

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049548.D
 Acq On : 26 Jun 2018 13:10
 Operator : MD\SY
 Sample : VN0626WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 5:29:44 PM

Quant Time: Jun 26 15:15:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1672447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2551777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2246150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1176592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	1064015	47.97	ug/l	0.00
Spiked Amount						
			Recovery	=	95.94%	
35) Dibromofluoromethane	7.59	113	939053	45.49	ug/l	0.00
Spiked Amount						
			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	3635591	46.25	ug/l	0.00
Spiked Amount						
			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.40	95	1244135	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	300099	15.59	ug/l	99
3) Chloromethane	2.05	50	381565	15.35	ug/l	98
4) Vinyl Chloride	2.18	62	433086	16.39	ug/l	98
5) Bromomethane	2.57	94	207102	14.91	ug/l	98
6) Chloroethane	2.70	64	270279	17.16	ug/l	99
7) Trichlorofluoromethane	3.02	101	506339	15.36	ug/l	100
8) Diethyl Ether	3.40	74	213030	18.51	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	389568	18.64	ug/l	93
10) Methyl Iodide	3.95	142	399266	18.35	ug/l	91
11) Tert butyl alcohol	4.78	59	121066	92.99	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	341171	17.79	ug/l	93
13) Acrolein	3.60	56	105188	77.04	ug/l	96
14) Allyl chloride	4.32	41	448877	14.82	ug/l	89
15) Acrylonitrile	4.99	53	584029	89.71	ug/l	99
16) Acetone	3.82	43	436338	81.01	ug/l	93
17) Carbon Disulfide	4.05	76	950251	15.81	ug/l	98
18) Methyl Acetate	4.32	43	630680	38.40	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	967864	19.80	ug/l	97
20) Methylene Chloride	4.54	84	398158	17.70	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	373940	18.42	ug/l	93
22) Diisopropyl ether	5.95	45	1184570	19.59	ug/l	97
23) Vinyl Acetate	5.89	43	3717958	94.32	ug/l	95
24) 1,1-Dichloroethane	5.85	63	723438	18.69	ug/l	99
25) 2-Butanone	6.84	43	618562	85.53	ug/l	96
26) 2,2-Dichloropropane	6.82	77	600869	19.23	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	432964	19.18	ug/l	92
28) Bromochloromethane	7.19	49	319764	18.64	ug/l	85
29) Tetrahydrofuran	7.21	42	430808	92.54	ug/l	93
30) Chloroform	7.37	83	733818	19.05	ug/l	99
31) Cyclohexane	7.65	56	646693	19.60	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	630193	19.18	ug/l	96
36) 1,1-Dichloropropene	7.79	75	546517	18.69	ug/l	97
37) Ethyl Acetate	6.93	43	304513	19.15	ug/l	96
38) Carbon Tetrachloride	7.77	117	523538	17.29	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	601385	19.16	ug/l	95
40) Benzene	8.04	78	1653526	18.44	ug/l	99
41) Methacrylonitrile	7.17	41	161448	18.78	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	516243	18.64	ug/l	97
43) Isopropyl Acetate	8.17	43	1416279	46.62	ug/l #	87
44) Trichloroethene	8.83	130	496588	20.97	ug/l	92
45) 1,2-Dichloropropane	9.12	63	443121	18.88	ug/l	98
46) Dibromomethane	9.21	93	248378	18.25	ug/l	91
47) Bromodichloromethane	9.40	83	547730	18.31	ug/l	97
48) Methyl methacrylate	9.20	41	289381	20.23	ug/l	88
49) 1,4-Dioxane	9.20	88	71457	361.92	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1495873	93.95	ug/l	94
52) Toluene	10.16	92	1006824	19.13	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	527233	18.42	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	632835	18.73	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	356296	18.16	ug/l	97
56) Ethyl methacrylate	10.43	69	437308	19.32	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	606641	18.67	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	1118539	144.65	ug/l	94
59) 2-Hexanone	10.75	43	942998	91.87	ug/l	93
60) Dibromochloromethane	10.90	129	382770	17.48	ug/l	100
61) 1,2-Dibromoethane	11.01	107	349923	19.19	ug/l	98
64) Tetrachloroethene	10.63	164	567143	24.64	ug/l	97
65) Chlorobenzene	11.43	112	1114712	19.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	401650	18.45	ug/l	98
67) Ethyl Benzene	11.51	91	1890112	19.69	ug/l	99
68) m/p-Xylenes	11.62	106	1465688	40.69	ug/l	97
69) o-Xylene	11.95	106	701304	20.22	ug/l	96
70) Styrene	11.96	104	1125666	20.57	ug/l	98
71) Bromoform	12.13	173	246116	17.46	ug/l #	99
73) Isopropylbenzene	12.25	105	1821177	17.63	ug/l	97
74) N-amyl acetate	12.07	43	498789	19.71	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	393322	17.03	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	353712m	17.62	ug/l	
77) Bromobenzene	12.53	156	473407	17.35	ug/l	89
78) n-propylbenzene	12.59	91	2130616	18.78	ug/l	98
79) 2-Chlorotoluene	12.67	91	1284010	17.87	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1557570	19.18	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	103862	16.35	ug/l #	72
82) 4-Chlorotoluene	12.77	91	1317018	18.99	ug/l	97
83) tert-Butylbenzene	12.99	119	1300684	18.08	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1597386	19.80	ug/l	98
85) sec-Butylbenzene	13.17	105	1753634	18.32	ug/l	98
86) p-Isopropyltoluene	13.29	119	1555517	19.45	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	856011	19.07	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	840507	18.89	ug/l	100
89) n-Butylbenzene	13.62	91	1288160	20.62	ug/l	97
90) Hexachloroethane	13.88	117	124565	6.76	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	827071	18.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62222	17.30	ug/l	81

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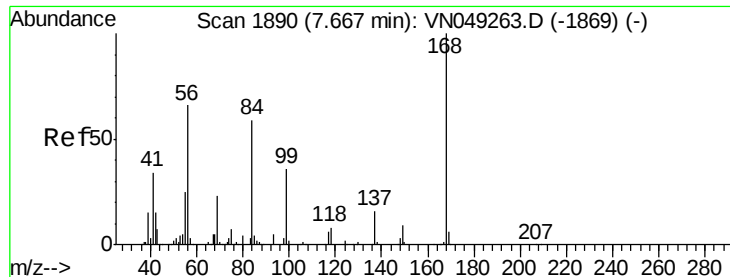
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	466827	25.68	ug/l	99
94) Hexachlorobutadiene	15.01	225	270023	19.30	ug/l	98
95) Naphthalene	15.14	128	986470	29.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	439824	24.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:168 Resp: 1672447

Ion Ratio Lower Upper

168 100

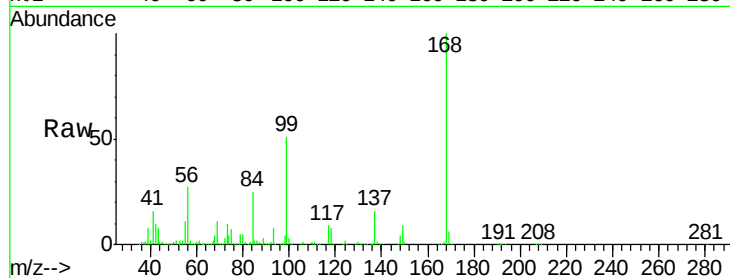
99 50.0 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

800000

600000

400000

200000

0

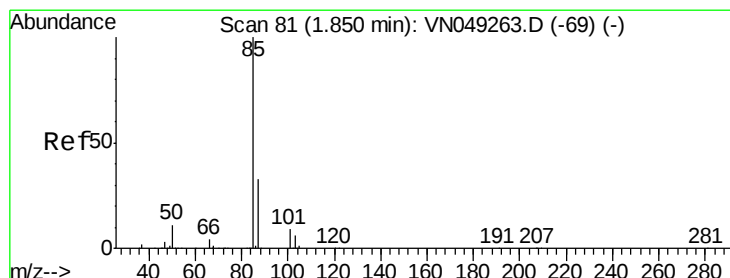
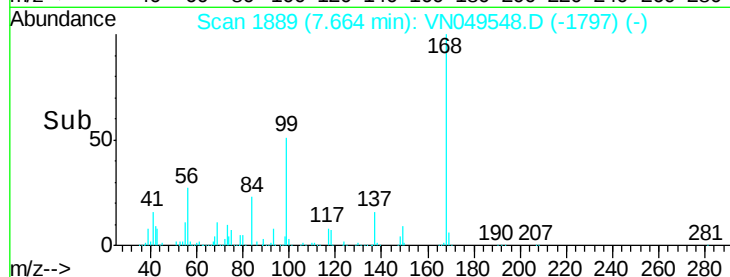
7.66

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.59 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049548.D

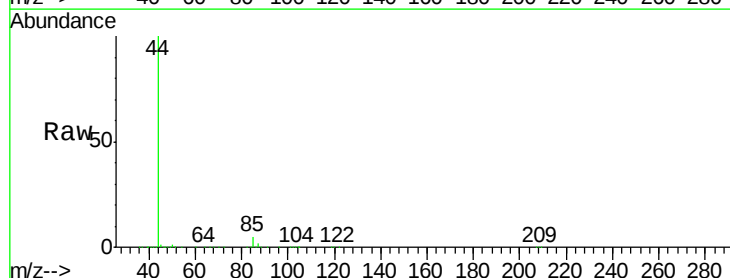
Acq: 26 Jun 2018 13:10

Tgt Ion: 85 Resp: 300099

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

150000

100000

50000

0

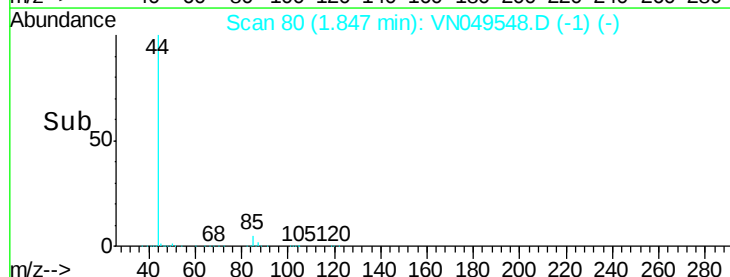
1.85

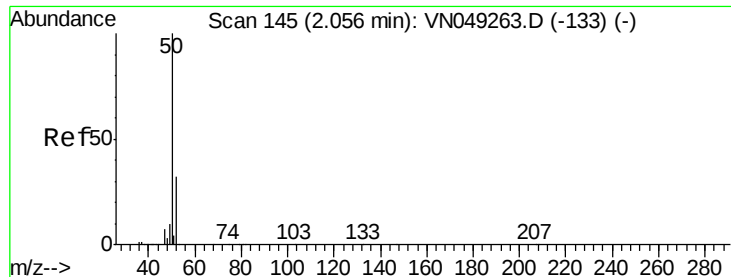
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 15.35 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 50 Resp: 381565

Ion Ratio Lower Upper

50 100

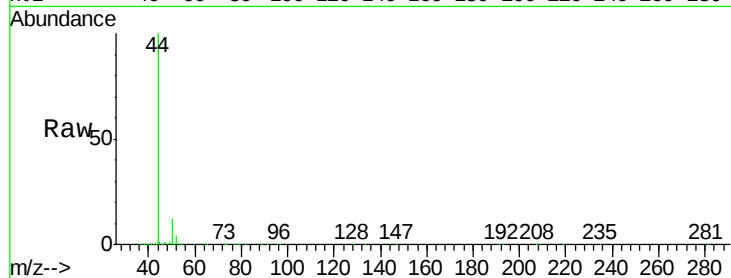
52 32.6 25.2 37.8

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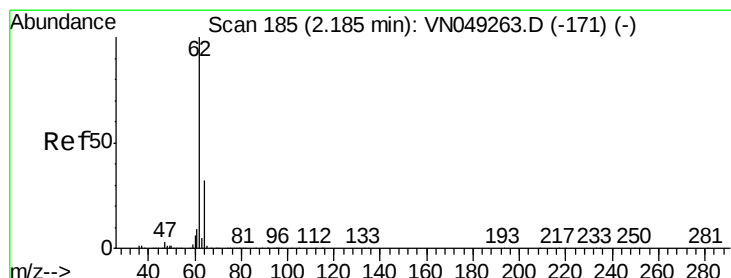
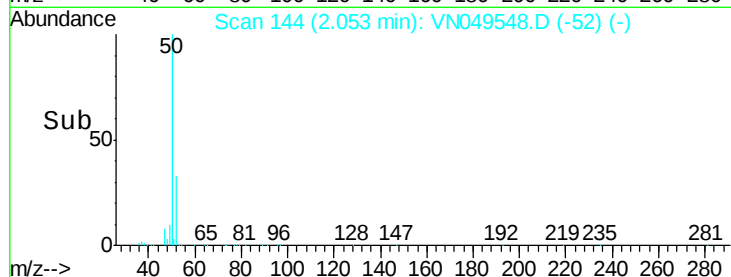
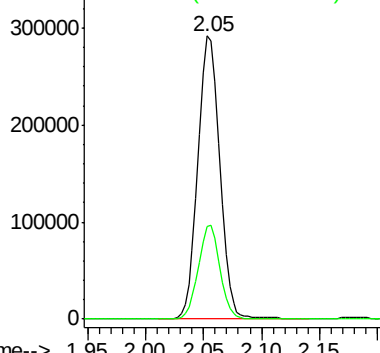
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.39 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049548.D

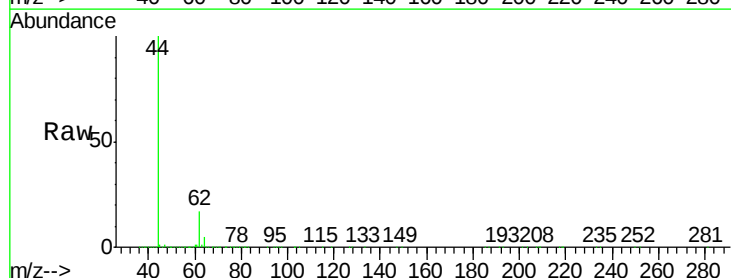
Acq: 26 Jun 2018 13:10

Tgt Ion: 62 Resp: 433086

Ion Ratio Lower Upper

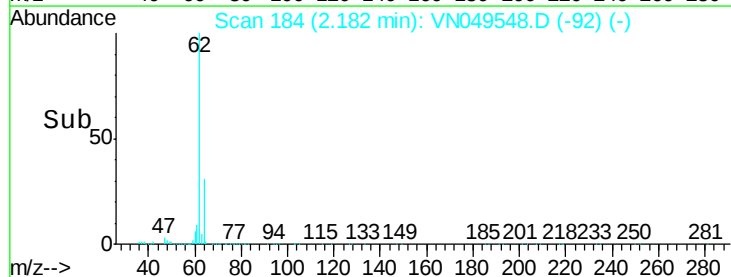
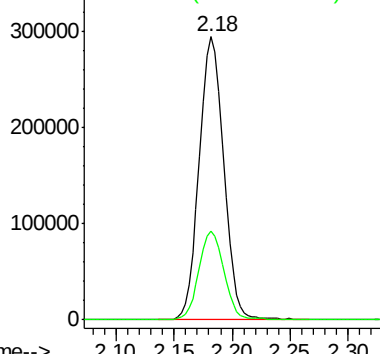
62 100

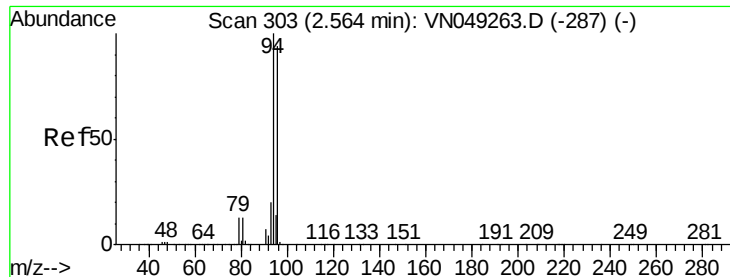
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 14.91 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

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VN0626WBS01

Tot Ion: 94 Resp: 207102

Ion Ratio Lower Upper

94 100

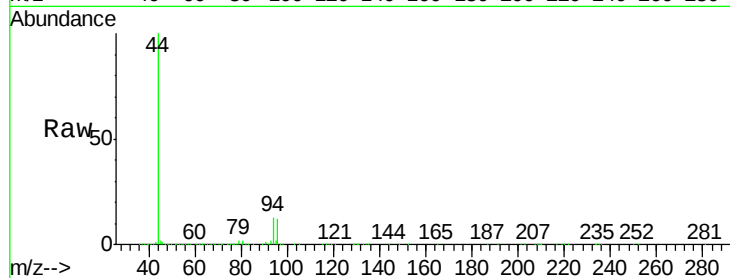
96 93.1 72.8 109.2

Manual Integrations

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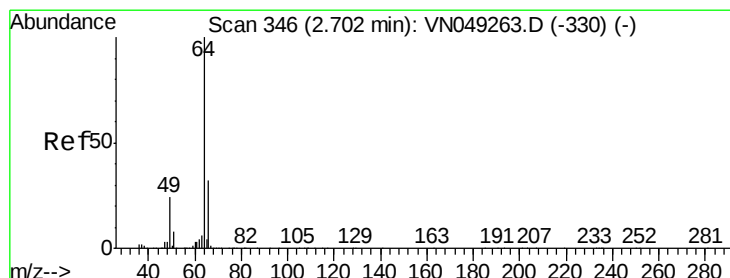
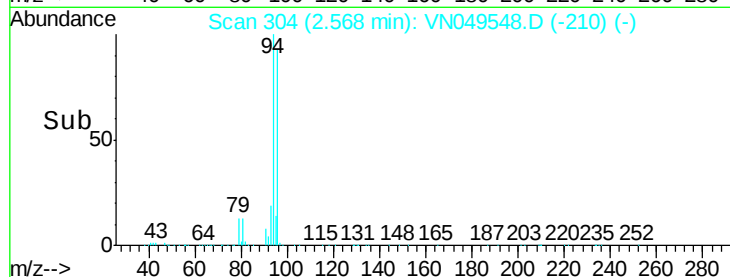
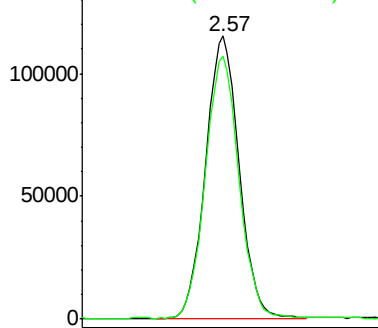
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.16 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049548.D

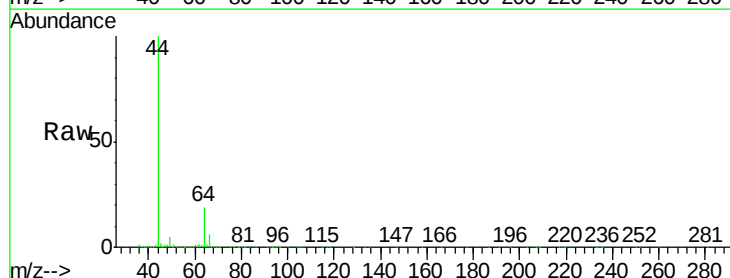
Acq: 26 Jun 2018 13:10

Tgt Ion: 64 Resp: 270279

Ion Ratio Lower Upper

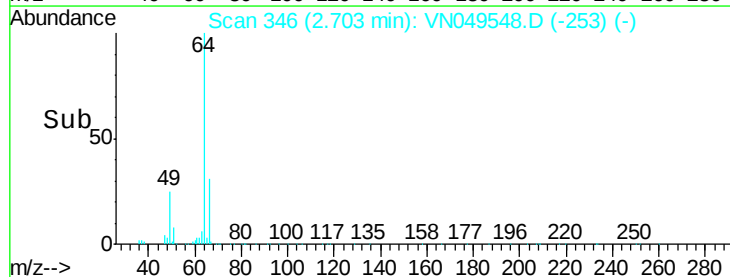
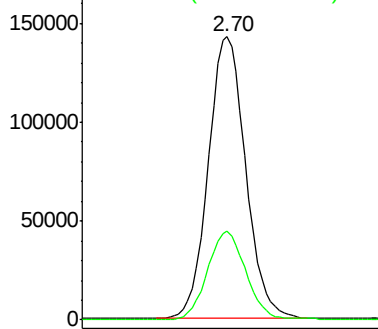
64 100

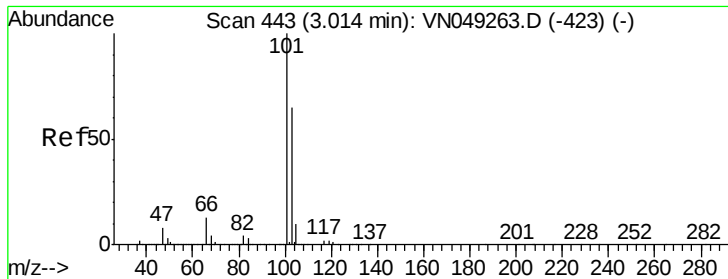
66 31.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

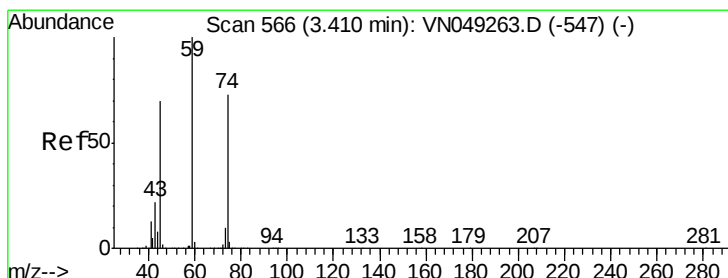
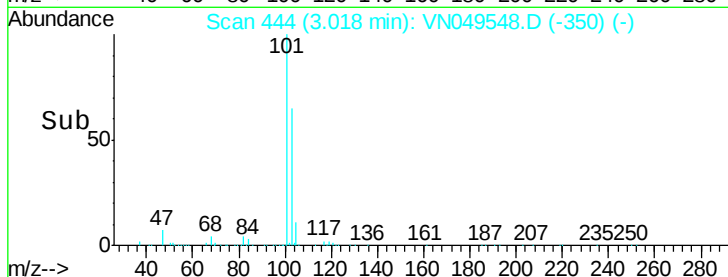
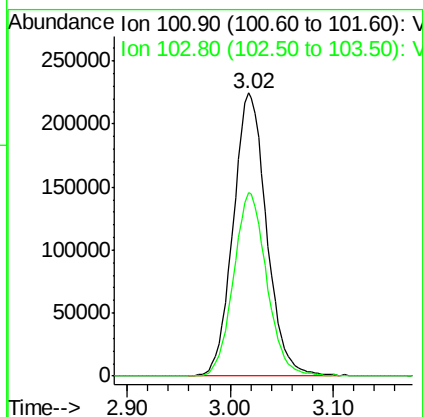
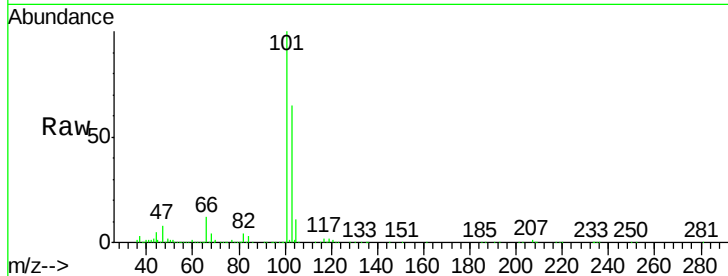
Trichlorofluoromethane
 Concen: 15.36 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.7	77.5

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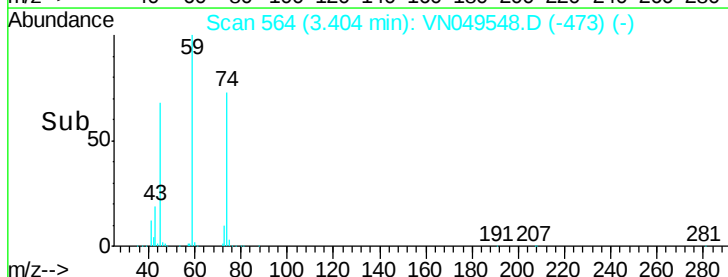
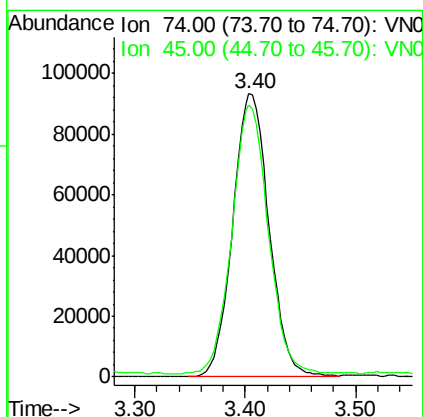
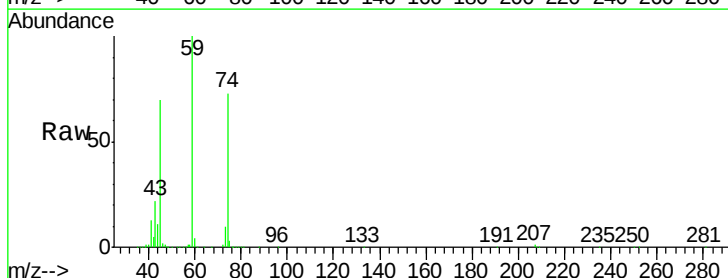
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#8

Diethyl Ether
 Concen: 18.51 ug/l
 RT: 3.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.64 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

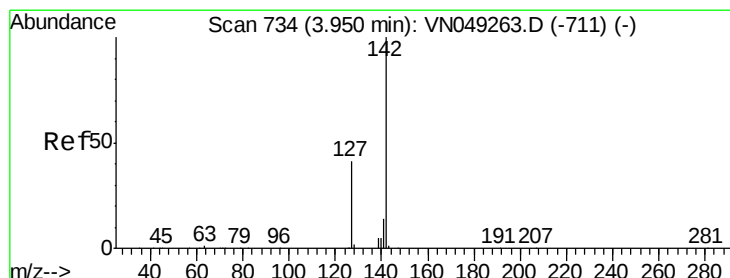
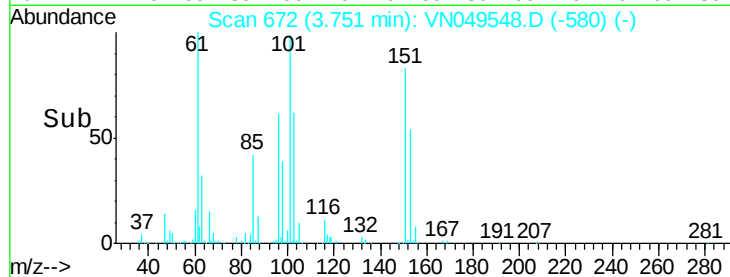
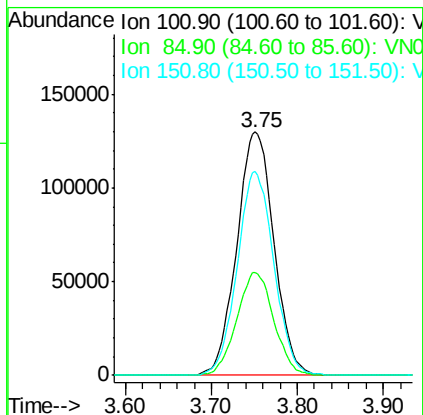
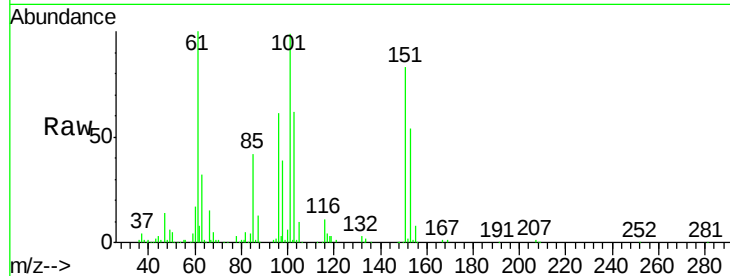
ClientSampleId :

VN0626WBS01

Tot Ion:	101	Resp:	389568
Ion Ratio	Lower	Upper	
101	100		
85	42.1	37.6	56.4
151	82.8	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 18.35 ug/l

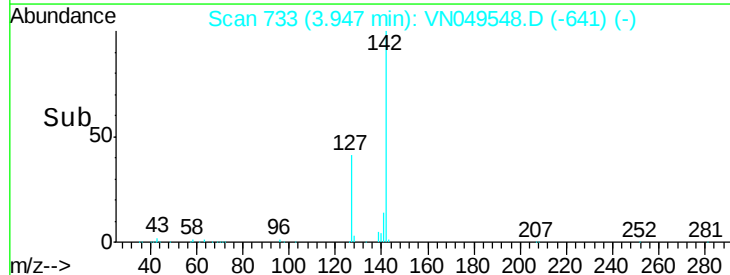
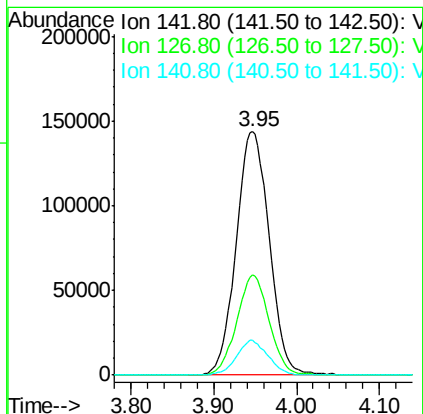
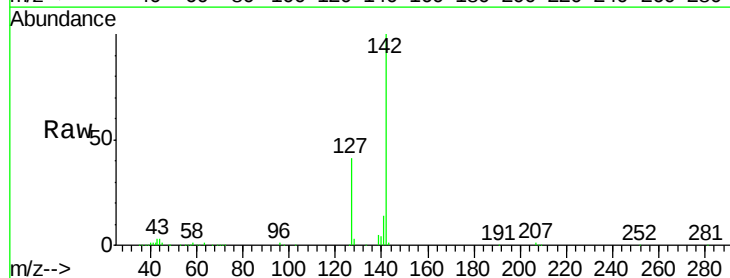
RT: 3.95 min Scan# 733

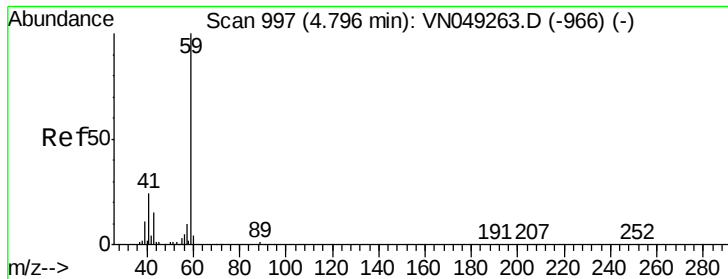
Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	142	Resp:	399266
Ion Ratio	Lower	Upper	
142	100		
127	40.2	38.2	57.4
141	13.6	11.9	17.9





#11

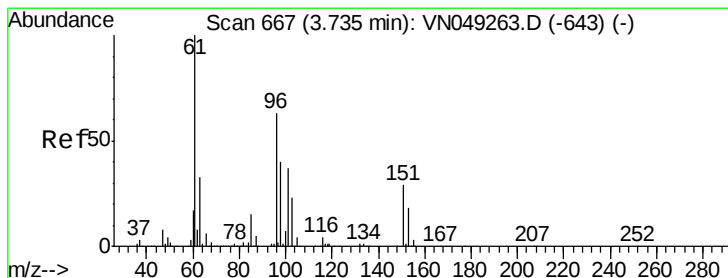
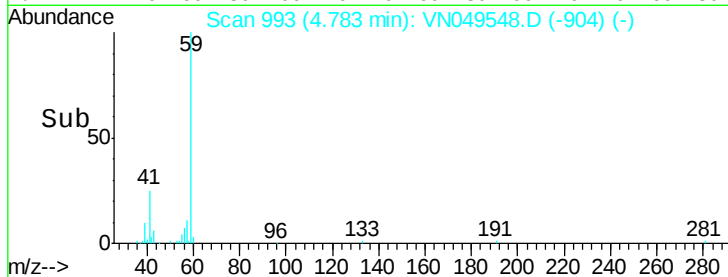
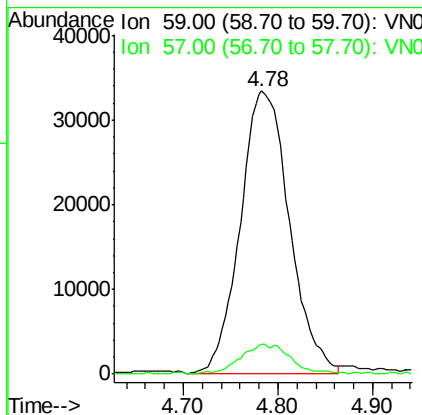
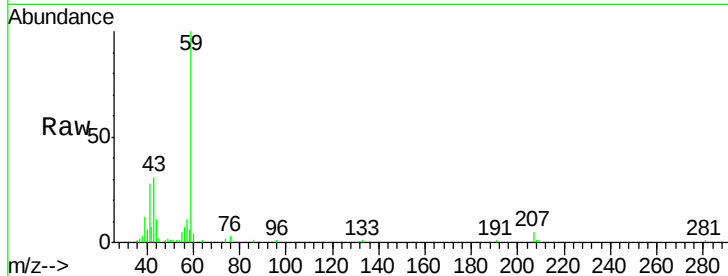
Tert butyl alcohol
 Concen: 92.99 ug/l
 RT: 4.78 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	121066		
57	5.6	9.0	13.6	

Manual Integrations
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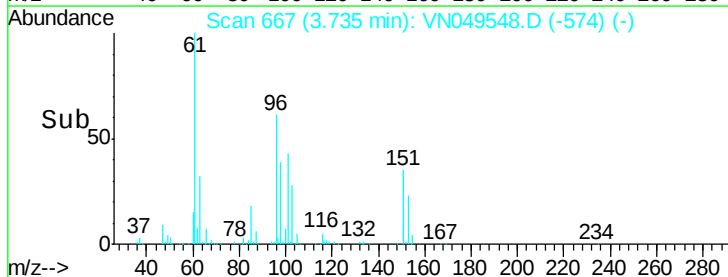
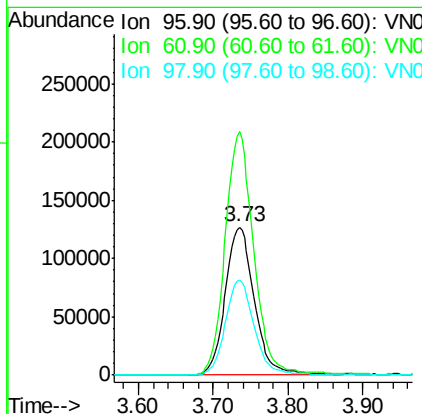
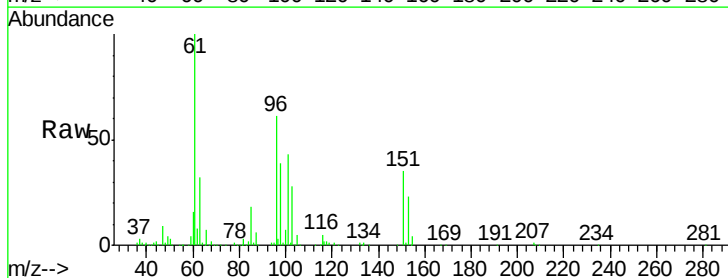
MMDadoda
 6/27/2018 5:29:44 PM

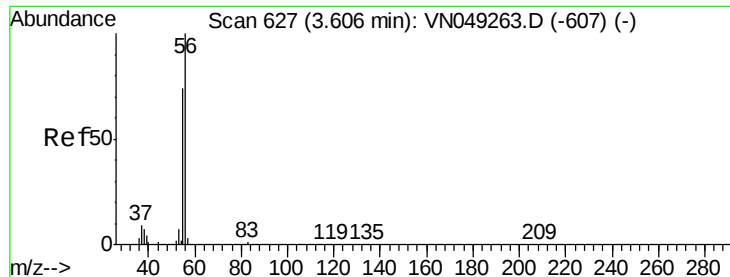


#12

1,1-Dichloroethene
 Concen: 17.79 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	341171		
61	164.6	141.0	211.4	
98	64.4	50.4	75.6	





#13

Acrolein

Concen: 77.04 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 56 Resp: 105188

Ion Ratio Lower Upper

56 100

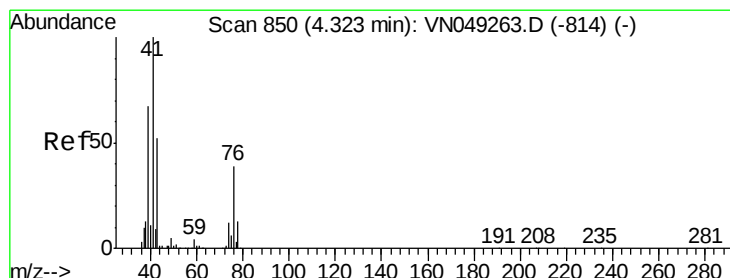
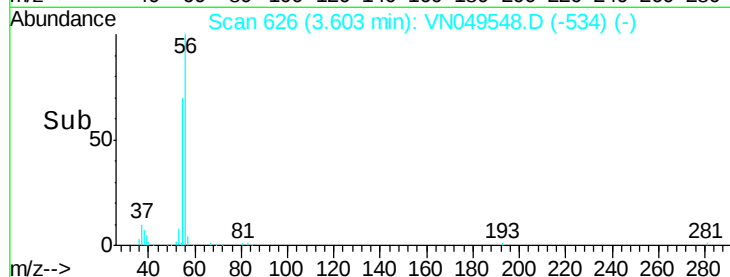
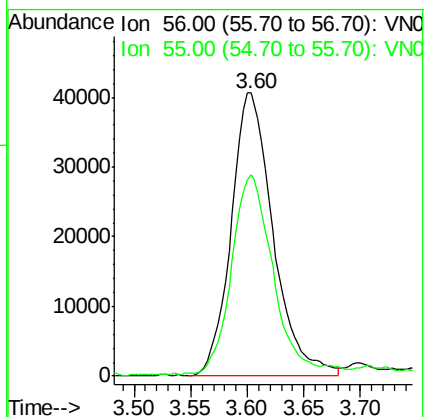
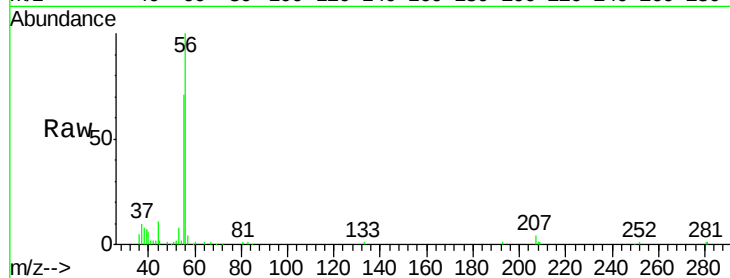
55 68.2 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 14.82 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

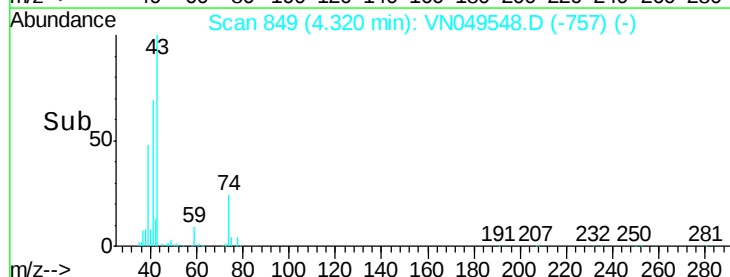
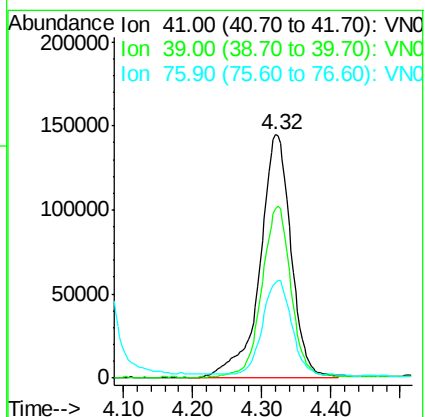
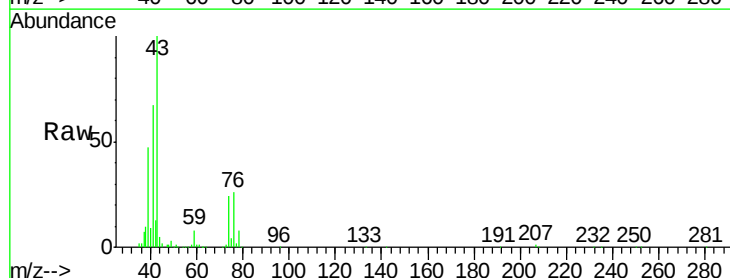
Tgt Ion: 41 Resp: 448877

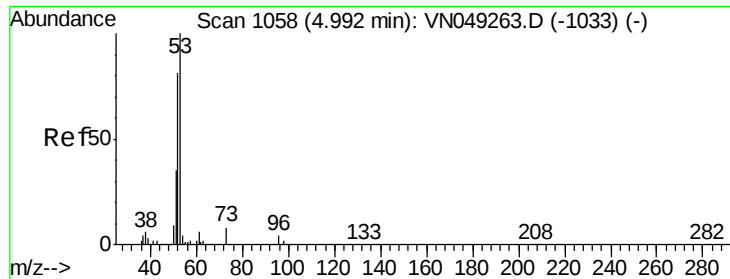
Ion Ratio Lower Upper

41 100

39 65.5 62.5 93.7

76 36.0 27.1 40.7





#15

Acrylonitrile

Concen: 89.71 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

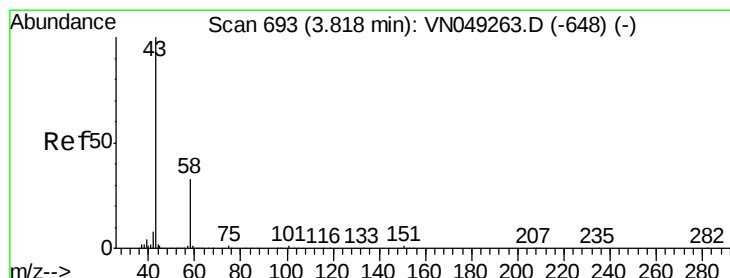
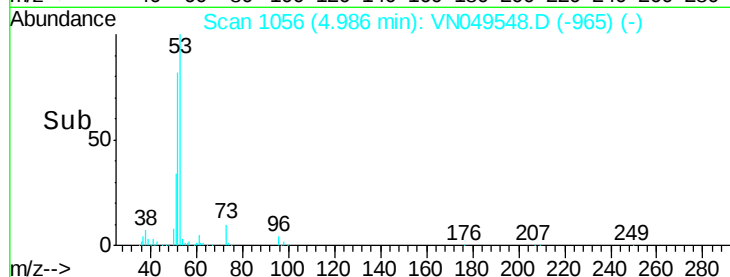
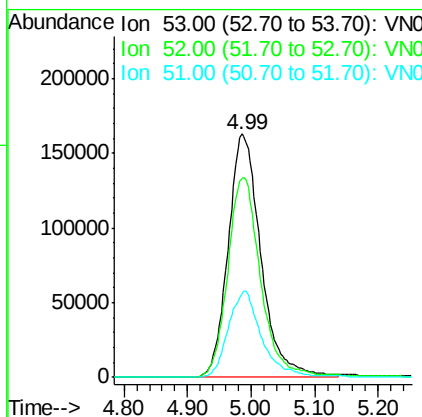
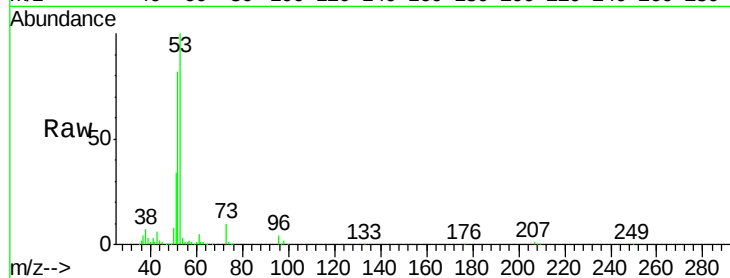
ClientSampled :

VN0626WBS01

Tot Ion:	53	Resp:	584029
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.6	100.0
51	36.2	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 81.01 ug/l

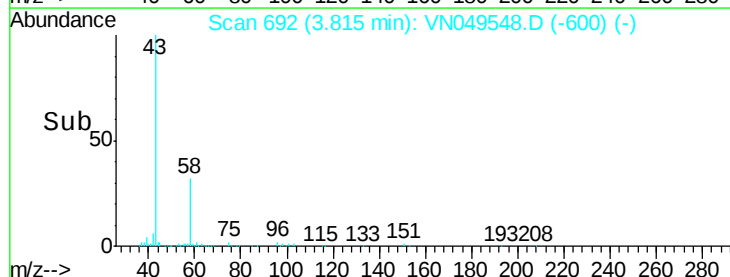
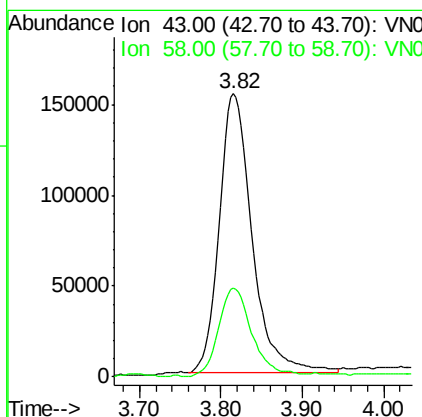
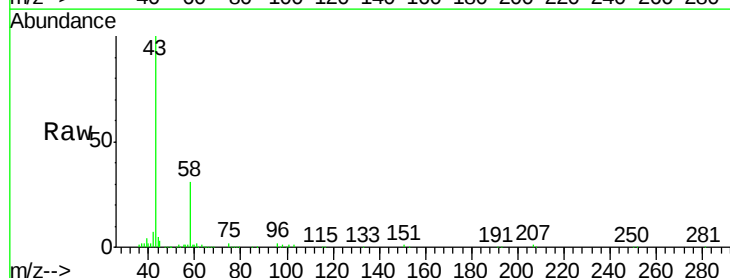
RT: 3.82 min Scan# 692

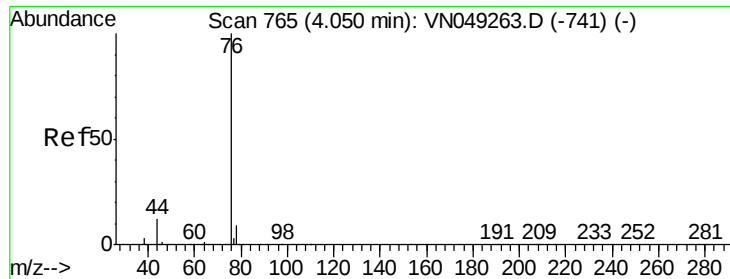
Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	43	Resp:	436338
Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.4	33.6





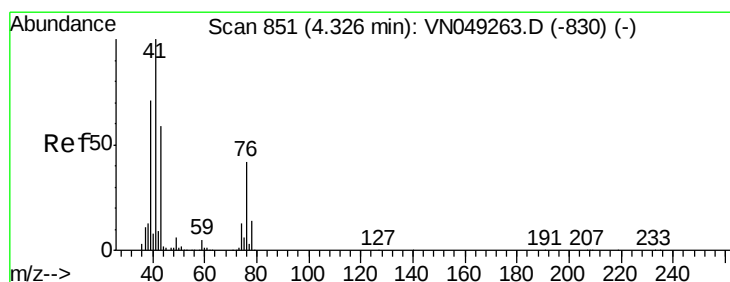
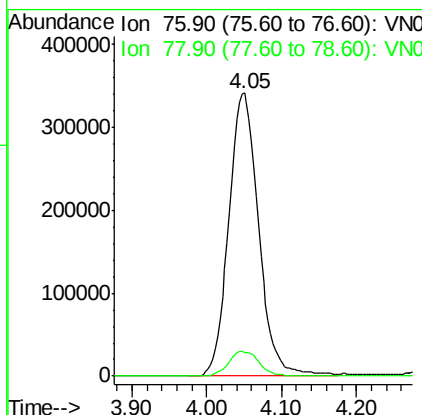
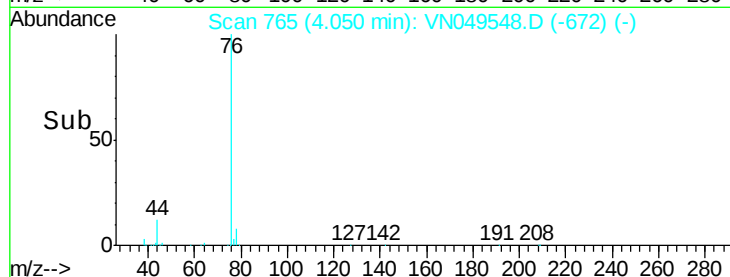
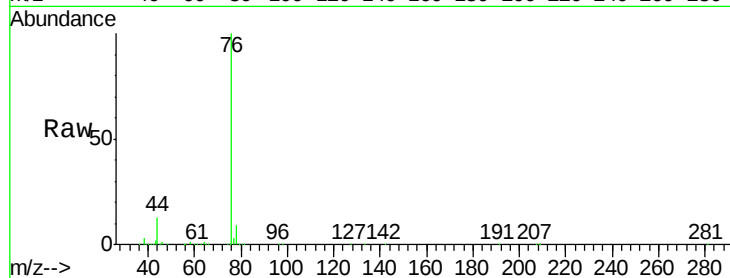
#17
Carbon Disulfide
Concen: 15.81 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

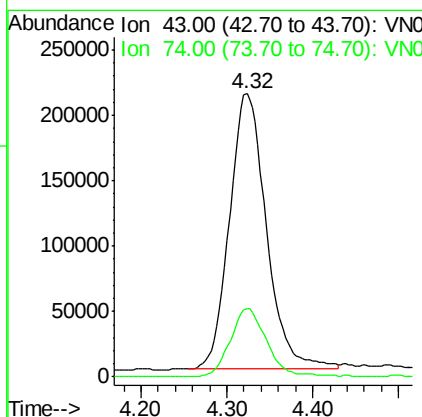
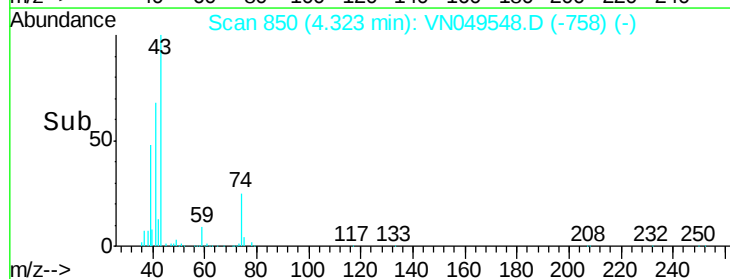
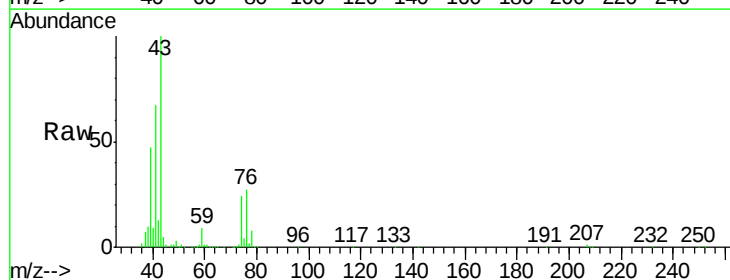
Manual Integrations
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#18
Methyl Acetate
Concen: 38.40 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.4	26.0





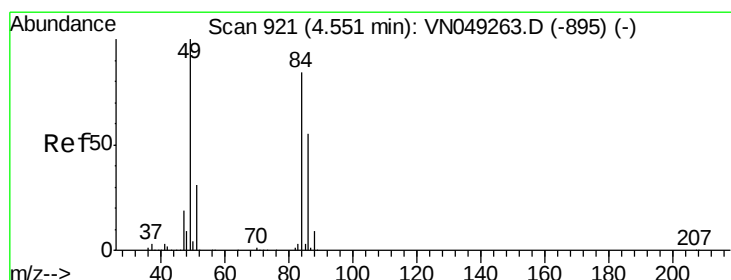
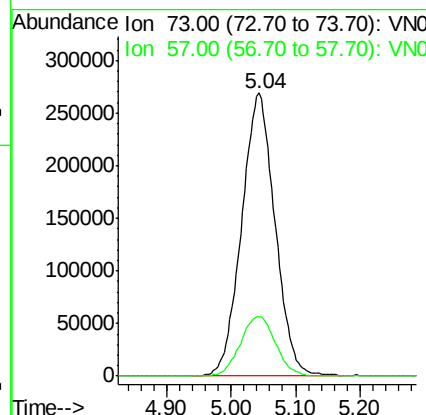
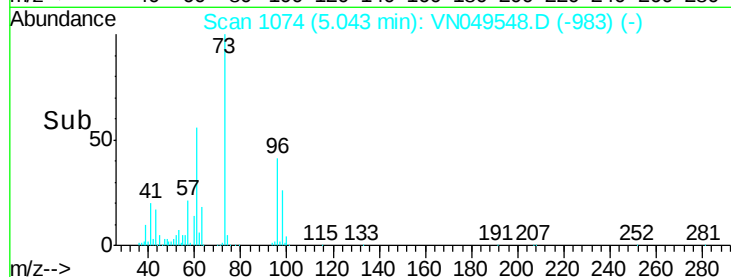
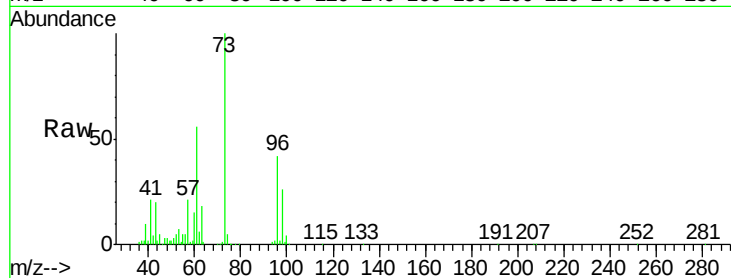
#19
Methyl tert-butyl Ether
Concen: 19.80 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.2	27.4

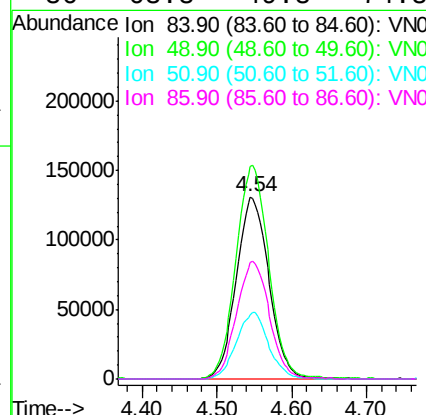
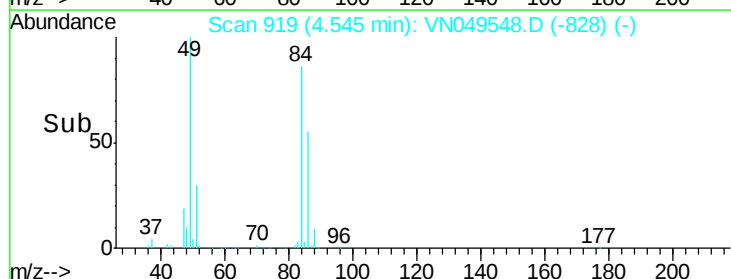
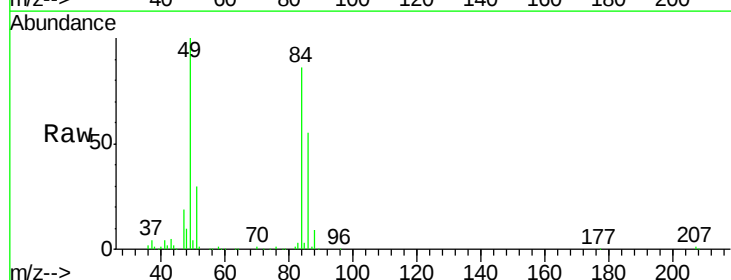
Manual Integrations
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#20
Methylene Chloride
Concen: 17.70 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.3	106.9	160.3
51	34.9	32.7	49.1
86	63.8	49.8	74.8





#21

trans-1,2-Dichloroethene

Concen: 18.42 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

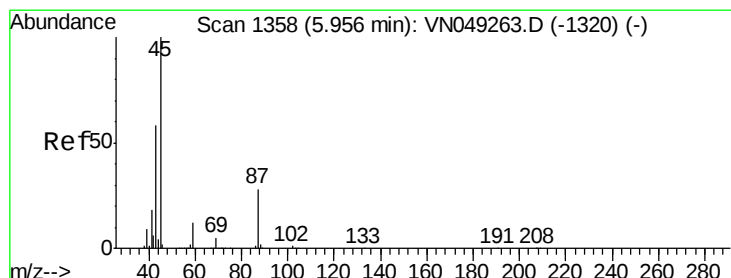
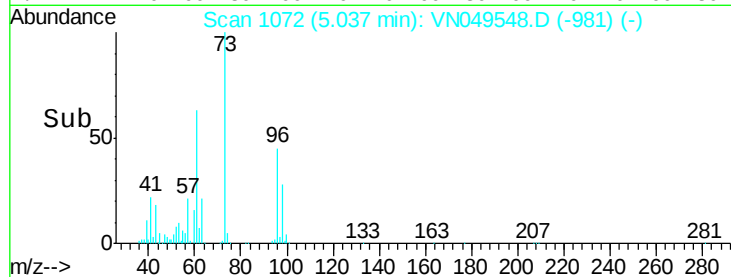
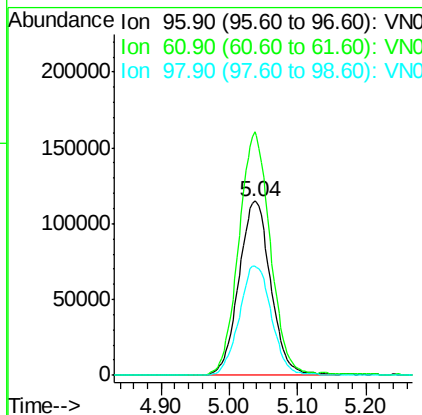
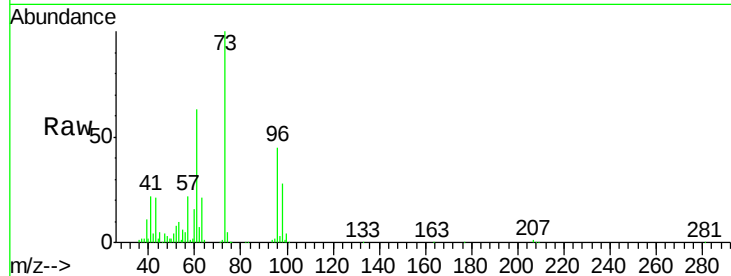
ClientSampleId :

VN0626WBS01

Tot Ion:	96	Resp:	373940
Ion	Ratio	Lower	Upper
96	100		
61	140.0	121.3	181.9
98	62.7	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.59 ug/l

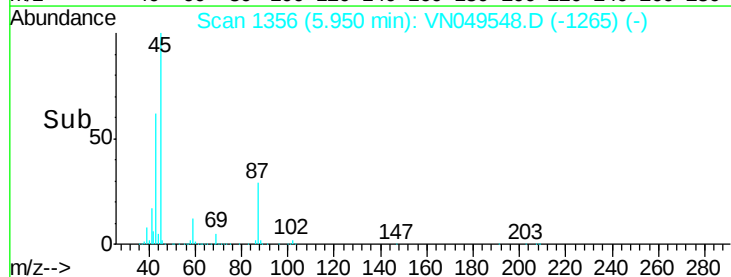
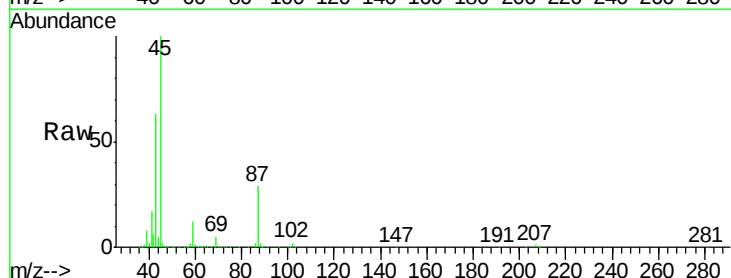
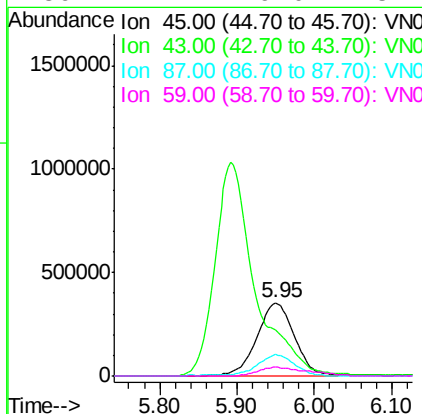
RT: 5.95 min Scan# 1356

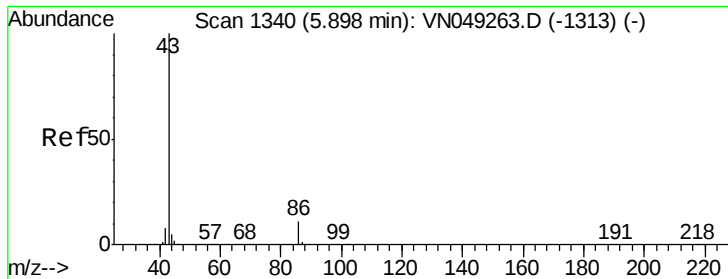
Delta R.T. -0.01 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	45	Resp:	1184570
Ion	Ratio	Lower	Upper
45	100		
43	59.1	48.6	72.8
87	28.7	20.2	30.2
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 94.32 ug/l

RT: 5.89 min Scan# 1338

Delta R.T. -0.01 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion: 43 Resp: 3717958

Ion Ratio Lower Upper

43 100

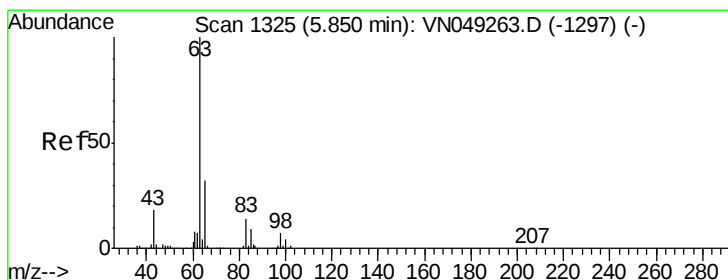
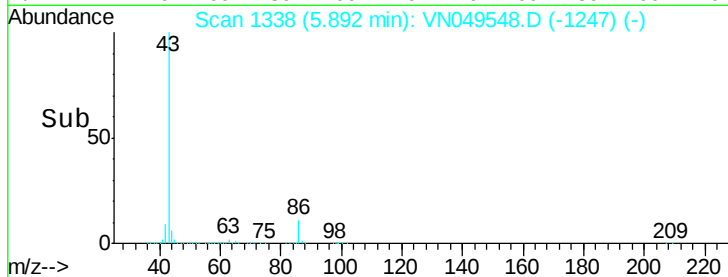
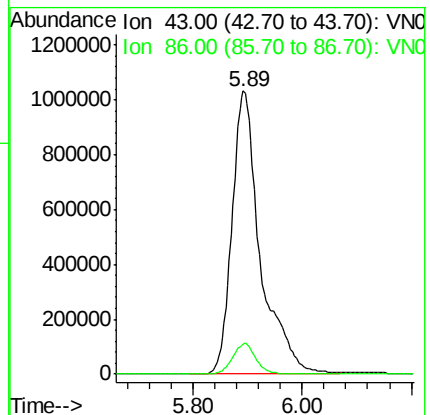
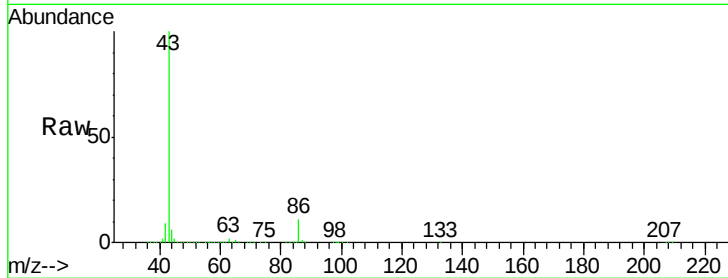
86 10.7 7.2 10.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.69 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

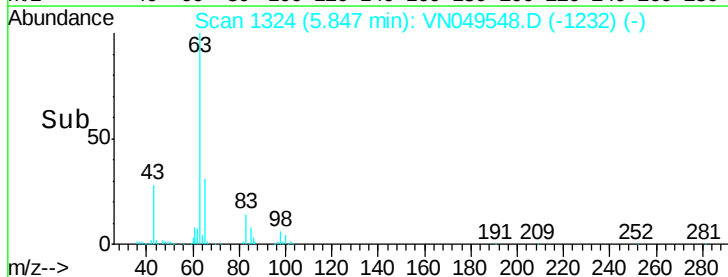
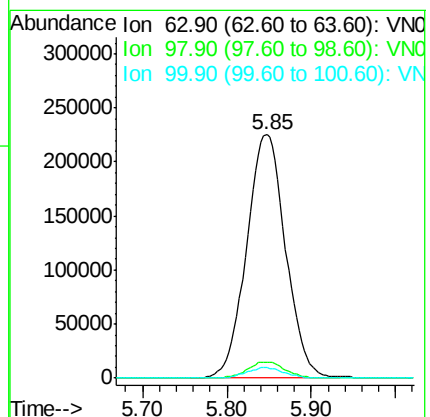
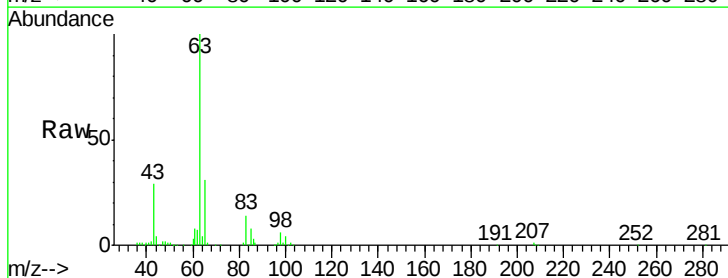
Tgt Ion: 63 Resp: 723438

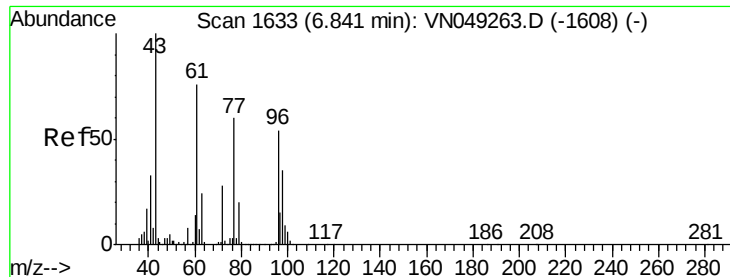
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 85.53 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 43 Resp: 618562

Ion Ratio Lower Upper

43 100

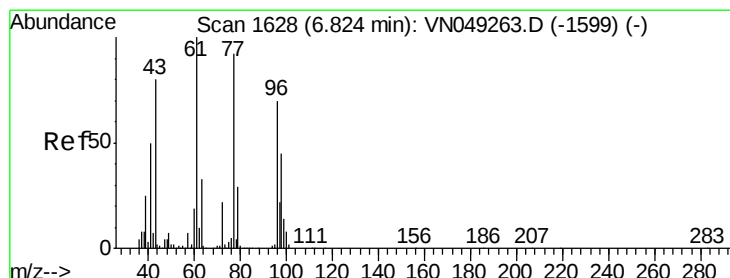
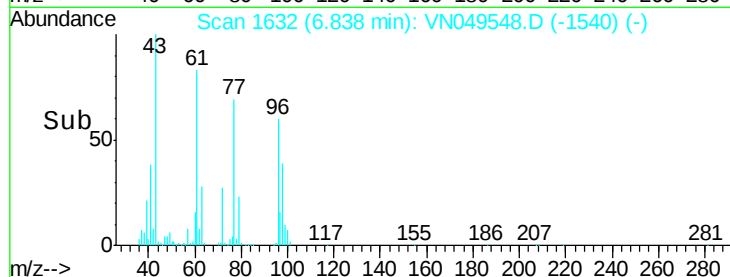
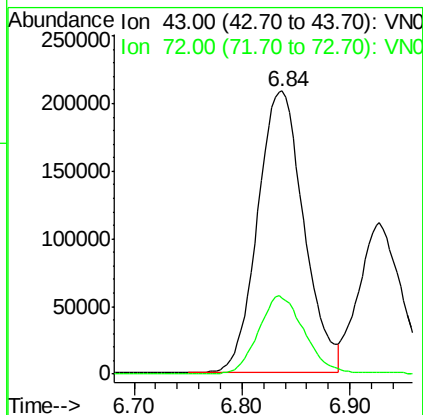
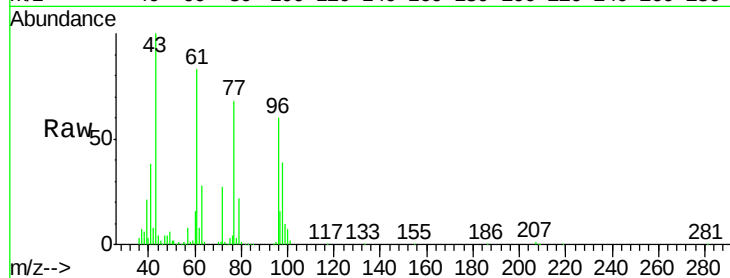
72 27.2 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.23 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049548.D

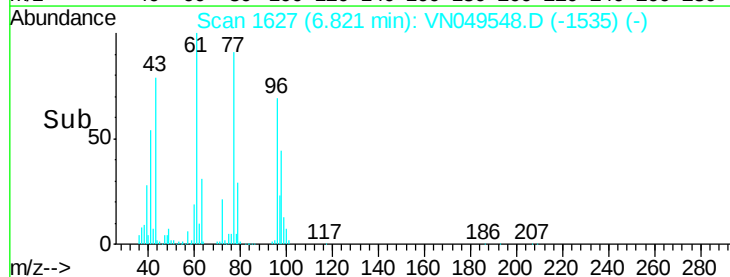
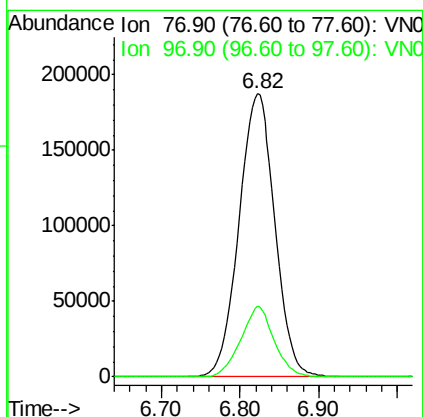
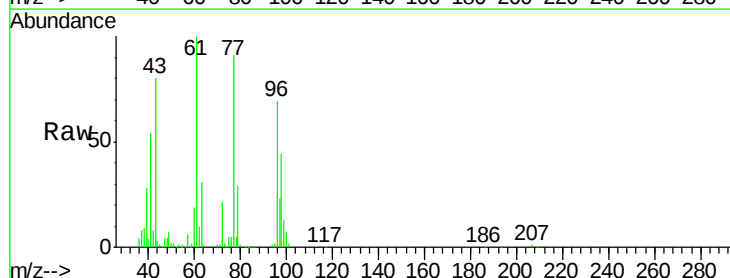
Acq: 26 Jun 2018 13:10

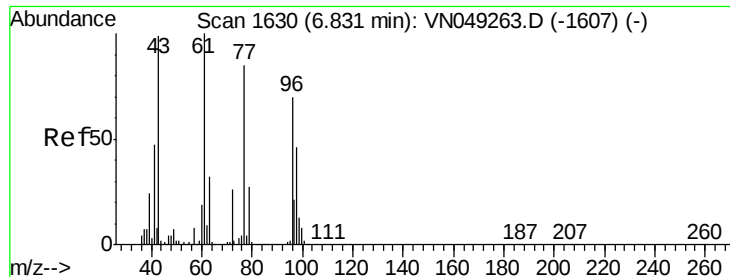
Tgt Ion: 77 Resp: 600869

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.18 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

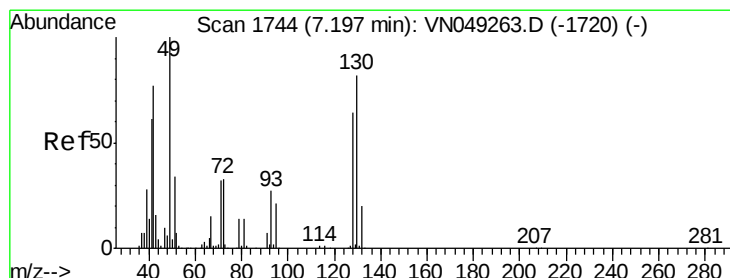
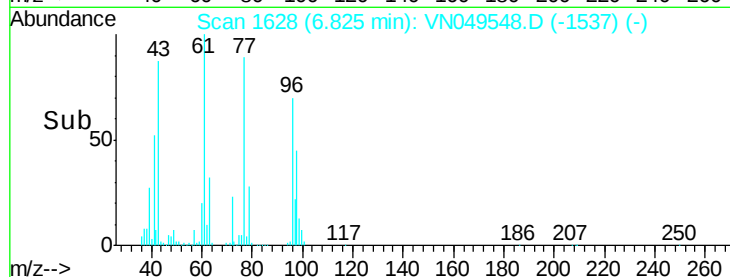
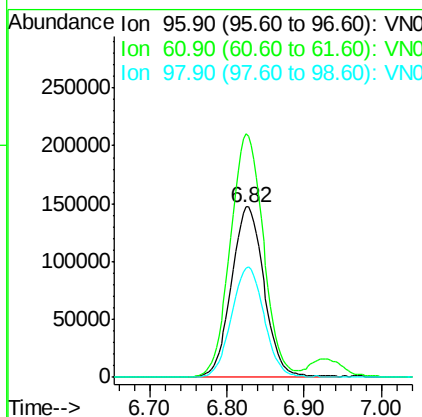
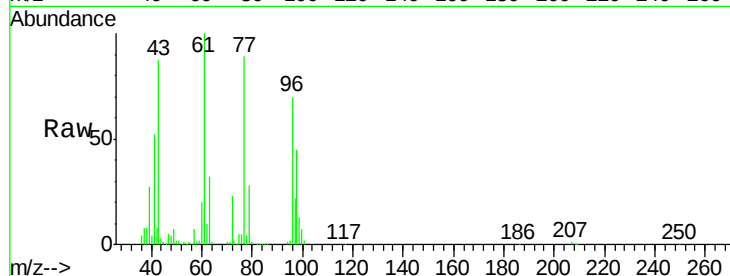
ClientSampleId :

VN0626WBS01

Tot Ion:	96	Resp:	432964
Ion Ratio	Lower	Upper	
96	100		
61	143.9	0.0	316.4
98	64.5	0.0	128.4

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#28

Bromochloromethane

Concen: 18.64 ug/l

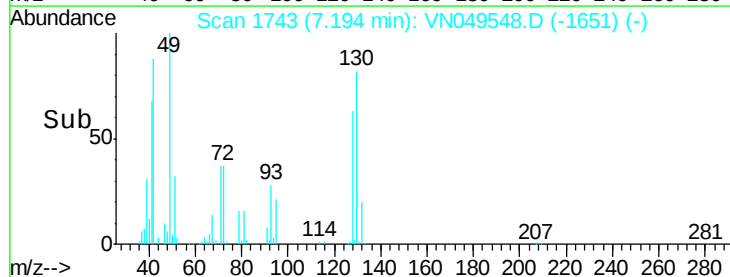
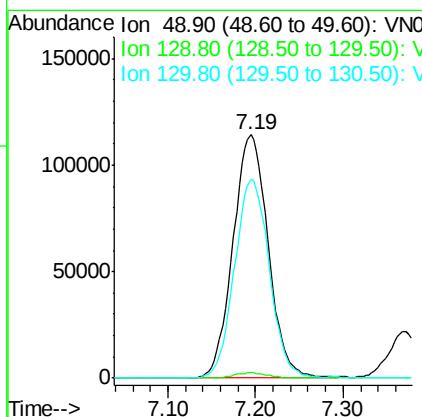
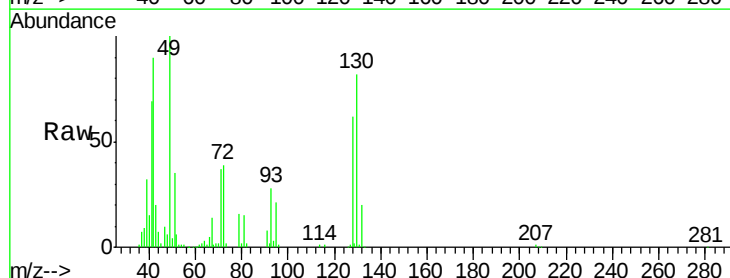
RT: 7.19 min Scan# 1743

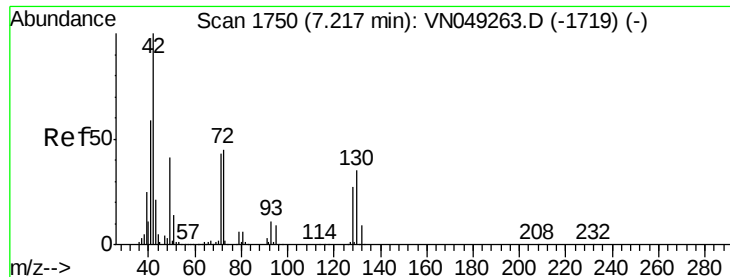
Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	49	Resp:	319764
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	80.7	54.9	82.3





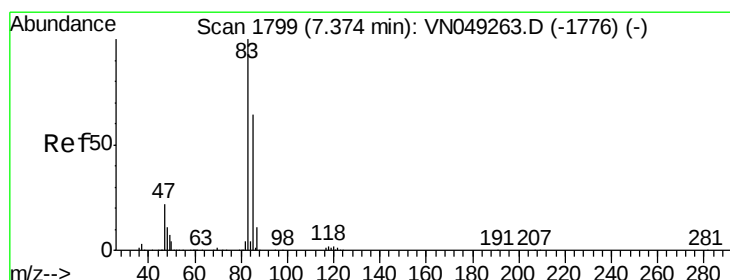
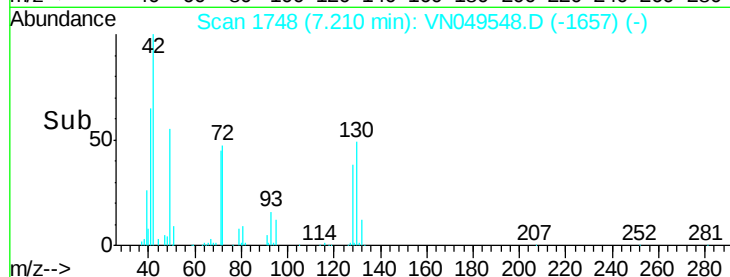
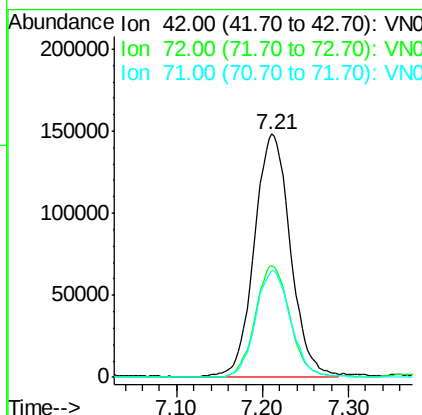
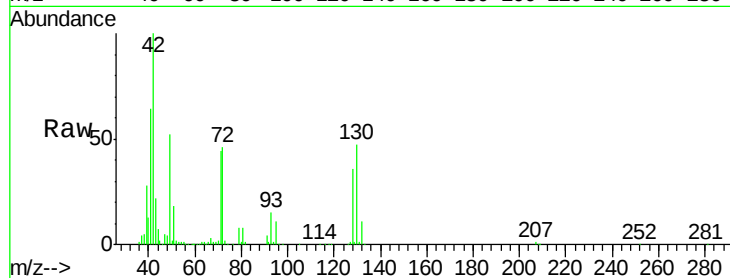
#29
Tetrahydrofuran
Concen: 92.54 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	32.2	48.4
71	42.8	30.5	45.7

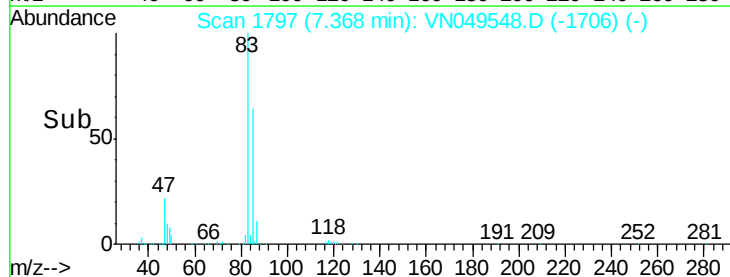
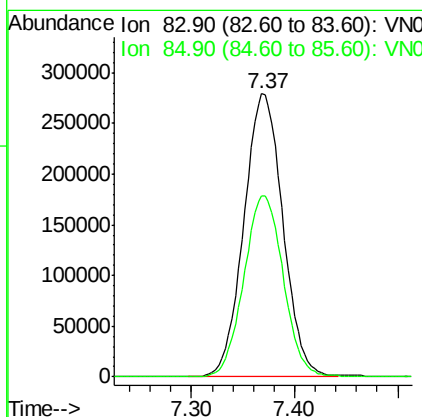
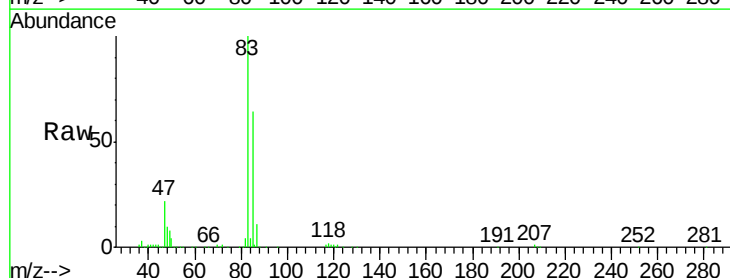
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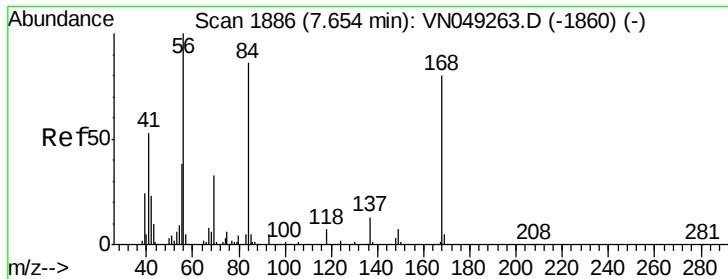
MMDadoda
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#30
Chloroform
Concen: 19.05 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.7	77.5





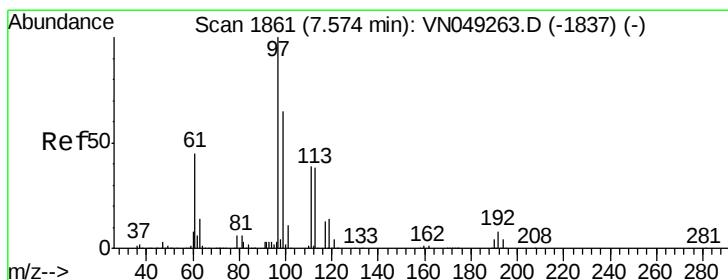
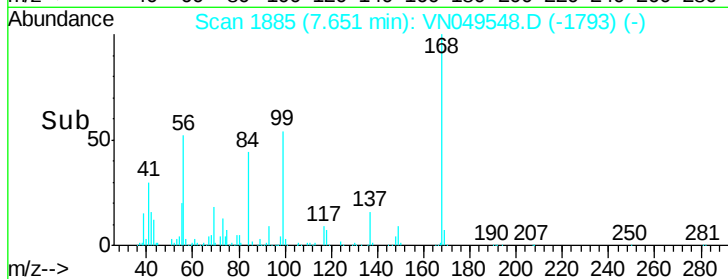
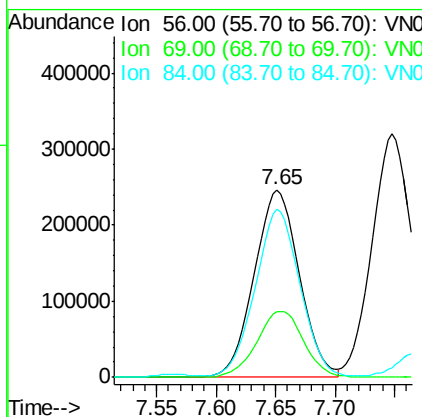
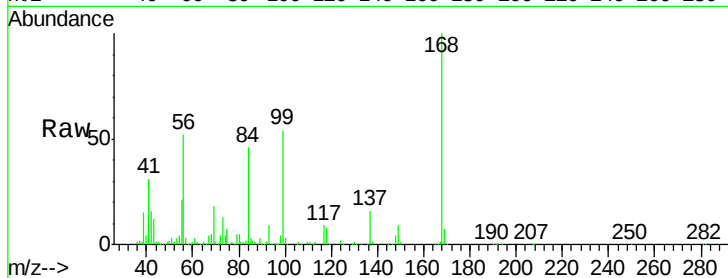
#31
Cyclohexane
Concen: 19.60 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	25.0	37.4
84	88.1	64.6	96.8

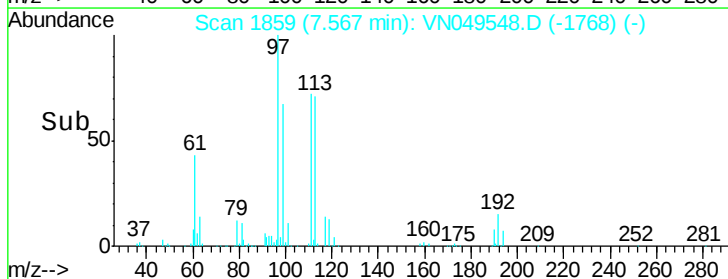
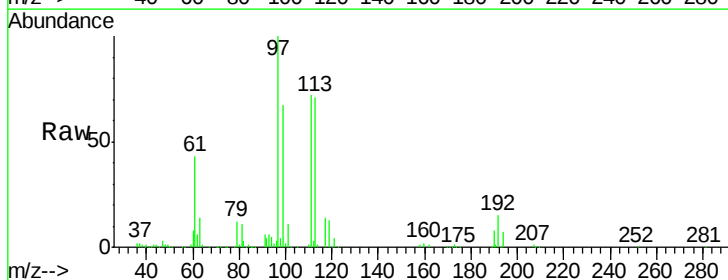
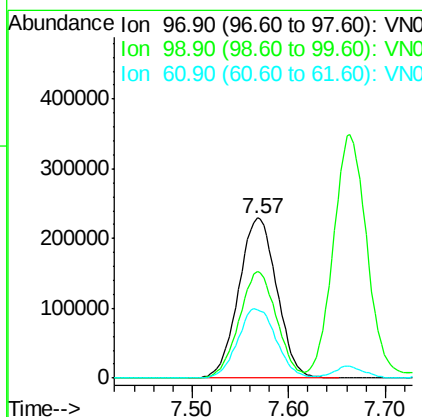
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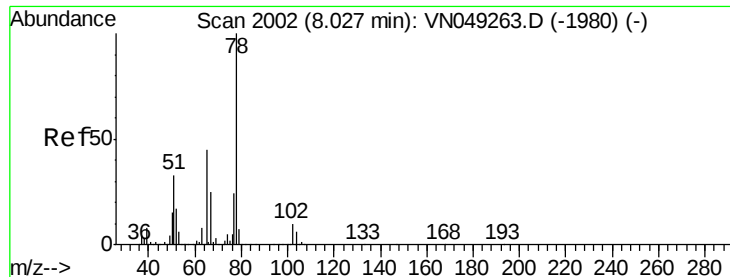
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.18 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.5	75.7
61	43.7	37.9	56.9





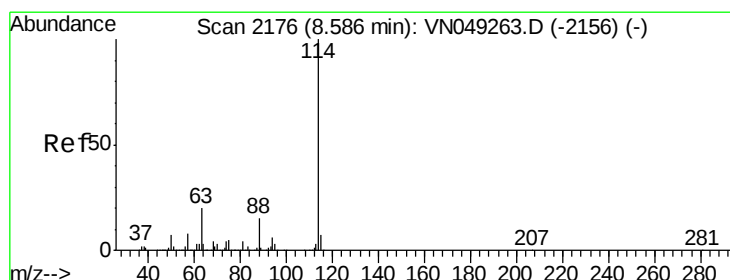
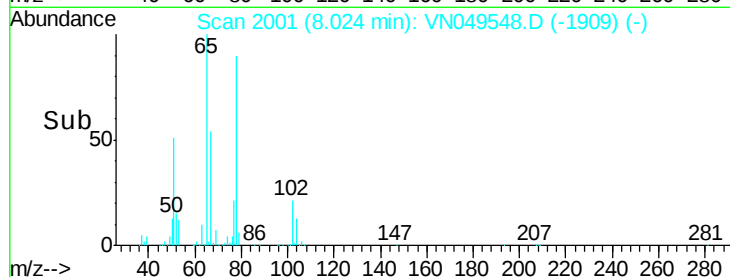
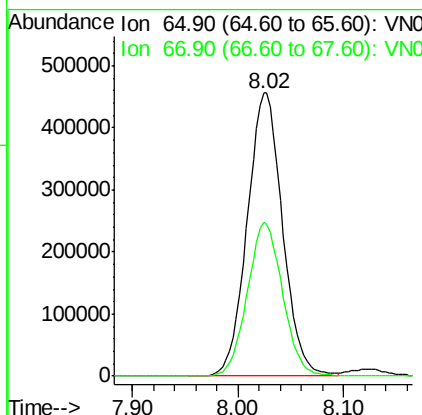
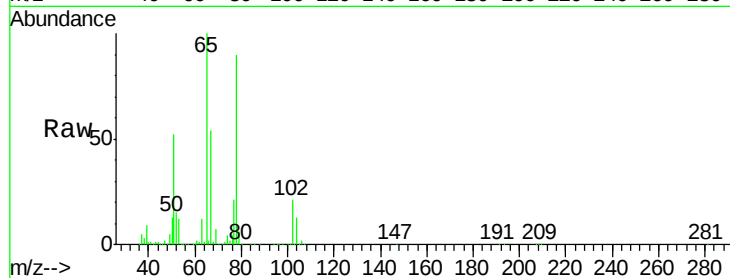
#33
 1,2-Dichloroethane-d4
 Concen: 47.97 ug/l
 RT: 8.02 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS01

Tot Ion: 65 Resp: 1064015
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 103.8

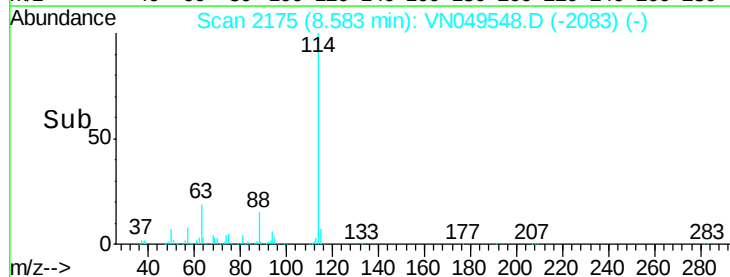
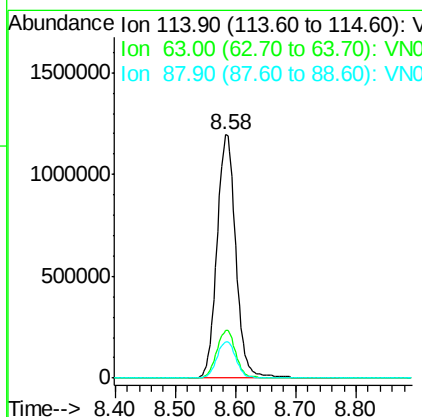
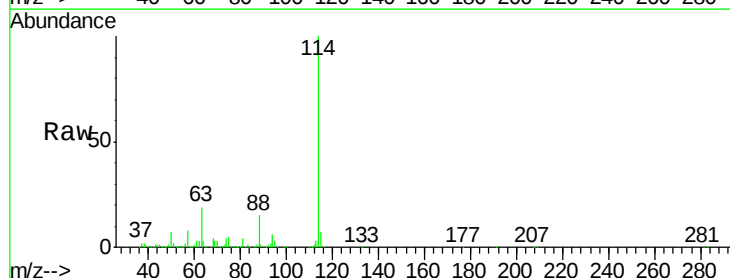
Manual Integrations
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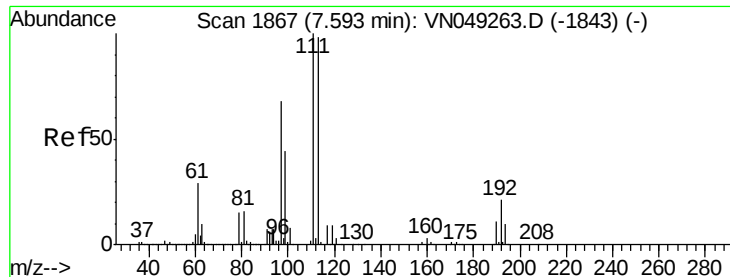
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion: 114 Resp: 2551777
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 44.4
 88 15.1 0.0 31.4





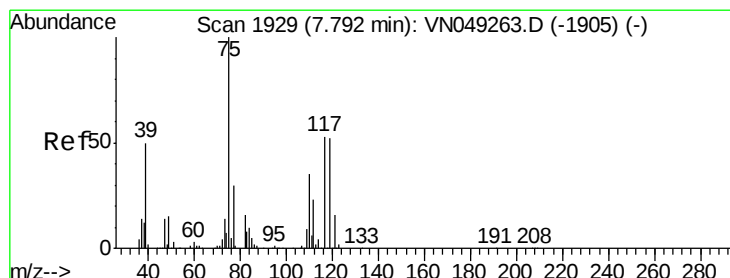
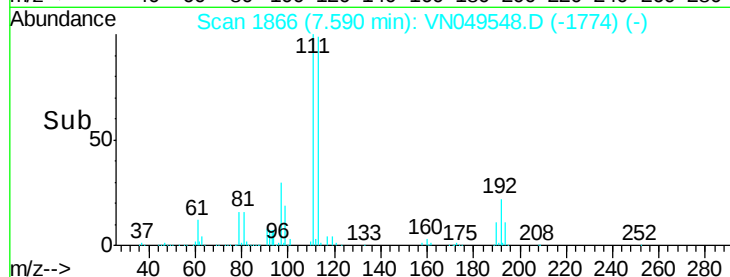
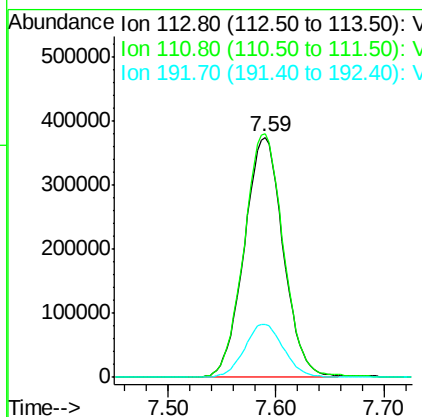
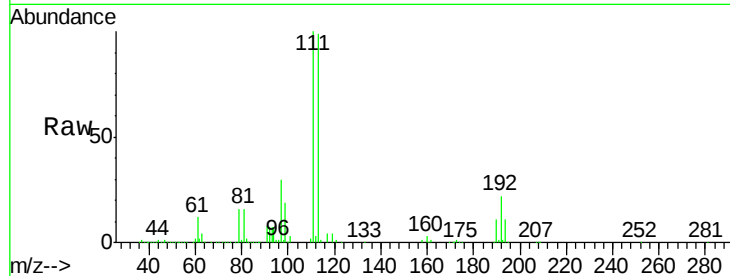
#35
 Dibromofluoromethane
 Concen: 45.49 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	939053		
111	102.8		82.4	123.6
192	22.2		15.0	22.6

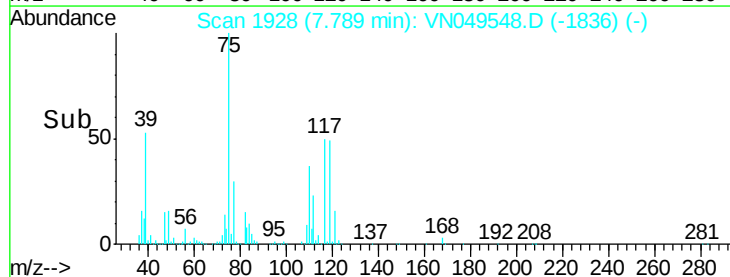
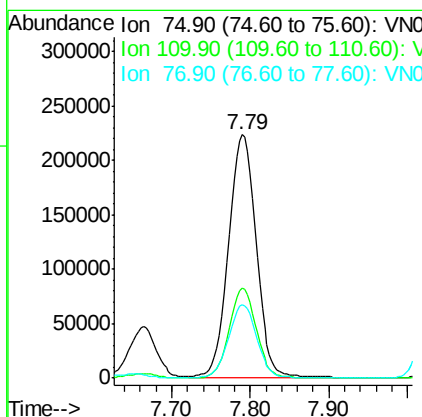
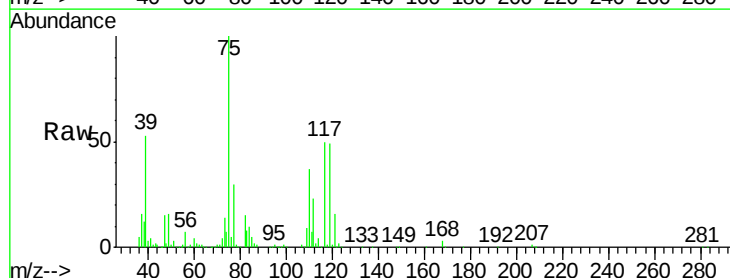
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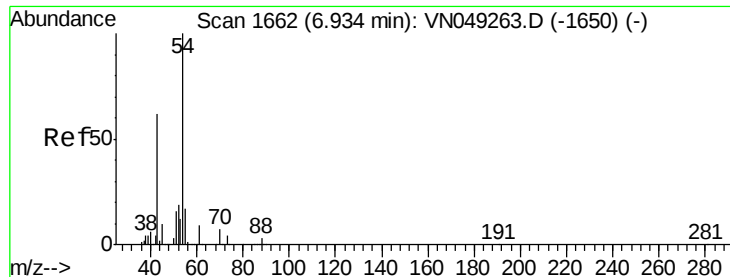
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#36
 1,1-Dichloropropene
 Concen: 18.69 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	546517		
110	36.5		17.0	50.9
77	31.0		24.4	36.6





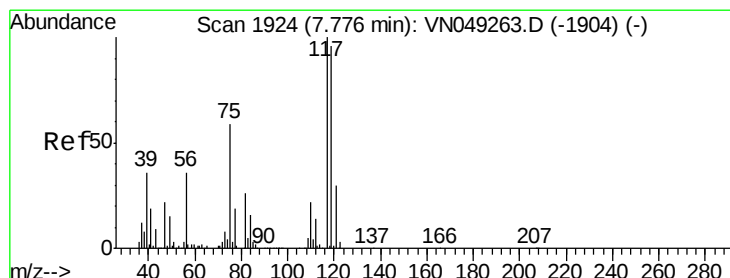
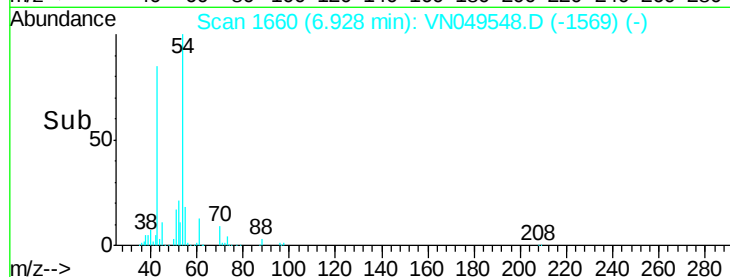
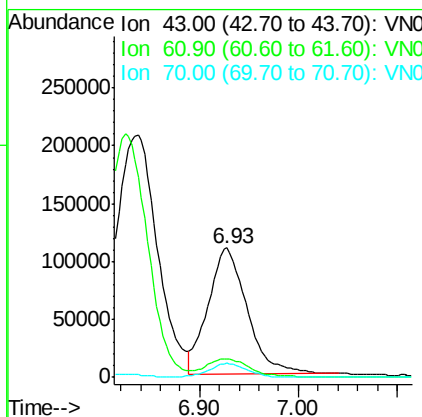
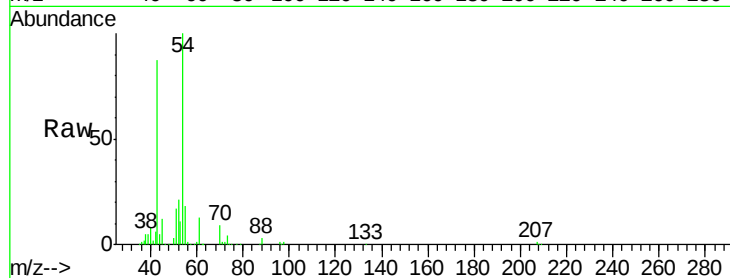
#37
Ethyl Acetate
Concen: 19.15 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.0	16.4
70	10.2	7.2	10.8

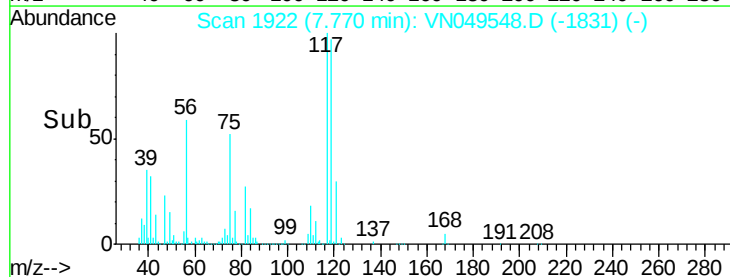
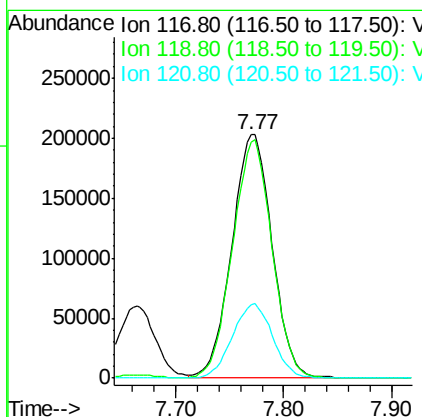
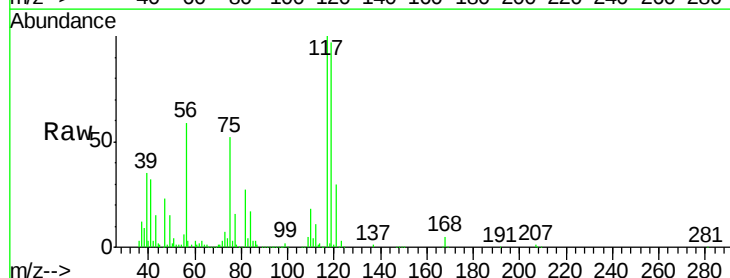
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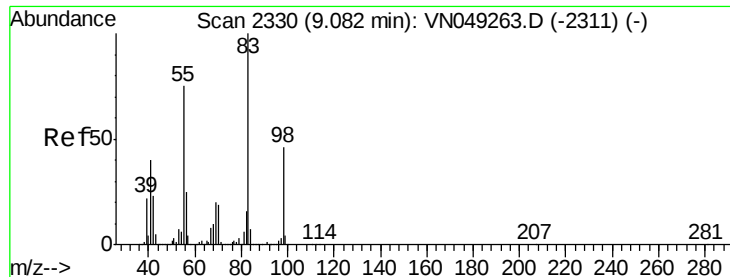
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#38
Carbon Tetrachloride
Concen: 17.29 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.6	113.4
121	30.2	24.7	37.1





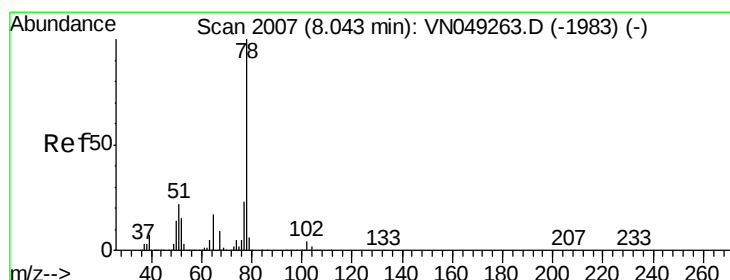
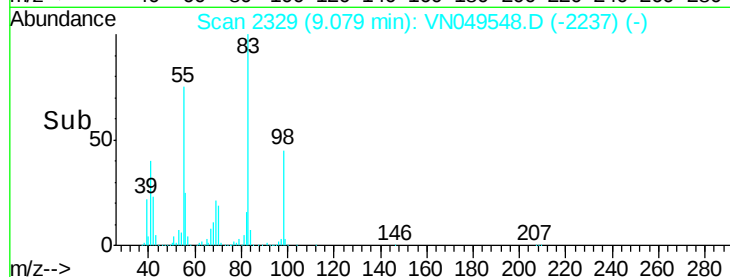
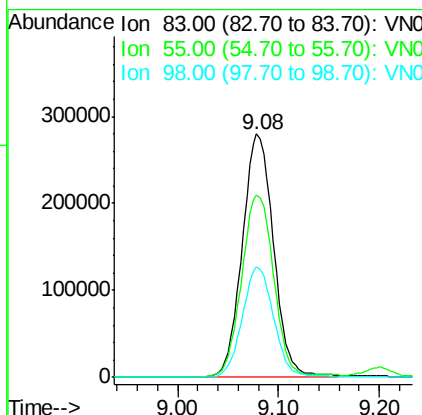
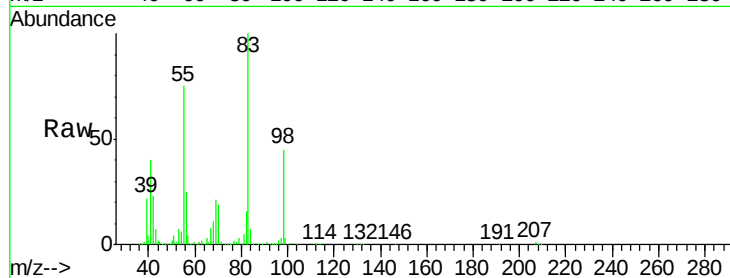
#39
Methvlcvclohexane
Concen: 19.16 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	65.1	97.7
98	45.4	36.5	54.7

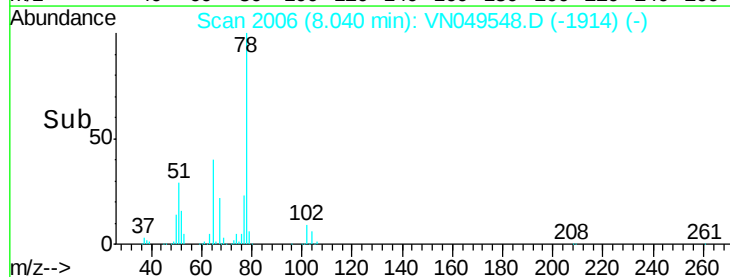
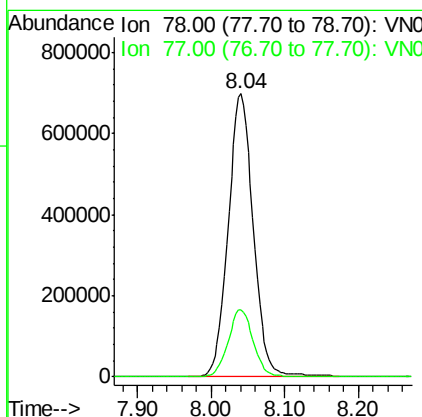
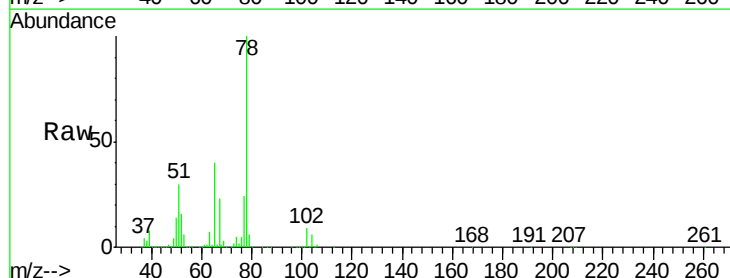
Manual Integrations
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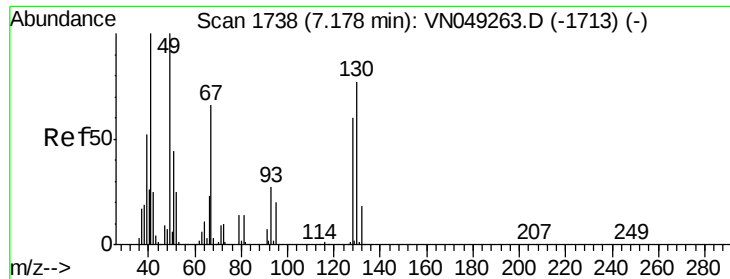
MMDadoda
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#40
Benzene
Concen: 18.44 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





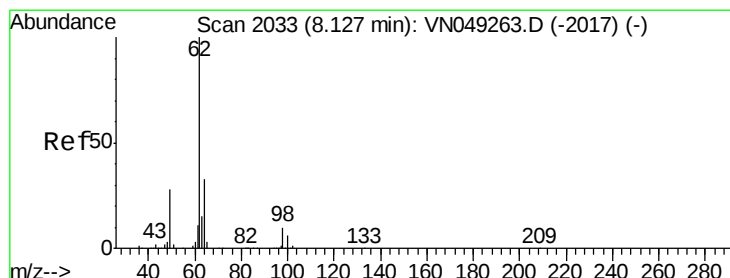
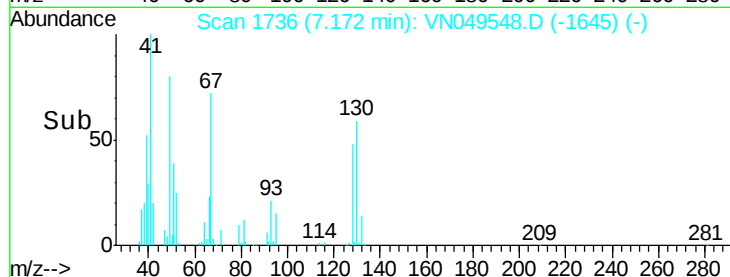
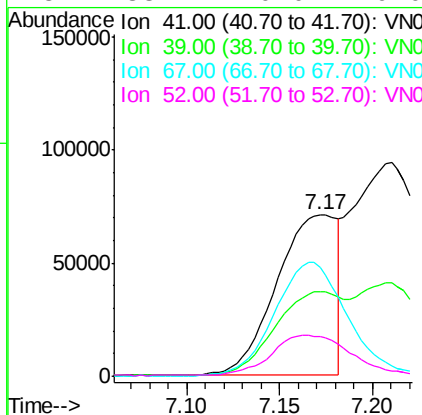
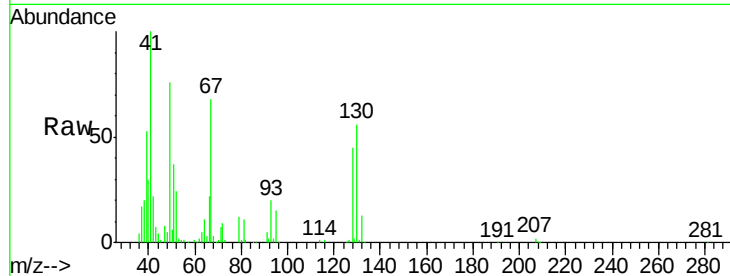
#41
Methacrylonitrile
Concen: 18.78 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.2	0.0	0.0#
67	86.5	0.0	0.0#
52	33.7	0.0	0.0#

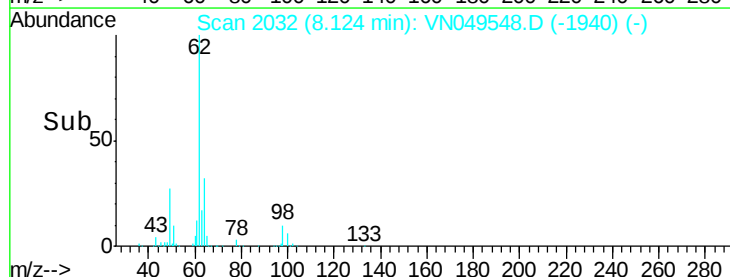
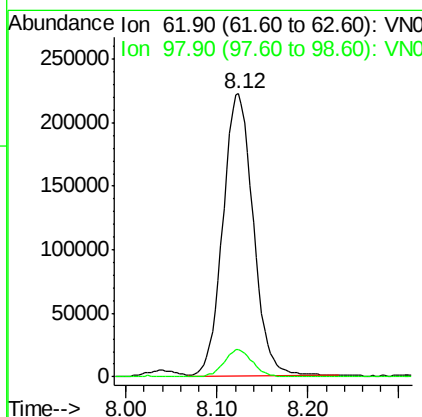
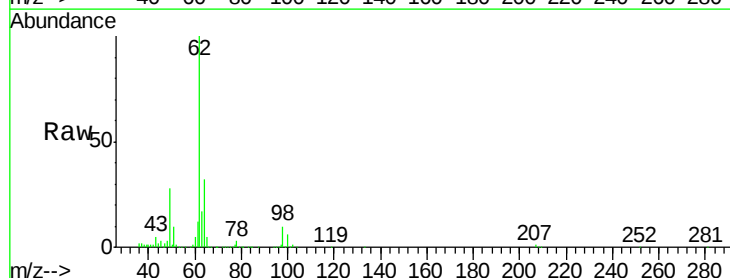
Manual Integrations
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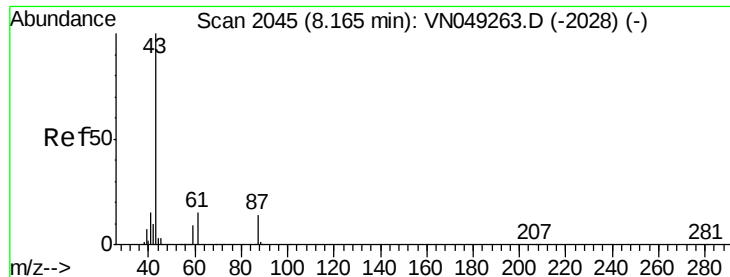
MMDadoda
6/27/2018 5:29:44 PM



#42
1,2-Dichloroethane
Concen: 18.64 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.2





#43

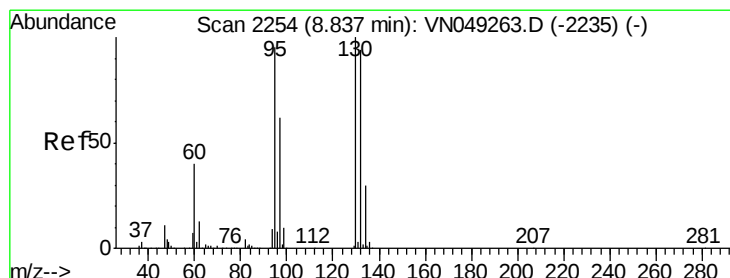
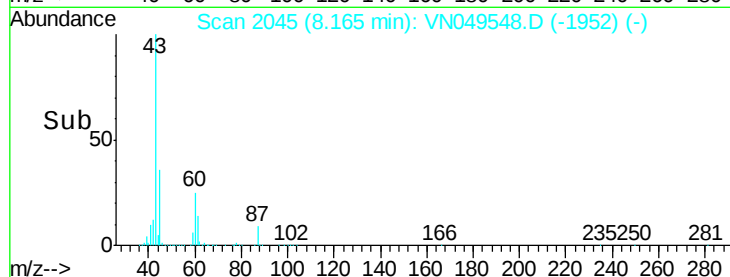
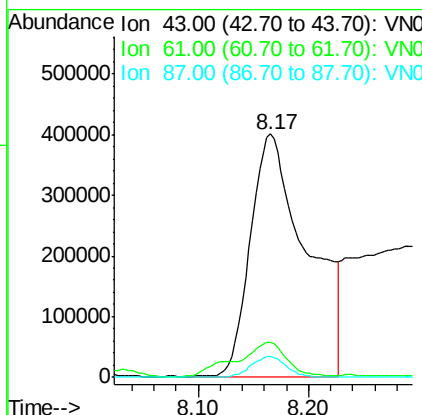
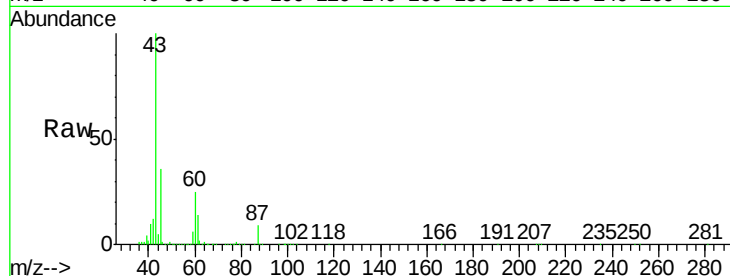
Isopropyl Acetate
 Concen: 46.62 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 43 Resp: 1416279
 Ion Ratio Lower Upper
 43 100
 61 13.2 14.2 21.4#
 87 5.5 9.4 14.0#

Manual Integrations
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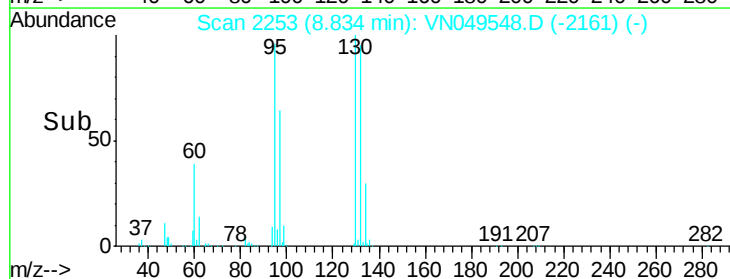
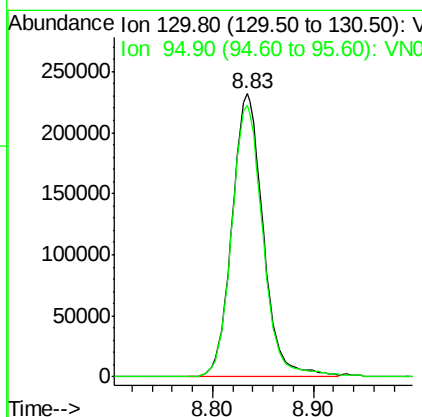
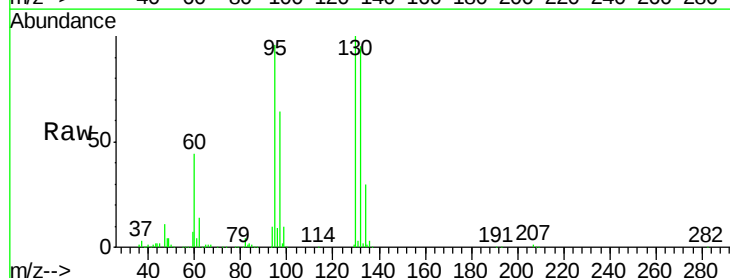
MMDadoda
 6/27/2018 5:29:44 PM

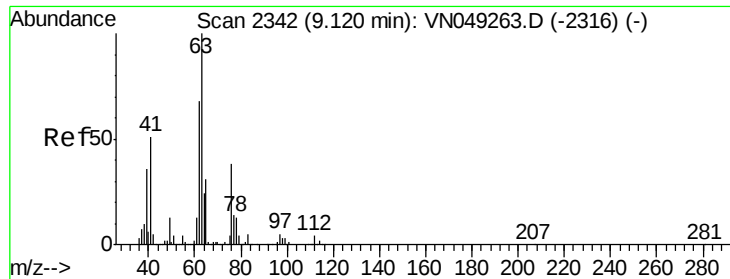


#44

Trichloroethene
 Concen: 20.97 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion:130 Resp: 496588
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 208.6





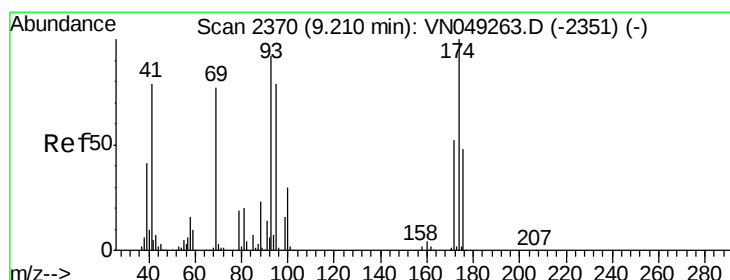
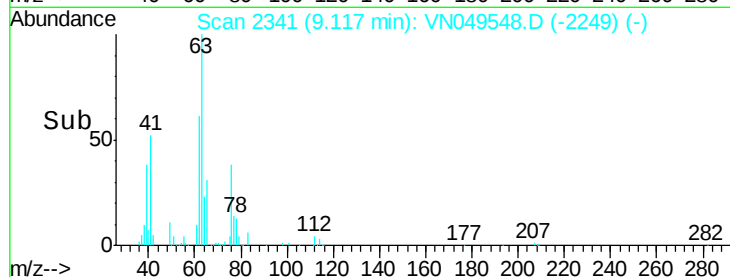
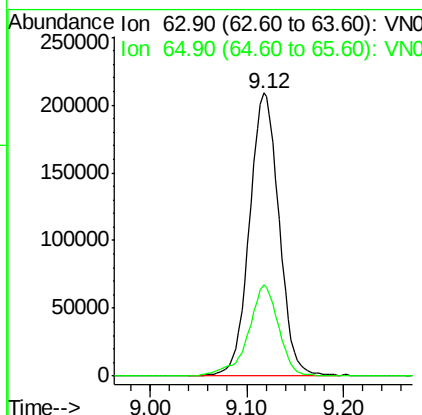
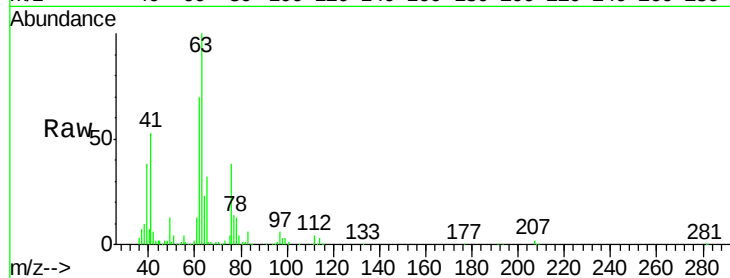
#45
 1,2-Dichloropropane
 Concen: 18.88 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 63 Resp: 443121
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2

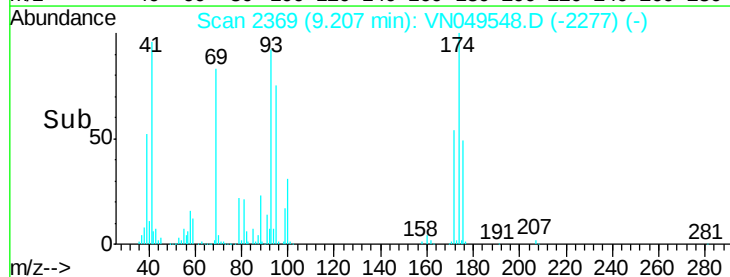
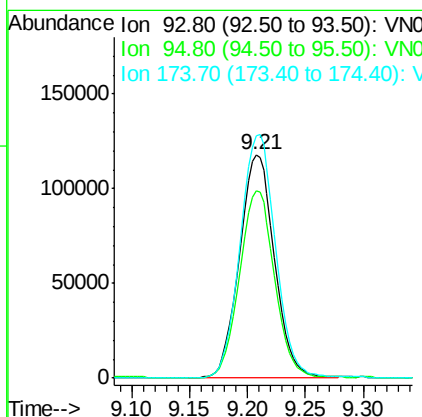
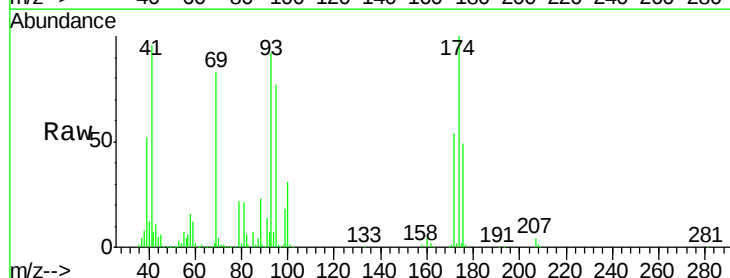
Manual Integrations
 APPROVED

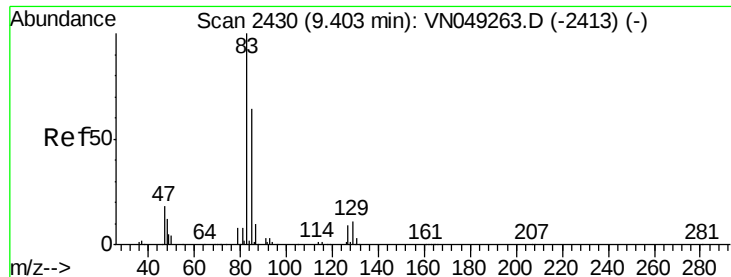
MMDadoda
 6/27/2018 5:29:44 PM



#46
 Dibromomethane
 Concen: 18.25 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion: 93 Resp: 248378
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 110.2 75.6 113.4





#47

Bromodichloromethane

Concen: 18.31 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

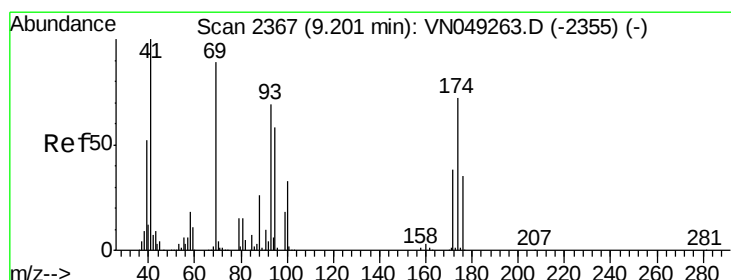
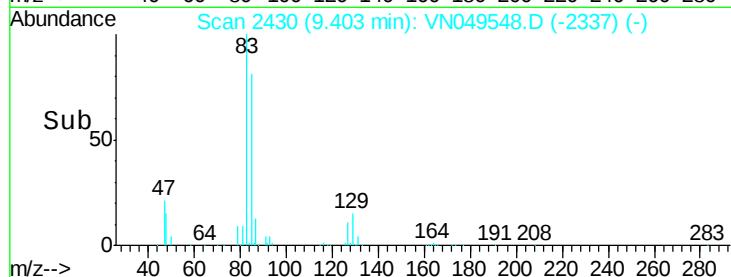
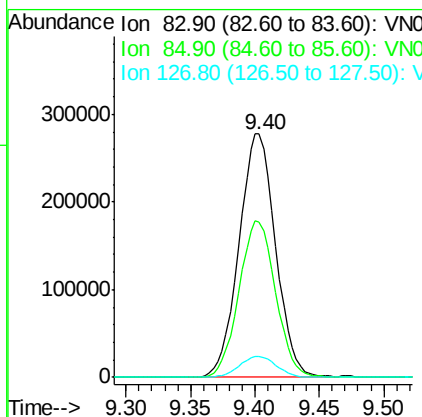
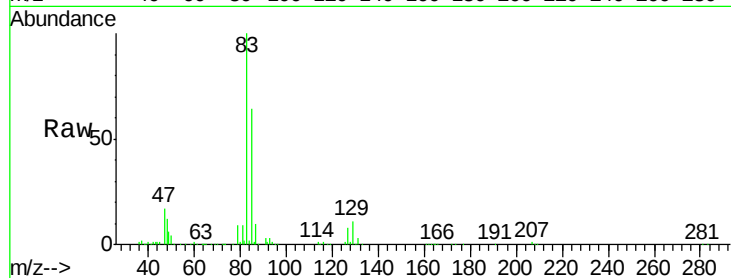
ClientSampleId :

VN0626WBS01

Tot Ion:	83	Resp:	547730
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.4	74.0
127	8.5	6.3	9.5

Manual Integrations
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MMDadoda
6/27/2018 5:29:44 PM



#48

Methyl methacrylate

Concen: 20.23 ug/l

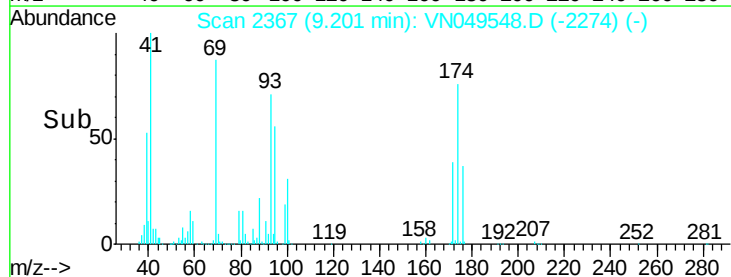
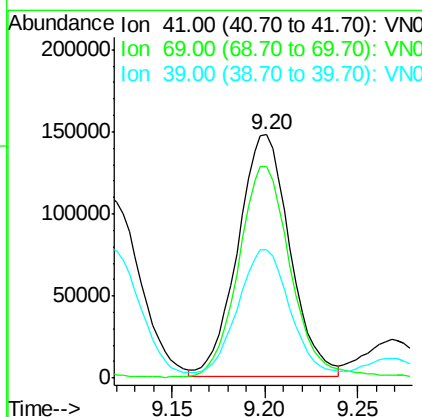
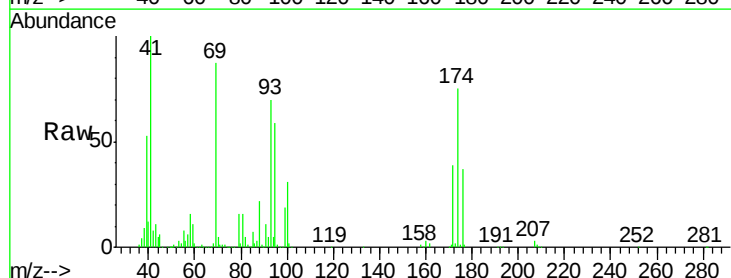
RT: 9.20 min Scan# 2367

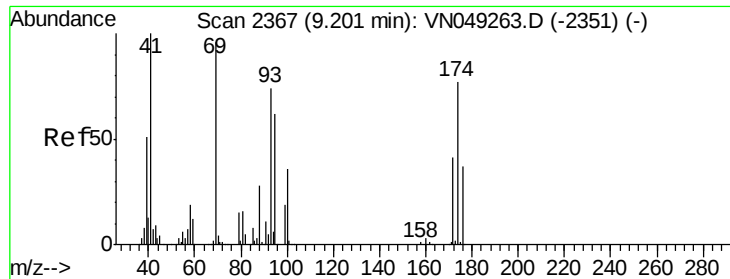
Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	41	Resp:	289381
Ion	Ratio	Lower	Upper
41	100		
69	88.1	62.0	93.0
39	53.7	50.6	75.8





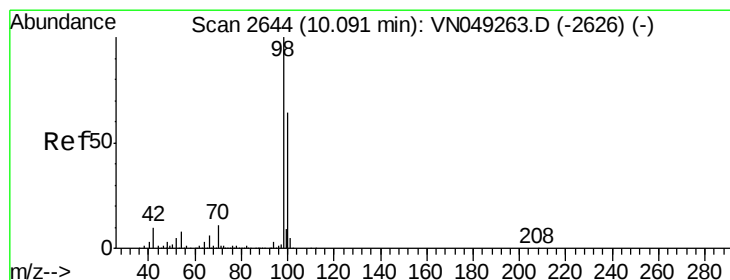
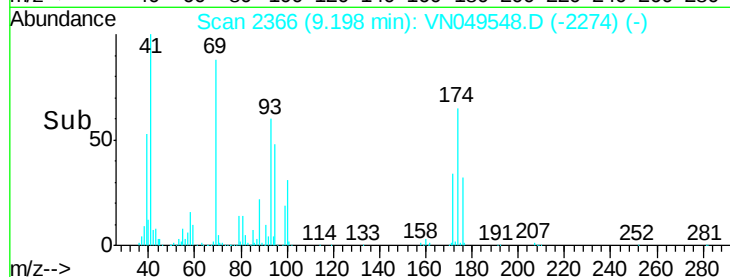
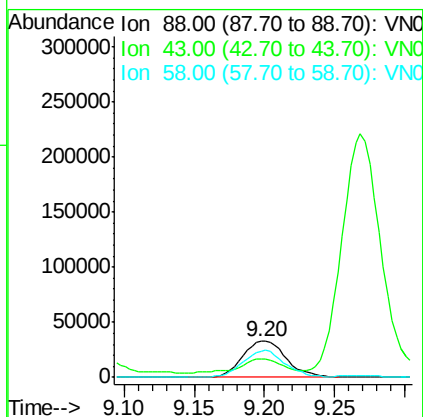
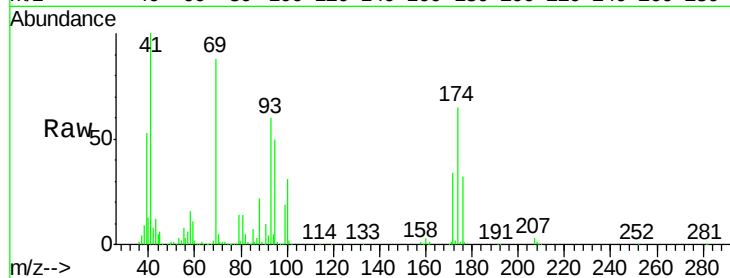
#49
1,4-Dioxane
Concen: 361.92 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.9	46.3
58	69.6	58.9	88.3

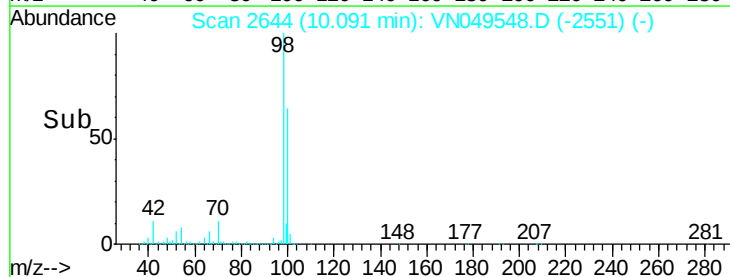
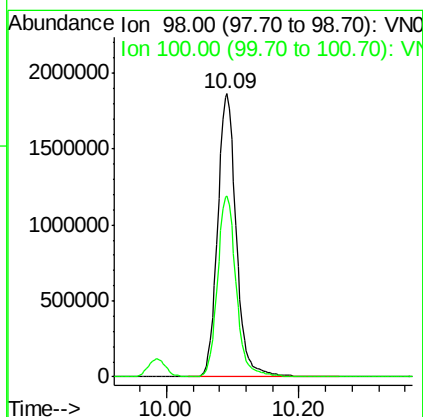
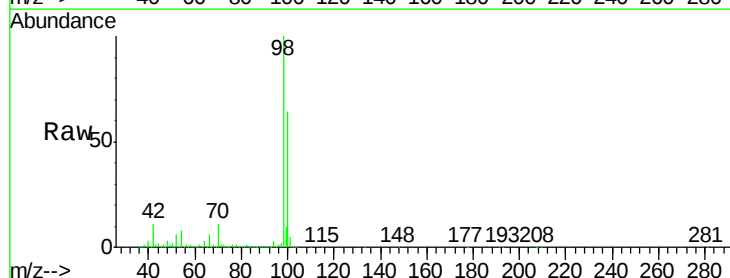
Manual Integrations
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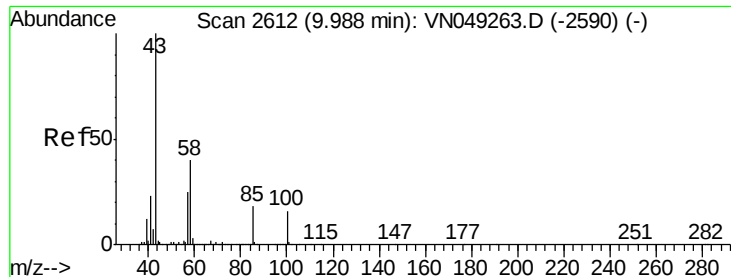
MMDadoda
6/27/2018 5:29:44 PM



#50
Toluene-d8
Concen: 46.25 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	49.8	74.8





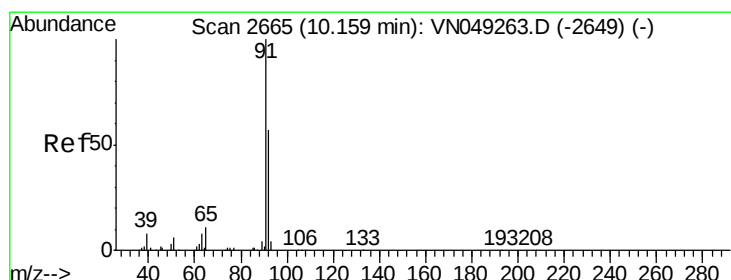
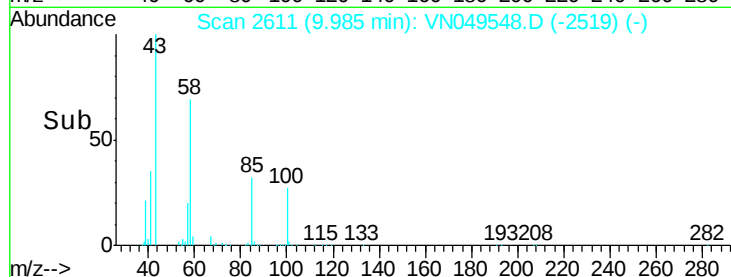
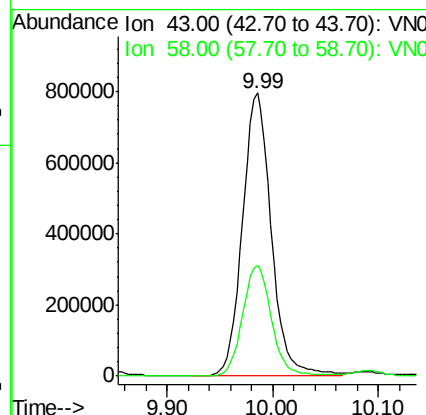
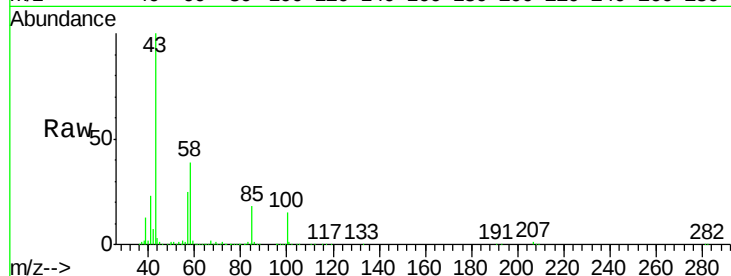
#51
4-Methyl-2-Pentanone
Concen: 93.95 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS01

Tot Ion: 43 Resp: 1495873
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

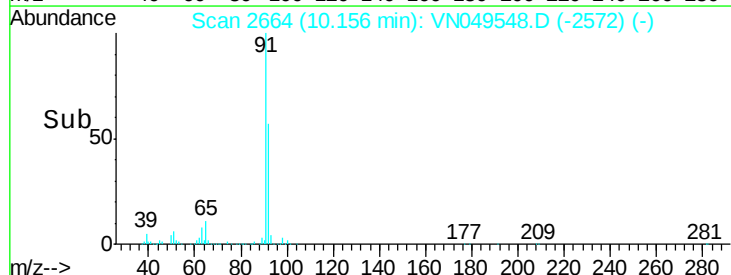
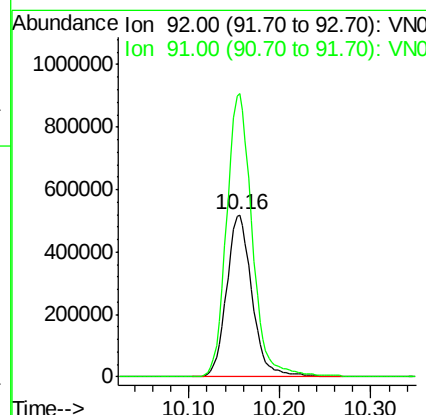
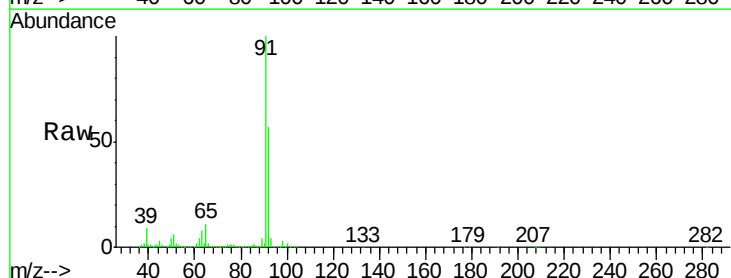
Manual Integrations
APPROVED

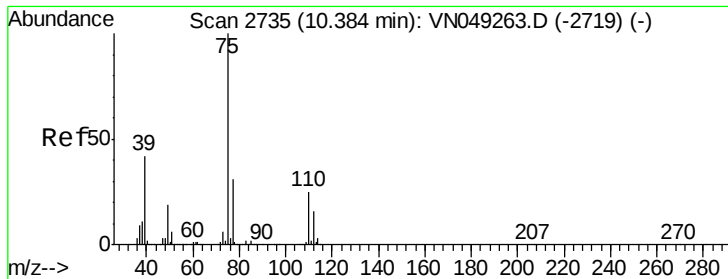
MMDadoda
6/27/2018 5:29:44 PM



#52
Toluene
Concen: 19.13 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion: 92 Resp: 1006824
Ion Ratio Lower Upper
92 100
91 176.6 143.4 215.2





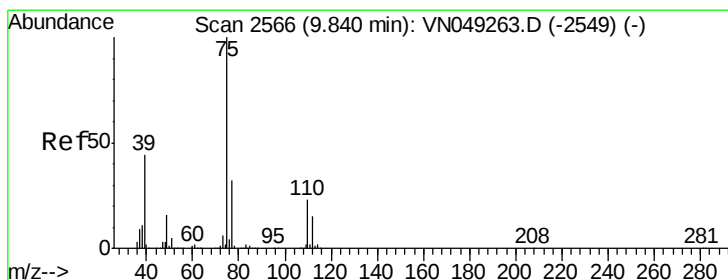
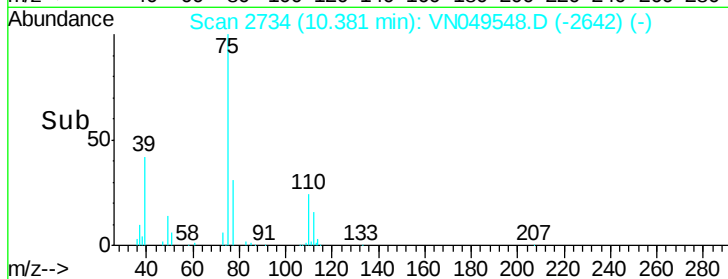
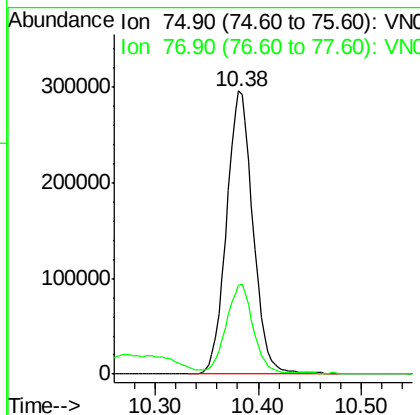
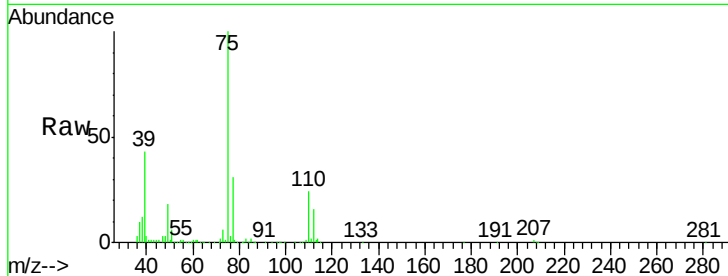
#53
t-1,3-Dichloropropene
Concen: 18.42 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion: 75 Resp: 527233
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

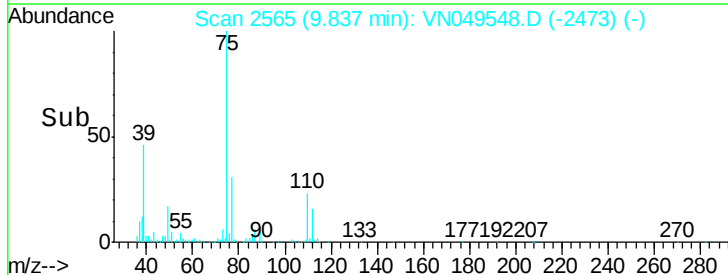
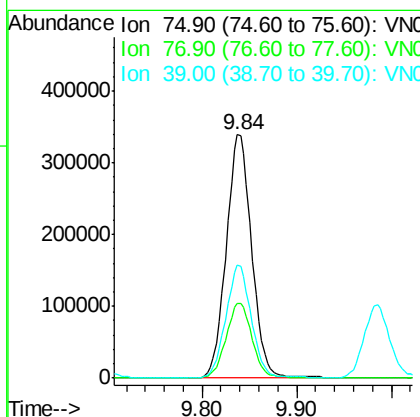
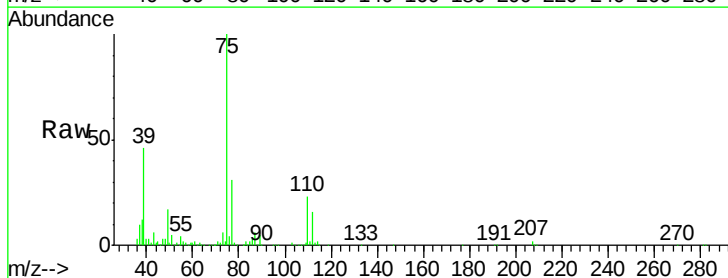
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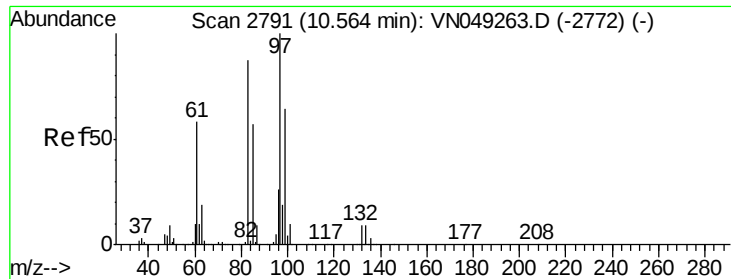
MMDadoda
6/27/2018 5:29:44 PM



#54
cis-1,3-Dichloropropene
Concen: 18.73 ug/l
RT: 9.84 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion: 75 Resp: 632835
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 46.4 45.1 67.7





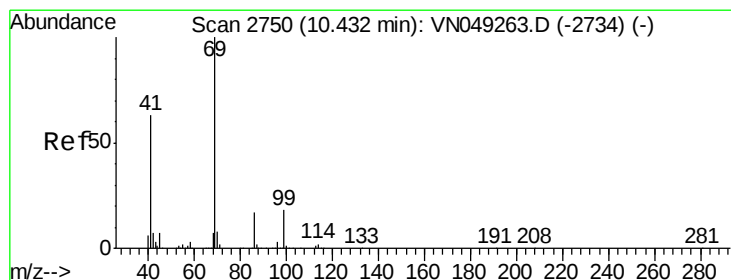
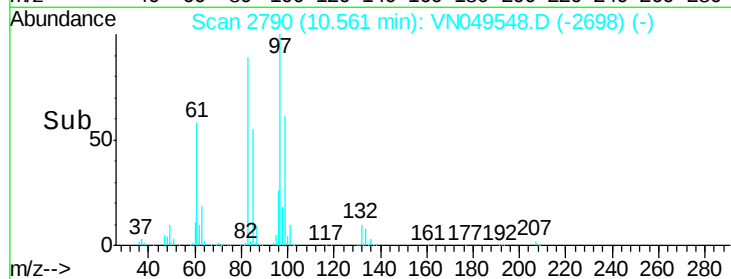
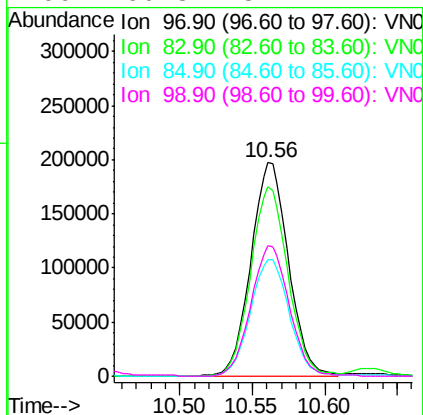
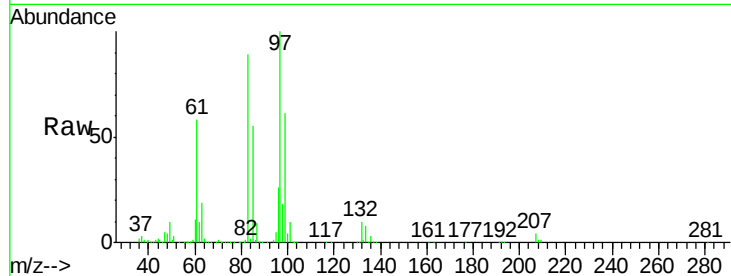
#55
 1,1,2-Trichloroethane
 Concen: 18.16 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.5	107.3
85	54.6	47.0	70.4
99	60.8	51.4	77.2

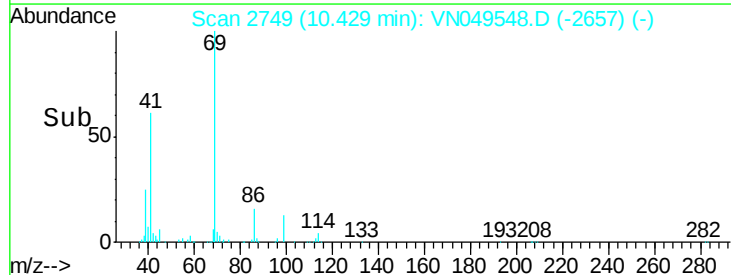
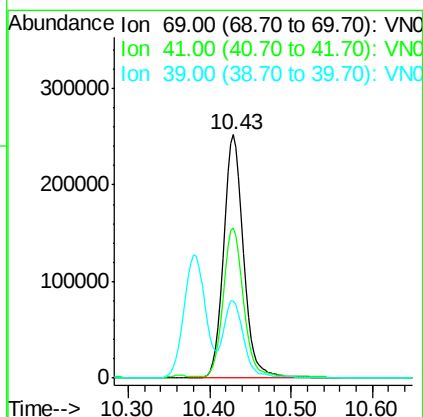
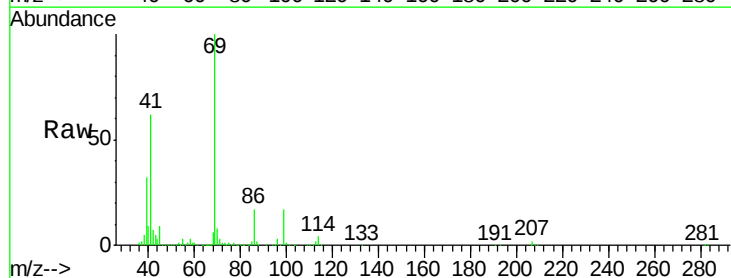
Manual Integrations
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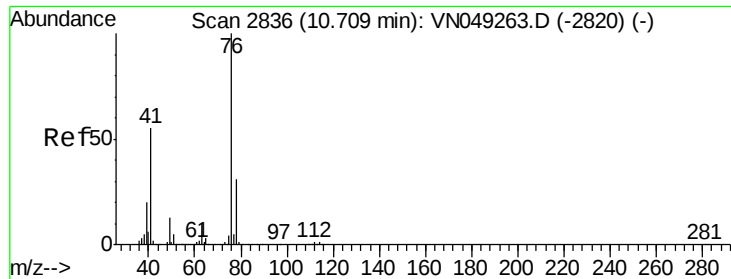
MMDadoda
 6/27/2018 5:29:44 PM



#56
 Ethyl methacrylate
 Concen: 19.32 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	58.4	87.6
39	32.9	35.5	53.3#





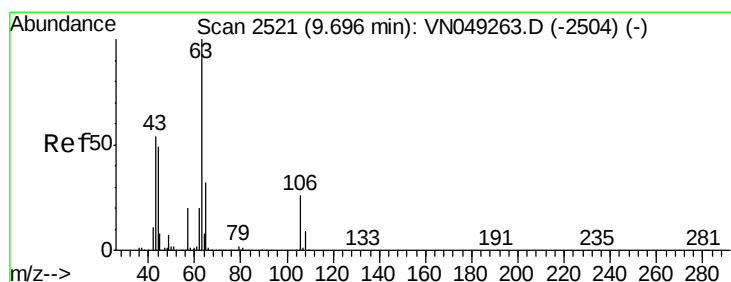
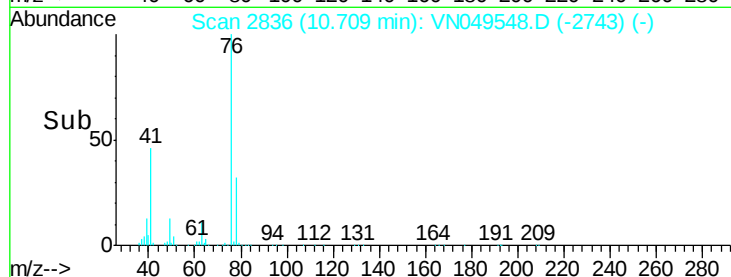
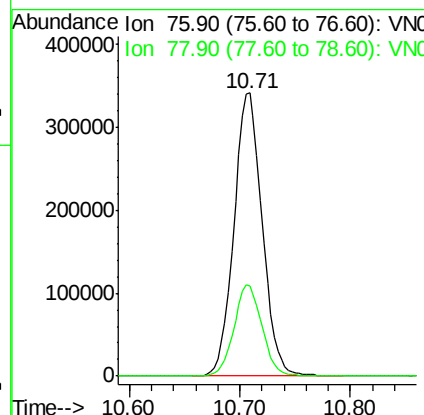
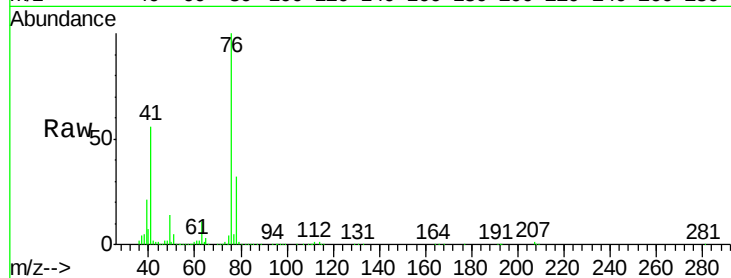
#57
 1,3-Dichloropropane
 Concen: 18.67 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 76 Resp: 606641
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.3 39.5

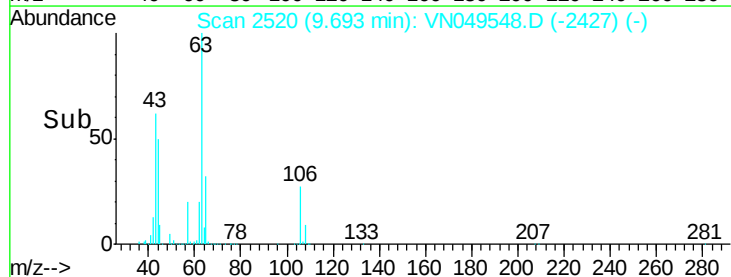
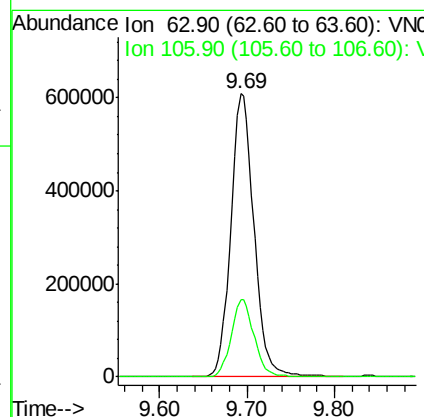
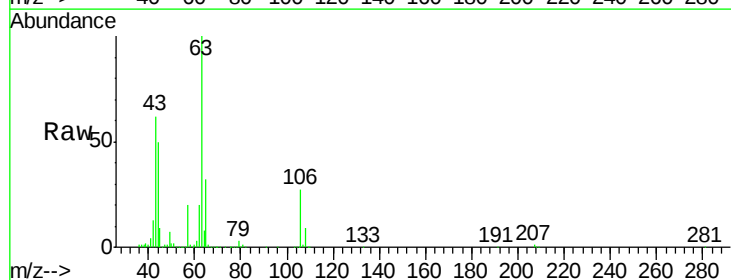
Manual Integrations
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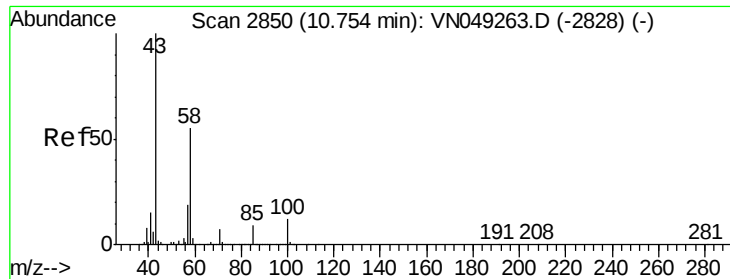
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 144.65 ug/l
 RT: 9.69 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion: 63 Resp: 1118539
 Ion Ratio Lower Upper
 63 100
 106 27.1 19.4 29.2





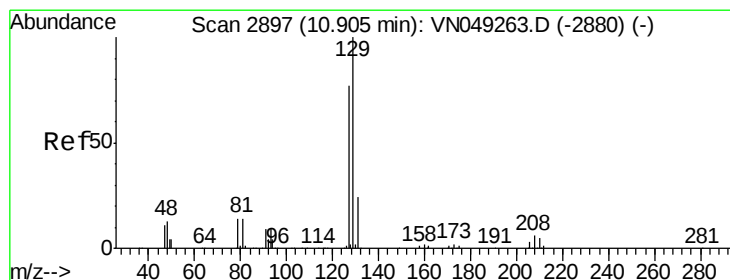
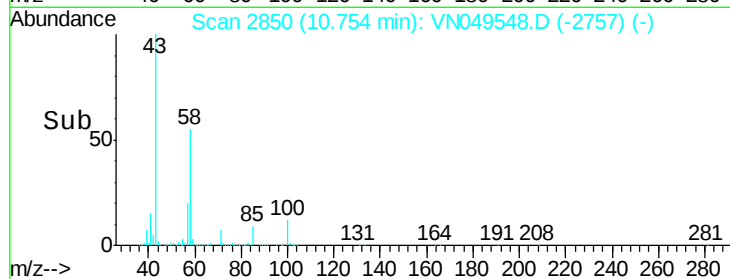
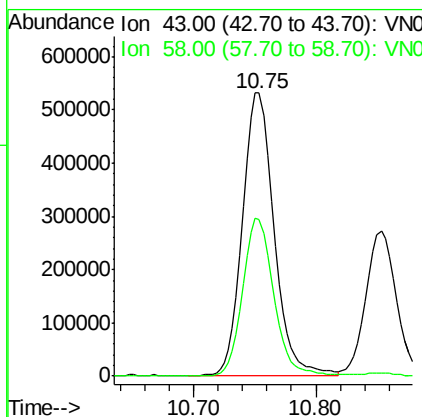
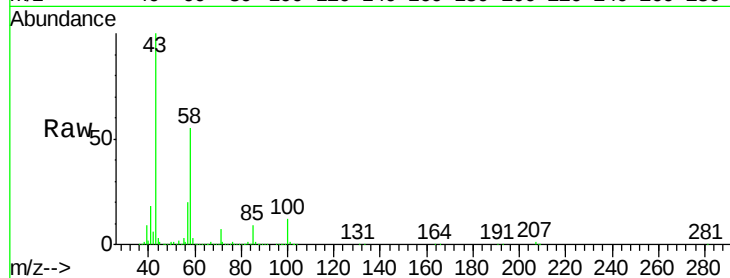
#59
2-Hexanone
Concen: 91.87 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	25.2	75.6

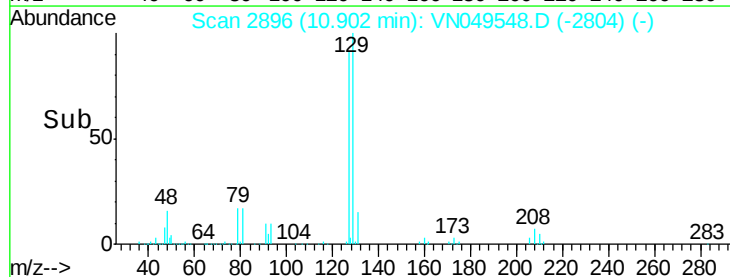
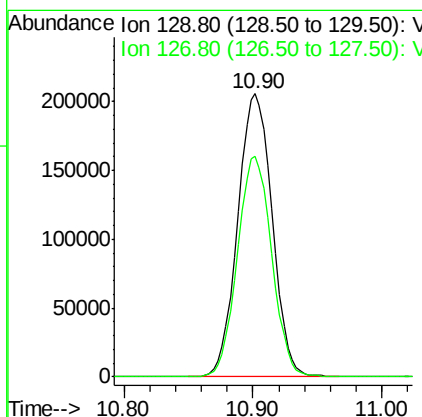
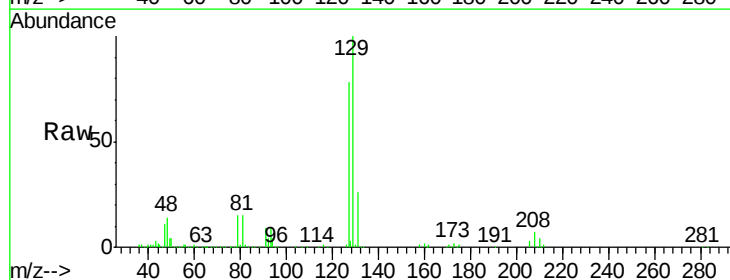
Manual Integrations
APPROVED

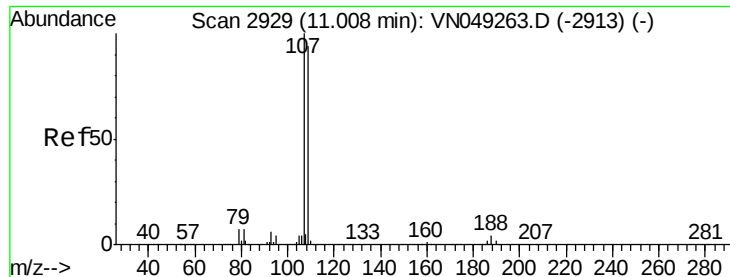
MMDadoda
6/27/2018 5:29:44 PM



#60
Dibromochloromethane
Concen: 17.48 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2





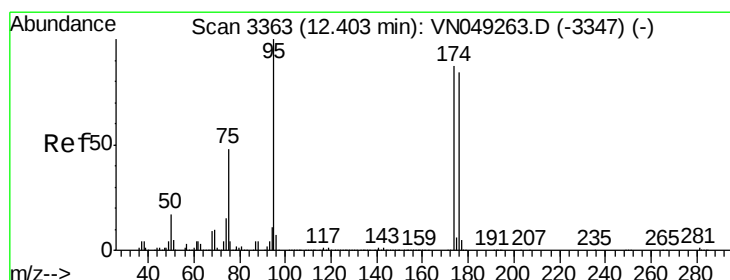
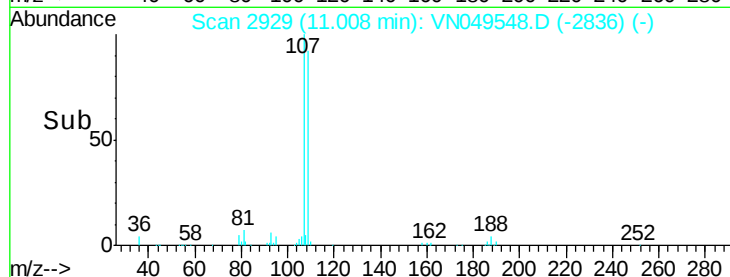
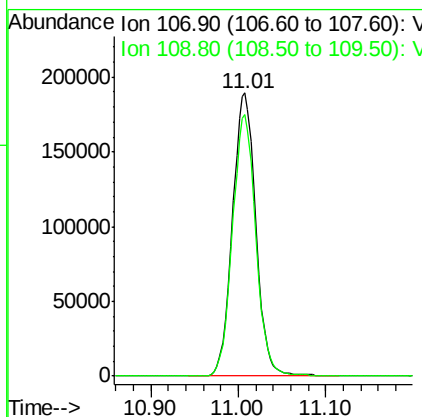
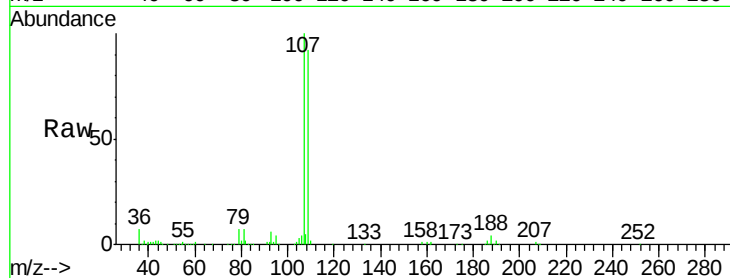
#61
 1,2-Dibromoethane
 Concen: 19.19 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion:107 Resp: 349923
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.2

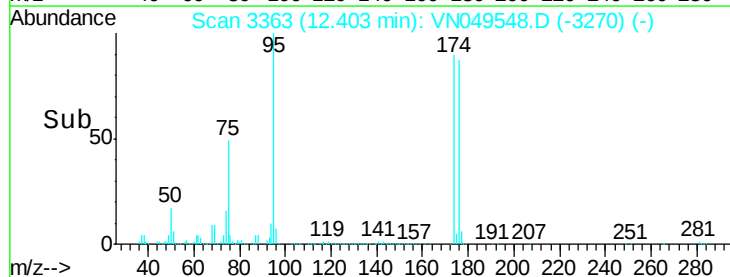
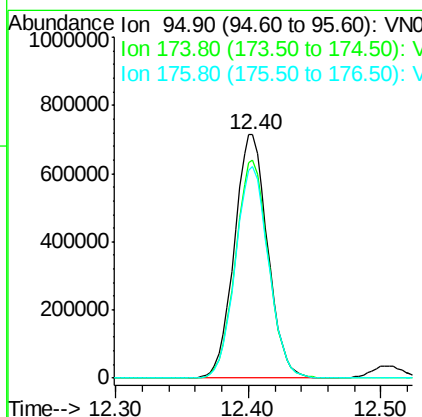
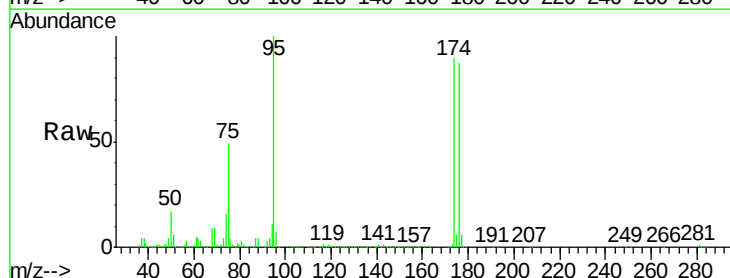
Manual Integrations
 APPROVED

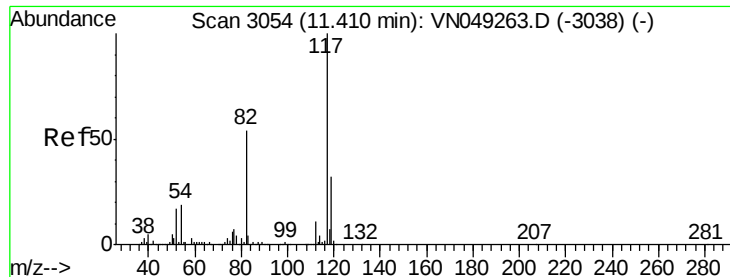
MMDadoda
 6/27/2018 5:29:44 PM



#62
 4-Bromofluorobenzene
 Concen: 47.87 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion: 95 Resp: 1244135
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 165.6
 176 86.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:117 Resp: 2246150

Ion Ratio Lower Upper

117 100

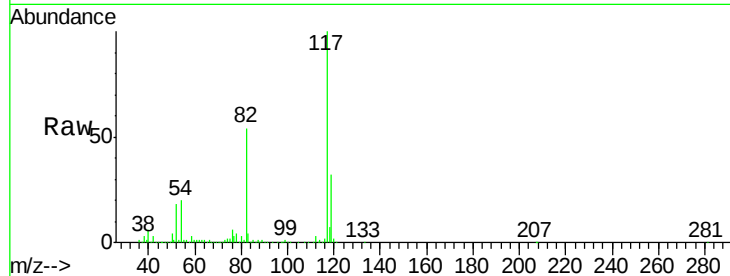
82 54.3 45.9 68.9

119 32.1 25.5 38.3

Manual Integrations
APPROVED

MMDadoda

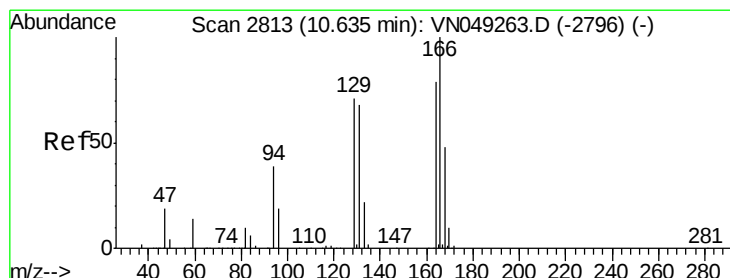
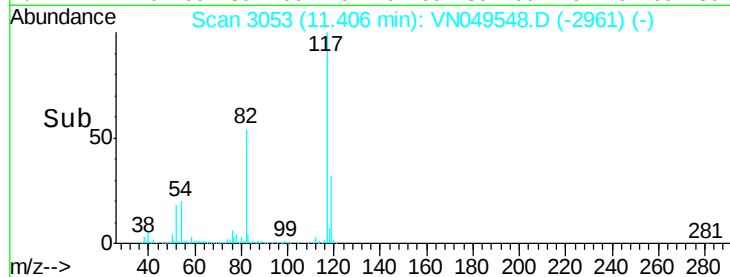
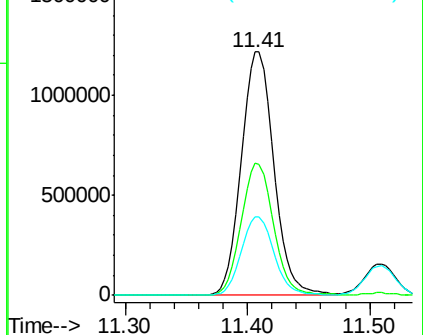
6/27/2018 5:29:44 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 24.64 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:164 Resp: 567143

Ion Ratio Lower Upper

164 100

166 128.7 101.4 152.2

129 89.3 74.1 111.1

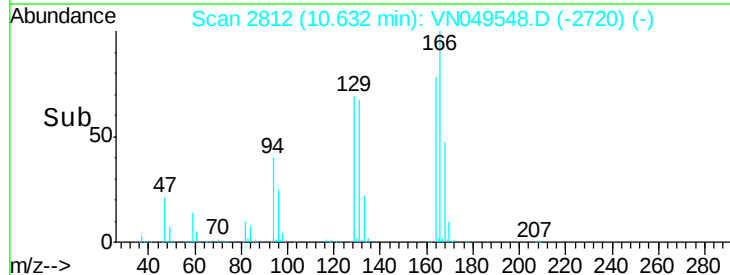
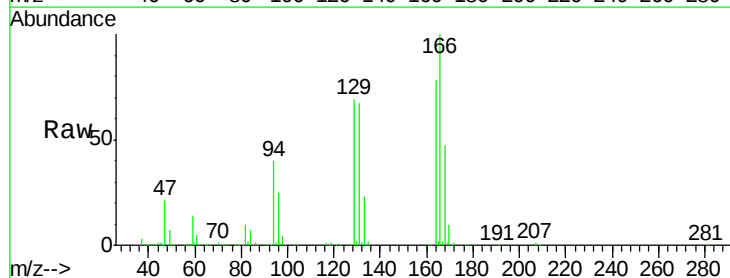
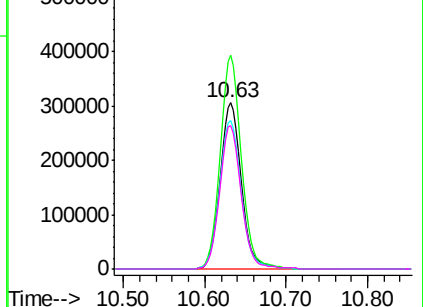
131 86.4 73.7 110.5

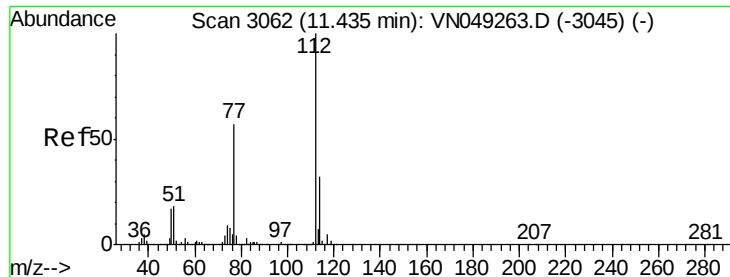
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.26 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:112 Resp: 1114712

Ion Ratio Lower Upper

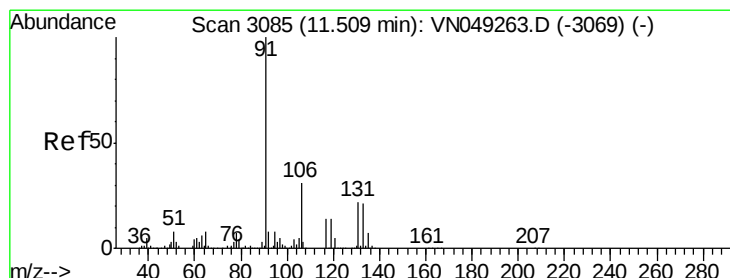
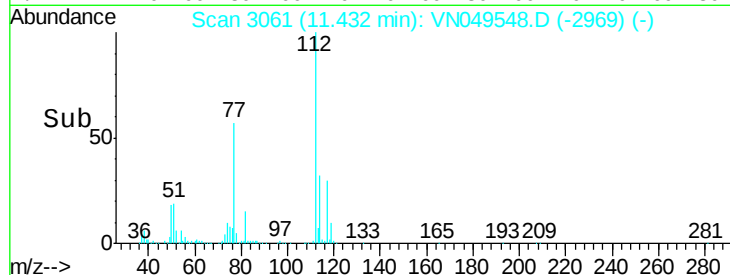
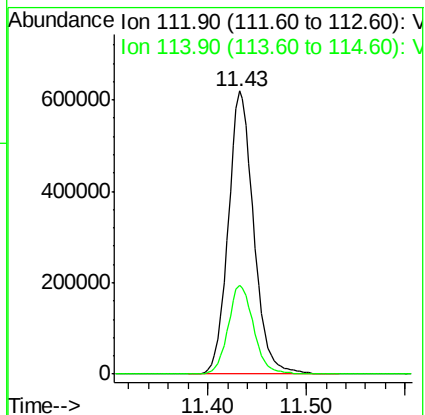
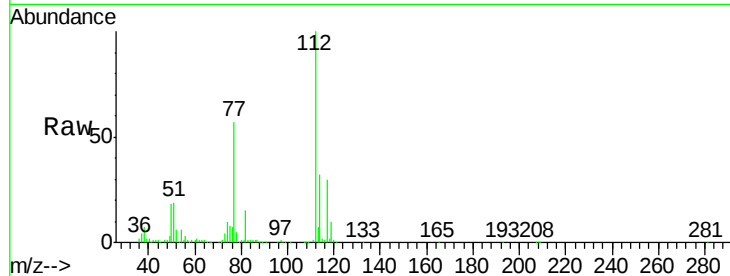
112 100

114 31.5 26.2 39.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.45 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

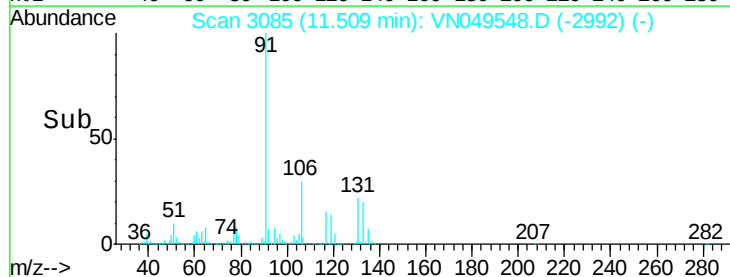
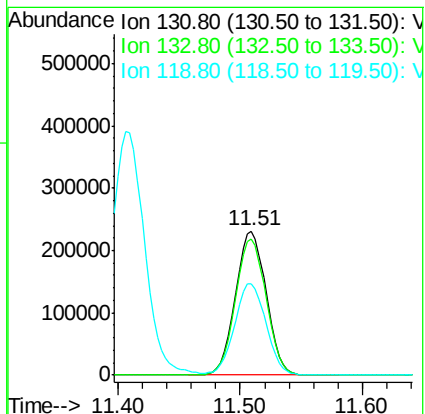
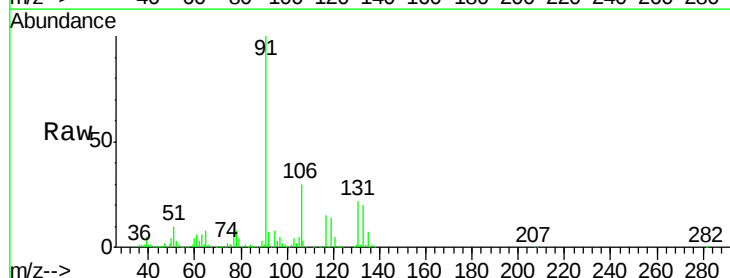
Tgt Ion:131 Resp: 401650

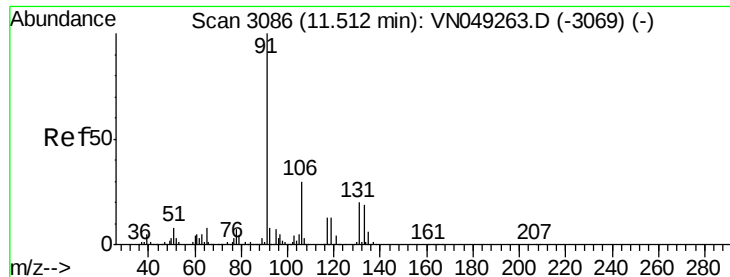
Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

119 64.8 33.6 100.8





#67

Ethyl Benzene

Concen: 19.69 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion: 91 Resp: 1890112

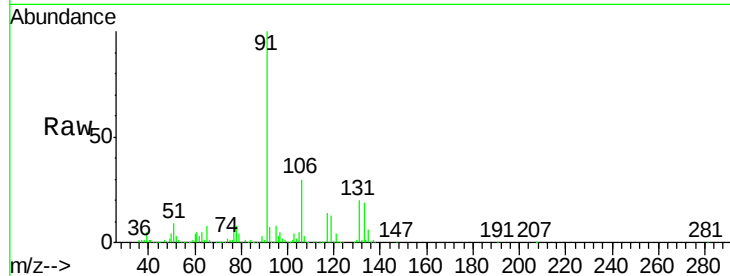
Ion Ratio Lower Upper

91 100

106 30.4 23.9 35.9

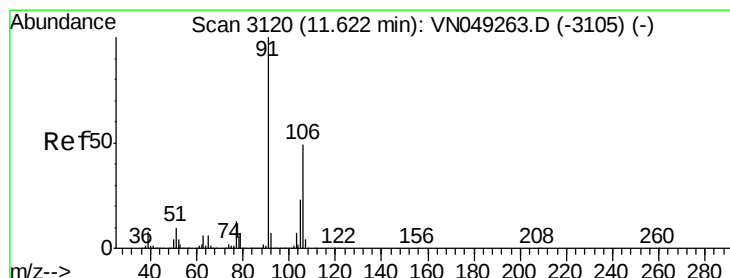
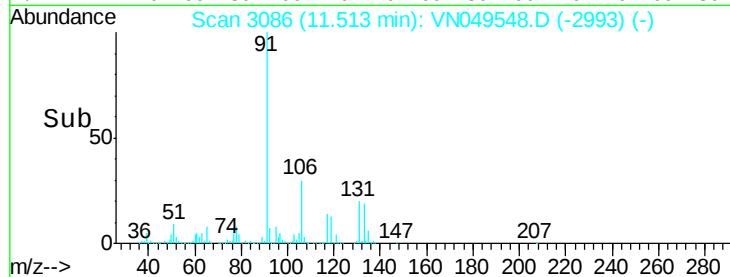
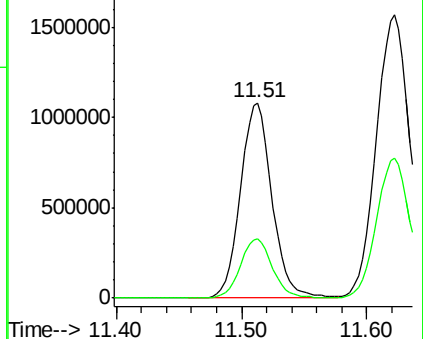
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN049263.D (-3069) (-)



#68

m/p-Xylenes

Concen: 40.69 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049548.D

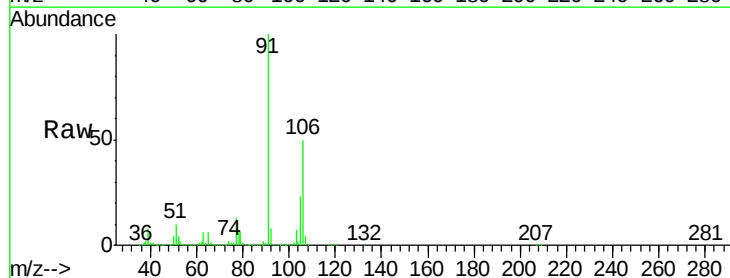
Acq: 26 Jun 2018 13:10

Tgt Ion: 106 Resp: 1465688

Ion Ratio Lower Upper

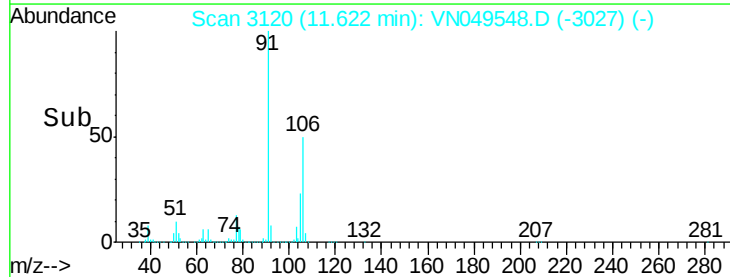
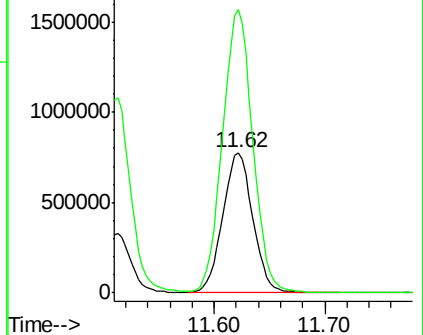
106 100

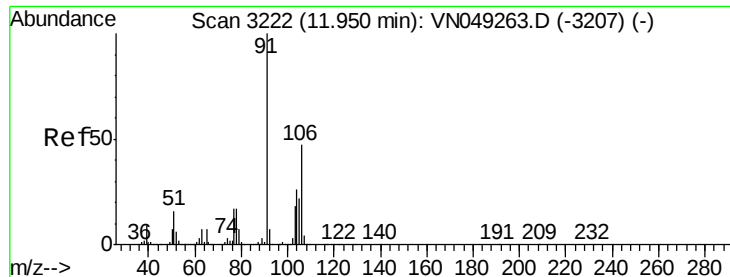
91 203.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049263.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-3105) (-)





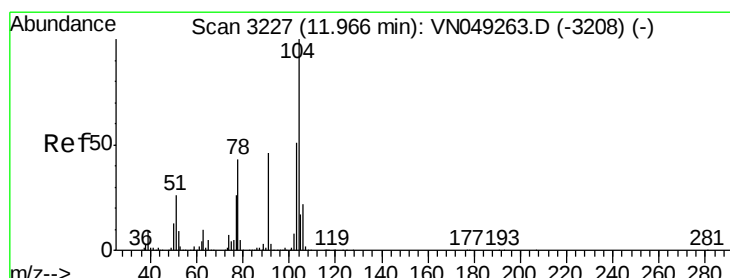
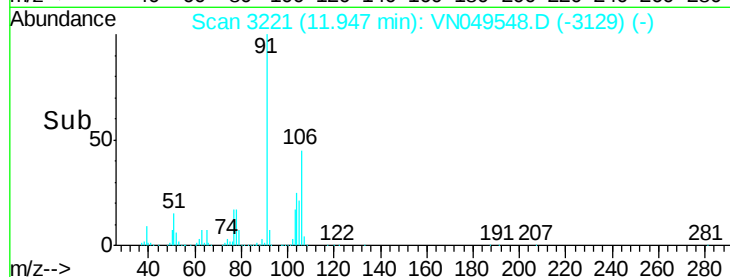
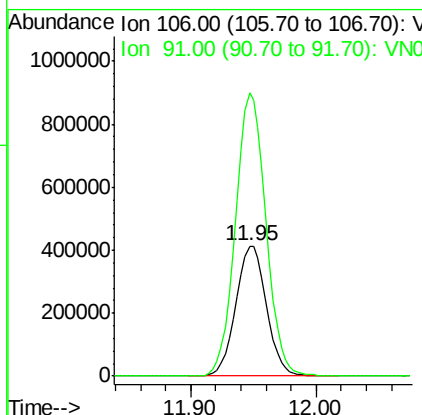
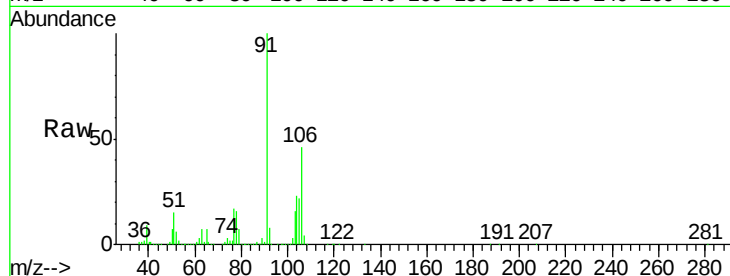
#69
o-Xylene
Concen: 20.22 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.1	111.0	333.0	

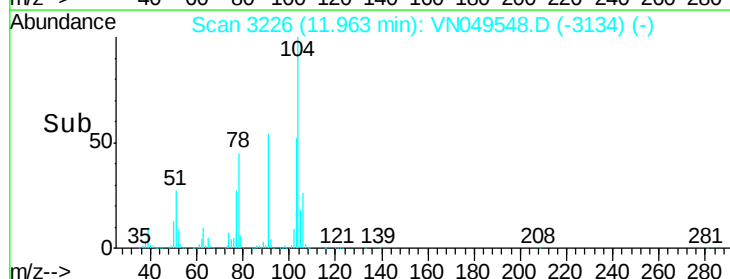
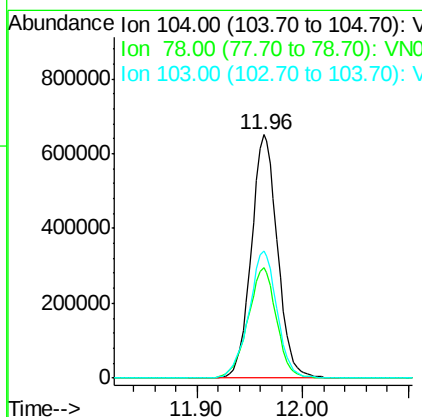
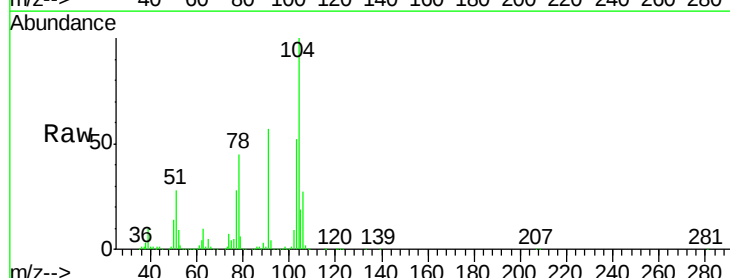
Manual Integrations
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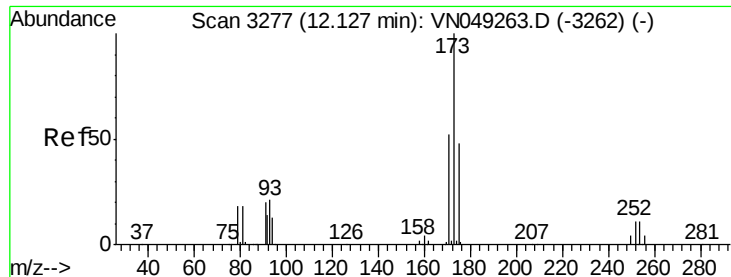
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#70
Styrene
Concen: 20.57 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	41.6	62.4	
103	56.2	45.4	68.2	





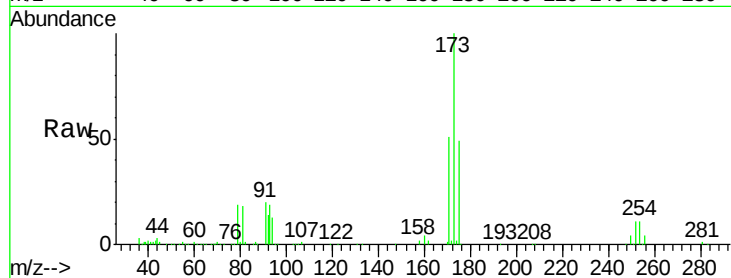
#71
Bromoform
Concen: 17.46 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

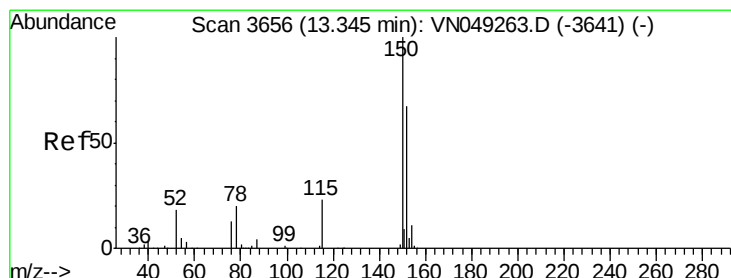
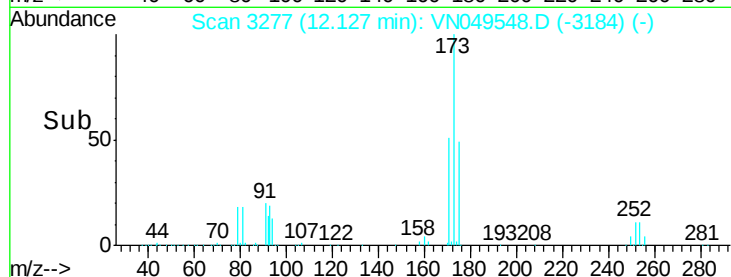
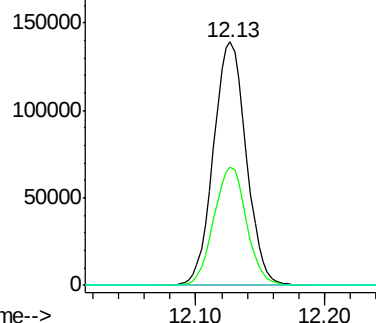
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
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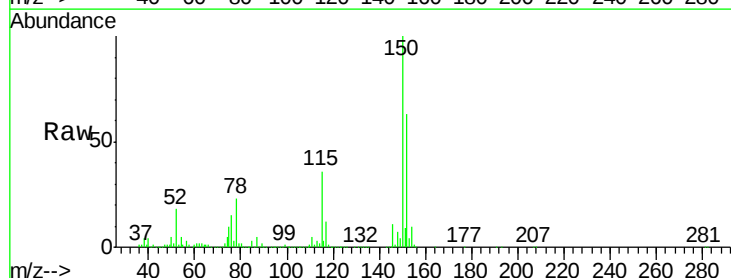


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

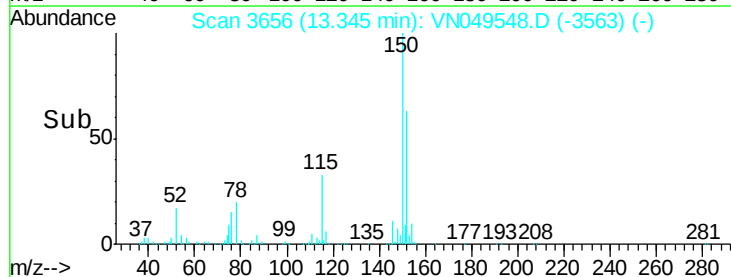
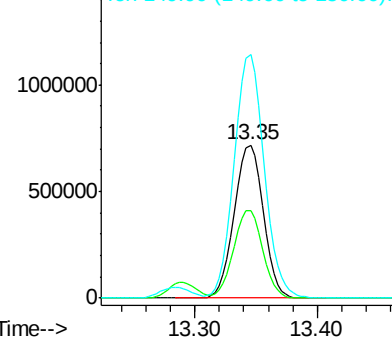


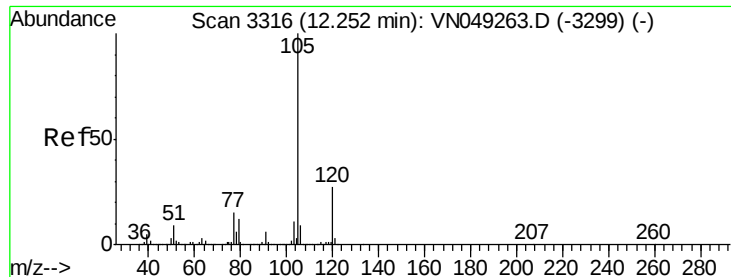
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.7	86.1
150	164.6	0.0	351.0



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: 17.63 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:105 Resp: 1821177

Ion Ratio Lower Upper

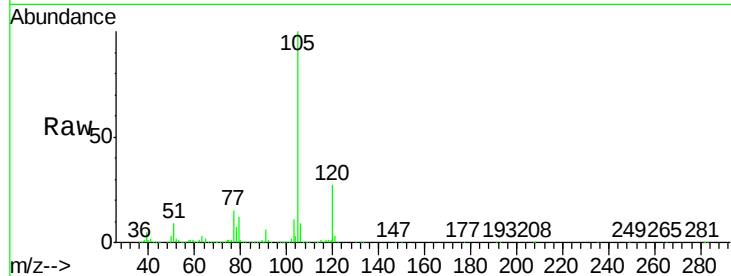
105 100

120 27.1 12.8 38.3

Manual Integrations
APPROVED

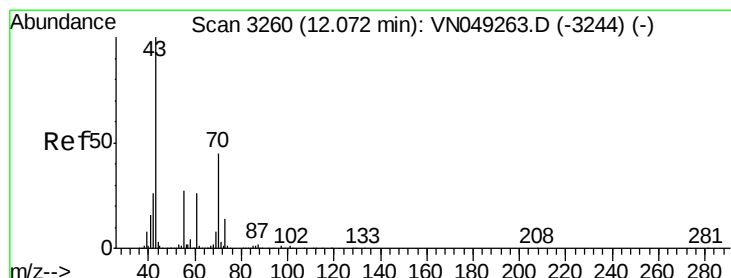
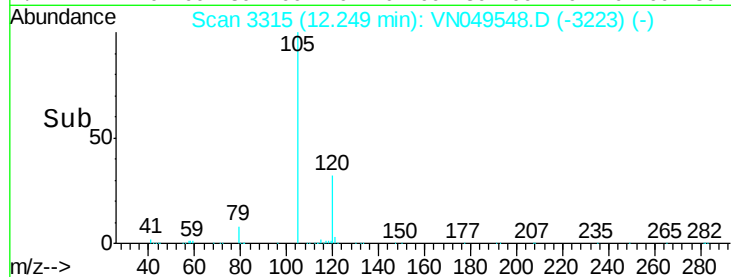
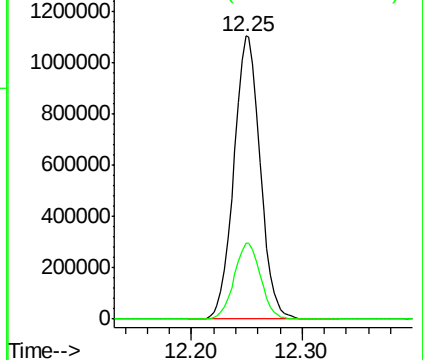
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.71 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion: 43 Resp: 498789

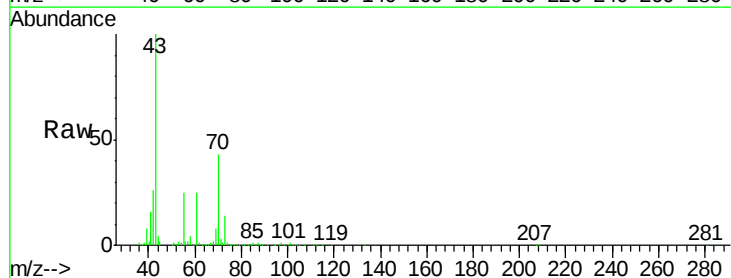
Ion Ratio Lower Upper

43 100

70 43.0 30.3 45.5

55 26.1 19.4 29.2

61 25.0 17.8 26.6

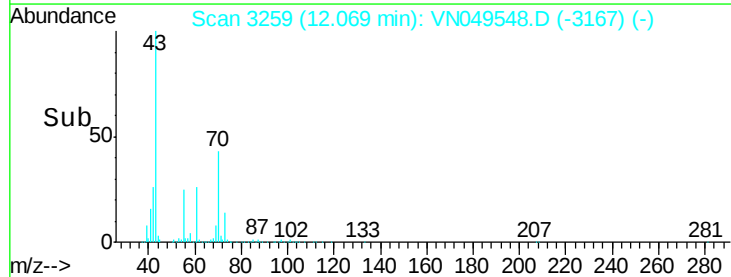
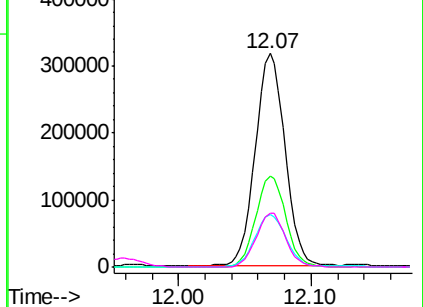


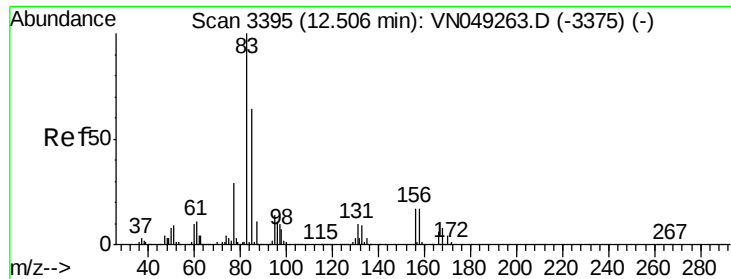
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.03 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

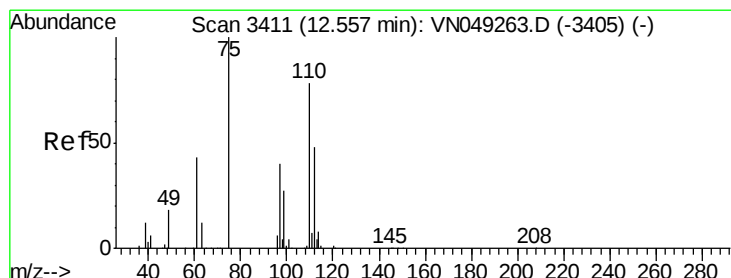
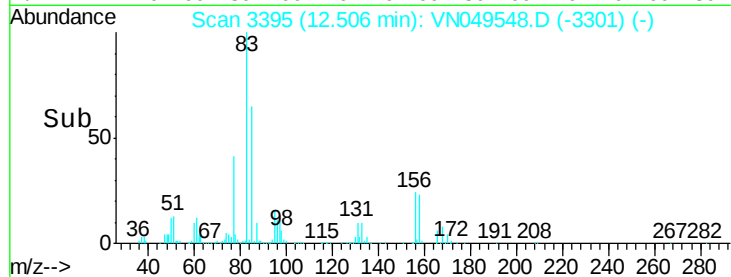
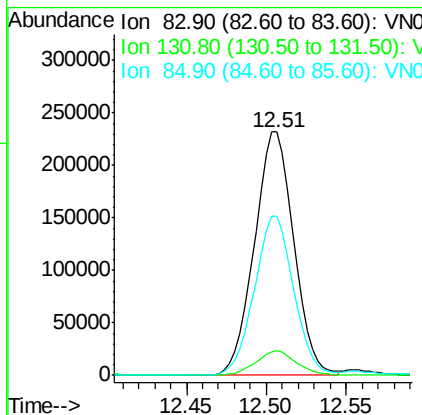
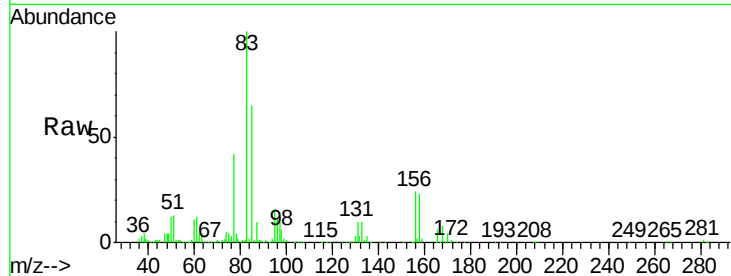
ClientSampleId :

VN0626WBS01

Tot Ion:	83	Resp:	393322
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	65.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.62 ug/l m

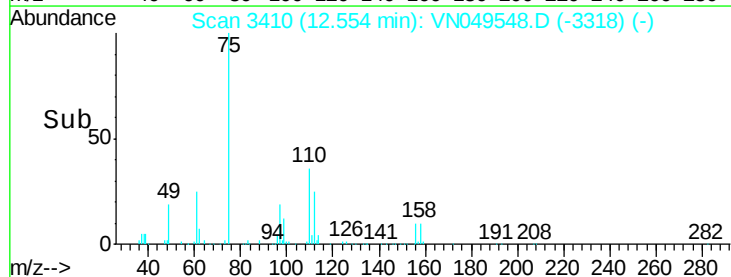
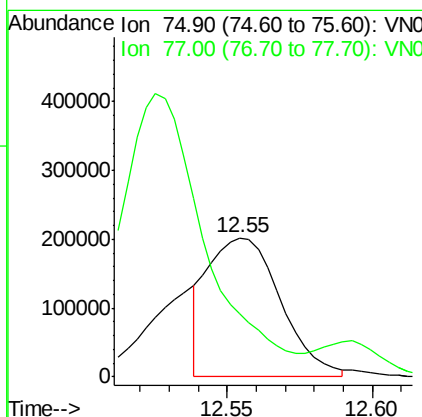
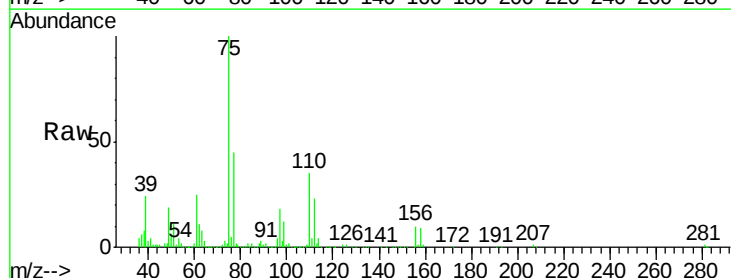
RT: 12.55 min Scan# 3410

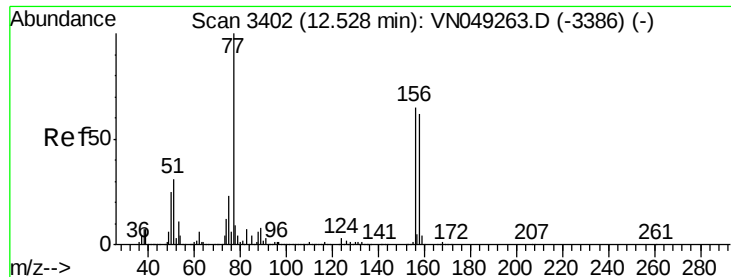
Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	75	Resp:	353712
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.35 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

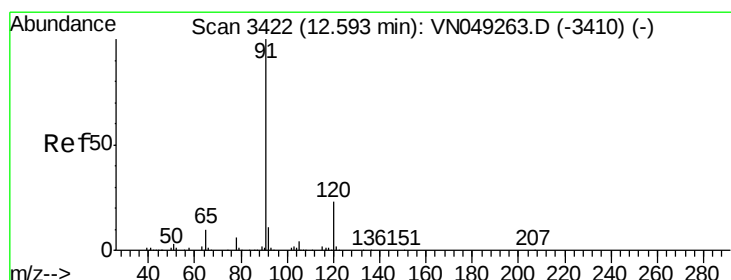
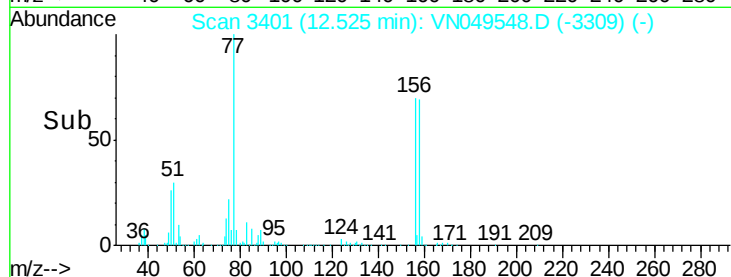
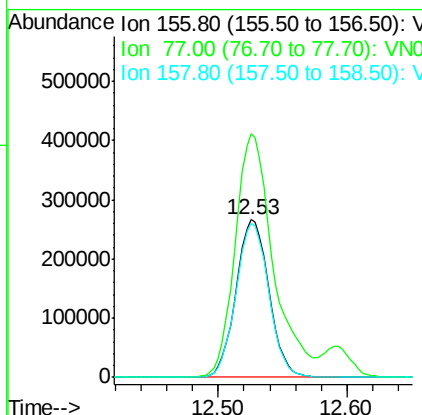
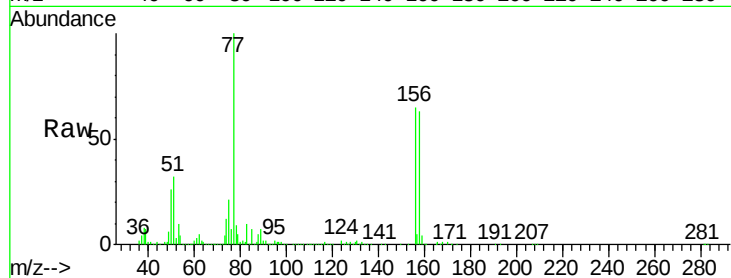
ClientSampleId :

VN0626WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.4	100.8	302.4
158	97.4	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 18.78 ug/l

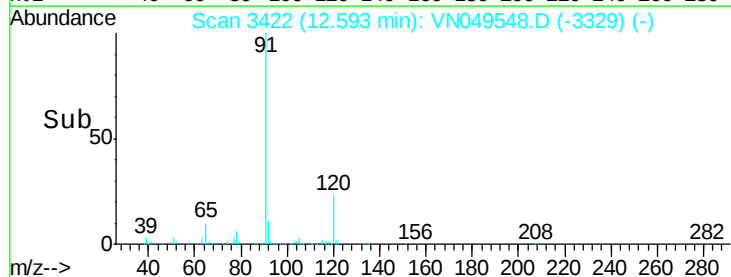
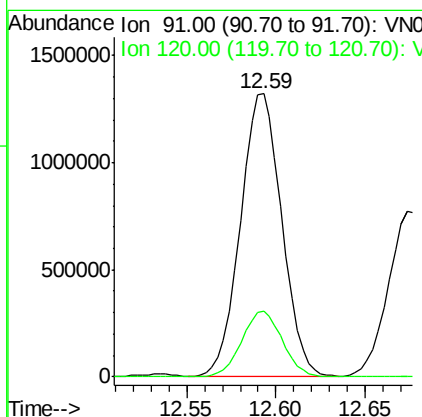
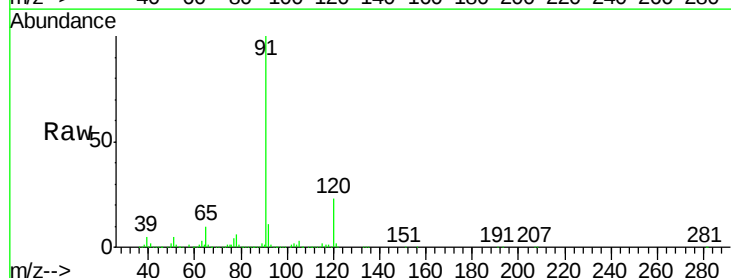
RT: 12.59 min Scan# 3422

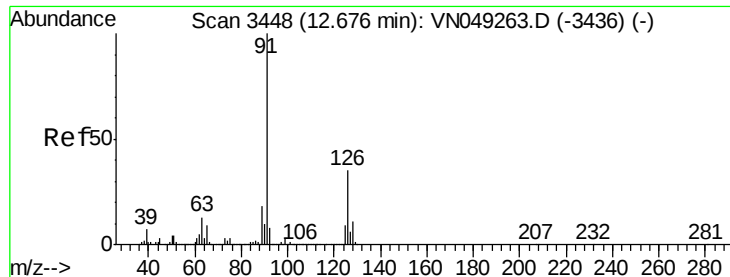
Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 17.87 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion: 91 Resp: 1284010

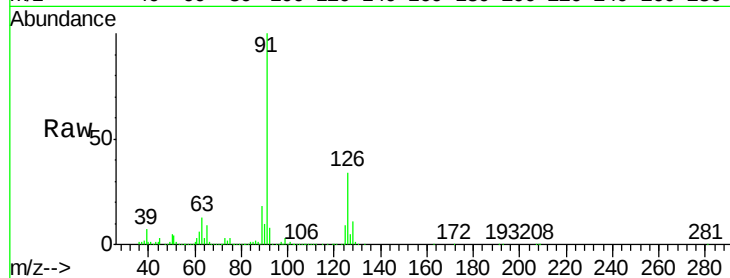
Ion Ratio Lower Upper

91 100

126 34.8 16.6 49.8

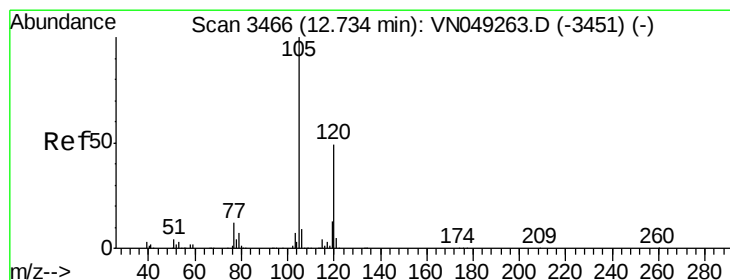
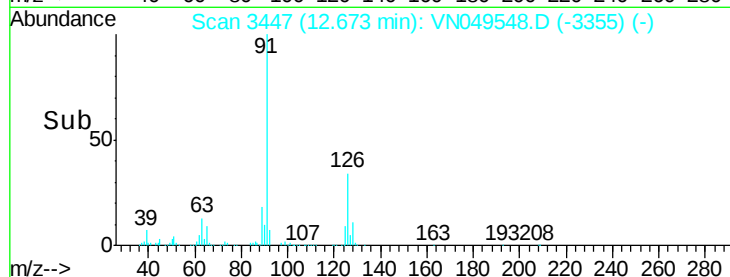
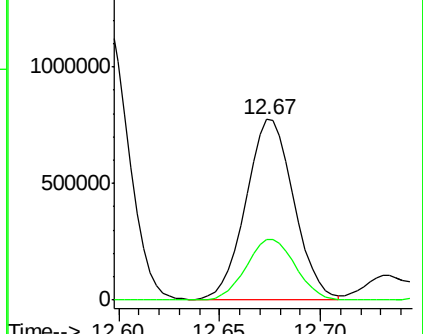
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.18 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049548.D

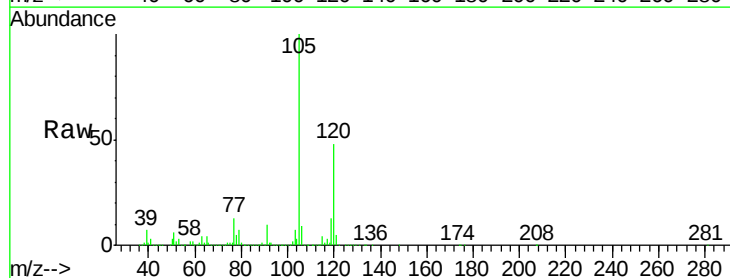
Acq: 26 Jun 2018 13:10

Tgt Ion: 105 Resp: 1557570

Ion Ratio Lower Upper

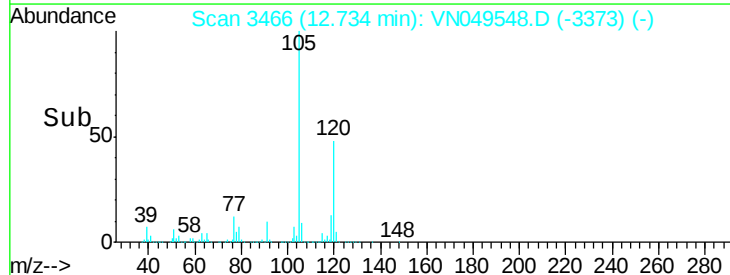
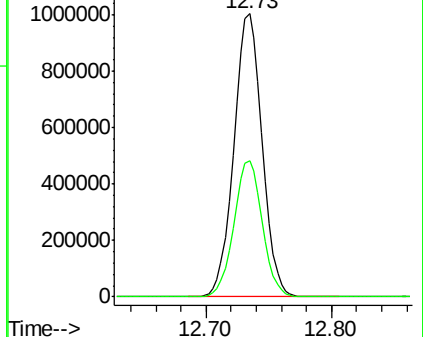
105 100

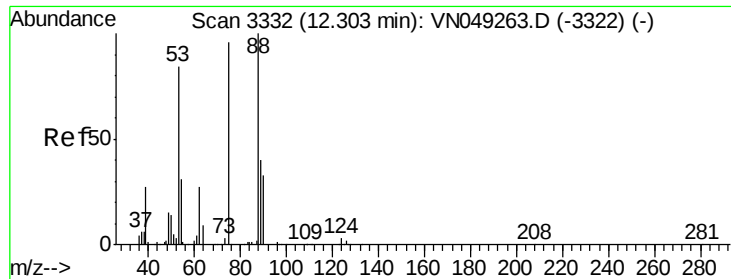
120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.35 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

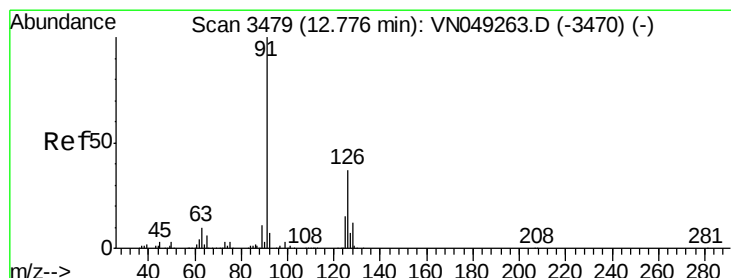
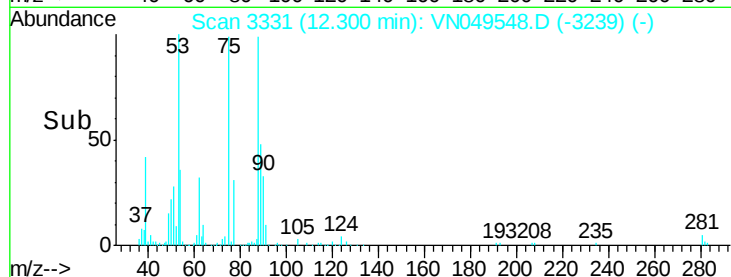
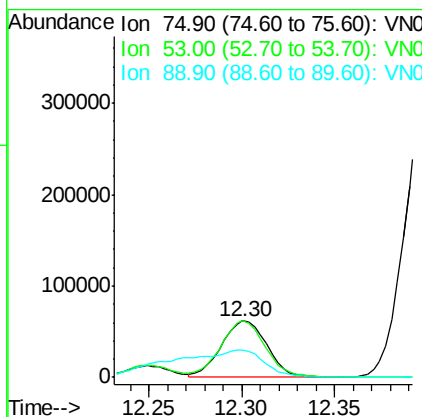
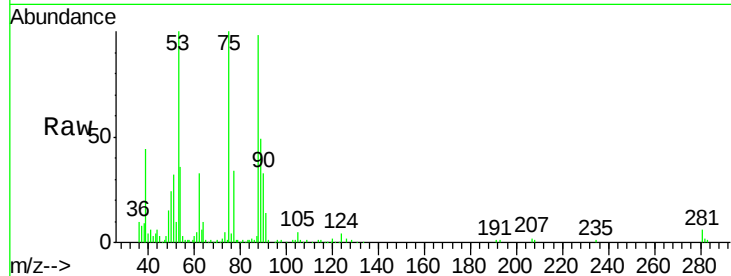
ClientSampleId :

VN0626WBS01

Tot Ion:	75	Resp:	103862
Ion Ratio	Lower	Upper	
75	100		
53	99.9	82.7	124.1
89	99.8	36.5	54.7#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.99 ug/l

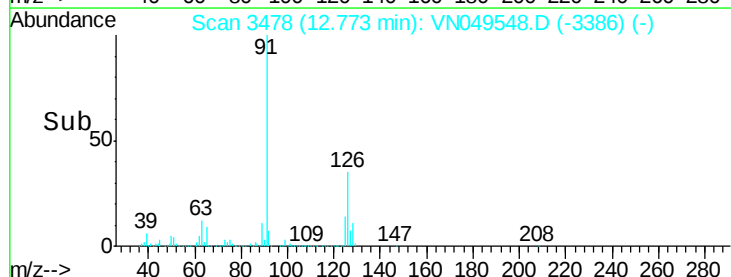
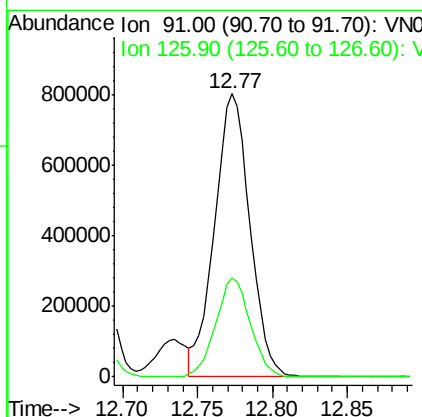
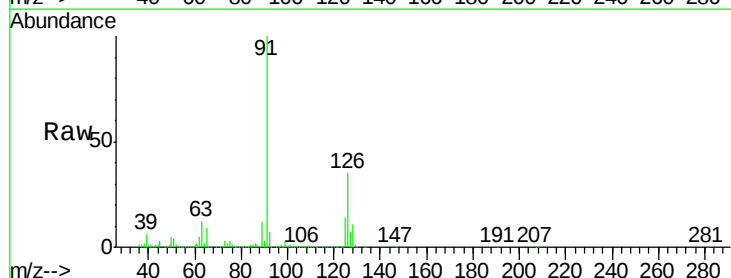
RT: 12.77 min Scan# 3478

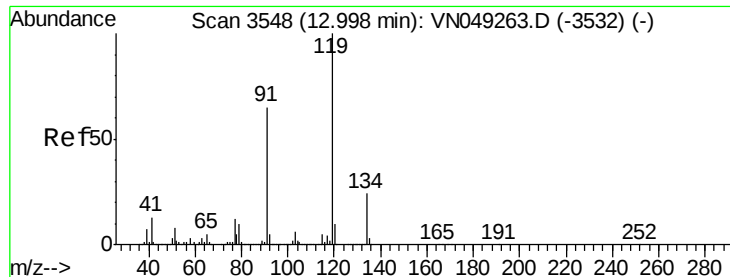
Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion:	91	Resp:	1317018
Ion Ratio	Lower	Upper	
91	100		
126	34.3	16.4	49.1





#83

tert-Butylbenzene

Concen: 18.08 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion:119 Resp: 1300684

Ion Ratio Lower Upper

119 100

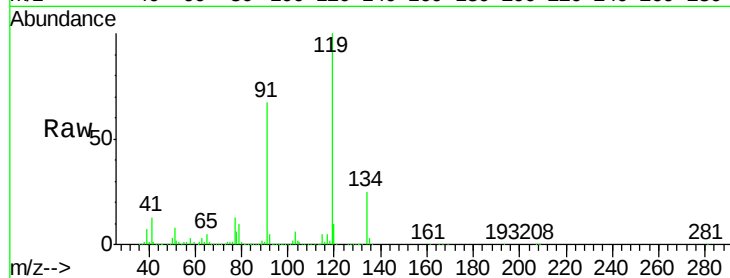
91 64.9 33.7 101.0

134 25.8 12.9 38.6

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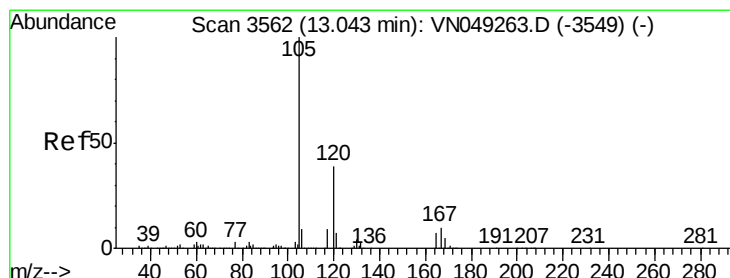
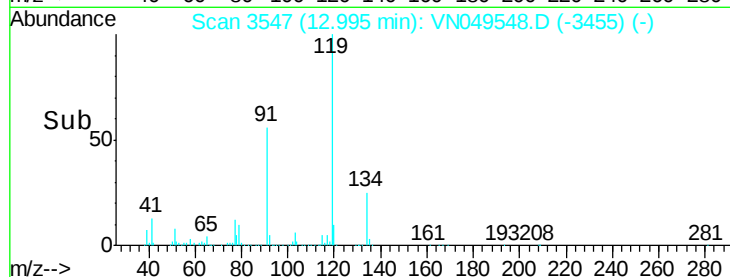
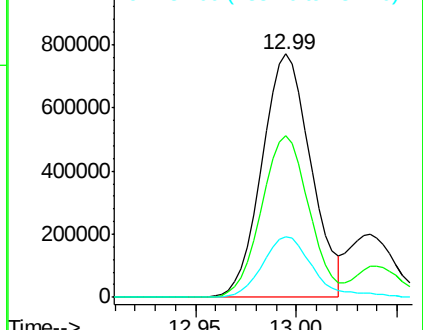
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.80 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049548.D

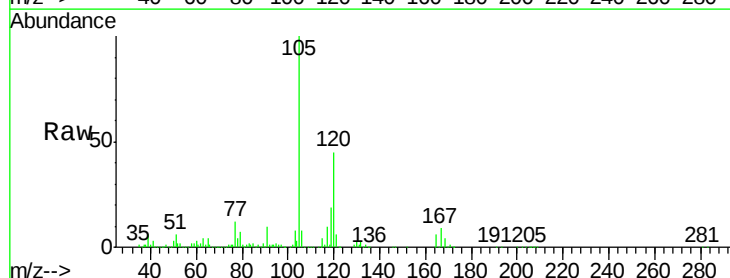
Acq: 26 Jun 2018 13:10

Tgt Ion:105 Resp: 1597386

Ion Ratio Lower Upper

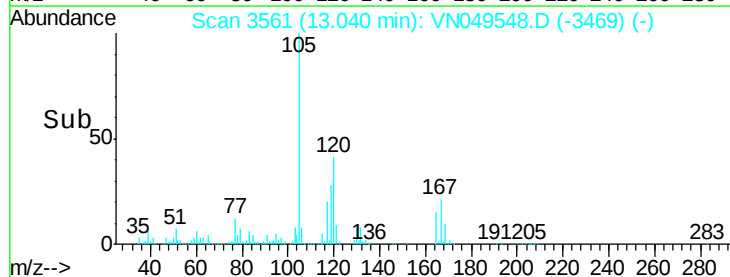
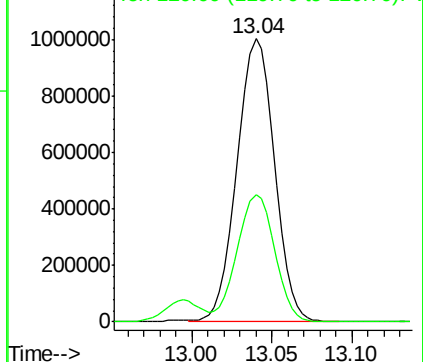
105 100

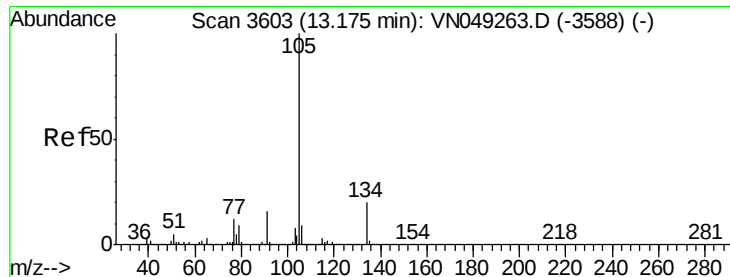
120 45.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.32 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:105 Resp: 1753634

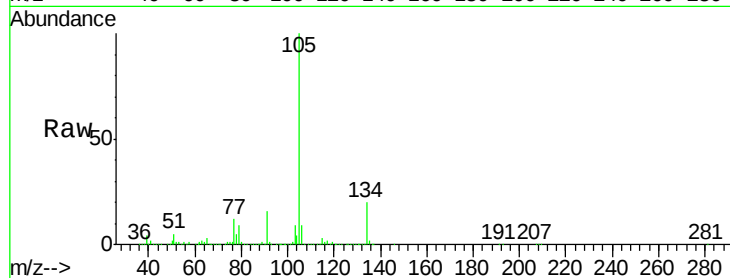
Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.3

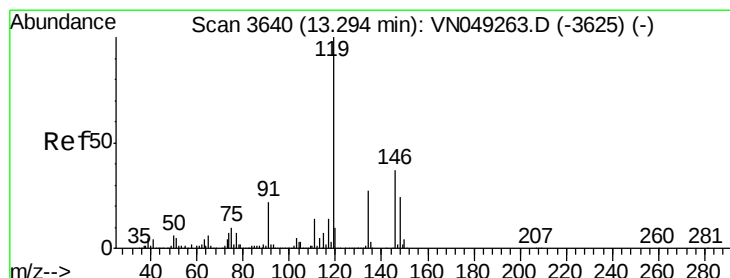
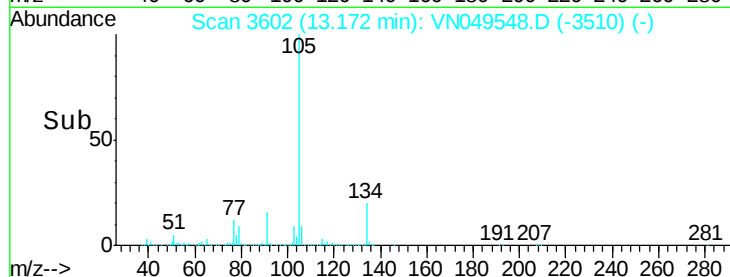
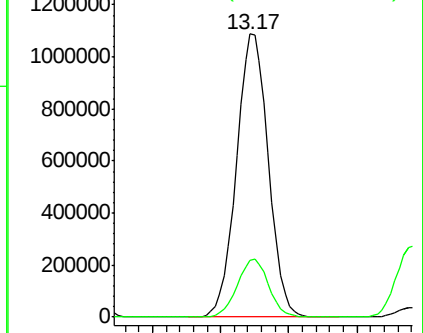
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.45 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

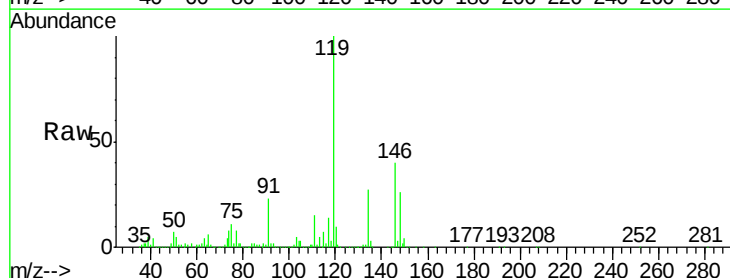
Tgt Ion:119 Resp: 1555517

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

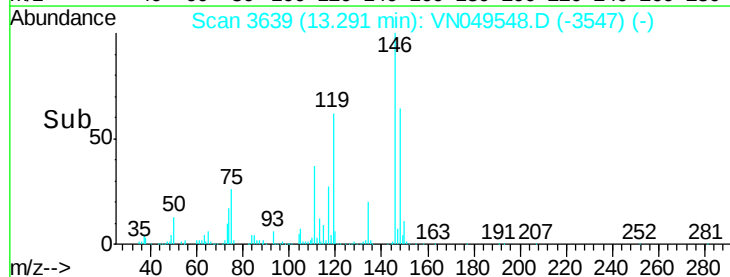
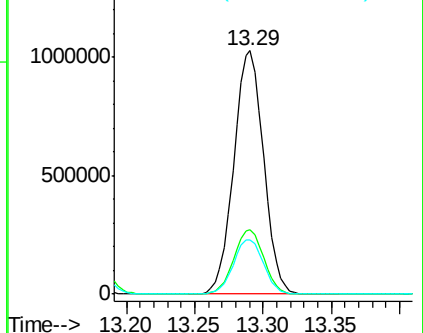
91 22.8 12.1 36.3

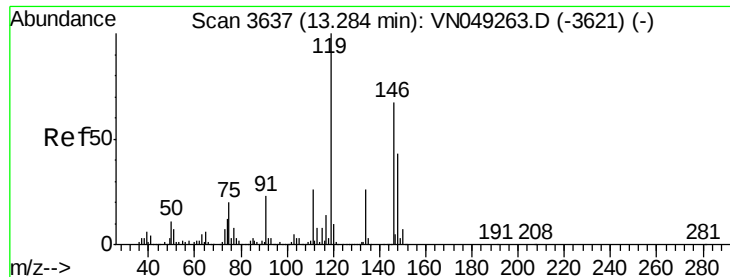


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





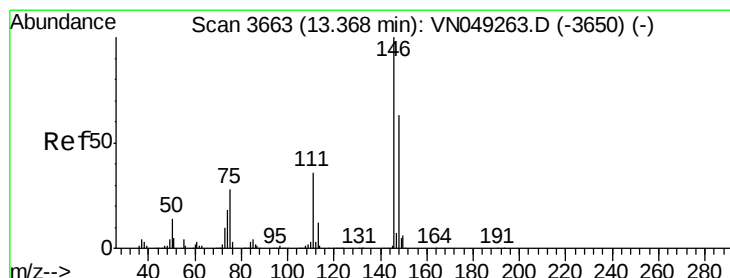
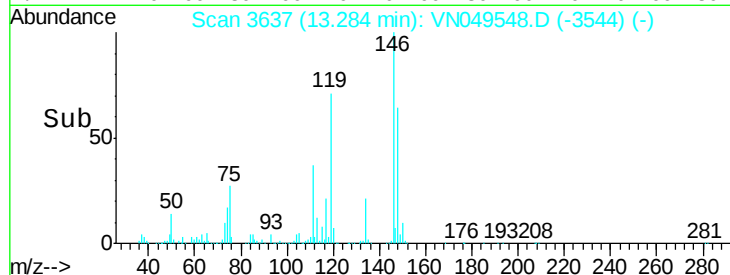
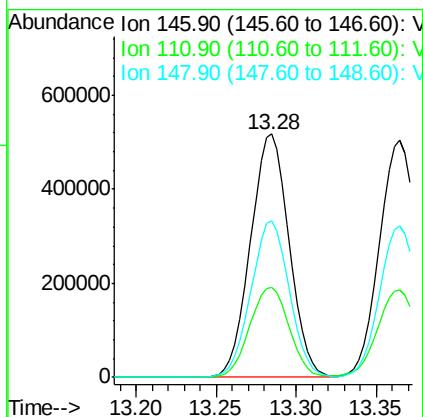
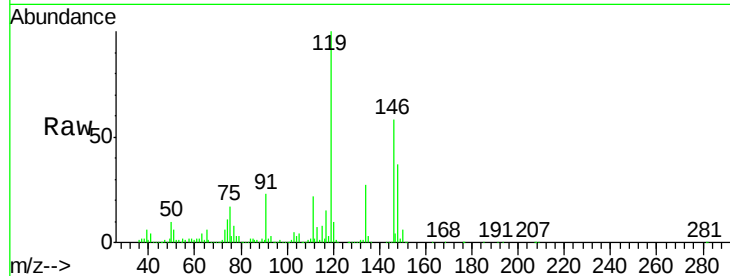
#87
 1,3-Dichlorobenzene
 Concen: 19.07 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.9	59.6
148	64.0	32.1	96.5

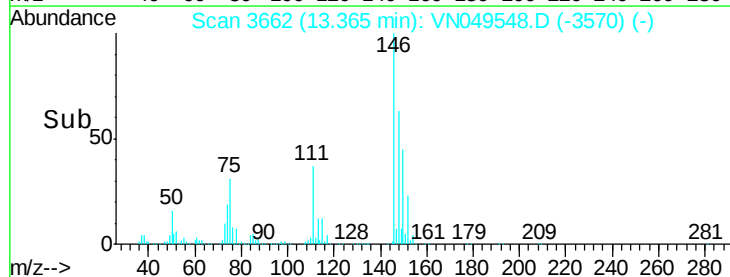
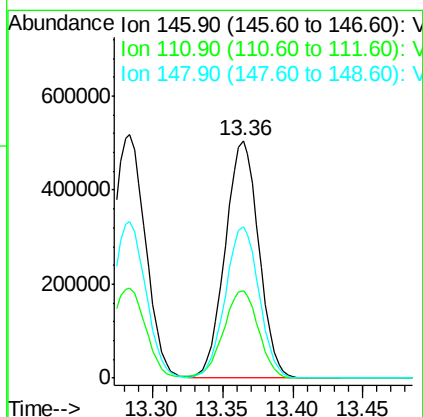
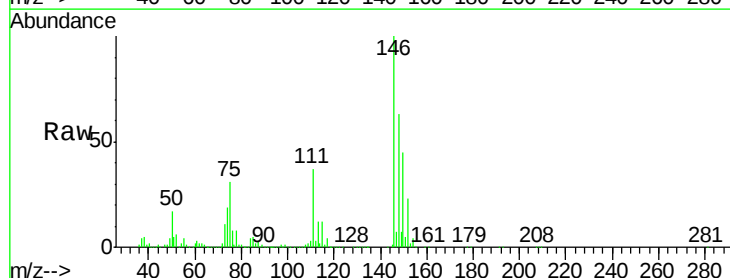
Manual Integrations
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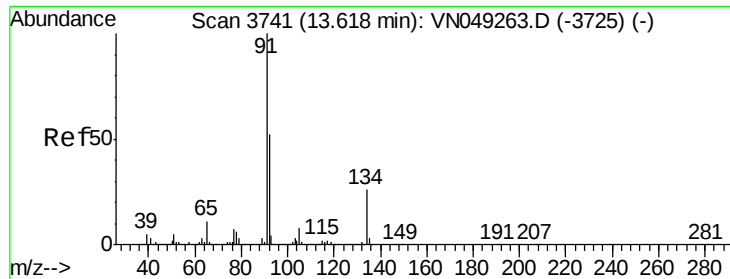
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#88
 1,4-Dichlorobenzene
 Concen: 18.89 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.1	32.0	96.2





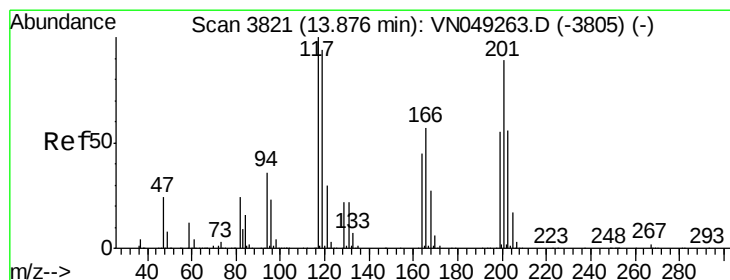
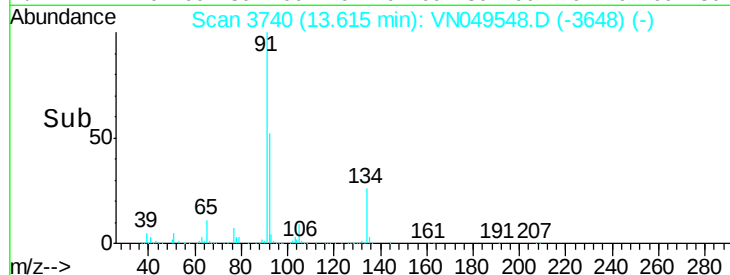
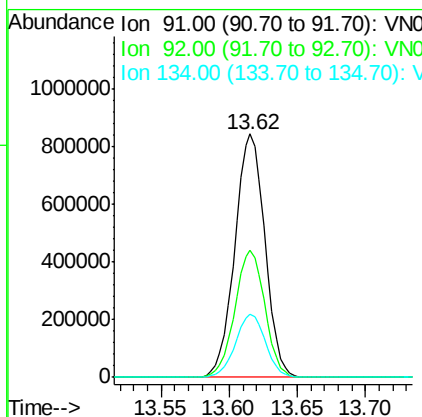
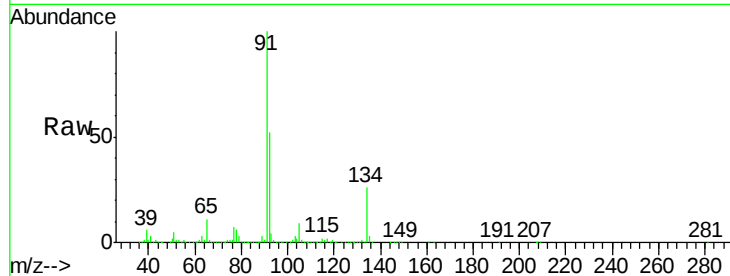
#89
n-Butylbenzene
Concen: 20.62 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion: 91 Resp: 1288160
Ion Ratio Lower Upper
91 100
92 52.2 25.1 75.4
134 26.1 12.0 36.0

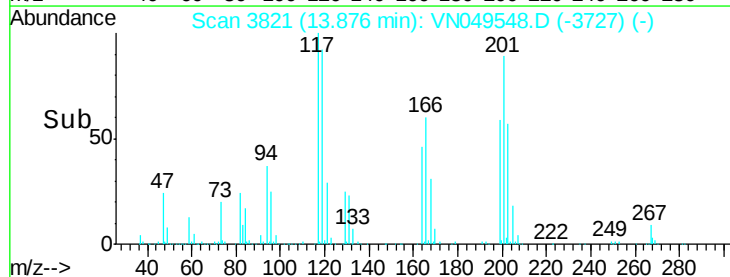
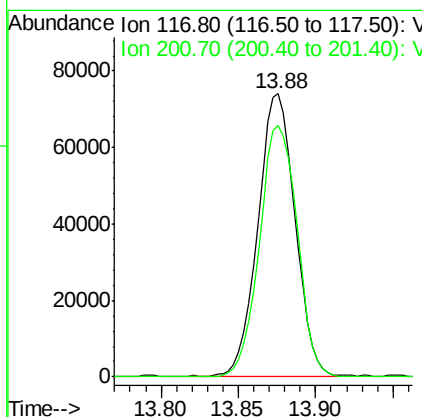
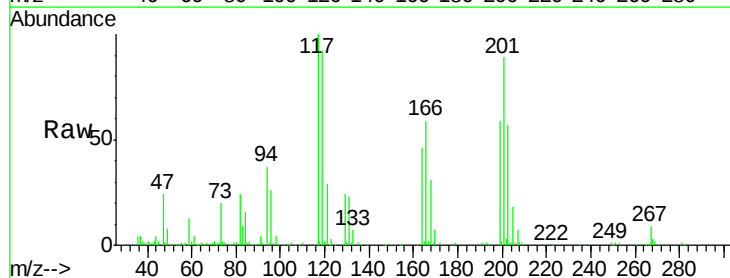
Manual Integrations
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#90
Hexachloroethane
Concen: 6.76 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049548.D
Acq: 26 Jun 2018 13:10

Tgt Ion: 117 Resp: 124565
Ion Ratio Lower Upper
117 100
201 89.8 40.1 120.2





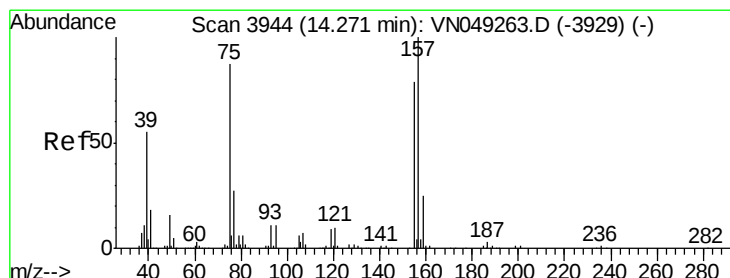
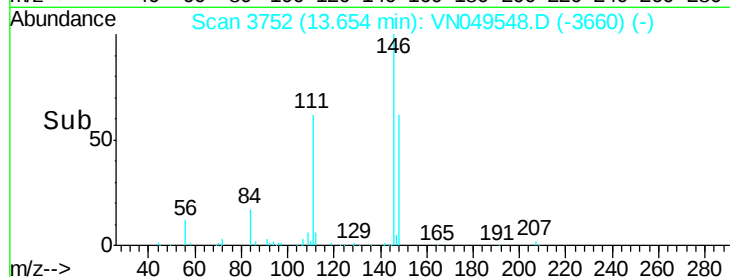
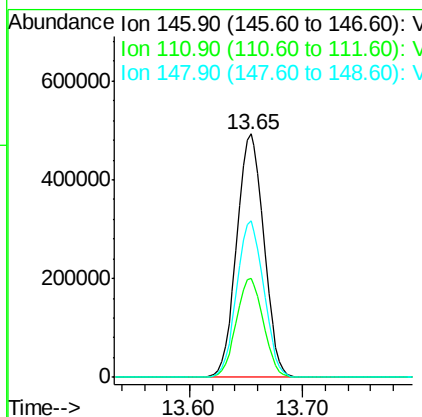
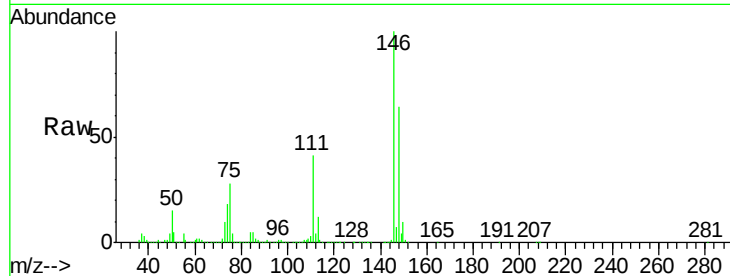
#91
 1,2-Dichlorobenzene
 Concen: 18.79 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.2
148	64.2	32.0	96.2

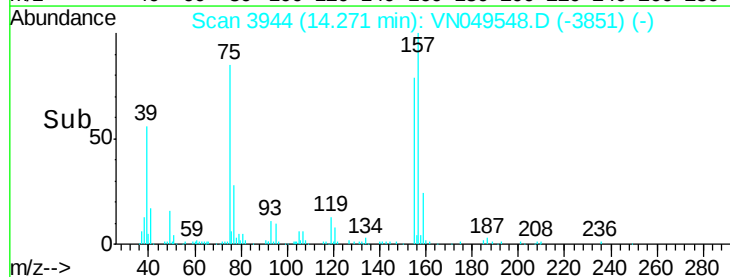
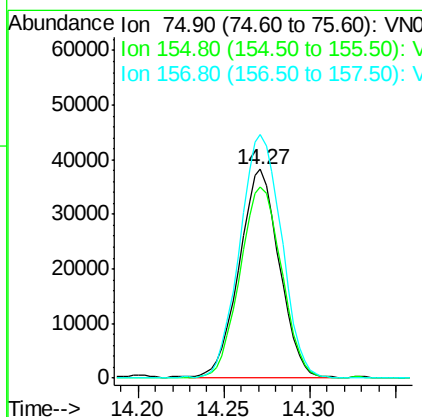
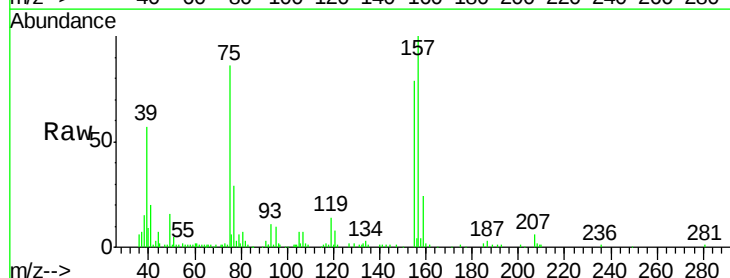
Manual Integrations
 APPROVED

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 6/27/2018 5:29:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.30 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	38.8	116.3
157	121.3	51.0	153.1





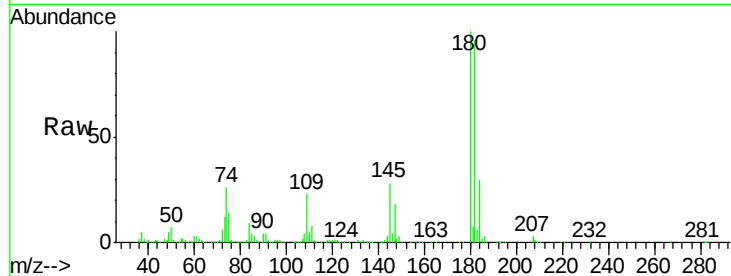
#93
 1,2,4-Trichlorobenzene
 Concen: 25.68 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

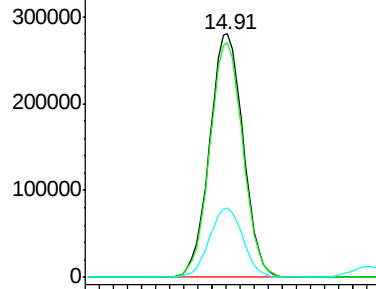
Tot Ion	Ratio	Resp	Lower	Upper
180	100	466827		
182	95.2	46.9	140.8	
145	28.4	14.7	44.1	

Manual Integrations
 APPROVED

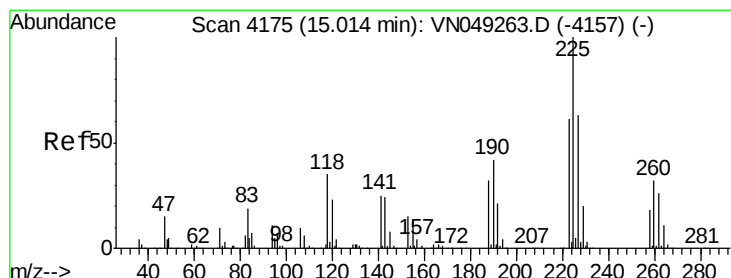
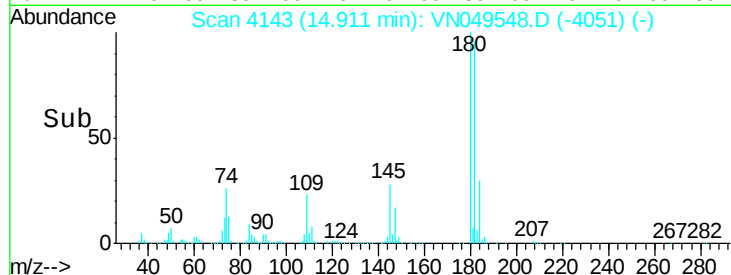
MMDadoda
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

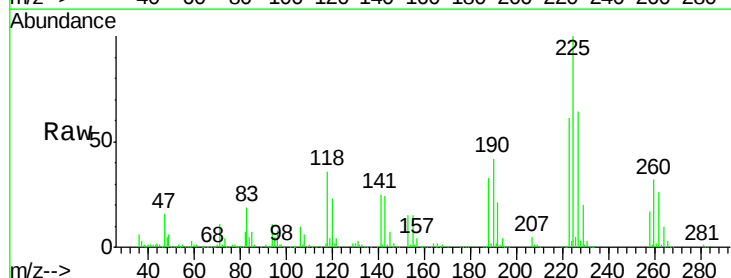


Time-->

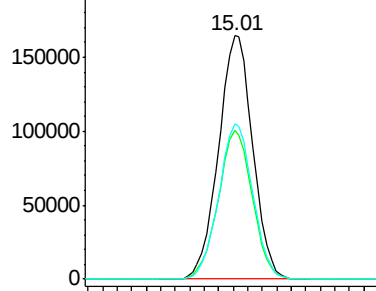


#94
 Hexachlorobutadiene
 Concen: 19.30 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049548.D
 Acq: 26 Jun 2018 13:10

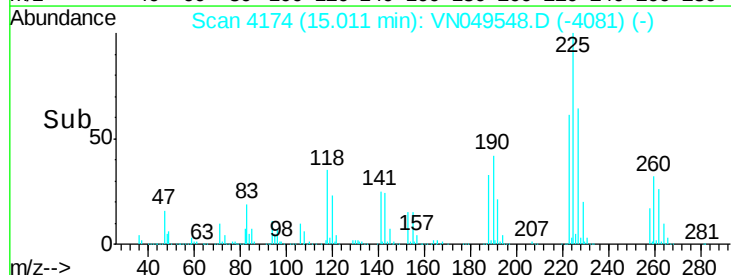
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	270023		
223	60.8	32.1	96.3	
227	63.5	31.8	95.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 29.99 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Instrument :

MSVOA_N

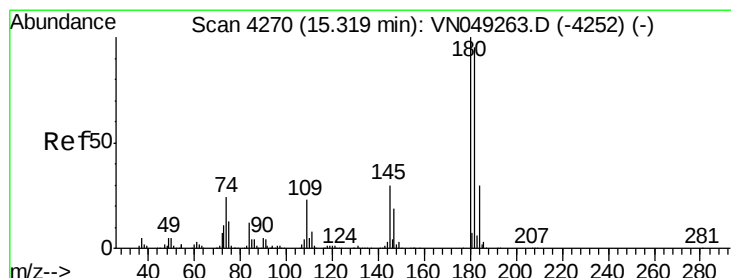
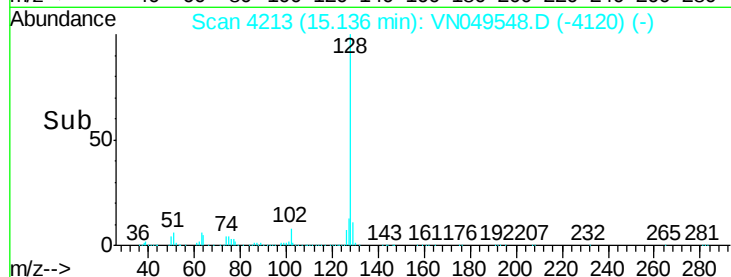
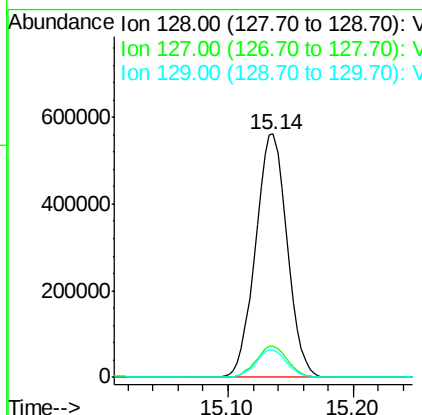
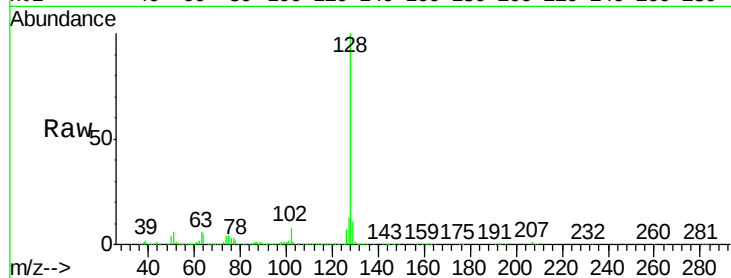
ClientSampled :

VN0626WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		986470		
127	12.8		10.6	16.0	
129	11.1		8.5	12.7	

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 24.21 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049548.D

Acq: 26 Jun 2018 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		439824		
182	95.9		47.3	141.8	
145	30.6		15.6	46.7	

