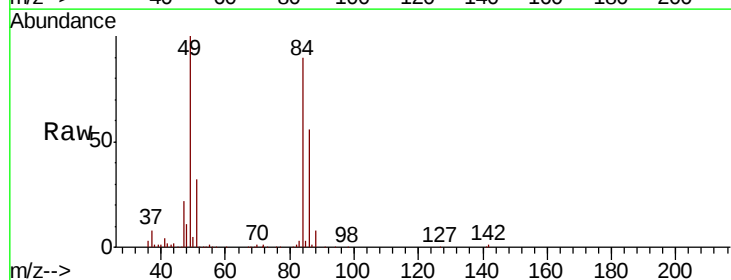
Manual Integrations
APPROVED

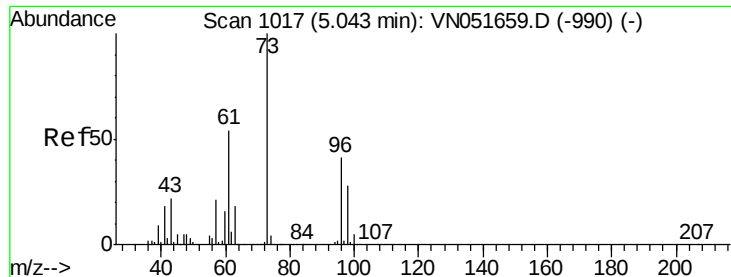
MMDadoda
10/8/2018 1:53:11 PM



#20
Methylene Chloride
Concen: 48.815 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion: 84 Resp: 335158
Ion Ratio Lower Upper
84 100
49 111.7 89.5 134.3
51 35.5 27.4 41.0
86 62.9 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.714 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

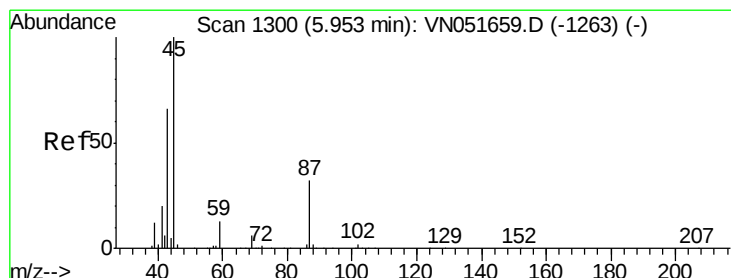
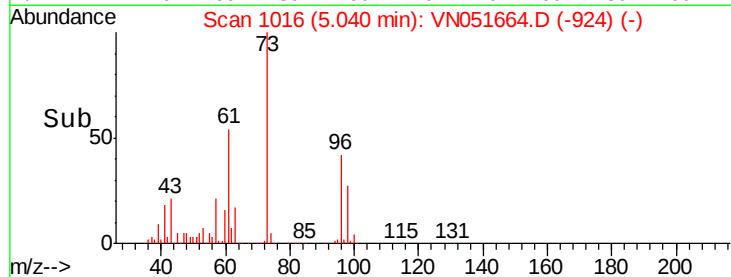
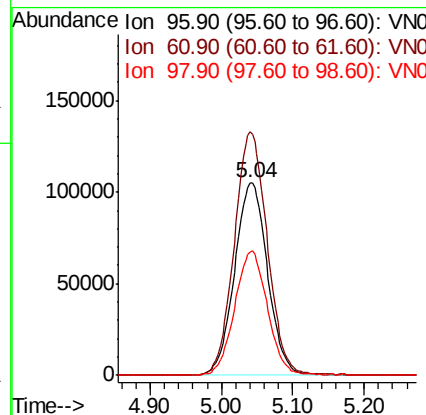
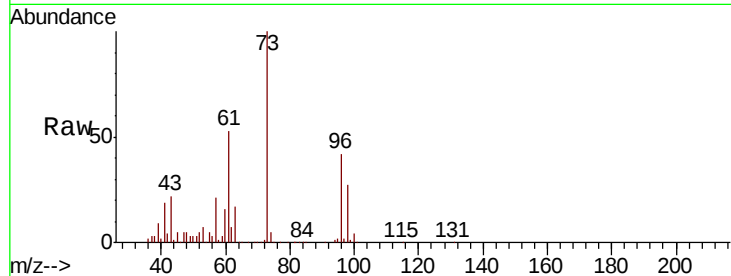
ClientSampleId :

ICVVN100418

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	104.7	157.1
98	64.0	54.6	82.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.311 ug/l

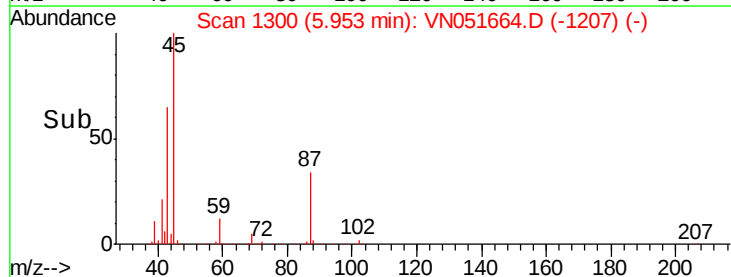
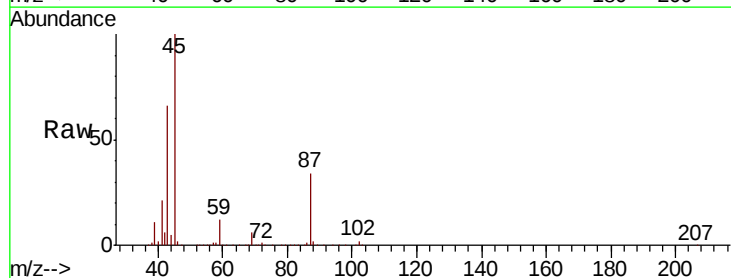
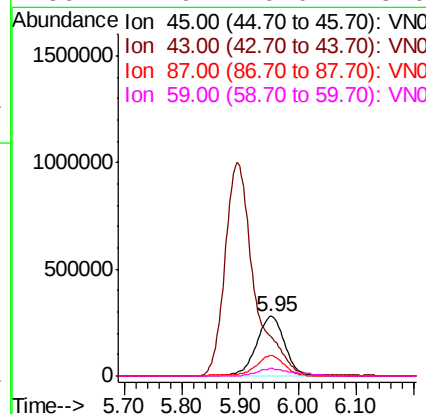
RT: 5.95 min Scan# 1300

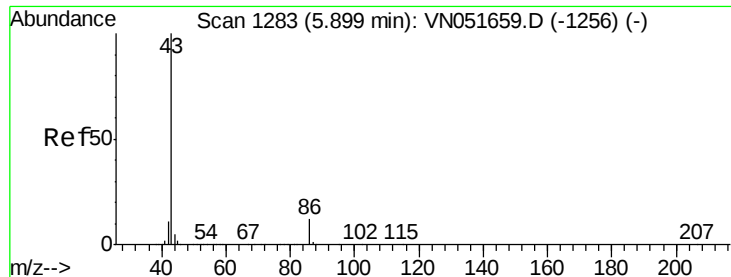
Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.5	53.0	79.4
87	34.3	26.4	39.6
59	11.9	10.0	15.0





#23

Vinyl Acetate

Concen: 247.257 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 43 Resp: 3496735

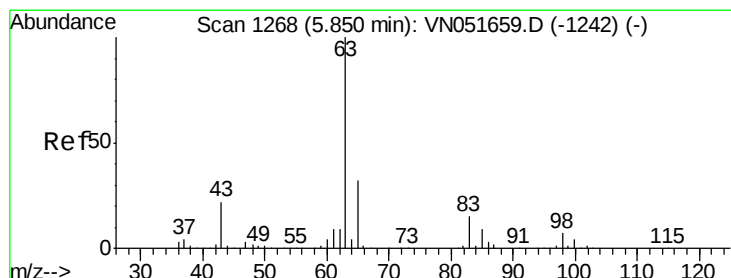
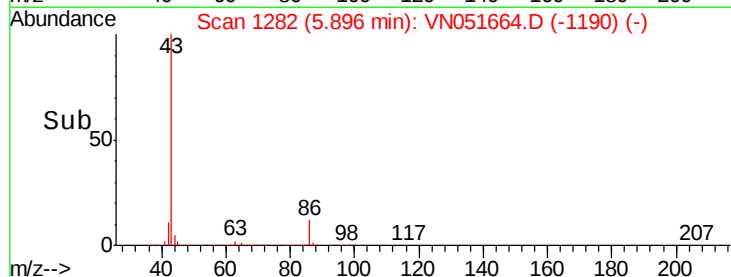
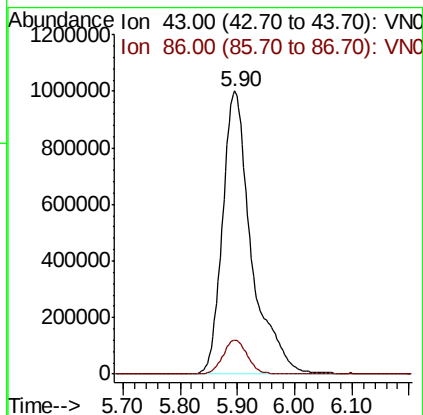
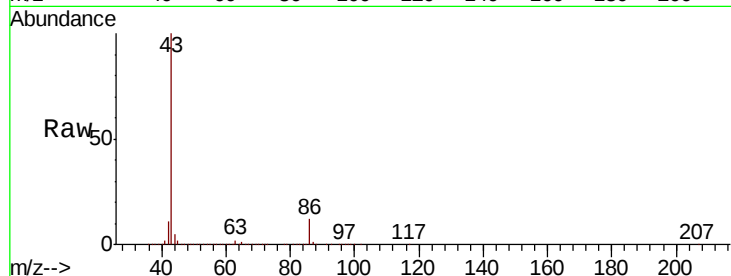
Ion Ratio Lower Upper

43 100

86 12.0 9.3 13.9

Manual Integrations
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10/8/2018 1:53:11 PM



#24

1,1-Dichloroethane

Concen: 48.933 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

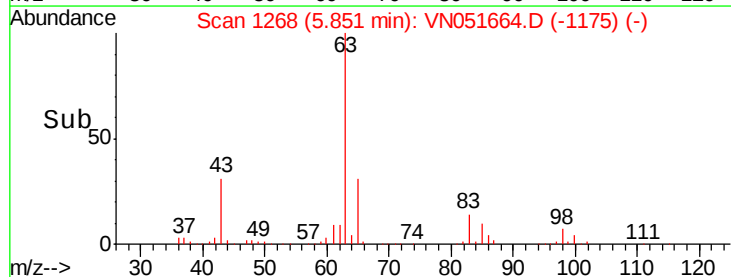
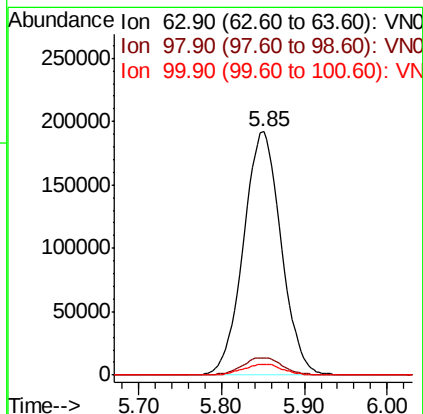
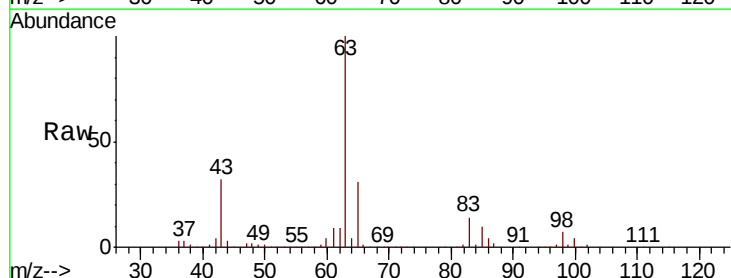
Tgt Ion: 63 Resp: 605286

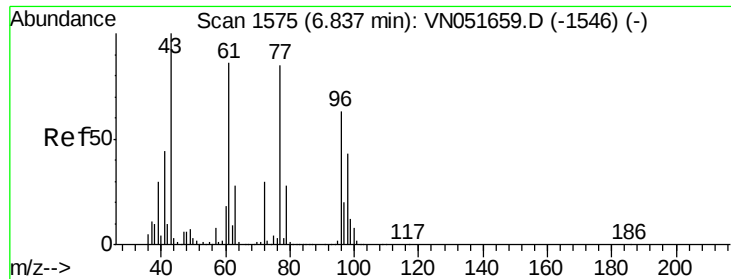
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.3 2.2 6.6





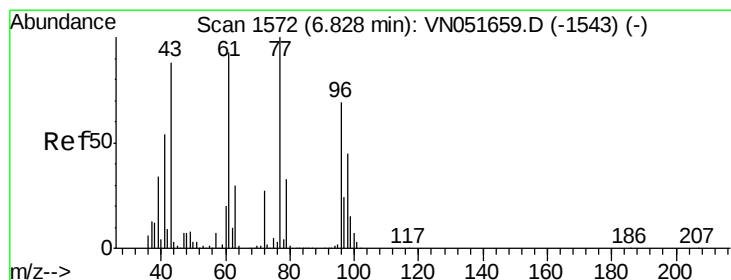
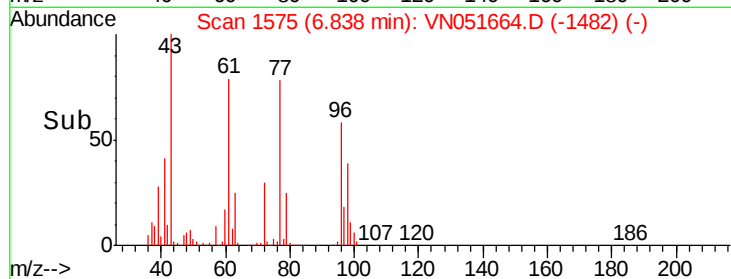
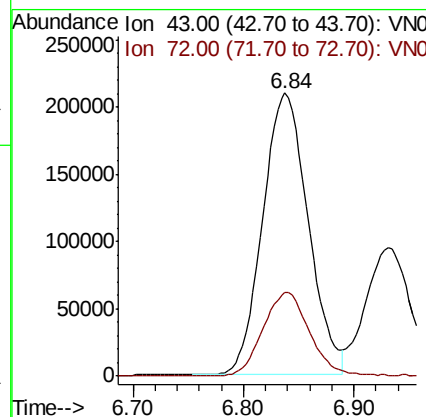
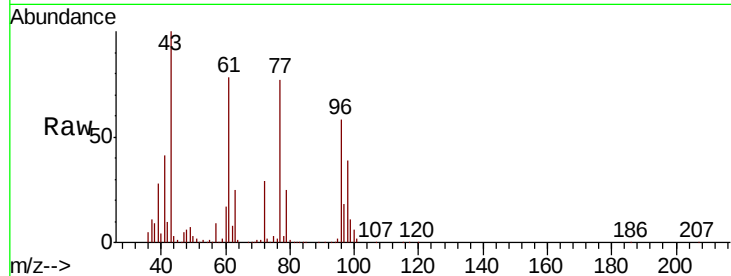
#25
2-Butanone
Concen: 249.487 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.6	24.2	36.2

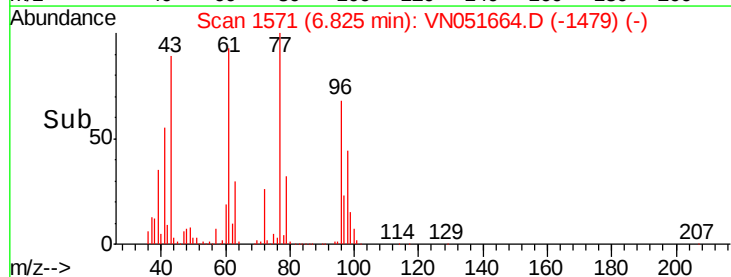
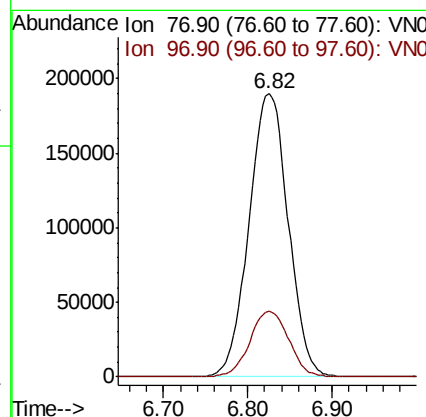
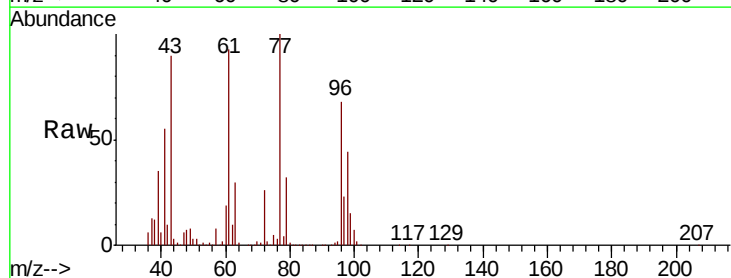
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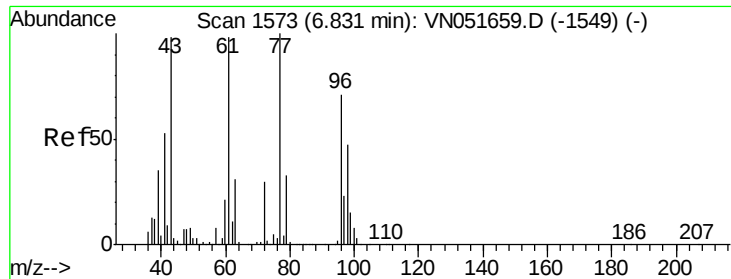
MMDadoda
10/8/2018 1:53:11 PM



#26
2,2-Dichloropropane
Concen: 49.530 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 47.432 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

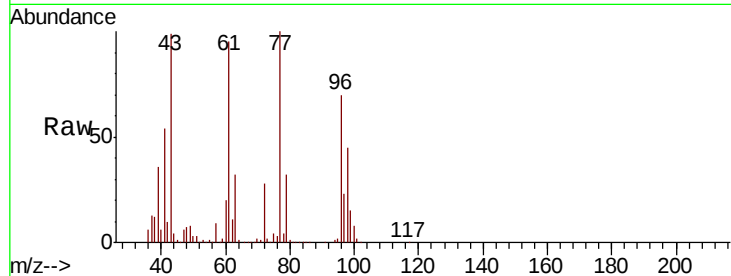
ClientSampleId :

ICVVN100418

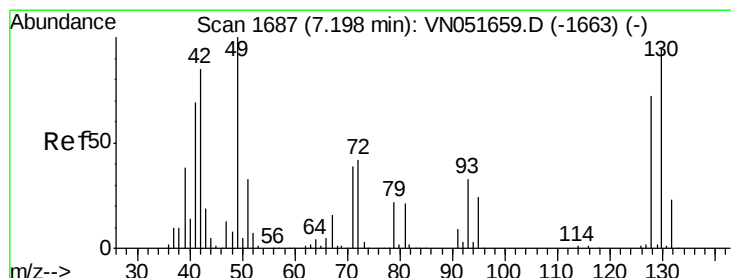
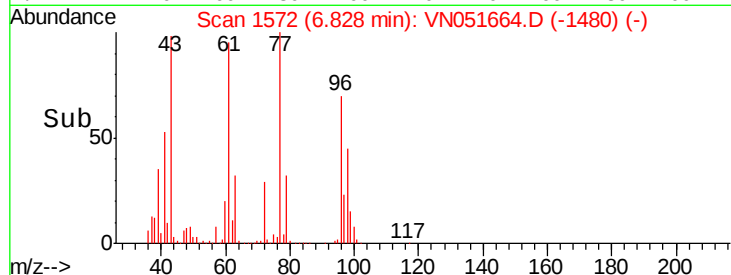
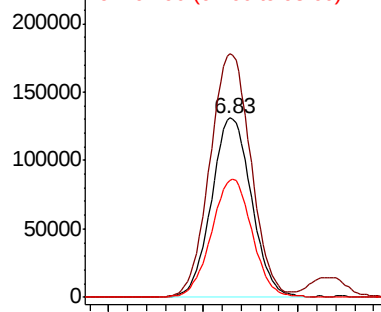
Tot Ion:	96	Resp:	383850
Ion Ratio	Lower	Upper	
96	100		
61	139.9	0.0	275.4
98	66.6	0.0	129.6

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Abundance Ion 95.90 (95.60 to 96.60): VN051659.D (-1549) (-)



#28

Bromochloromethane

Concen: 49.358 ug/l

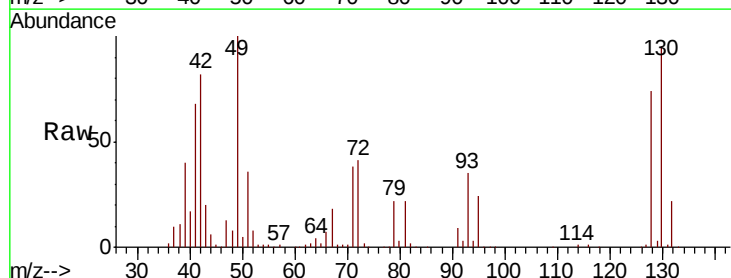
RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

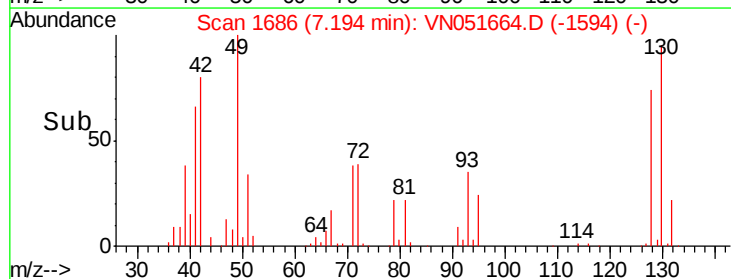
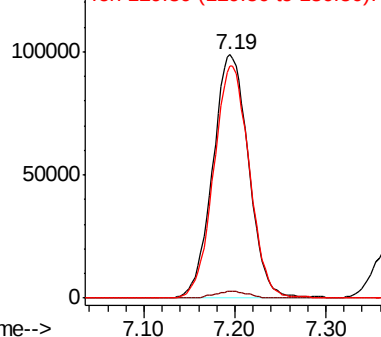
Lab File: VN051664.D

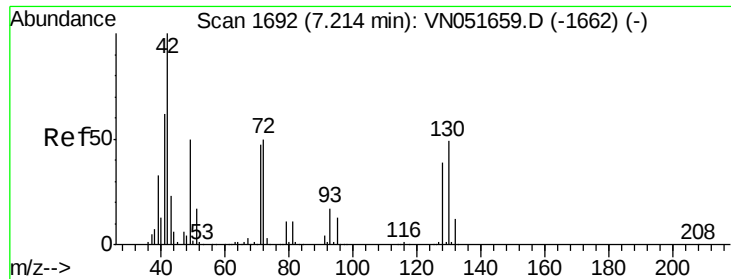
Acq: 4 Oct 2018 14:01

Tgt Ion:	49	Resp:	270297
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	4.8
130	94.4	75.7	113.5



Abundance Ion 48.90 (48.60 to 49.60): VN051659.D (-1663) (-)





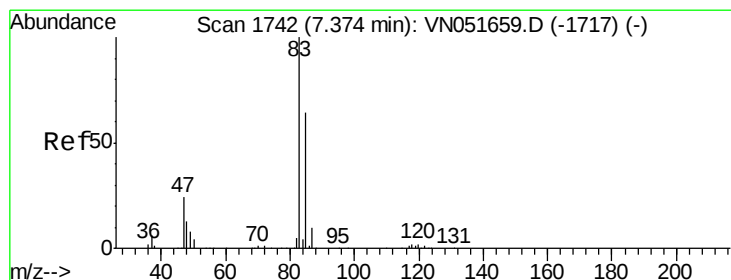
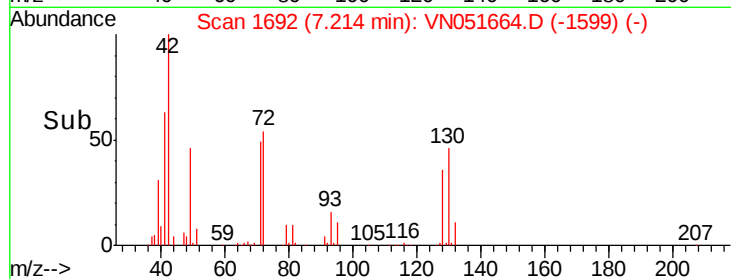
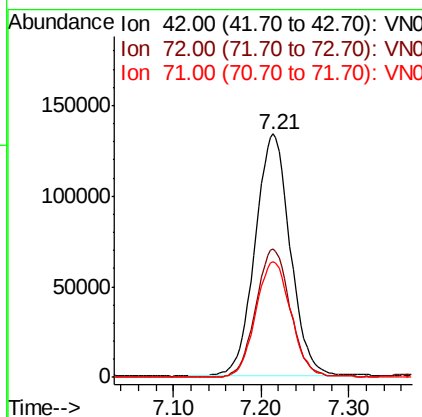
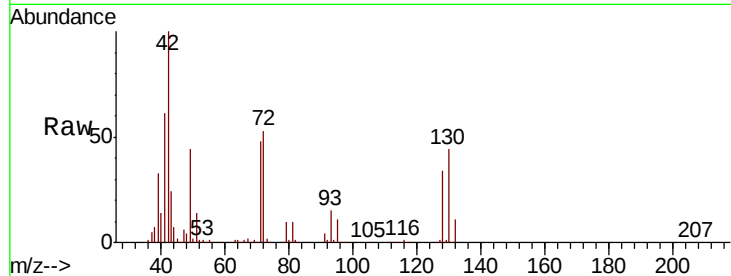
#29
Tetrahydrofuran
Concen: 251.991 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	40.1	60.1
71	48.3	38.0	57.0

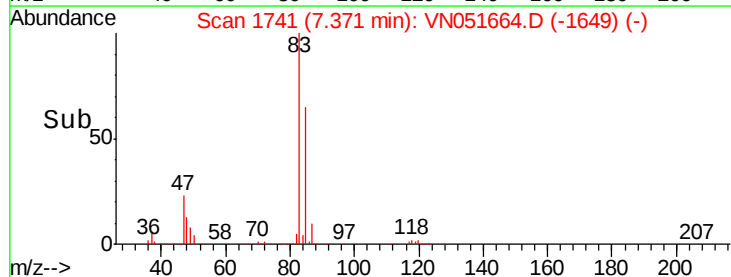
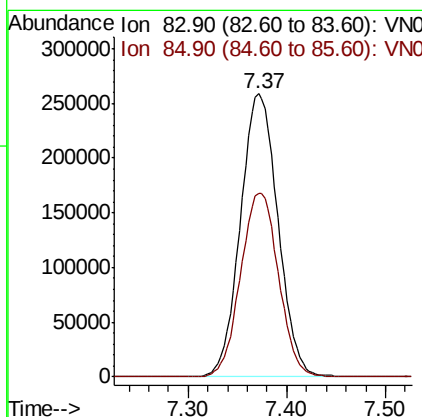
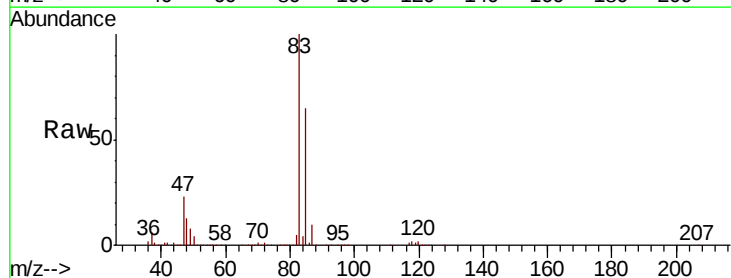
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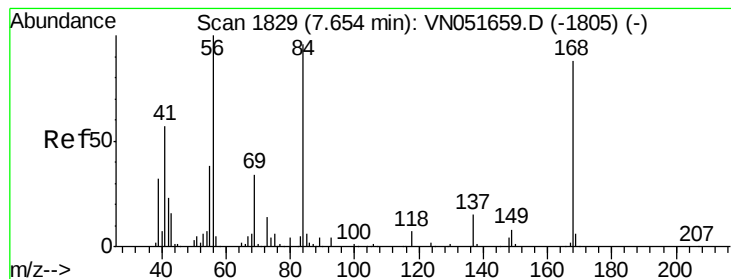
MMDadoda
10/8/2018 1:53:11 PM



#30
Chloroform
Concen: 48.859 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





#31

Cyclohexane

Concen: 48.725 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 56 Resp: 551981

Ion Ratio Lower Upper

56 100

69 35.7 27.5 41.3

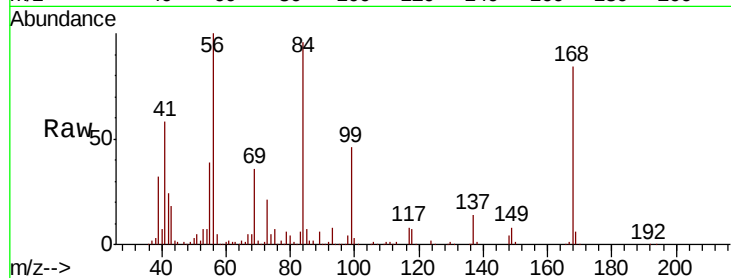
84 94.0 76.7 115.1

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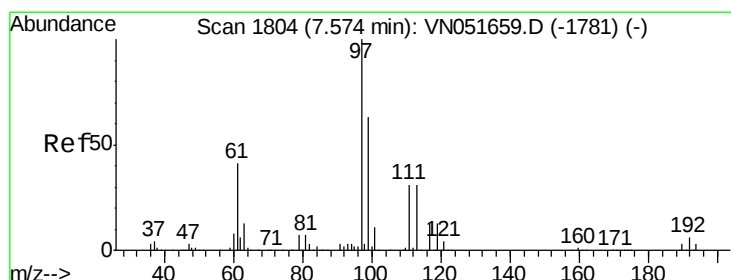
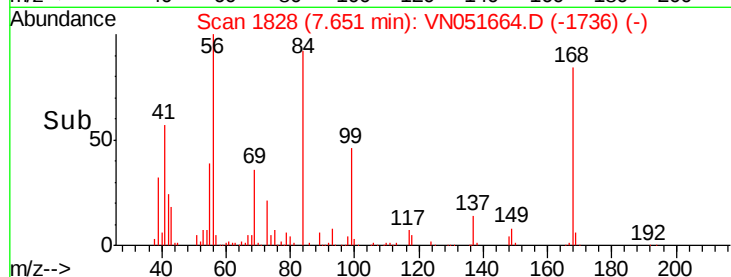
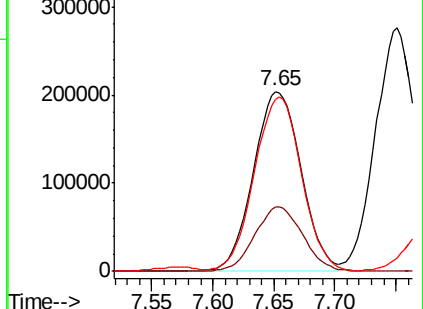
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Abundance Ion 56.00 (55.70 to 56.70): VN051664.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051664.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051664.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 48.650 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

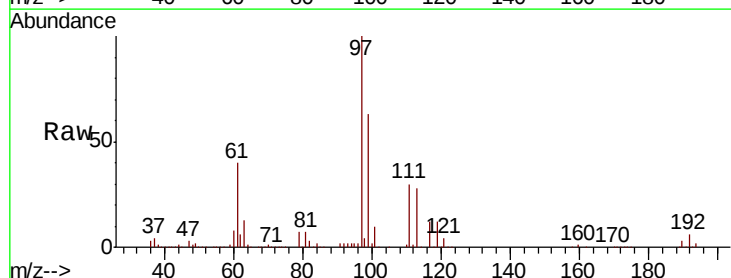
Tgt Ion: 97 Resp: 655373

Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

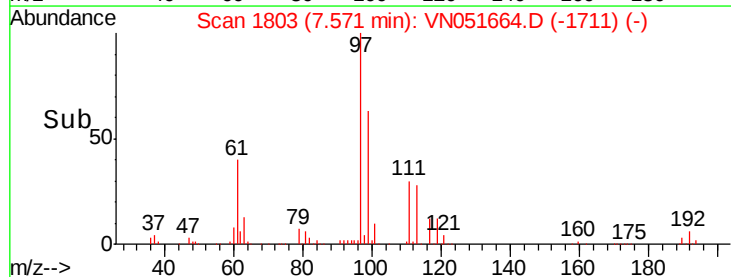
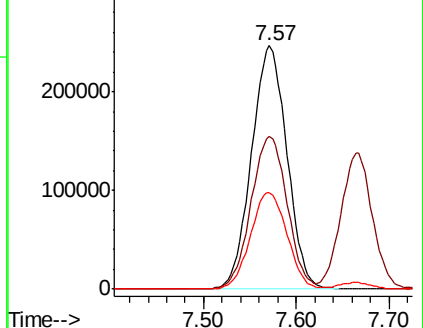
61 41.0 33.4 50.0

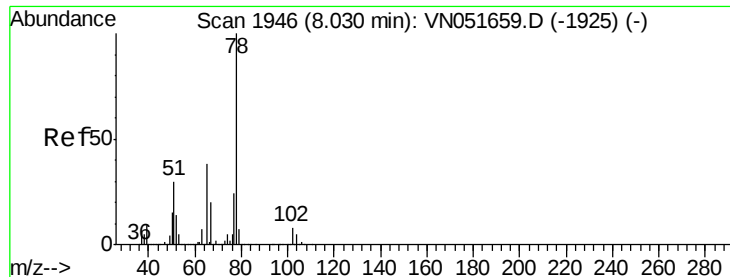


Abundance Ion 96.90 (96.60 to 97.60): VN051664.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN051664.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN051664.D (-1711) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 65 Resp: 422682

Ion Ratio Lower Upper

65 100

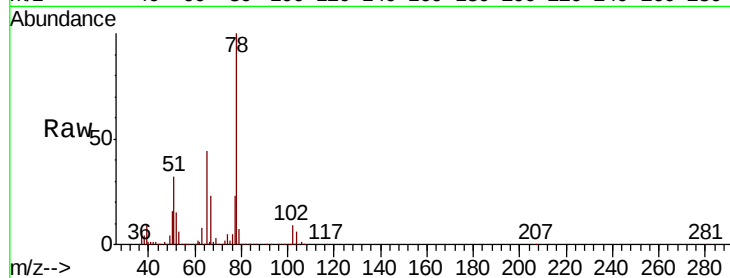
67 51.6 0.0 103.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN051659.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN051659.D (-1925) (-)

8.03

200000

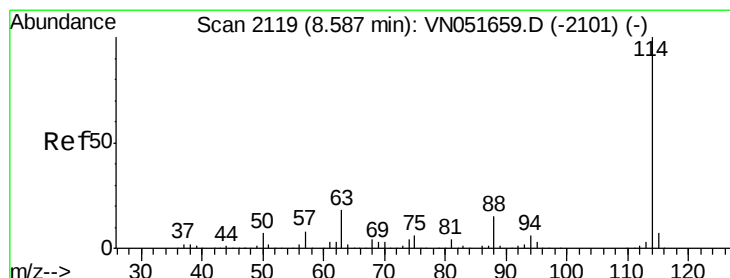
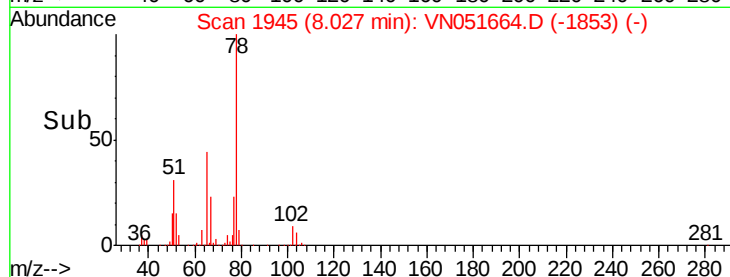
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

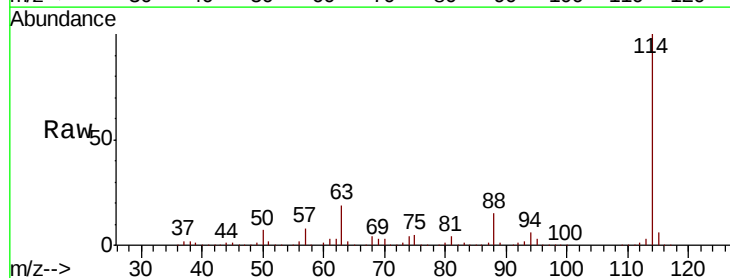
Tgt Ion: 114 Resp: 959969

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.2

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN051659.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051659.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051659.D (-2101) (-)

8.58

600000

500000

400000

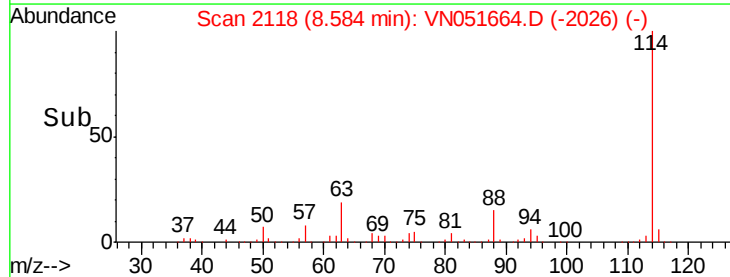
300000

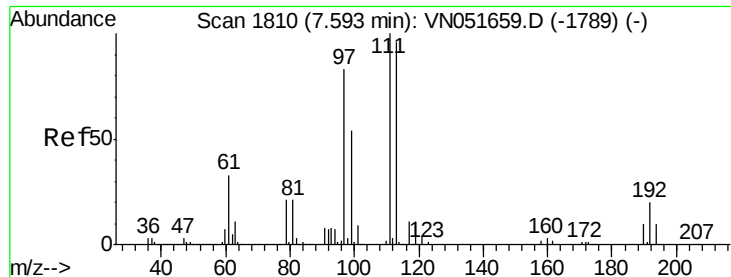
200000

100000

0

Time-->





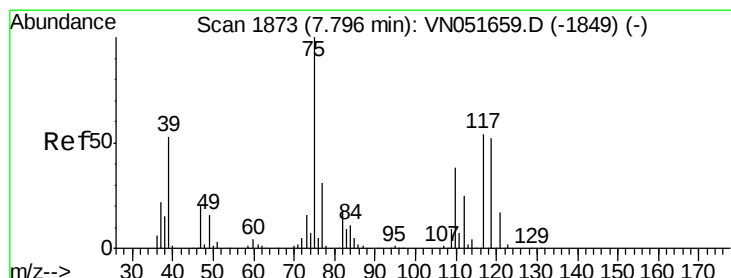
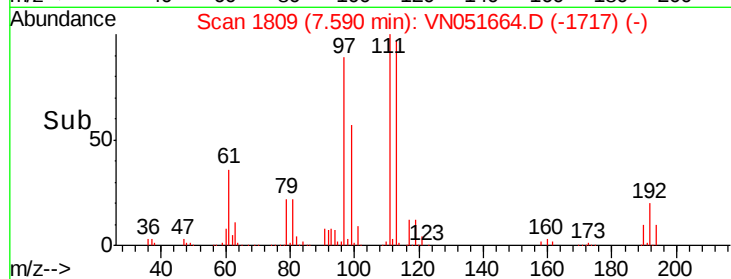
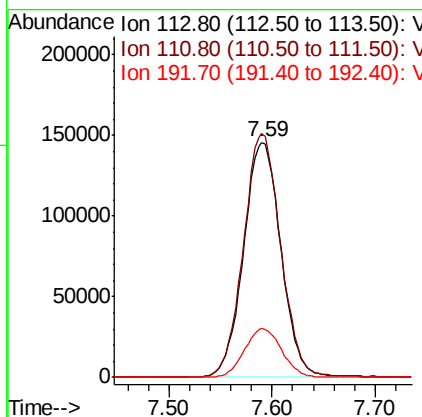
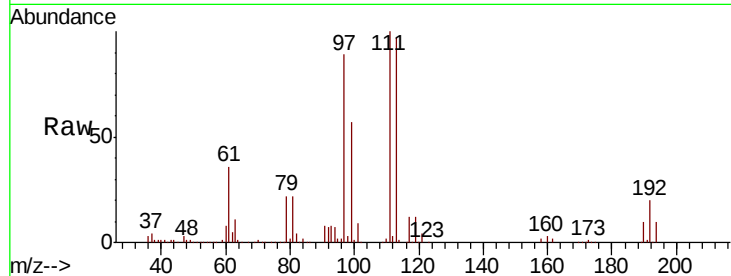
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Resp	Lower	Upper
113	100	366214		
111	103.5	81.8	122.8	
192	20.7	16.5	24.7	

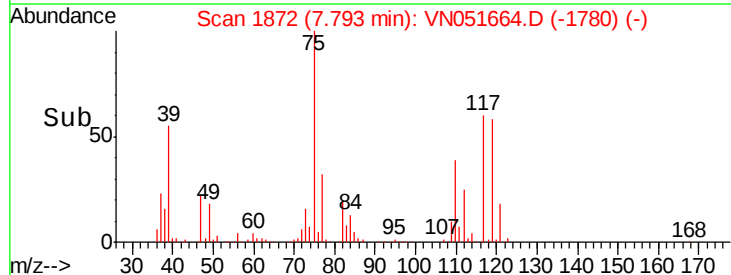
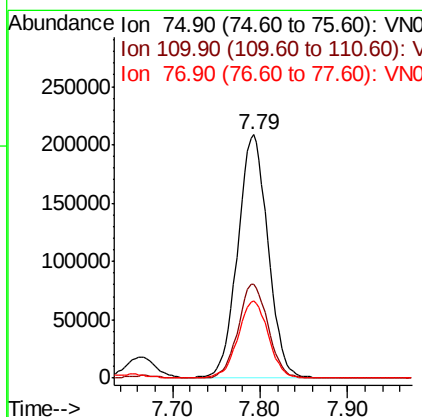
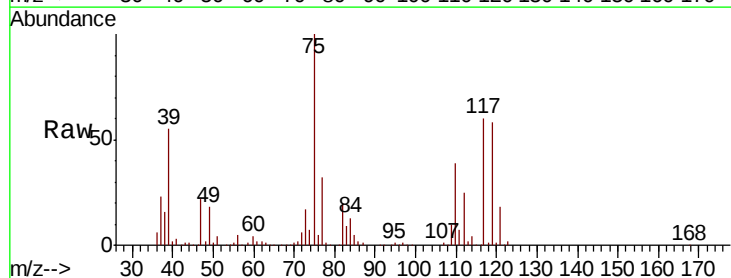
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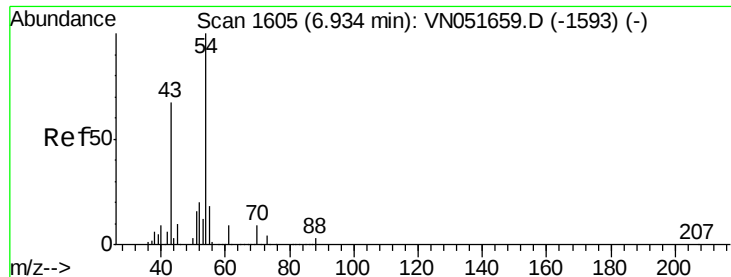
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.730 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	498991		
110	38.5	19.3	57.8	
77	31.7	24.7	37.1	





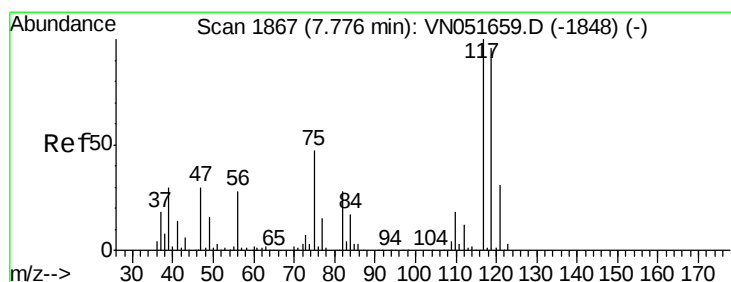
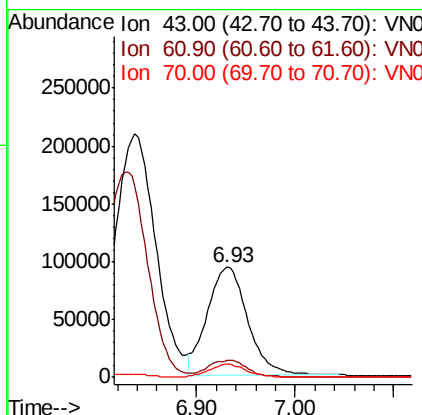
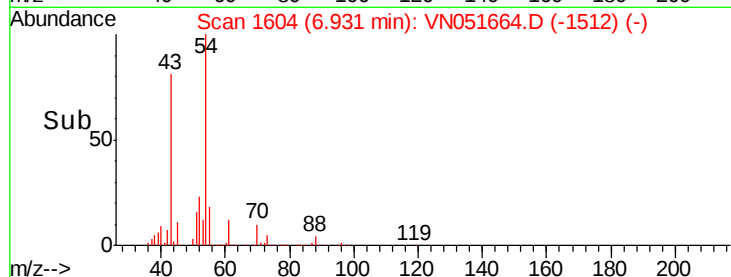
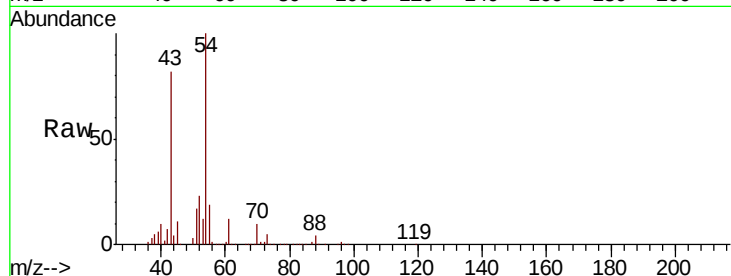
#37
Ethyl Acetate
Concen: 51.408 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.1	11.8	17.6	
70	10.9	8.7	13.1	

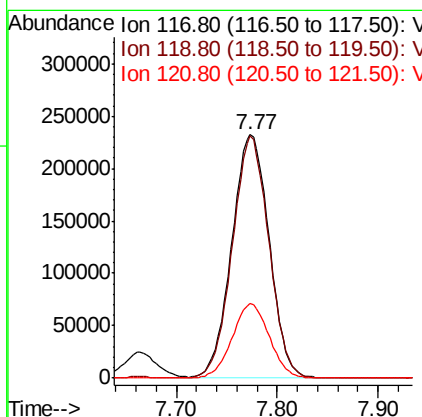
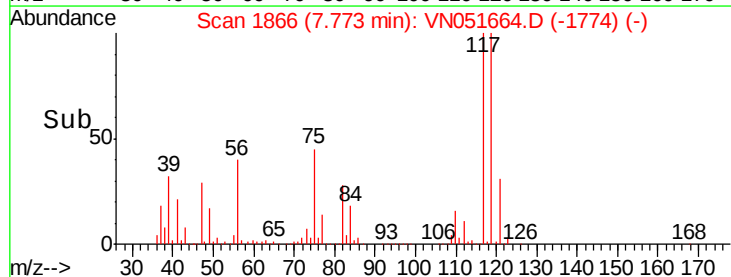
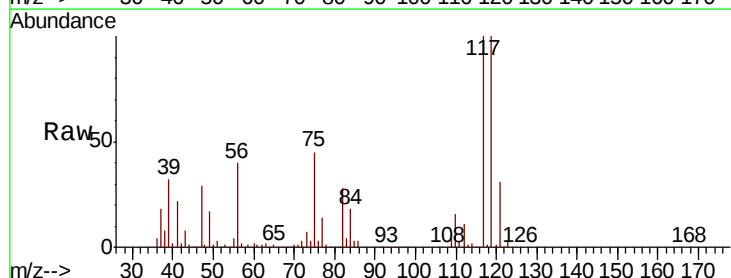
Manual Integrations
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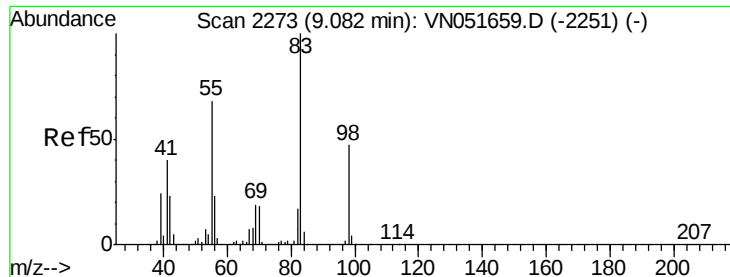
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.537 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	77.0	115.6	
121	30.6	25.0	37.6	





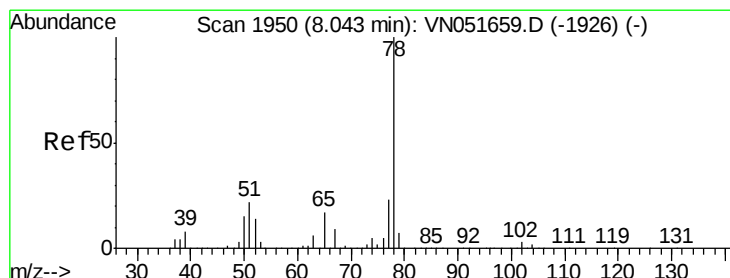
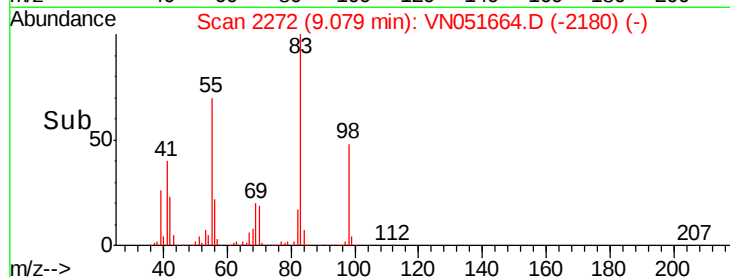
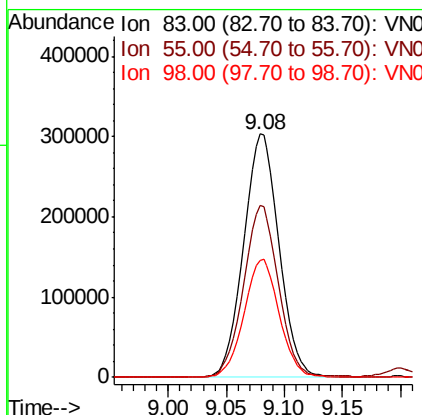
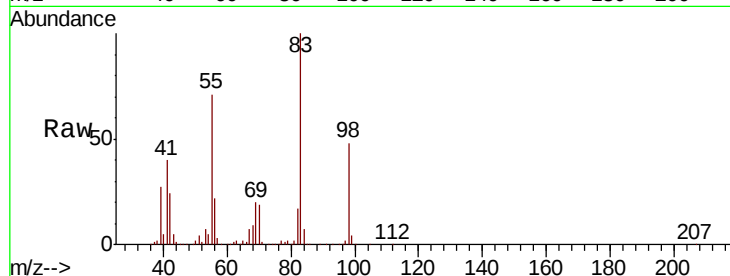
#39
Methvlcvclohexane
Concen: 51.030 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	54.3	81.5
98	48.2	37.4	56.2

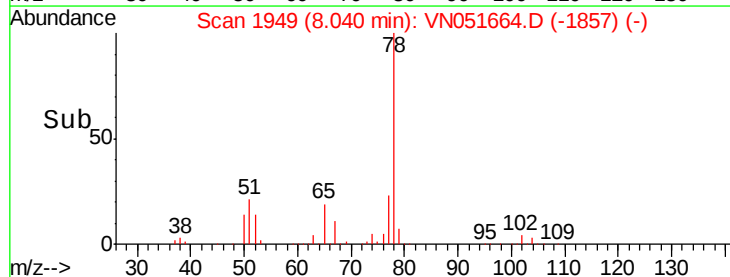
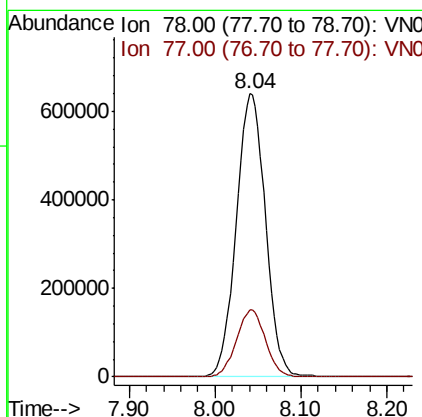
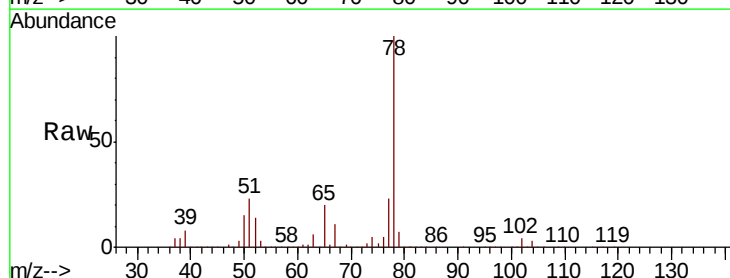
Manual Integrations
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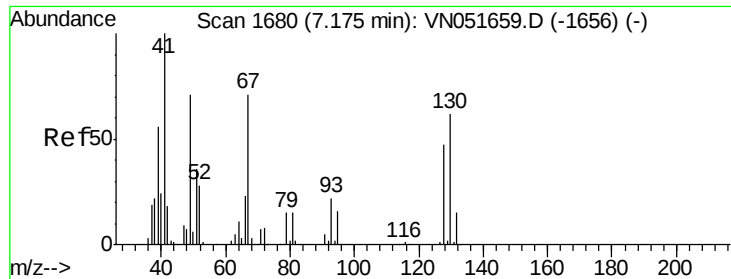
MMDadoda
10/8/2018 1:53:11 PM



#40
Benzene
Concen: 50.604 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.5	27.7





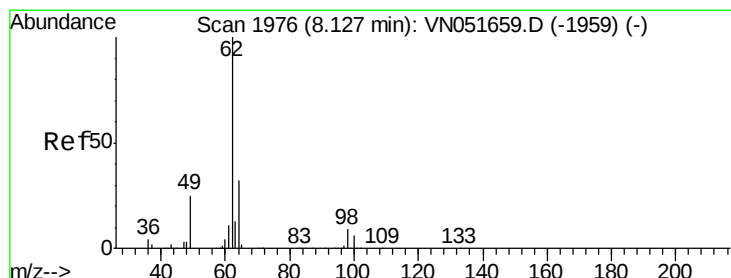
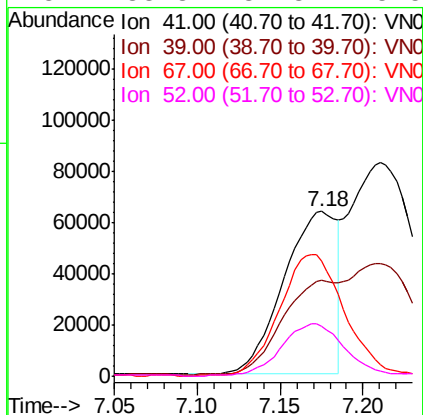
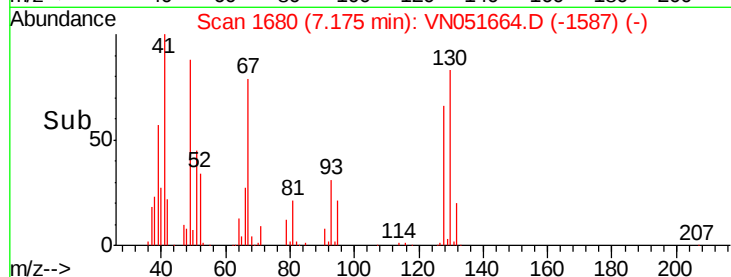
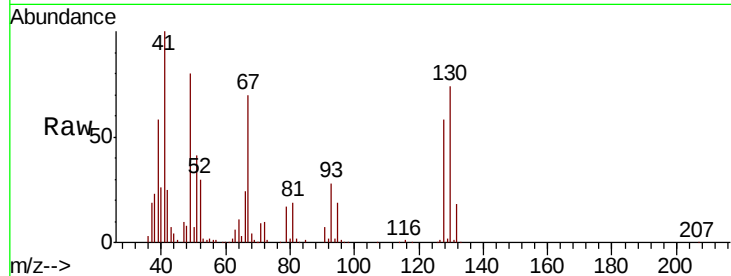
#41
Methacrylonitrile
Concen: 52.592 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.2	53.9	80.9	
67	91.0	78.1	117.1	
52	38.3	32.3	48.5	

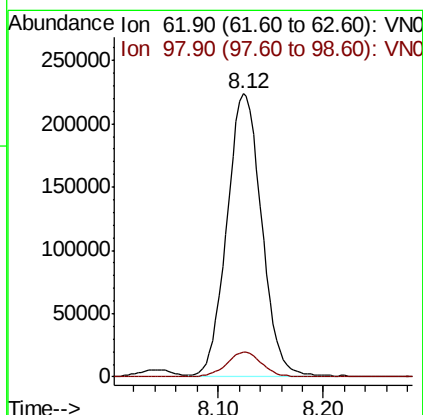
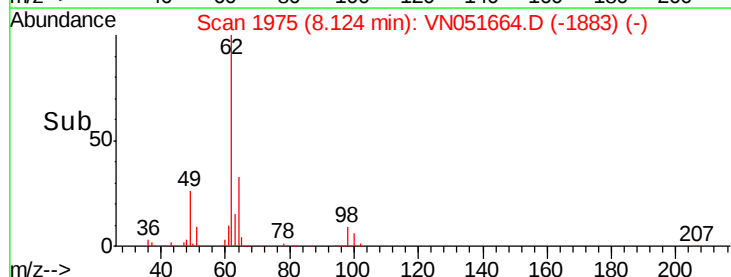
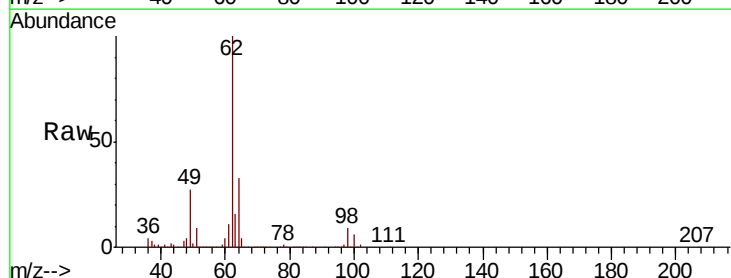
Manual Integrations
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10/8/2018 1:53:11 PM



#42
1,2-Dichloroethane
Concen: 50.545 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.4	





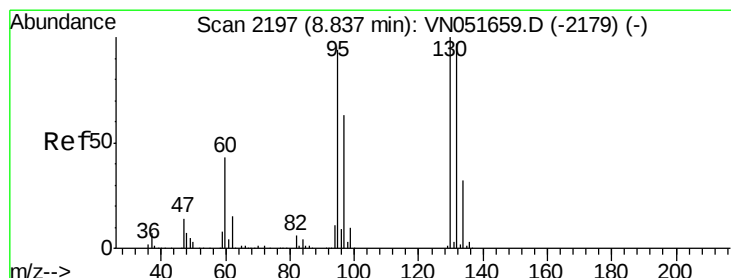
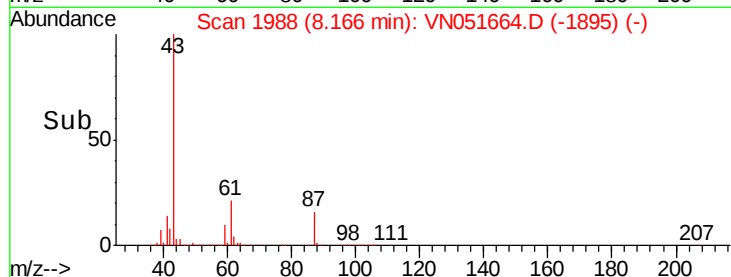
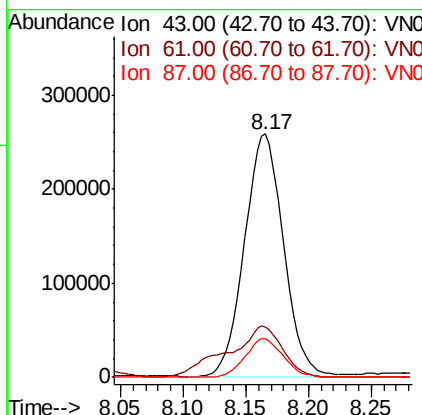
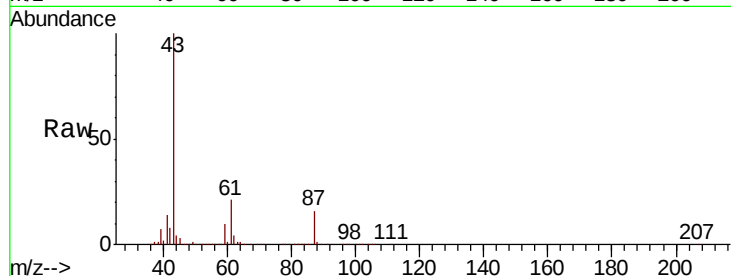
#43
Isopropyl Acetate
Concen: 51.175 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	15.8	23.6#
87	15.7	12.6	19.0

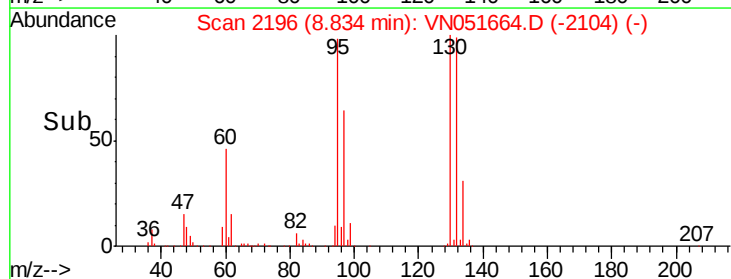
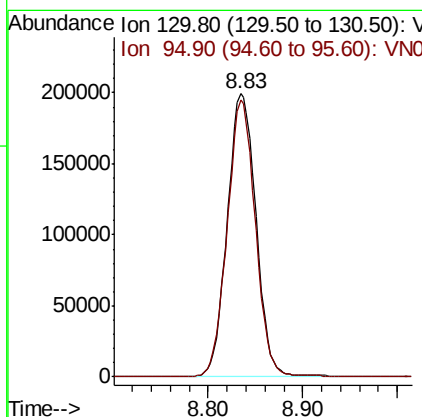
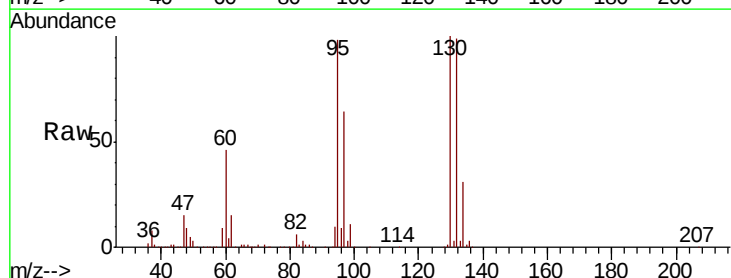
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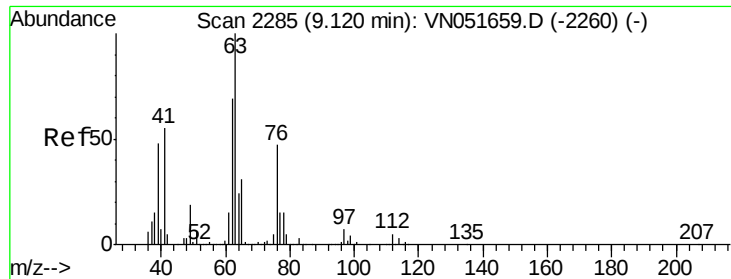
MMDadoda
10/8/2018 1:53:11 PM



#44
Trichloroethene
Concen: 49.828 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 49.920 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 63 Resp: 367128

Ion Ratio Lower Upper

63 100

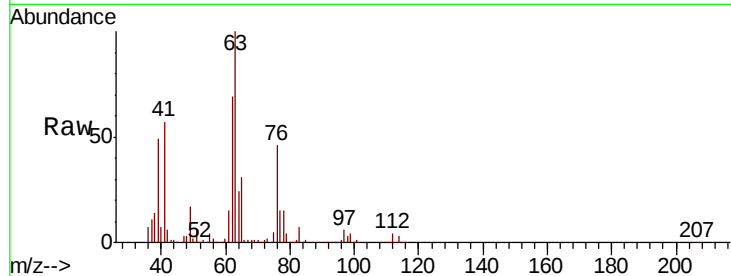
65 31.0 25.0 37.4

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

200000

150000

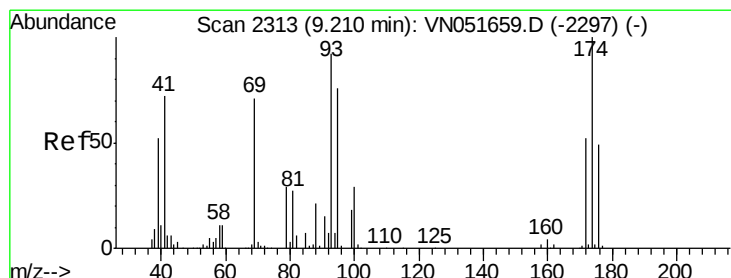
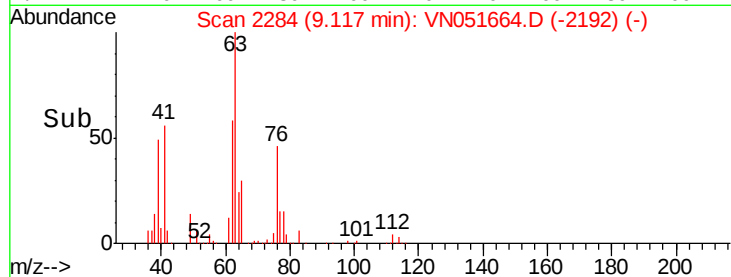
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 50.039 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

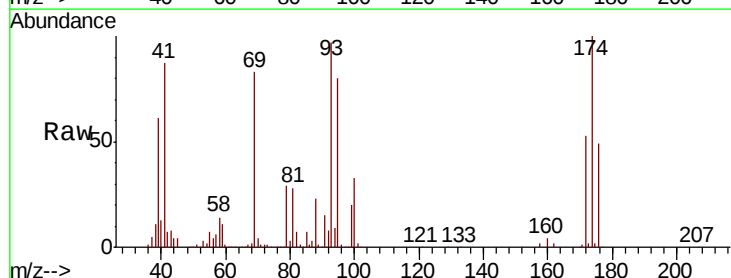
Tgt Ion: 93 Resp: 255790

Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 103.6 85.9 128.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

150000

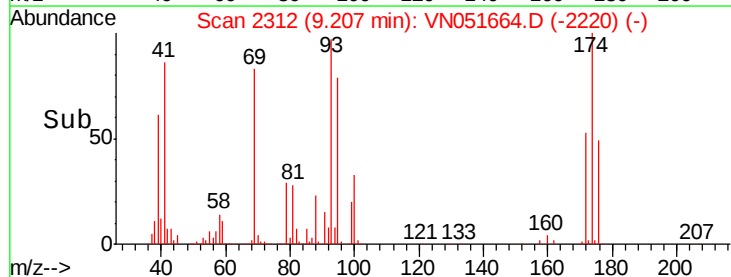
100000

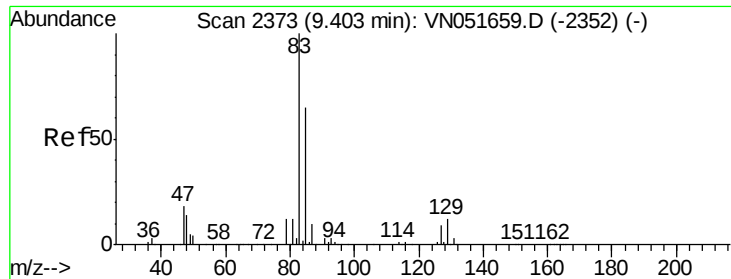
50000

0

9.10 9.15 9.20 9.25 9.30

Time-->





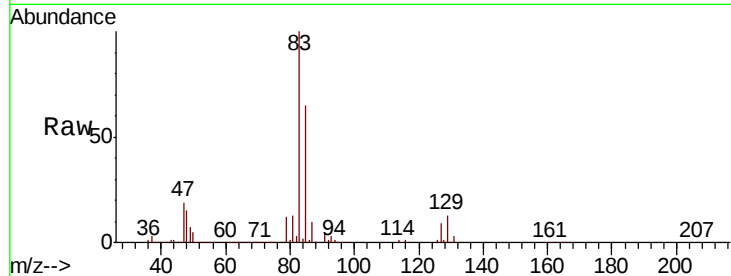
#47
Bromodichloromethane
Concen: 49.102 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

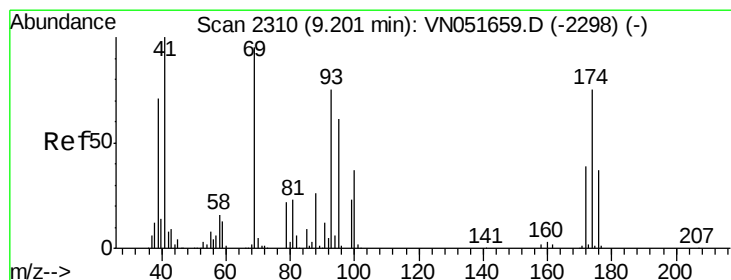
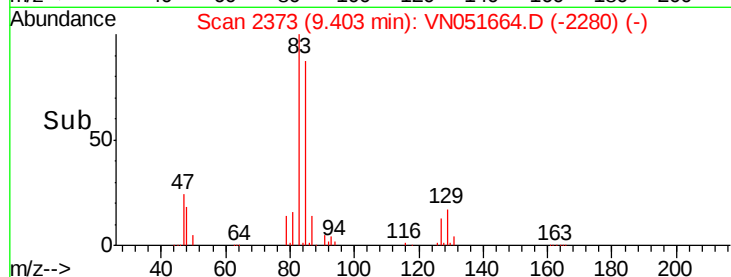
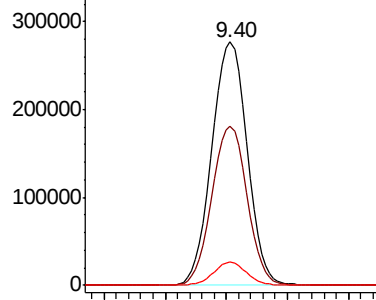
Tot Ion	83	Resp	552541
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	51.6	77.4
127	9.5	7.3	10.9

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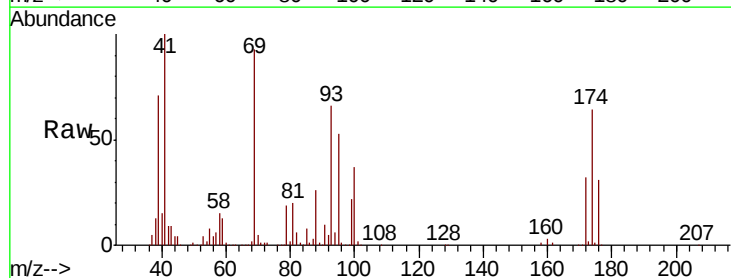


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

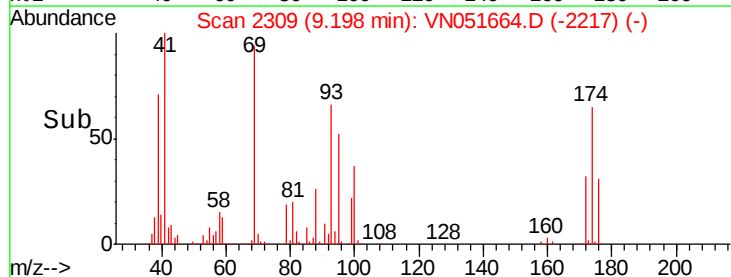
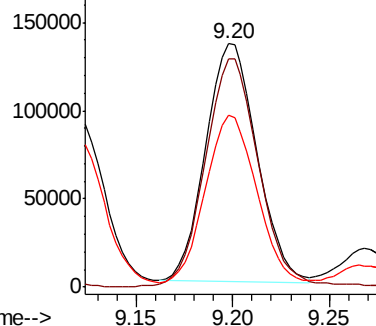


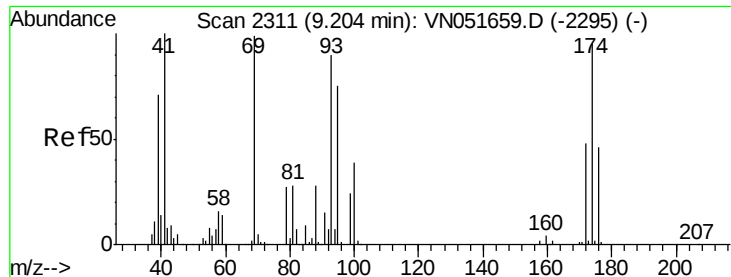
#48
Methyl methacrylate
Concen: 49.744 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	41	Resp	248010
Ion Ratio	100	Lower	Upper
41	100		
69	99.5	78.6	118.0
39	73.4	59.2	88.8



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





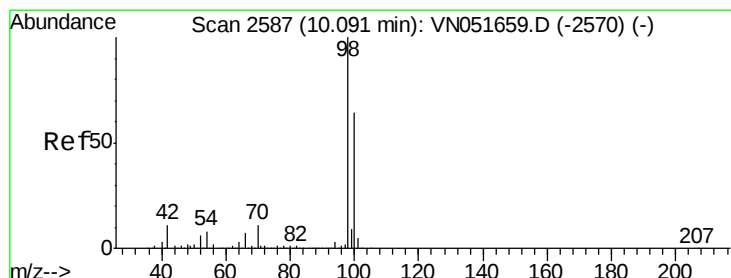
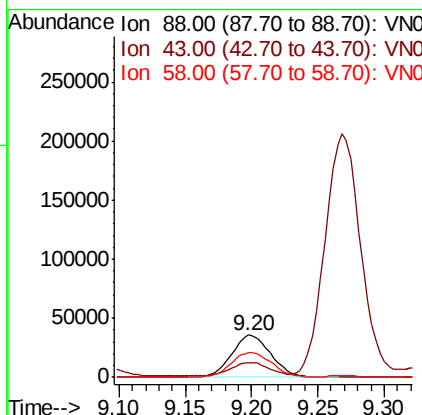
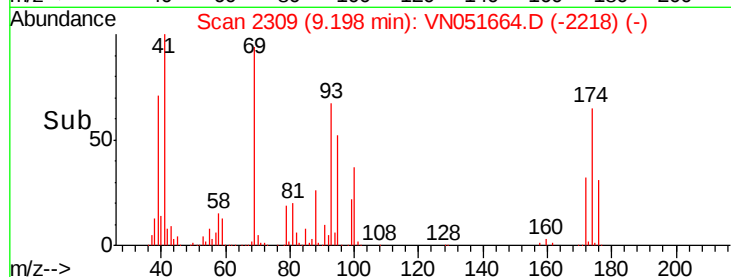
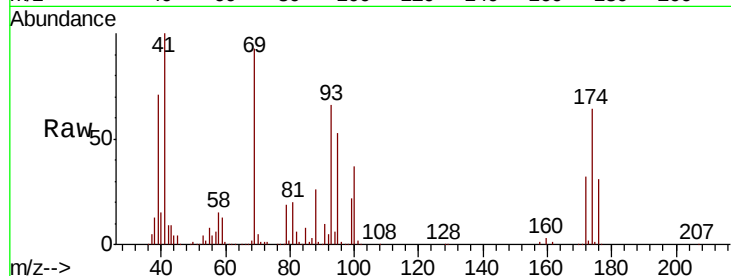
#49
1,4-Dioxane
Concen: 982.010 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.01 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion: 88 Resp: 73414
Ion Ratio Lower Upper
88 100
43 30.7 24.5 36.7
58 61.0 47.6 71.4

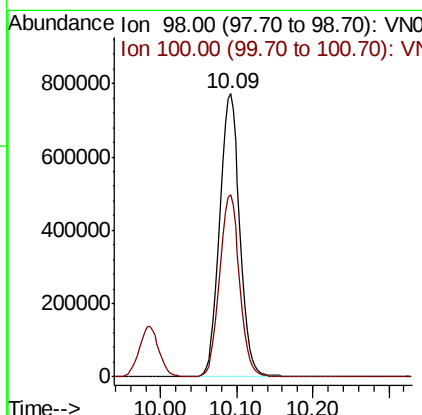
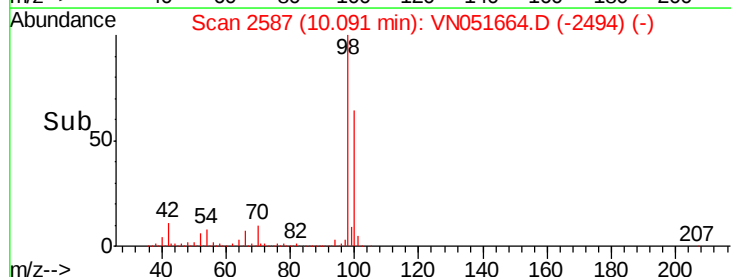
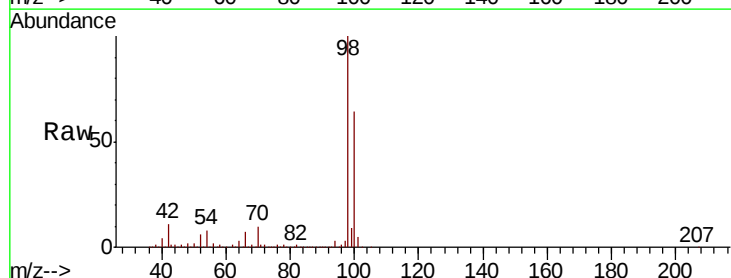
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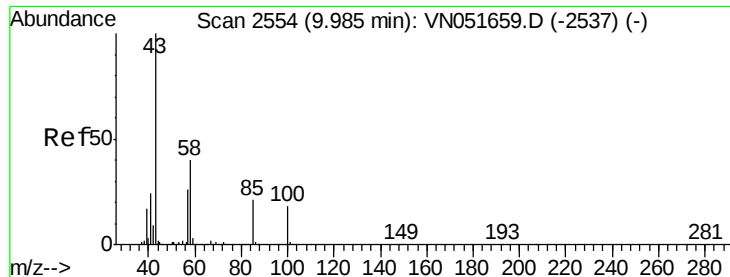
MMDadoda
10/8/2018 1:53:11 PM



#50
Toluene-d8
Concen: 982.010 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion: 98 Resp: 1419551
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 257.006 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 43 Resp: 1420949

Ion Ratio Lower Upper

43 100

58 40.1

32.2

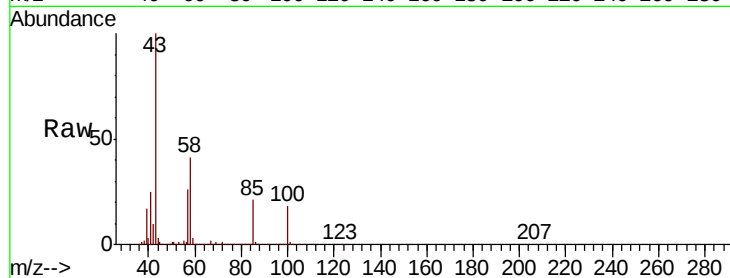
48.2

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Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-2537) (-)

9.99

800000

600000

400000

200000

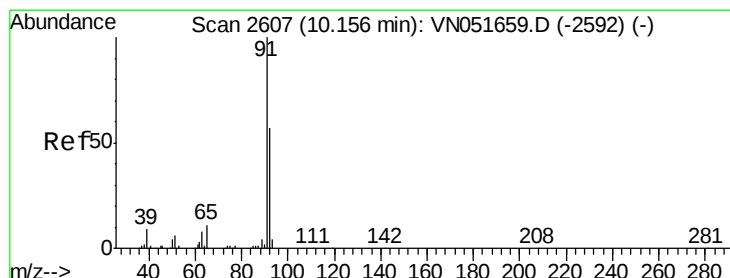
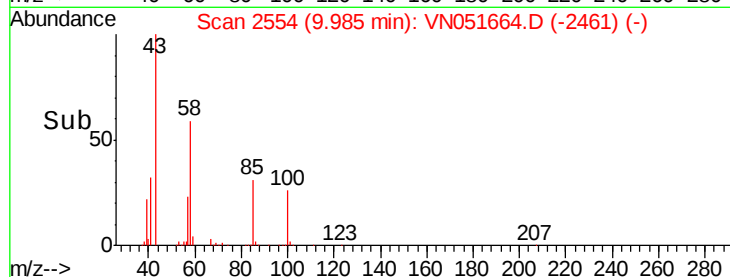
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 52.046 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion: 92 Resp: 1029674

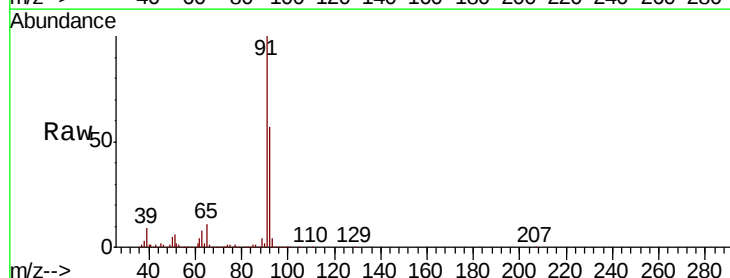
Ion Ratio Lower Upper

92 100

91 173.9

140.3

210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051659.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN051659.D (-2592) (-)

10.16

1000000

800000

600000

400000

200000

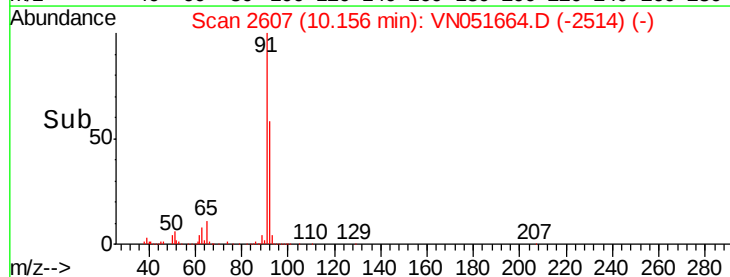
0

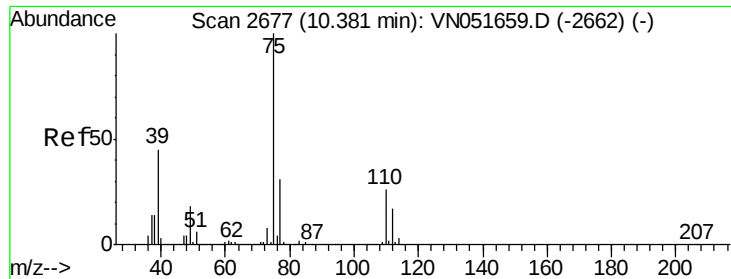
10.10

10.20

10.30

Time-->





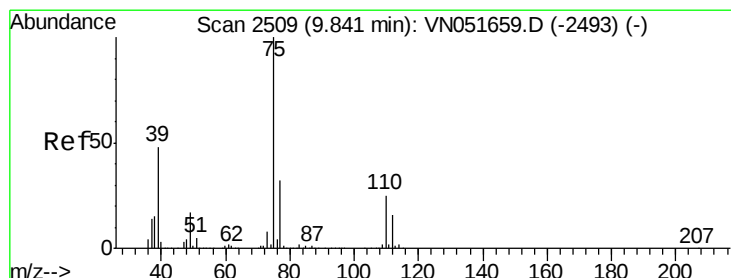
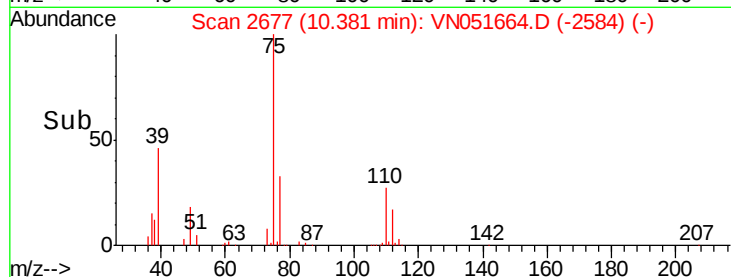
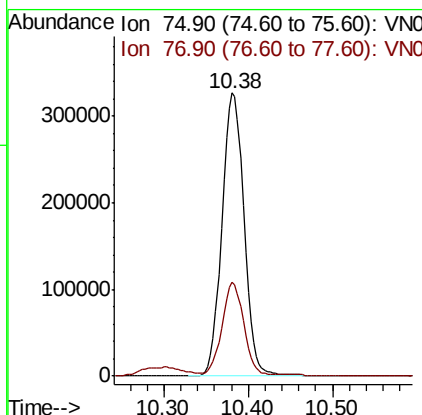
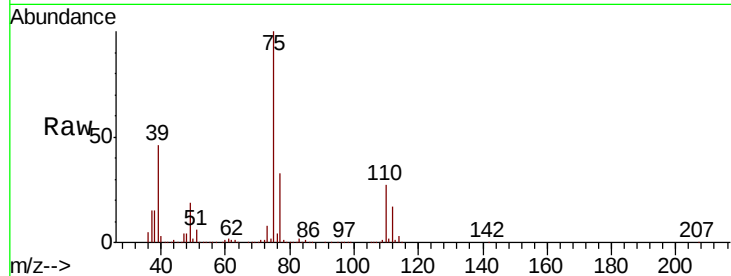
#53
t-1,3-Dichloropropene
Concen: 51.358 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

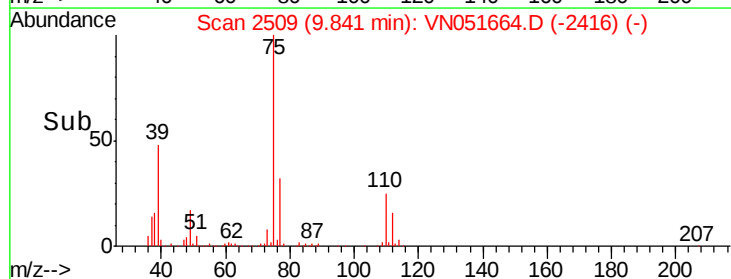
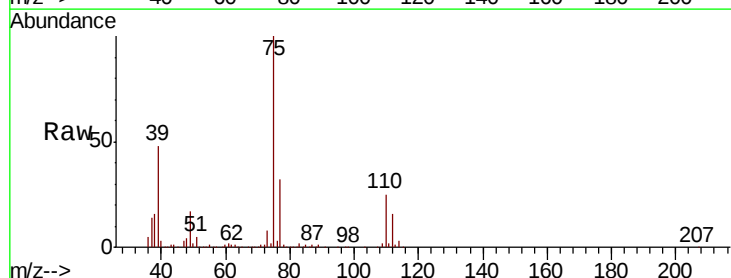
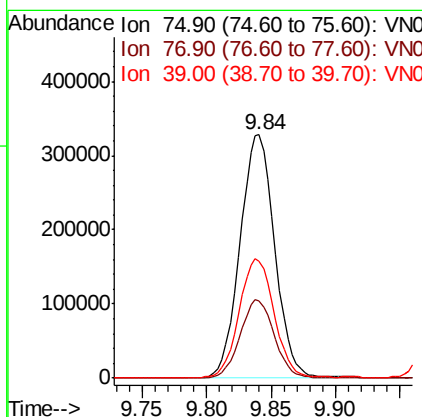
Manual Integrations
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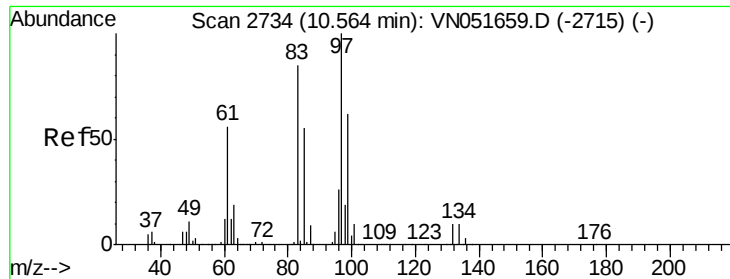
MMDadoda
10/8/2018 1:53:11 PM



#54
cis-1,3-Dichloropropene
Concen: 49.857 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5
39	48.0	38.1	57.1





#55

1,1,2-Trichloroethane

Concen: 50.488 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

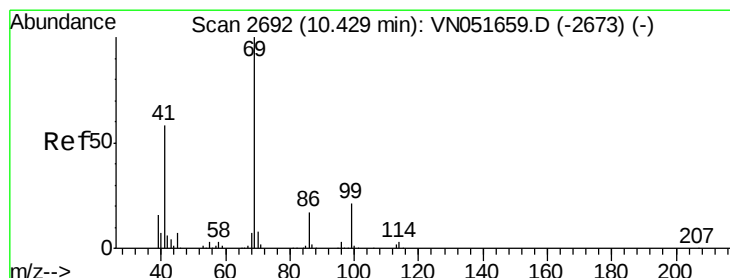
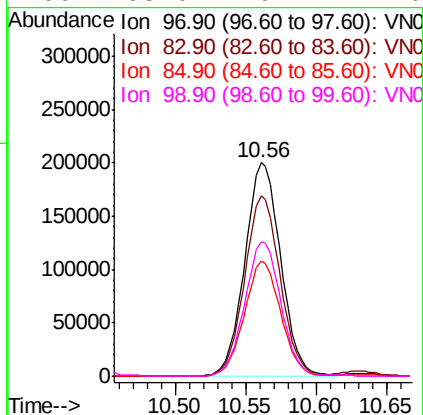
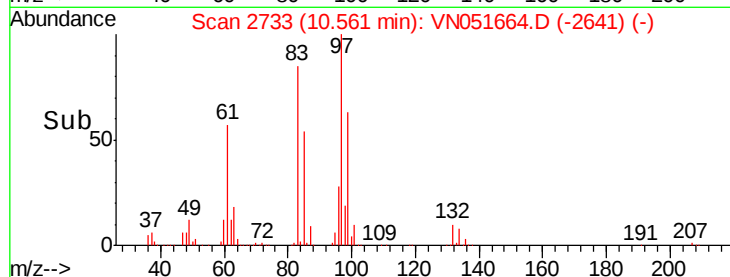
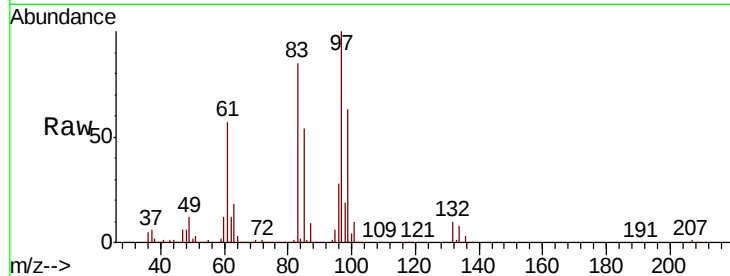
ClientSampleId :

ICVFN100418

Tot Ion:	97	Resp:	355826
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	53.8	43.6	65.4
99	63.0	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.544 ug/l

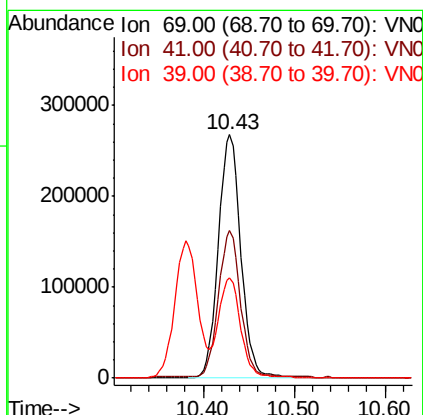
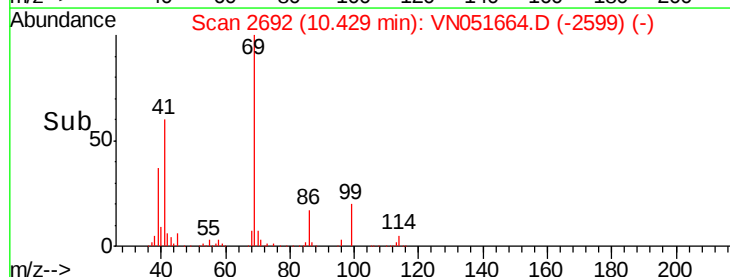
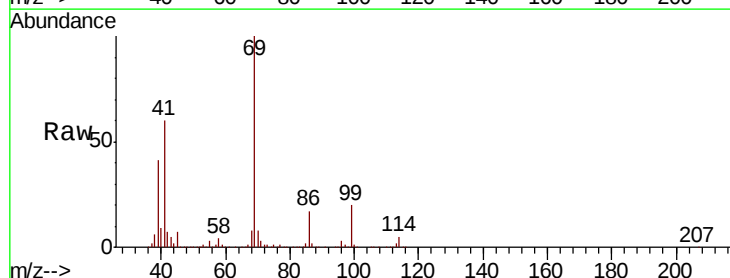
RT: 10.43 min Scan# 2692

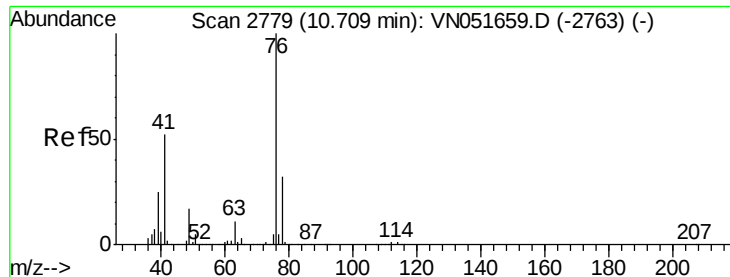
Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion:	69	Resp:	459394
Ion	Ratio	Lower	Upper
69	100		
41	58.9	46.4	69.6
39	40.4	32.4	48.6





#57

1,3-Dichloropropane

Concen: 50.943 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVFN100418

Tot Ion: 76 Resp: 568240

Ion Ratio Lower Upper

76 100

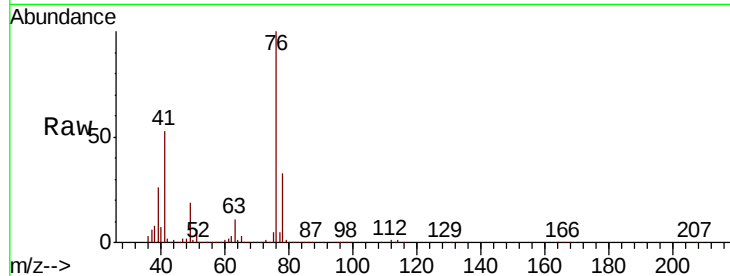
78 32.5 26.0 39.0

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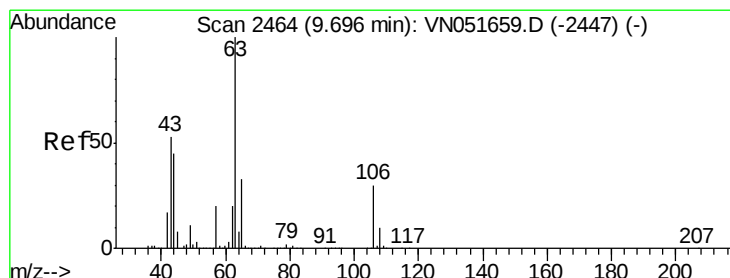
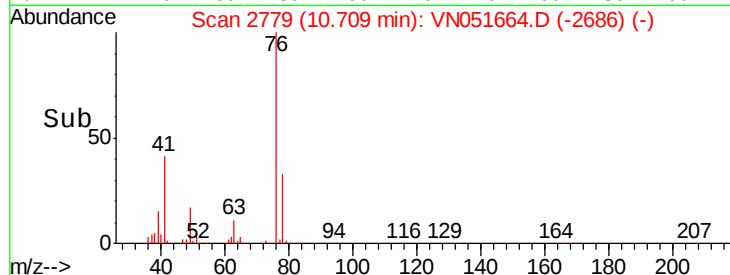
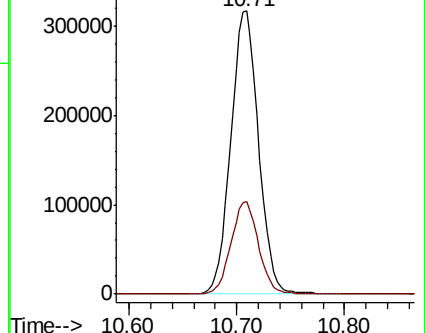
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 257.874 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN051664.D

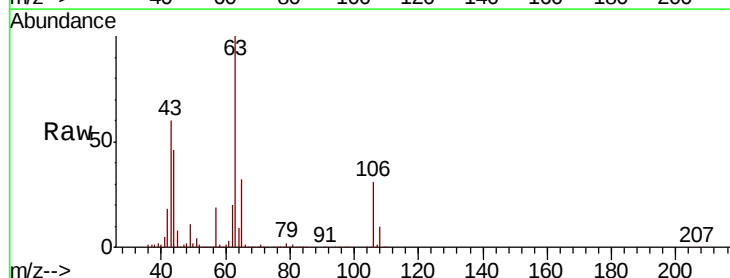
Acq: 4 Oct 2018 14:01

Tgt Ion: 63 Resp: 951200

Ion Ratio Lower Upper

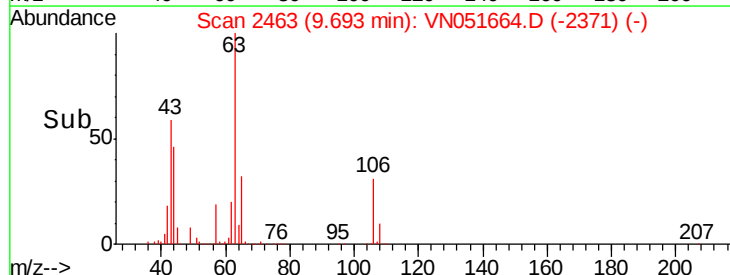
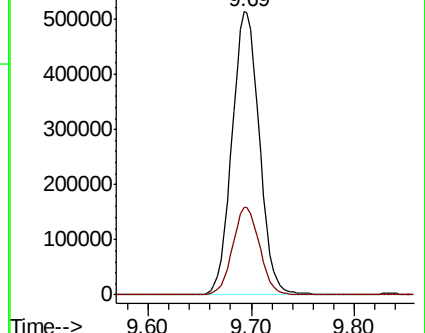
63 100

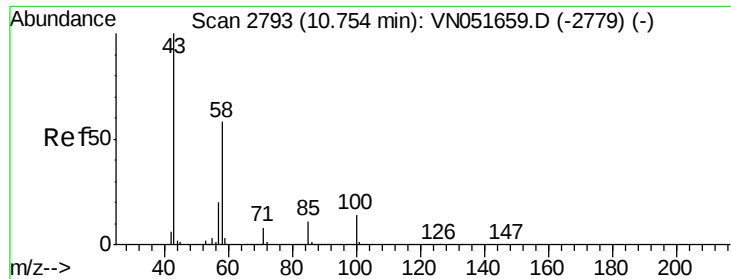
106 30.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 262.203 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 43 Resp: 984528

Ion Ratio Lower Upper

43 100

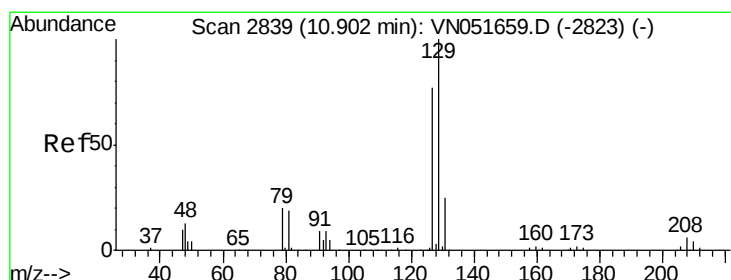
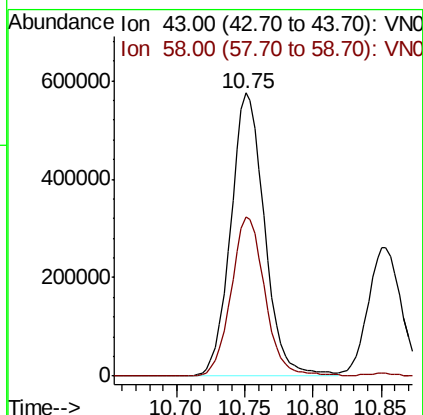
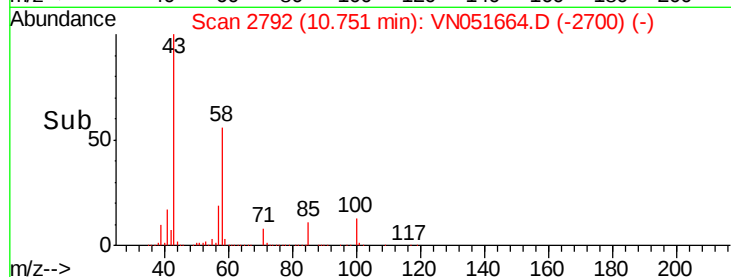
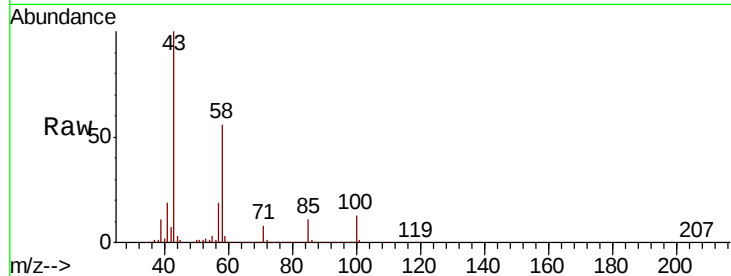
58 56.5 28.8 86.4

Manual Integrations

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#60

Dibromochloromethane

Concen: 51.411 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN051664.D

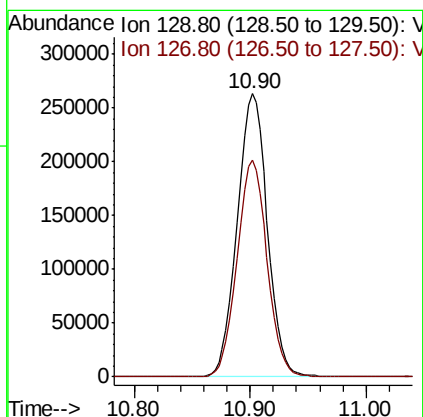
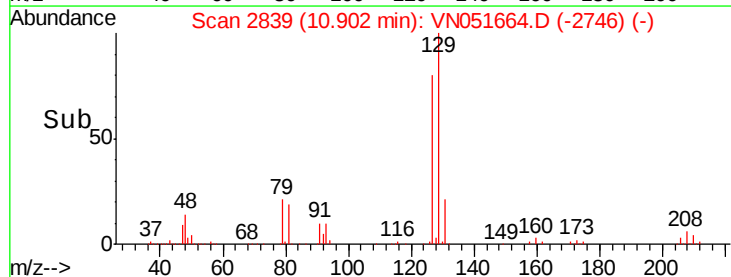
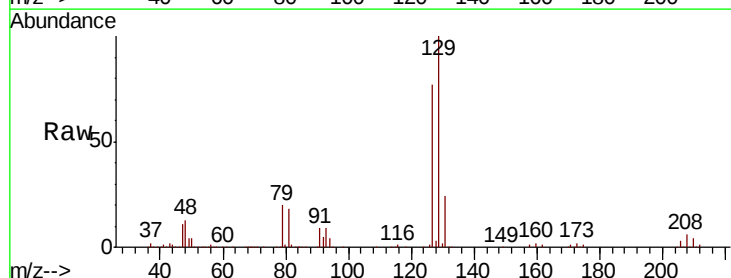
Acq: 4 Oct 2018 14:01

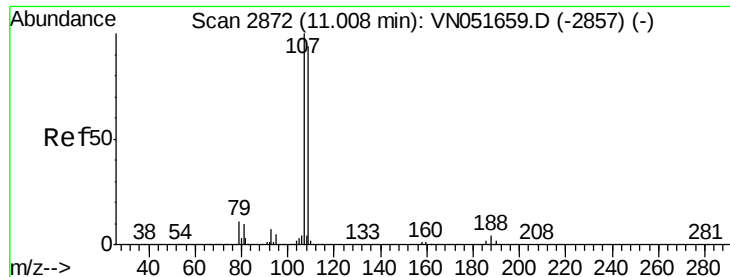
Tgt Ion: 129 Resp: 474162

Ion Ratio Lower Upper

129 100

127 76.4 38.6 115.7





#61

1,2-Dibromoethane

Concen: 50.816 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 107 Resp: 378606

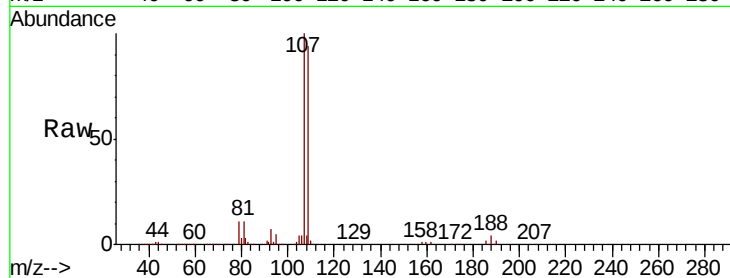
Ion Ratio Lower Upper

107 100

109 95.5 75.4 113.0

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

100000

50000

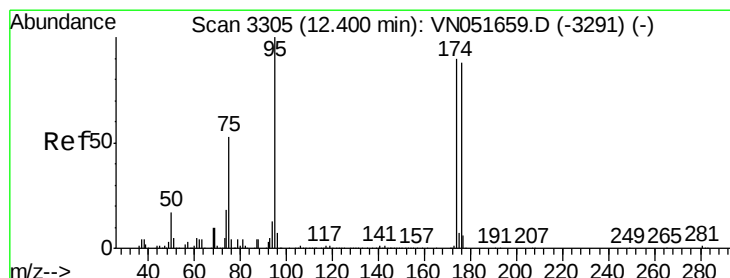
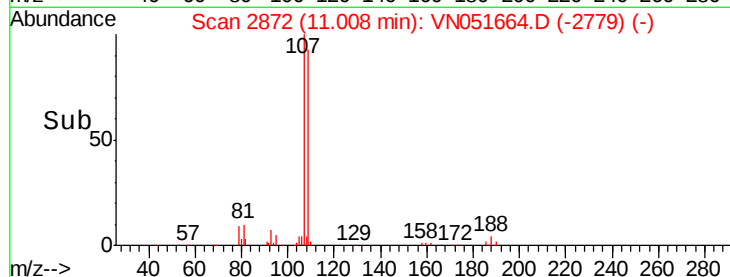
0

11.01

11.00

11.01

Time-->



#62

4-Bromofluorobenzene

Concen: 50.816 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

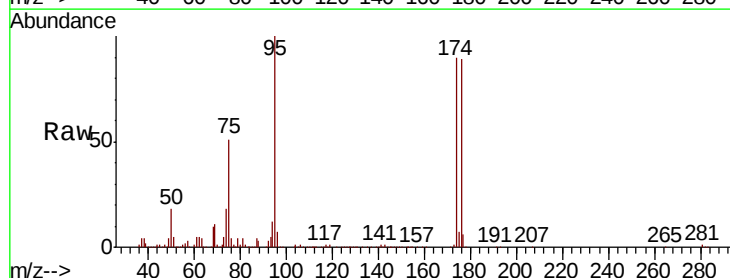
Tgt Ion: 95 Resp: 513873

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

176 88.8 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

200000

100000

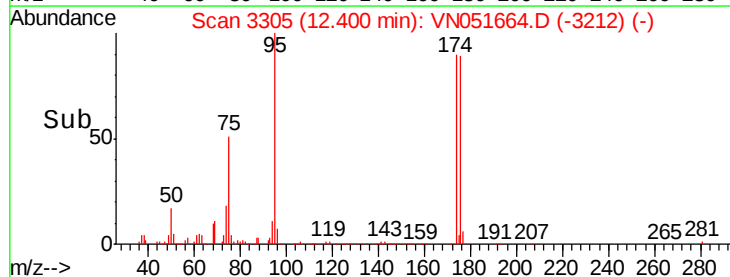
0

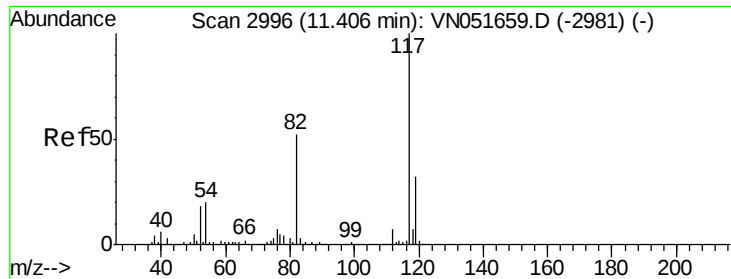
12.40

12.35

12.45

Time-->





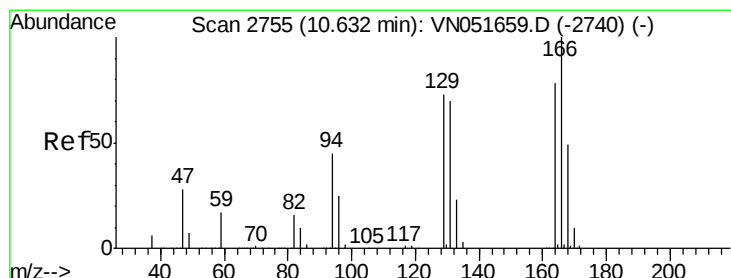
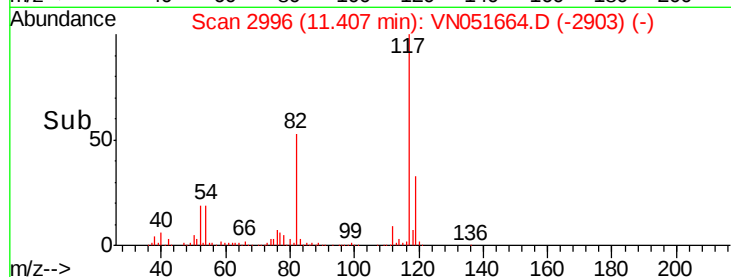
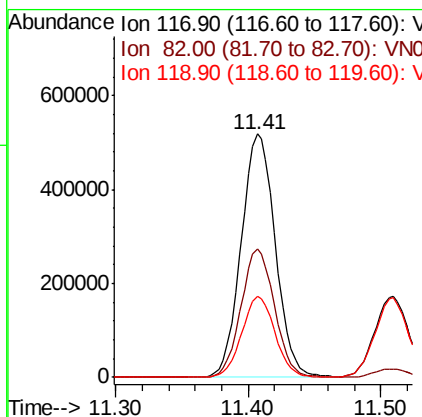
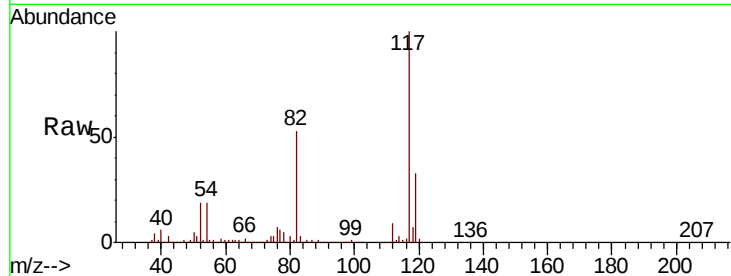
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Resp	Lower	Upper
117	100	926794		
82	52.8		41.3	61.9
119	33.1		25.9	38.9

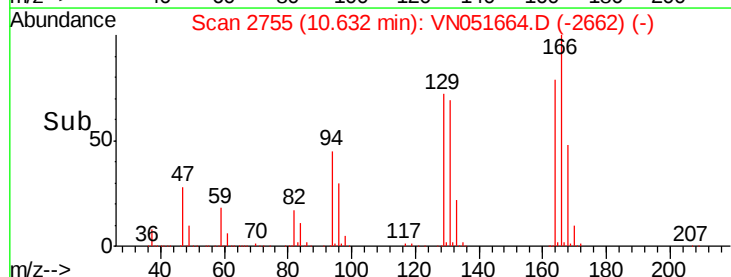
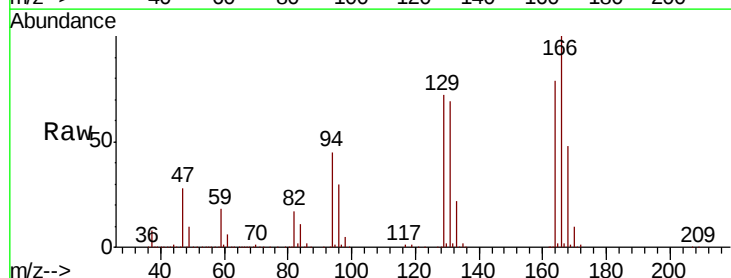
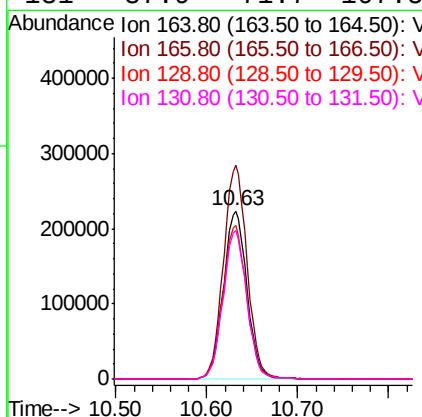
Manual Integrations
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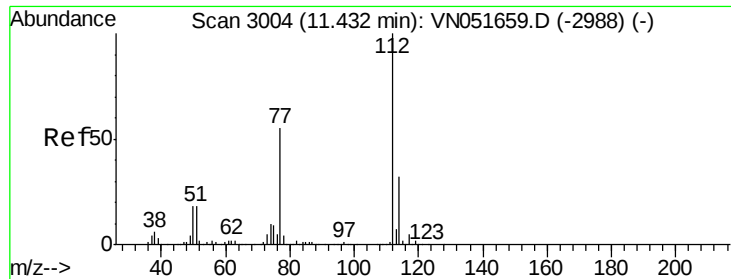
MMDadoda
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#64
Tetrachloroethene
Concen: 49.318 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	403251		
166	126.9		103.0	154.6
129	91.4		75.2	112.8
131	87.9		71.7	107.5





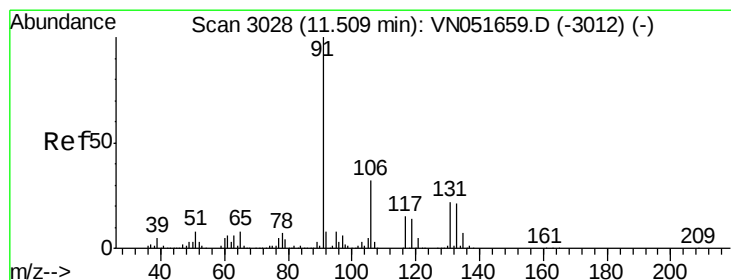
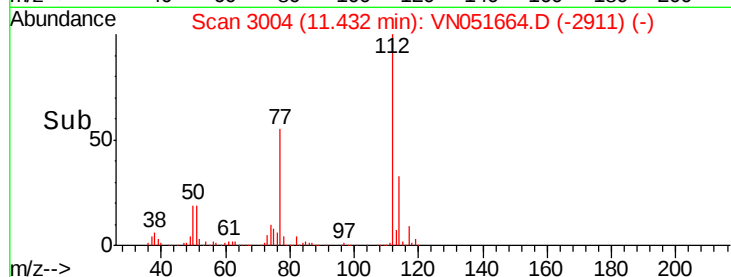
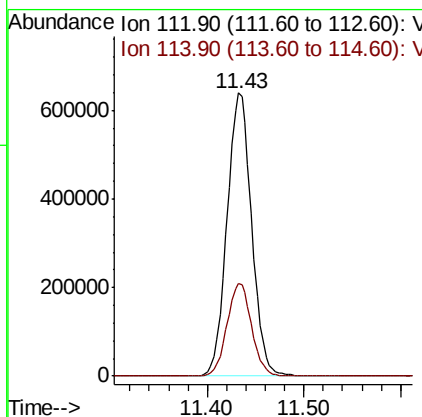
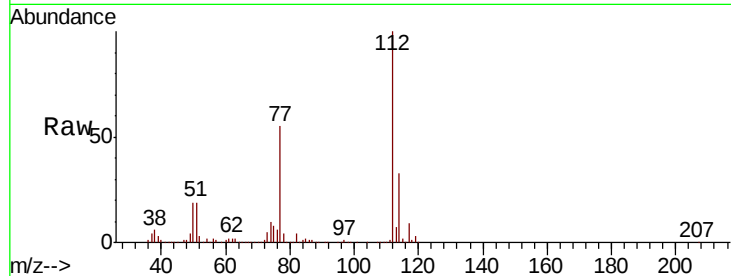
#65
Chlorobenzene
Concen: 49.091 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion:112 Resp: 1126818
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9

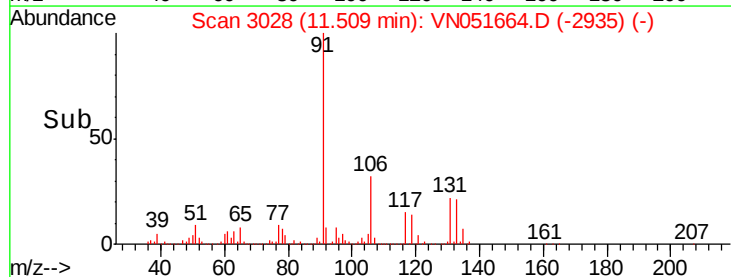
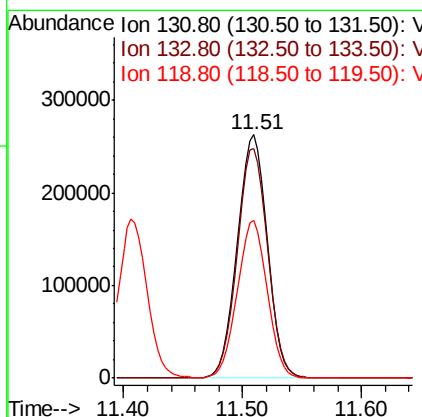
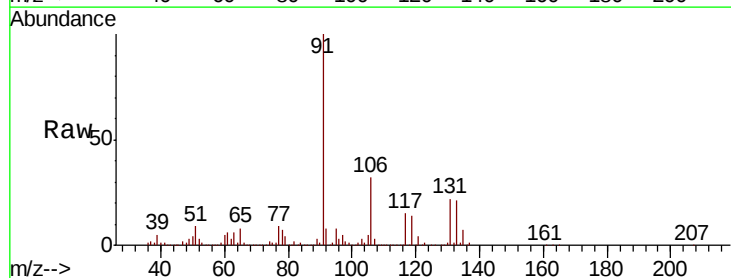
Manual Integrations
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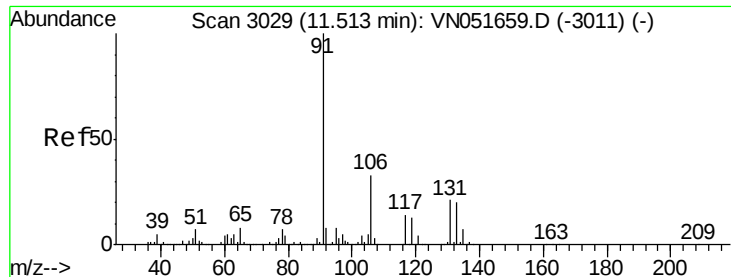
MMDadoda
10/8/2018 1:53:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.071 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion:131 Resp: 460183
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 64.6 32.0 96.0





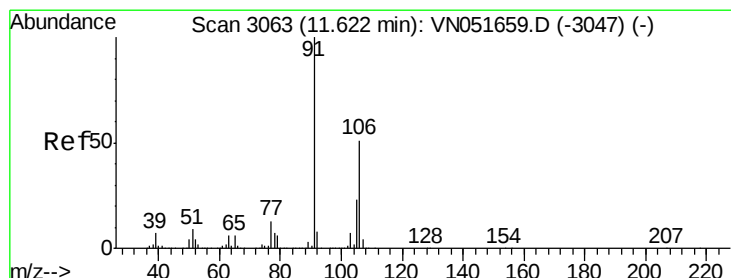
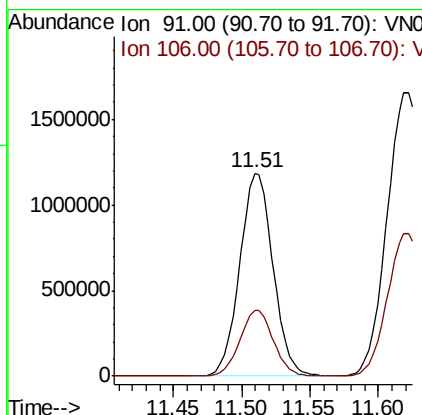
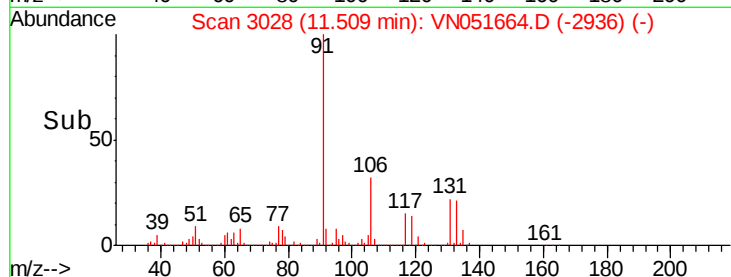
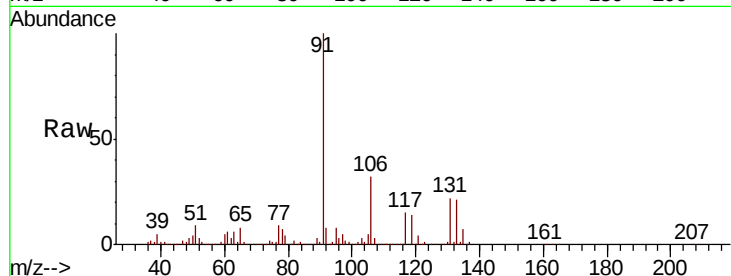
#67
Ethyl Benzene
Concen: 50.545 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVFN100418

Tot Ion: 91 Resp: 2005316
Ion Ratio Lower Upper
91 100
106 32.4 26.0 39.0

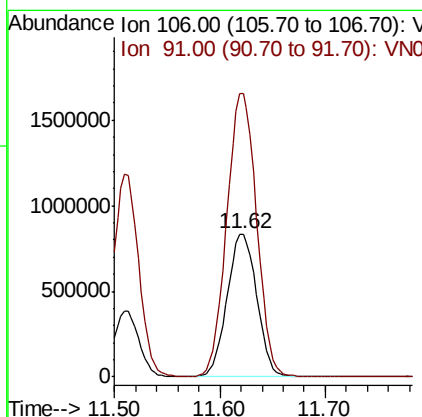
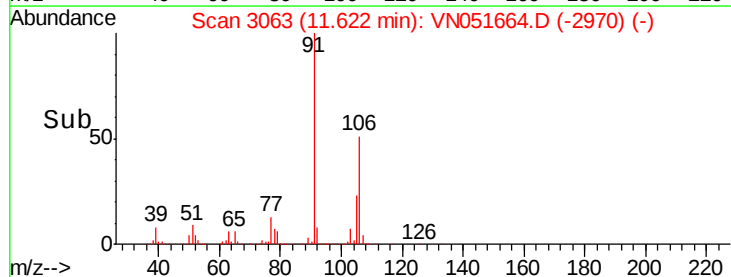
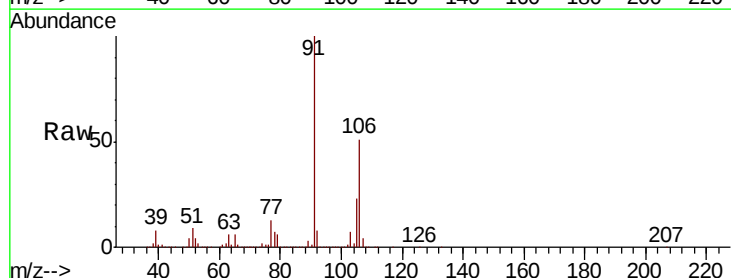
Manual Integrations
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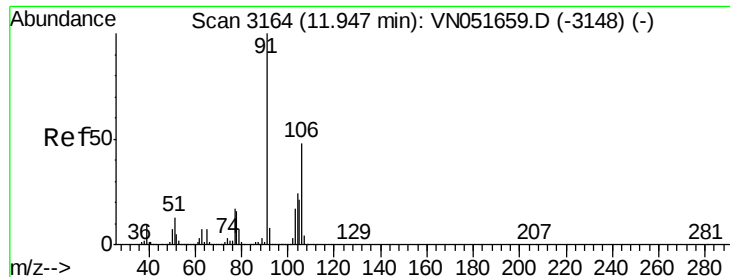
MMDadoda
10/8/2018 1:53:11 PM



#68
m/p-Xylenes
Concen: 102.463 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion: 106 Resp: 1626529
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6





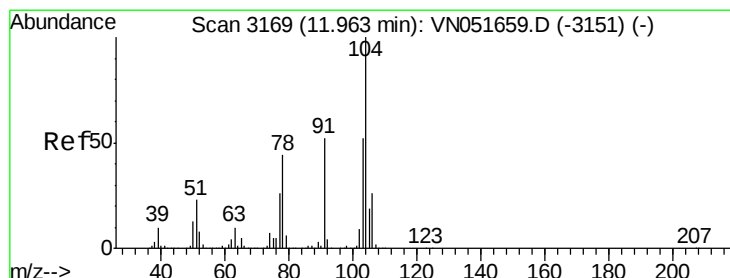
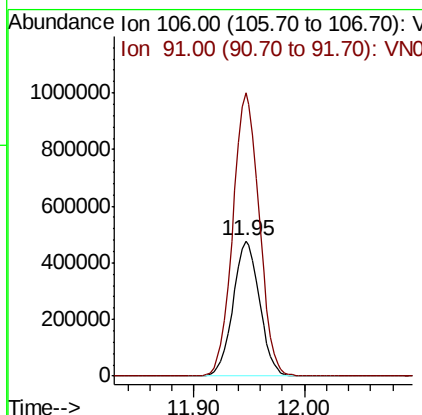
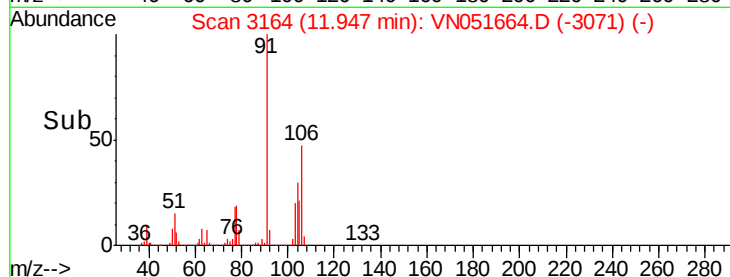
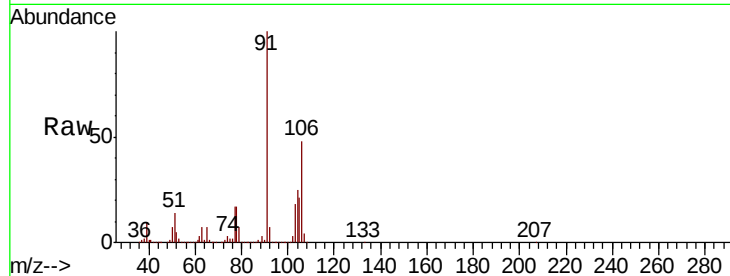
#69
o-Xylene
Concen: 51.024 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion:106 Resp: 794329
Ion Ratio Lower Upper
106 100
91 208.7 104.4 313.2

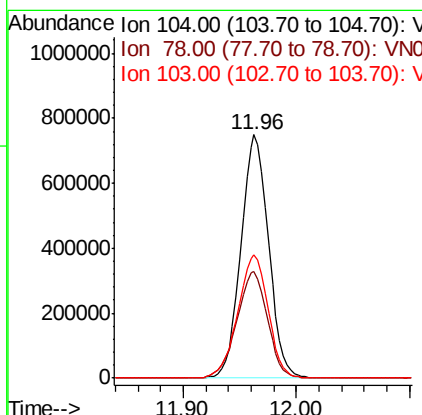
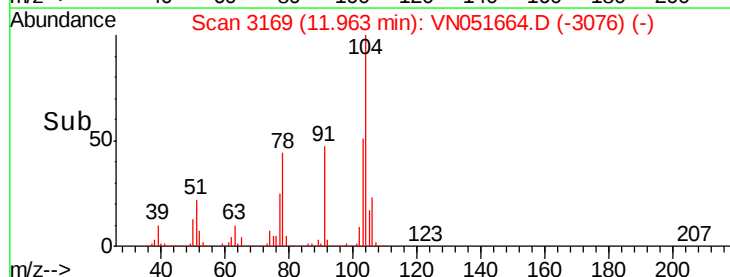
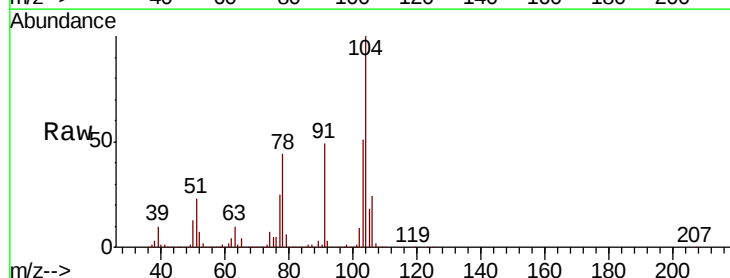
Manual Integrations
APPROVED

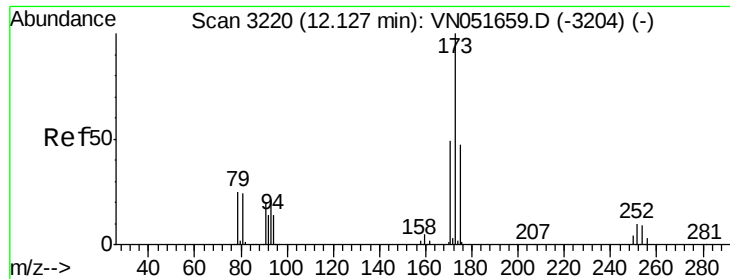
MMDadoda
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#70
Styrene
Concen: 51.395 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion:104 Resp: 1274943
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 55.6 45.0 67.6





#71

Bromoform

Concen: 50.400 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

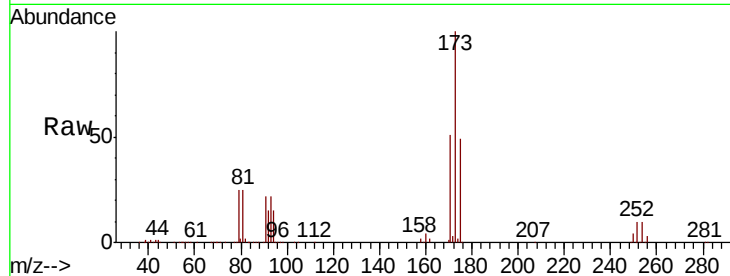
ClientSampleId :

ICVVN100418

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.0	72.0
254	0.1	0.1	0.1

Manual Integrations
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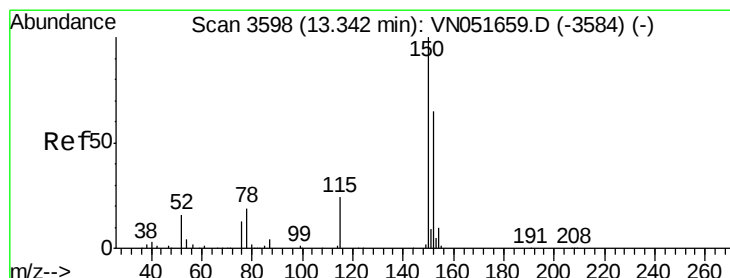
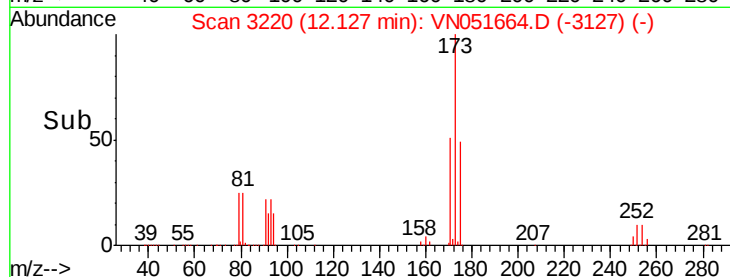
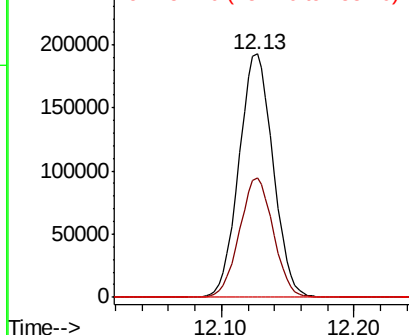


Abundance

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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

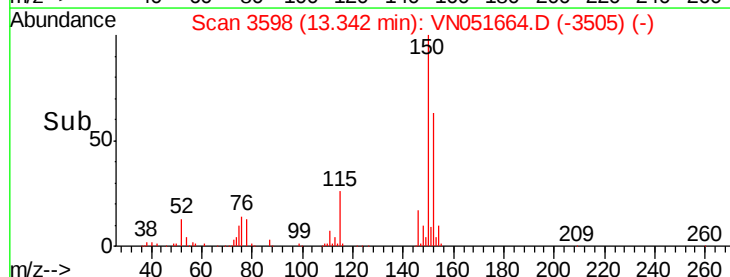
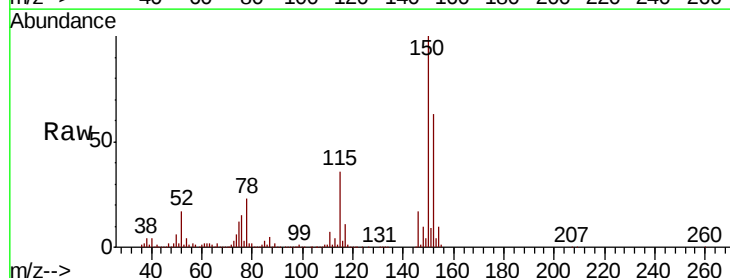
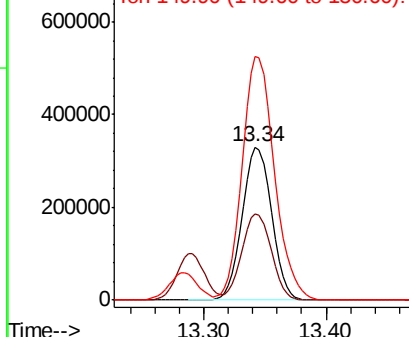
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.6	85.8
150	174.5	0.0	352.4

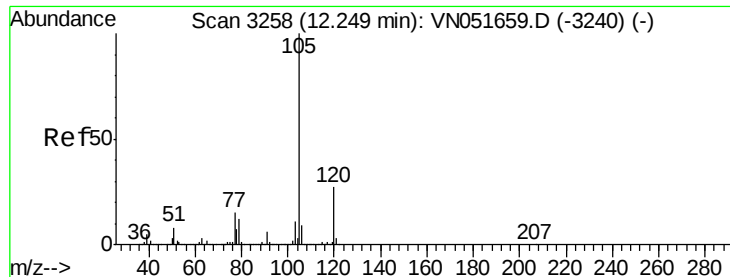
Abundance

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: 46.163 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion:105 Resp: 2151957

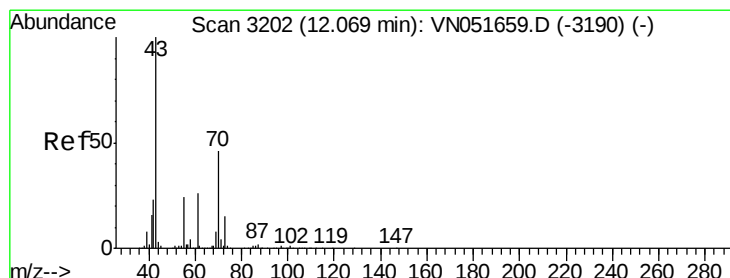
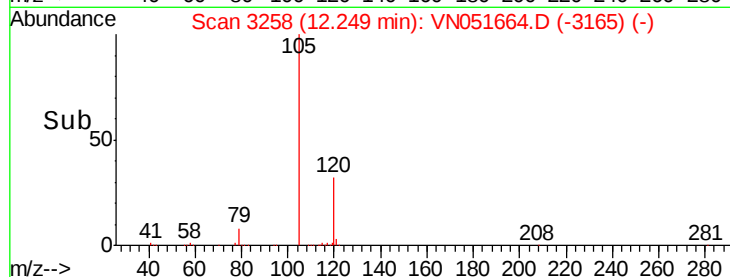
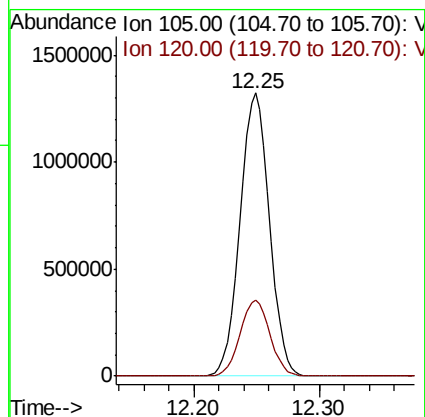
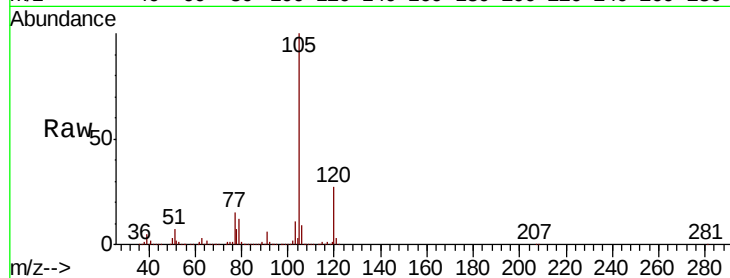
Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 50.630 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion: 43 Resp: 487400

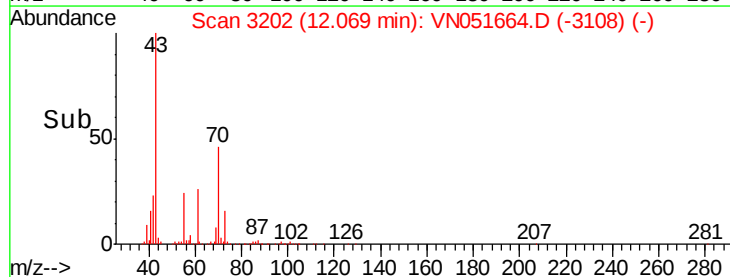
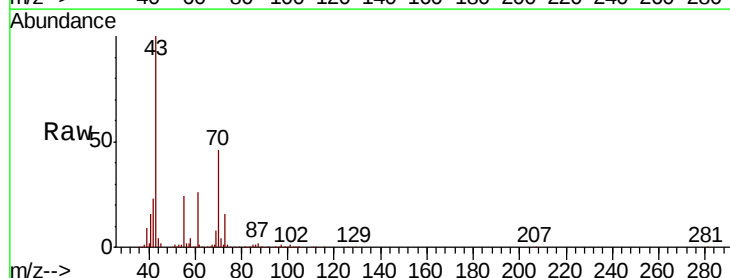
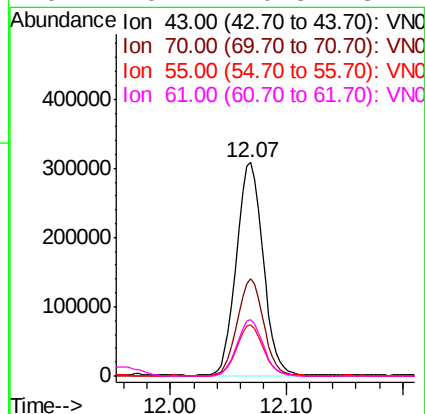
Ion Ratio Lower Upper

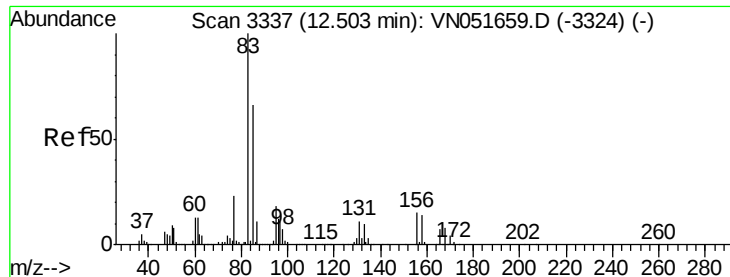
43 100

70 45.1 37.1 55.7

55 23.2 19.1 28.7

61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.621 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 83 Resp: 448757

Ion Ratio Lower Upper

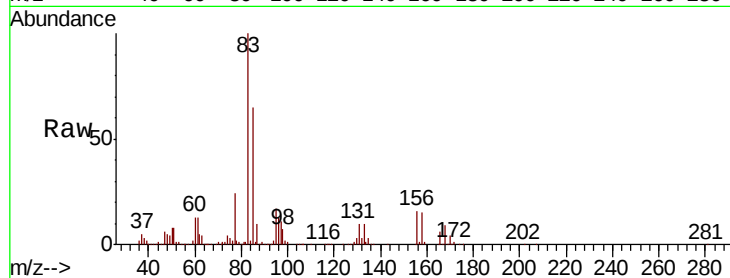
83 100

131 11.5 5.7 17.1

85 64.7 33.0 98.9

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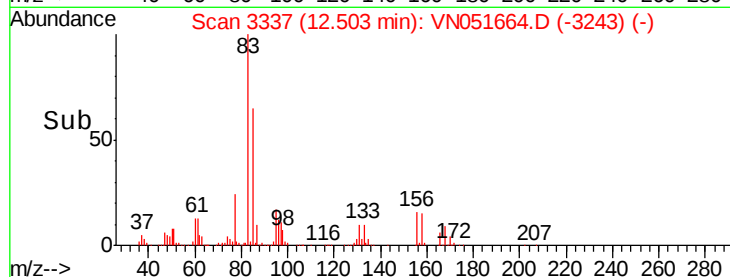


Abundance Ion 82.90 (82.60 to 83.60): VN051664.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051664.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051664.D (-3243) (-)

Time-->

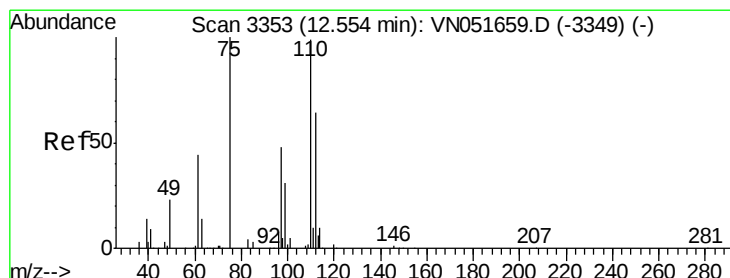


Abundance Ion 82.90 (82.60 to 83.60): VN051664.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051664.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051664.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.379 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051664.D

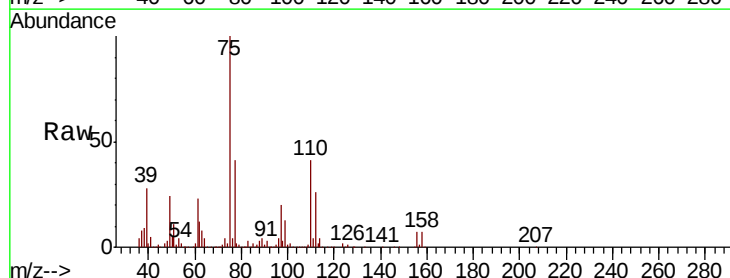
Acq: 4 Oct 2018 14:01

Tgt Ion: 75 Resp: 392008

Ion Ratio Lower Upper

75 100

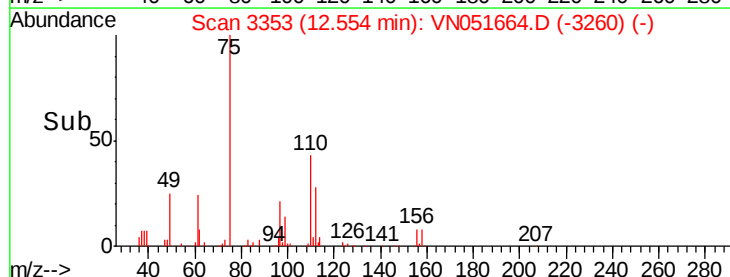
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051664.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051664.D (-3260) (-)

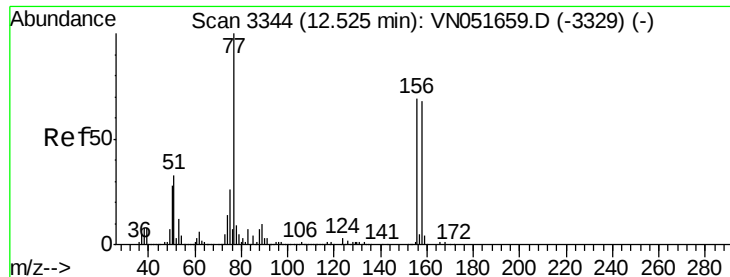
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN051664.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051664.D (-3260) (-)

Time-->



#77

Bromobenzene

Concen: 45.580 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

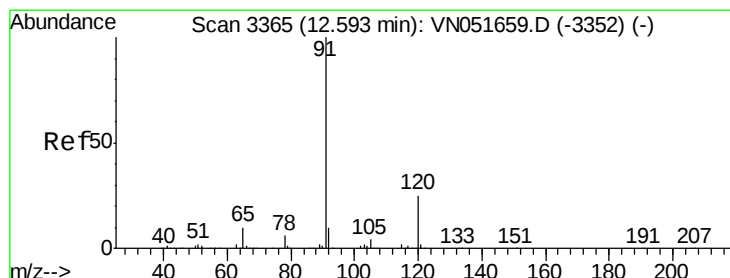
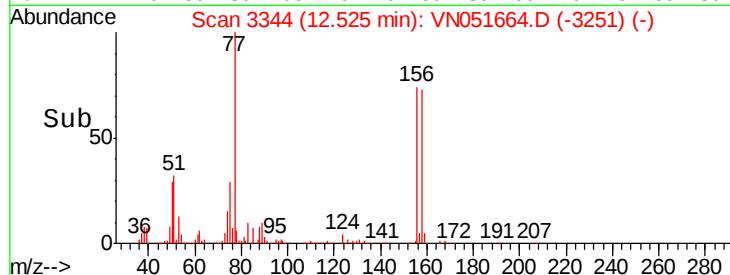
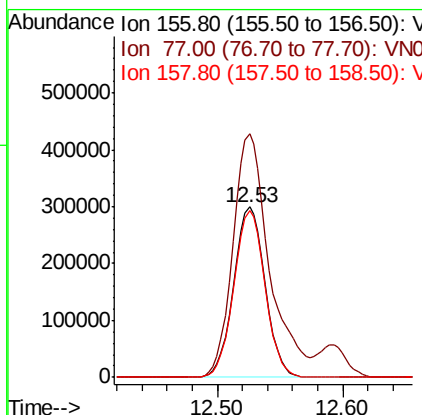
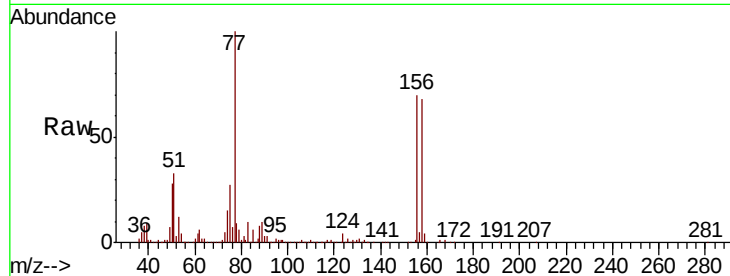
ClientSampled :

ICVVN100418

Tot Ion	Ratio	Lower	Upper
156	100		
77	166.2	83.2	249.4
158	97.5	49.0	147.2

Manual Integrations
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#78

n-propylbenzene

Concen: 47.362 ug/l

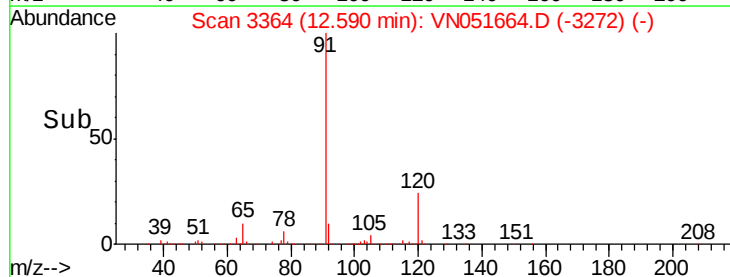
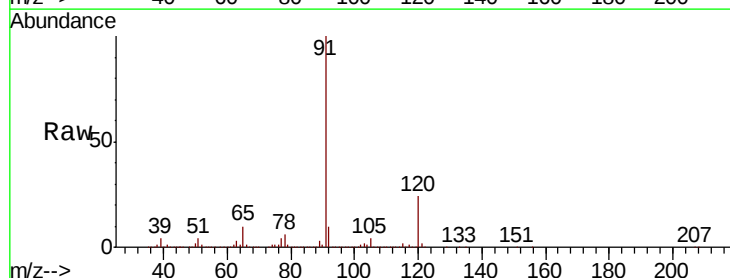
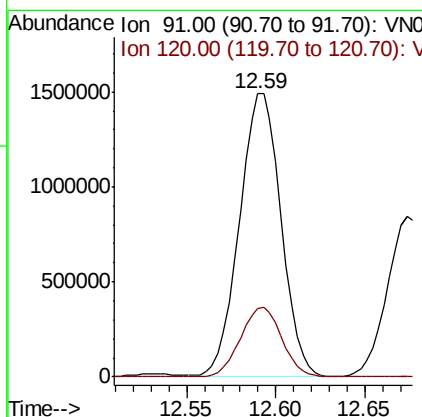
RT: 12.59 min Scan# 3364

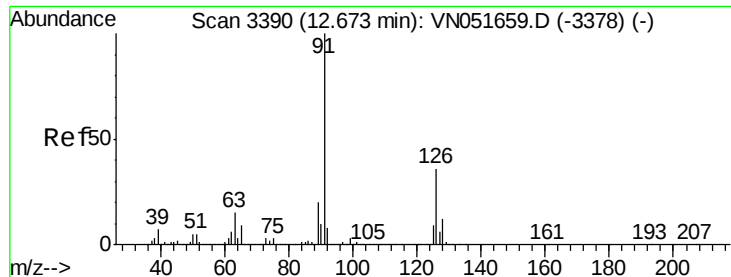
Delta R.T. -0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.2





#79

2-Chlorotoluene

Concen: 46.611 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 91 Resp: 1396744

Ion Ratio Lower Upper

91 100

126 37.4

18.5

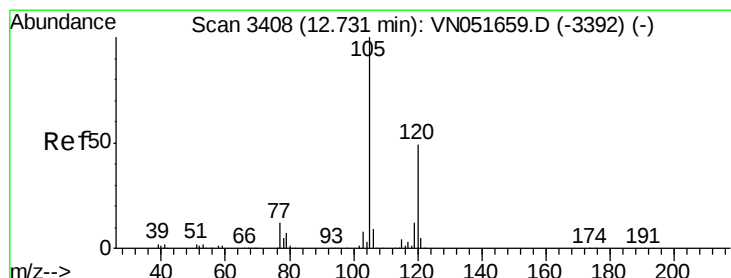
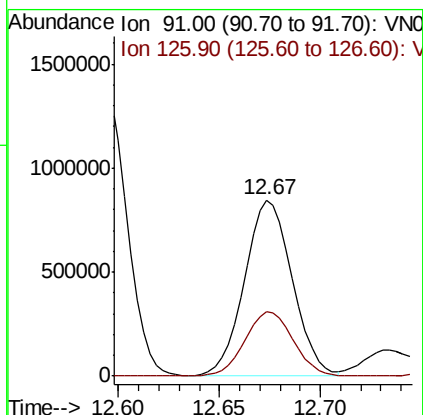
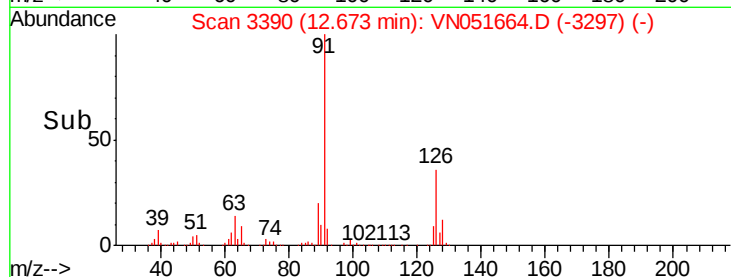
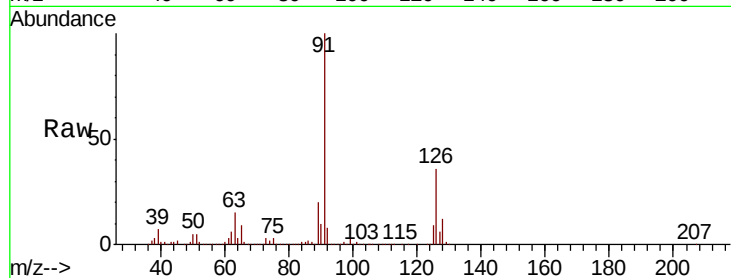
55.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.200 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion: 105 Resp: 1854273

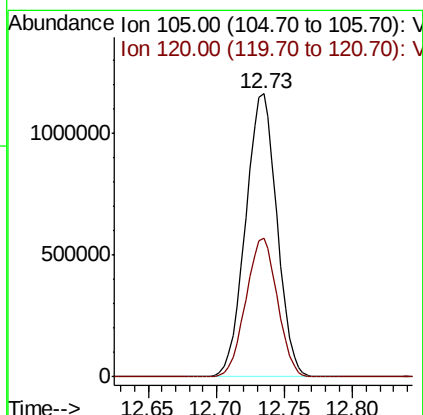
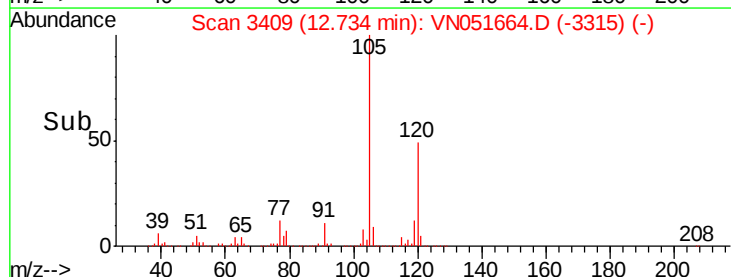
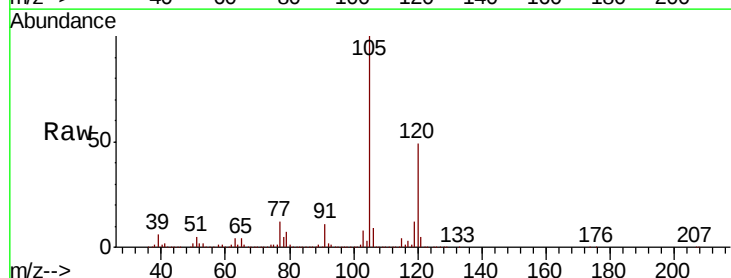
Ion Ratio Lower Upper

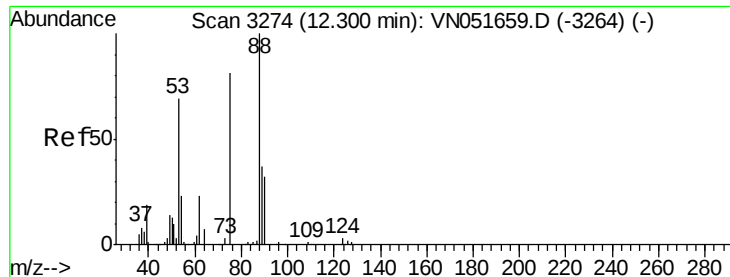
105 100

120 49.2

24.6

74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.554 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100418

Tot Ion: 75 Resp: 141472

Ion Ratio Lower Upper

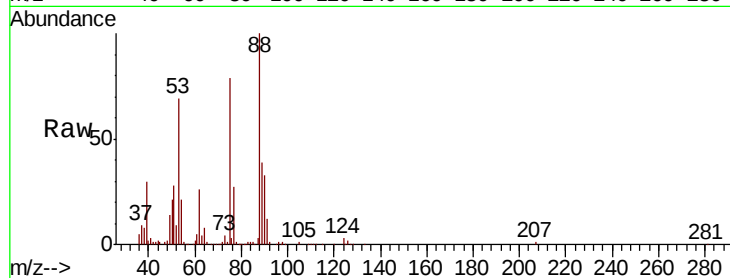
75 100

53 84.7 68.6 102.8

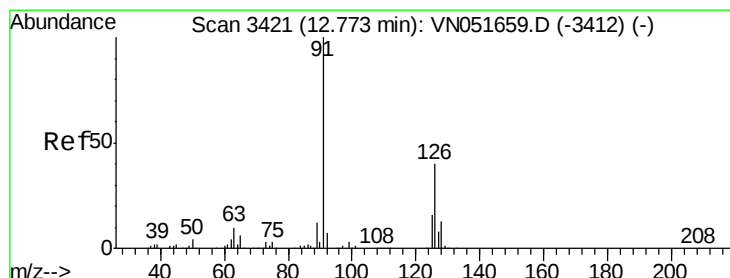
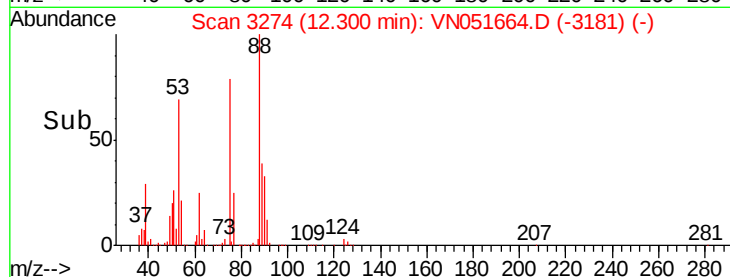
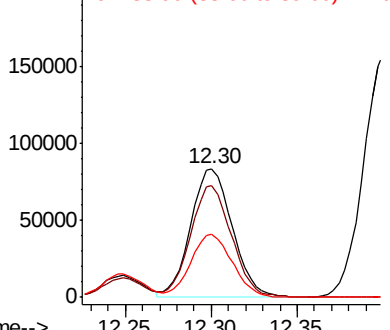
89 49.0 39.4 59.2

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Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 48.232 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051664.D

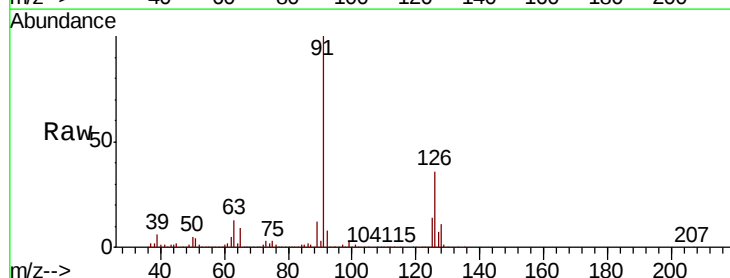
Acq: 4 Oct 2018 14:01

Tgt Ion: 91 Resp: 1451922

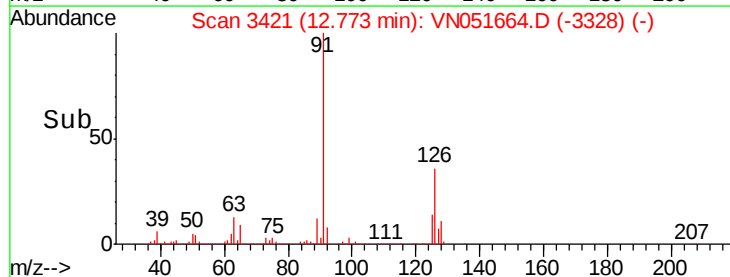
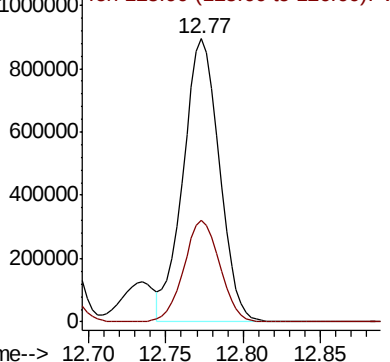
Ion Ratio Lower Upper

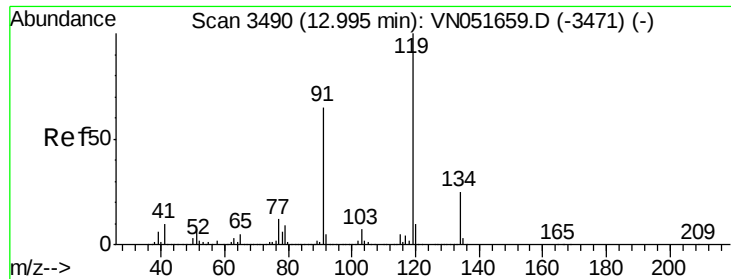
91 100

126 35.7 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V





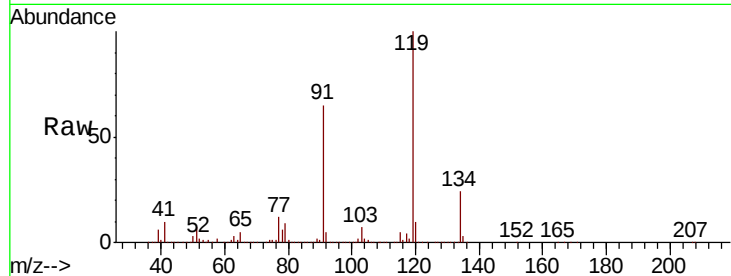
#83
tert-Butylbenzene
Concen: 46.984 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

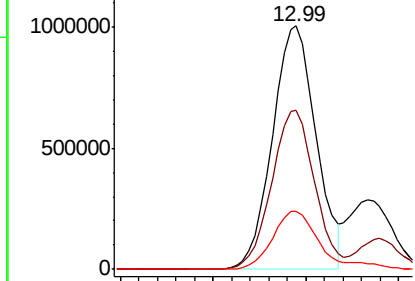
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.1	96.5
134	26.0	13.3	39.9

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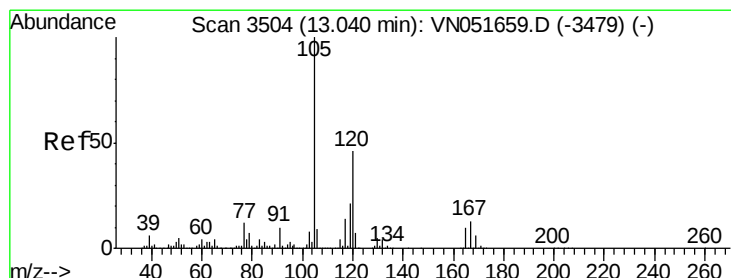
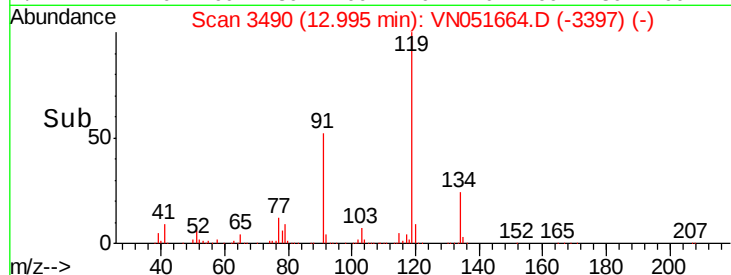
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

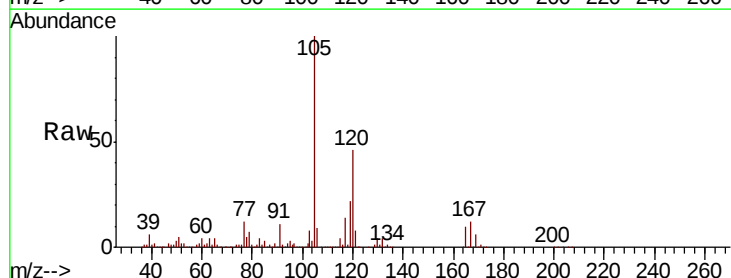


Time--> 12.90 12.95 13.00

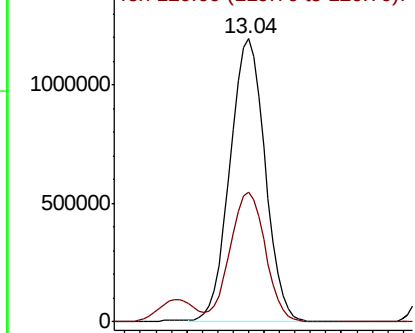


#84
1,2,4-Trimethylbenzene
Concen: 47.723 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

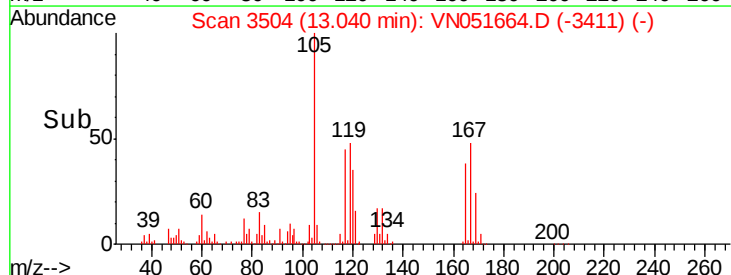
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.7

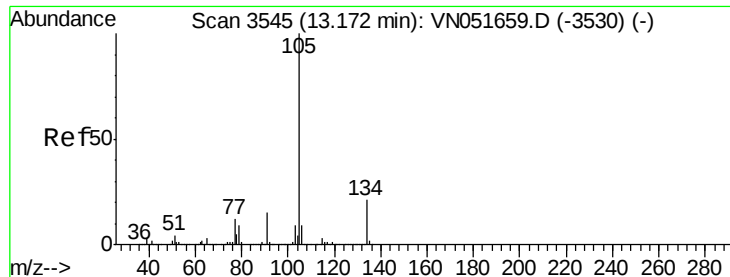


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.05 13.10





#85

sec-Butylbenzene

Concen: 47.914 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

ICVFN100418

Tot Ion:105 Resp: 2231034

Ion Ratio Lower Upper

105 100

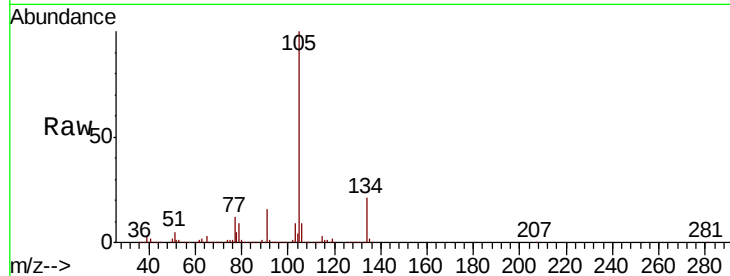
134 20.9 10.5 31.6

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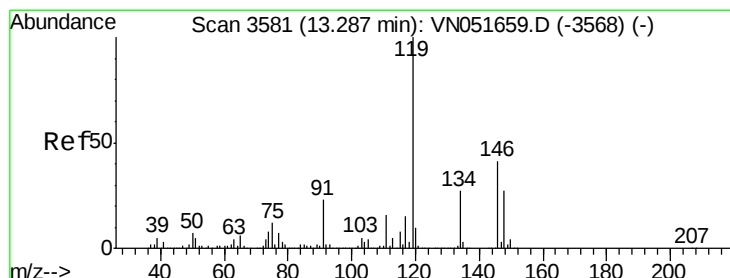
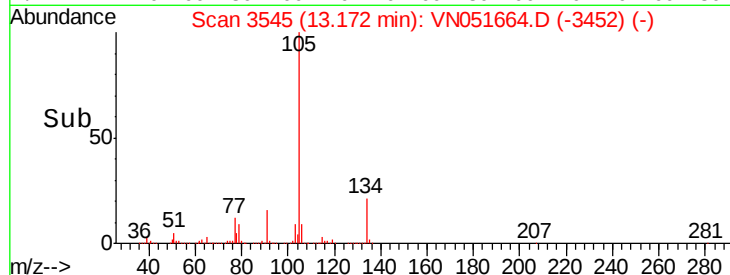
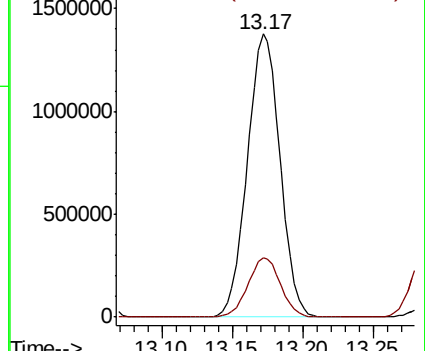
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.029 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

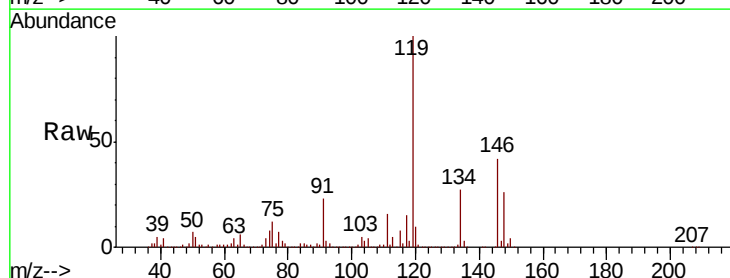
Tgt Ion:119 Resp: 2023892

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

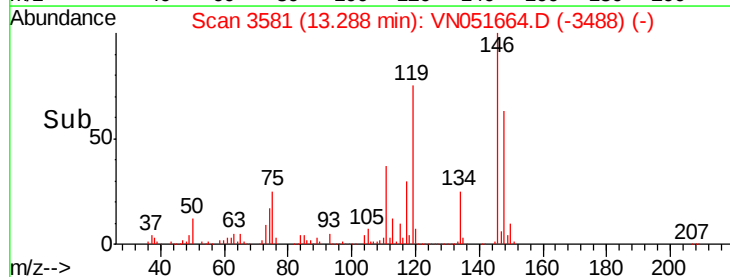
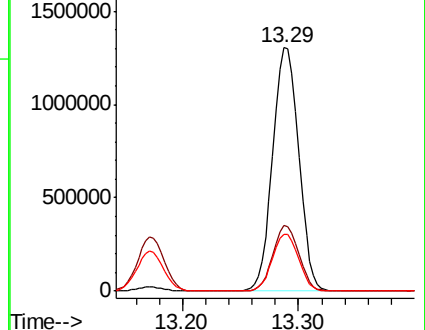
91 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





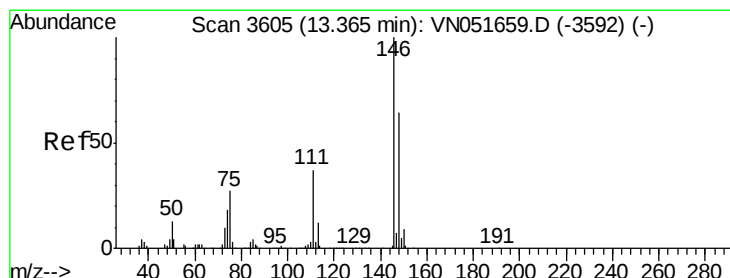
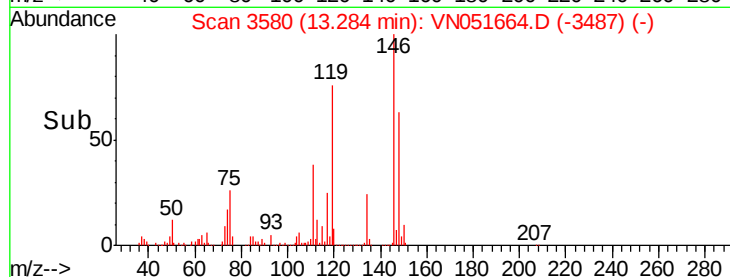
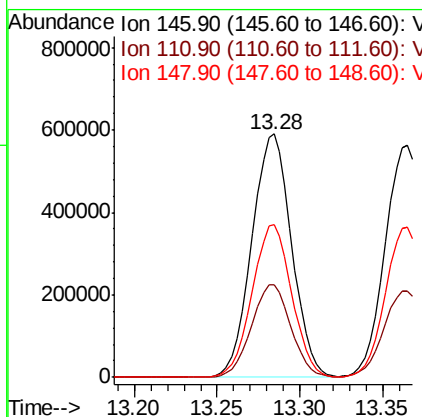
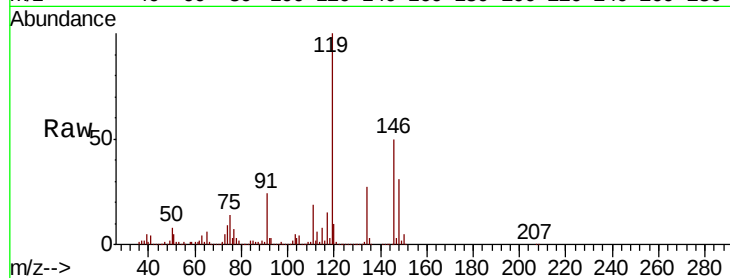
#87
 1,3-Dichlorobenzene
 Concen: 49.793 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	62.5	32.5	97.5

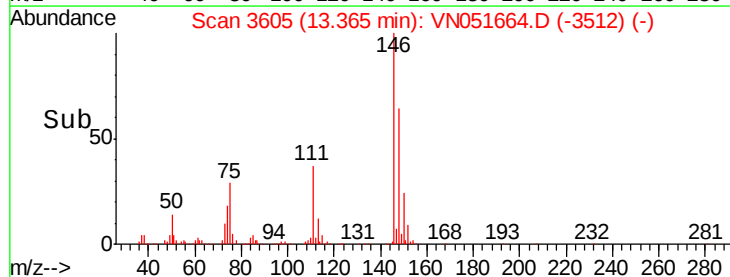
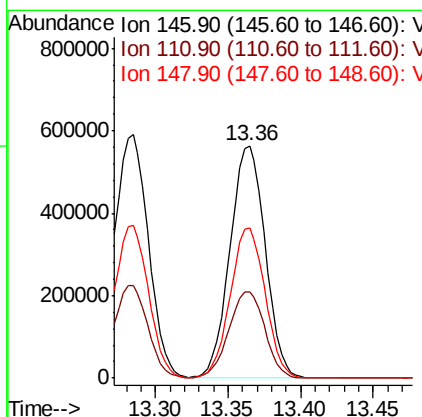
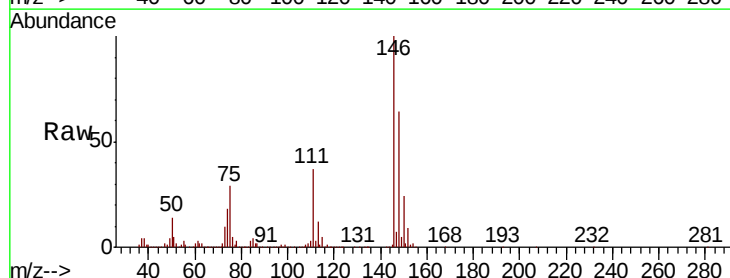
Manual Integrations
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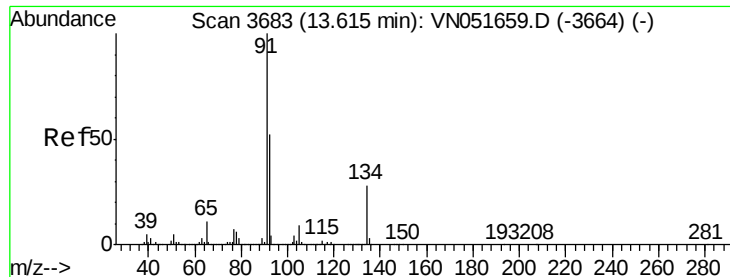
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 10/8/2018 1:53:11 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.609 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	63.9	32.3	96.8





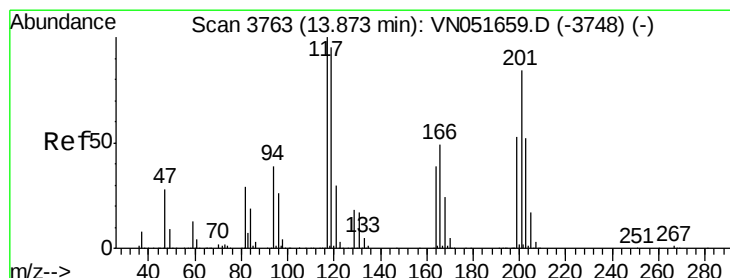
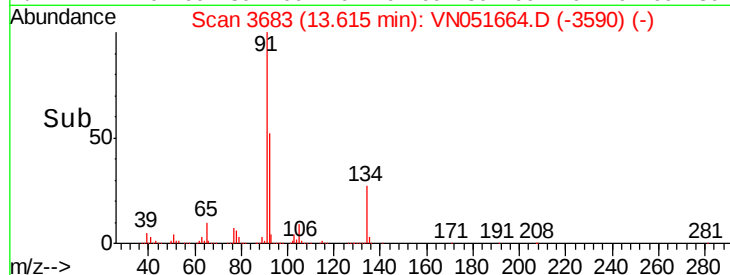
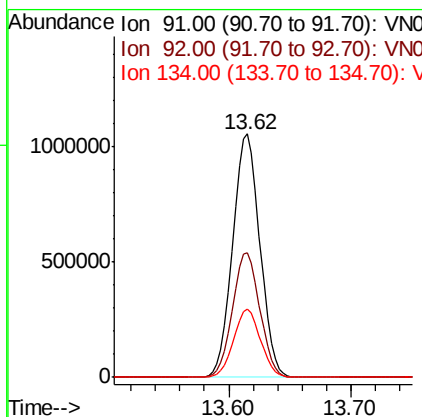
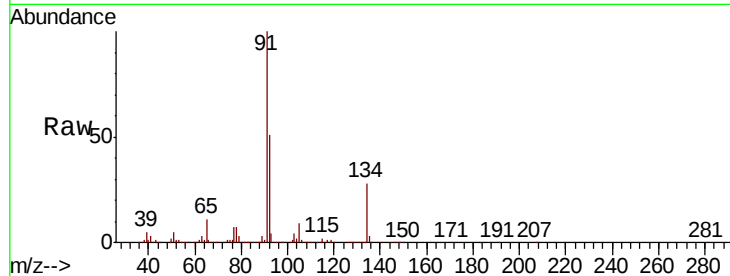
#89
n-Butylbenzene
Concen: 50.076 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVFN100418

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.7	14.2	42.6

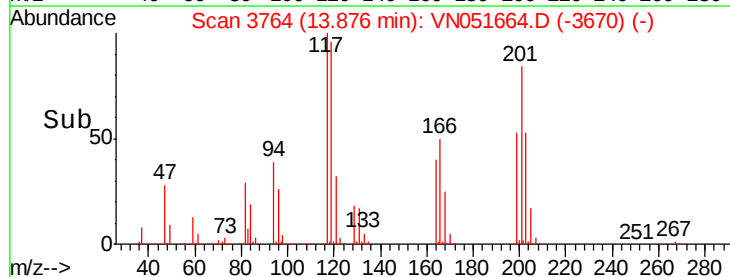
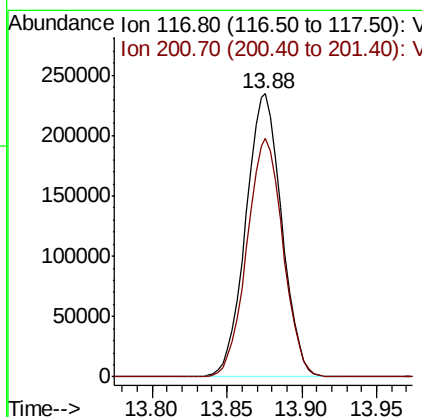
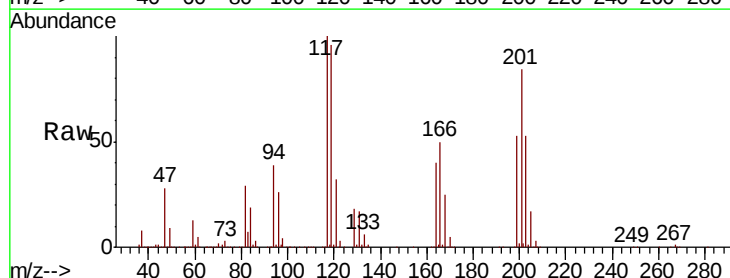
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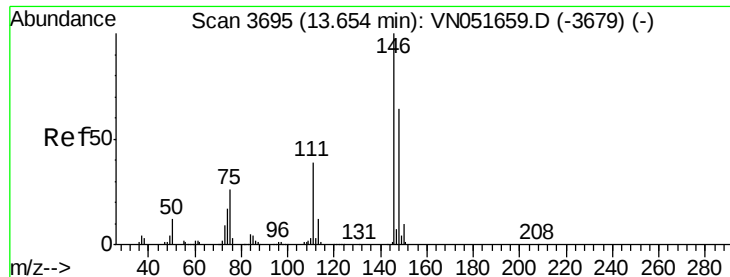
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#90
Hexachloroethane
Concen: 47.530 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 47.646 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Instrument :

MSVOA_N

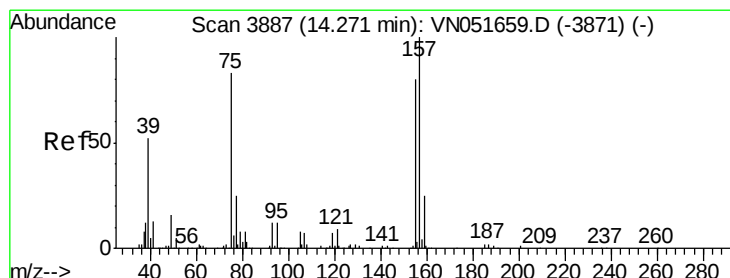
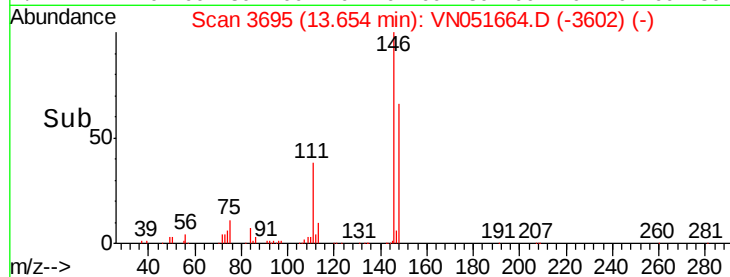
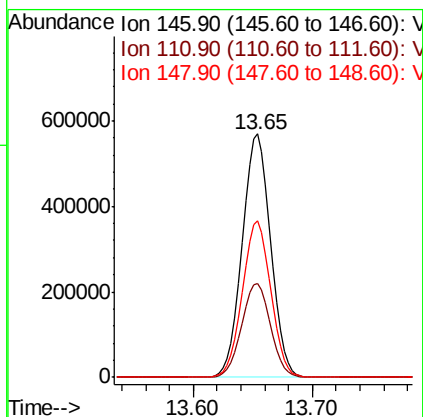
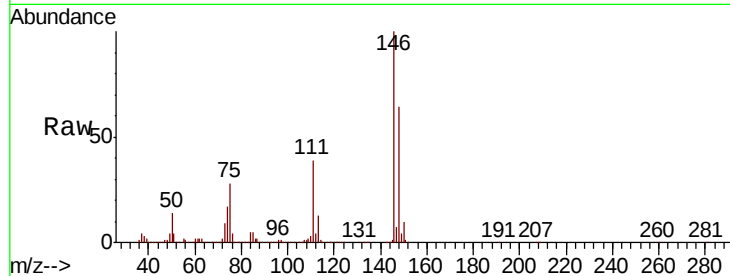
ClientSampleId :

ICVVN100418

Tot Ion:	146	Resp:	940750
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.0
148	64.3	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.996 ug/l

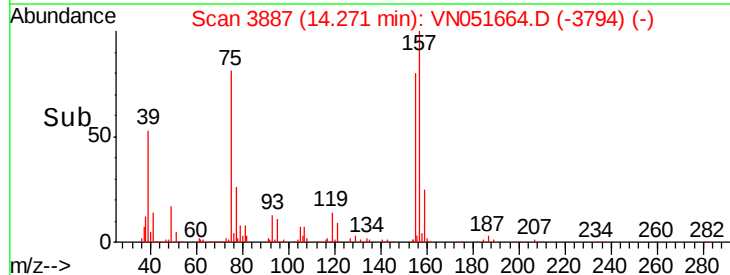
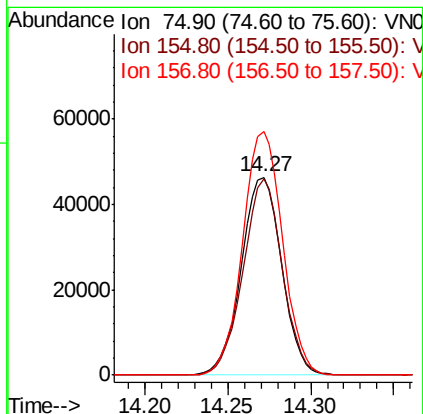
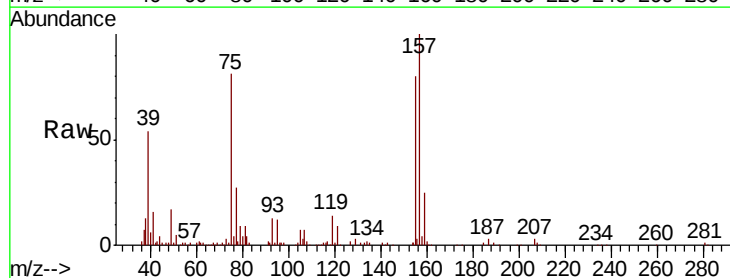
RT: 14.27 min Scan# 3887

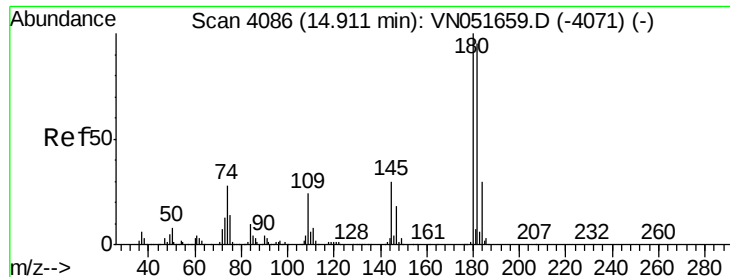
Delta R.T. 0.00 min

Lab File: VN051664.D

Acq: 4 Oct 2018 14:01

Tgt Ion:	75	Resp:	78597
Ion Ratio	Lower	Upper	
75	100		
155	96.0	47.6	142.9
157	121.6	61.7	185.1





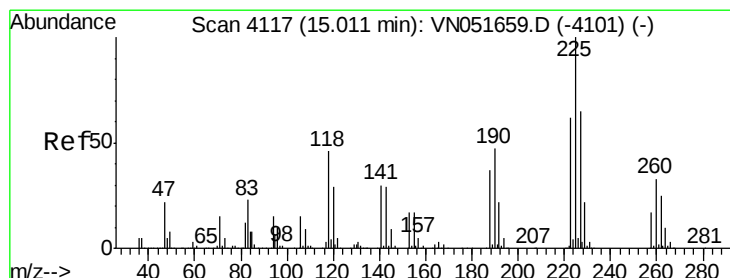
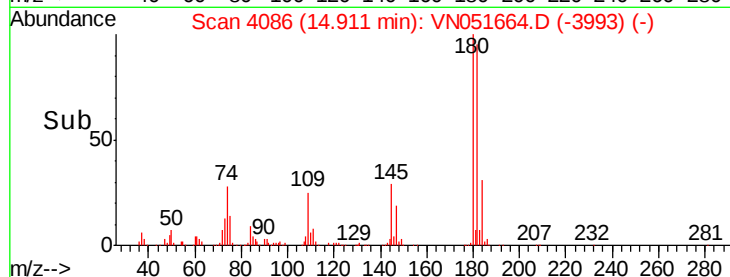
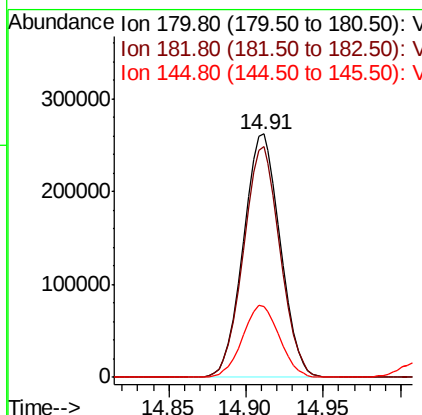
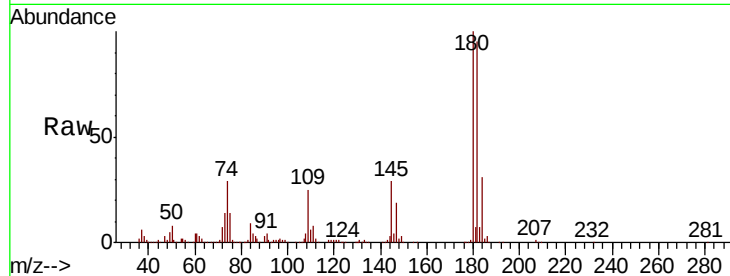
#93
 1,2,4-Trichlorobenzene
 Concen: 49.528 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100418

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	47.7	143.1	
145	29.6	15.3	45.9	

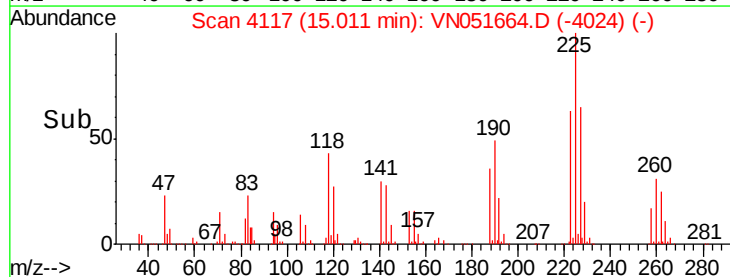
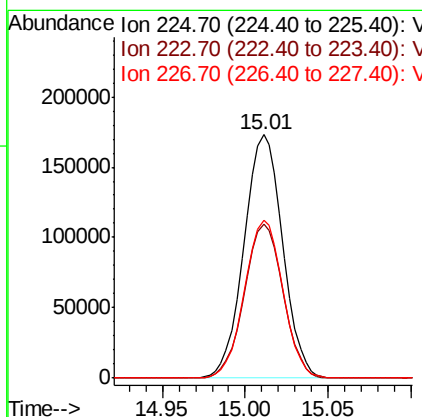
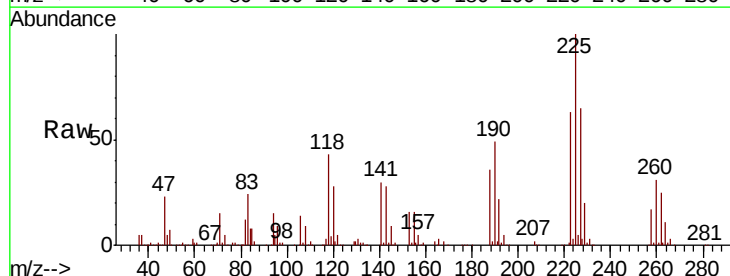
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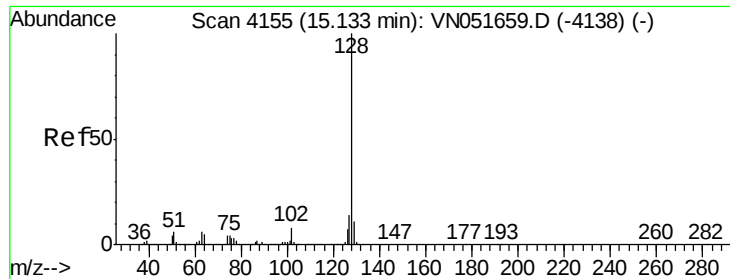
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#94
 Hexachlorobutadiene
 Concen: 47.157 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051664.D
 Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.9	95.5	
227	64.6	31.7	95.1	





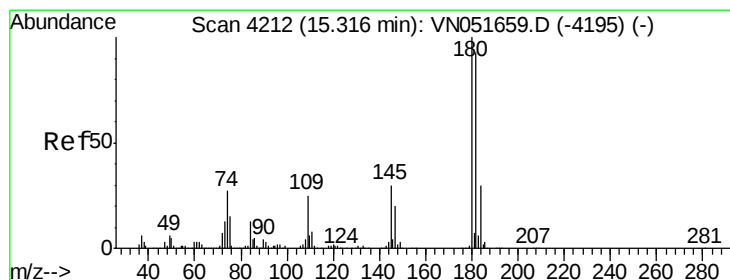
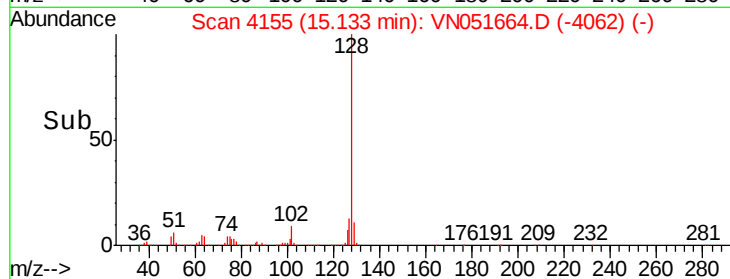
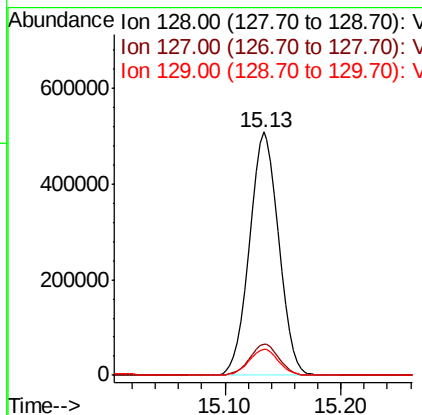
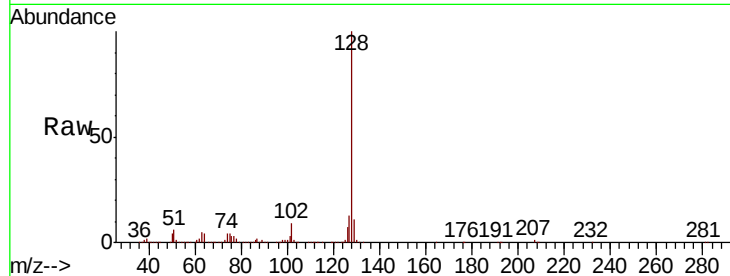
#95
Naphthalene
Concen: 47.282 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100418

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.801 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051664.D
Acq: 4 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	31.1	15.6	46.8

