

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049488.D
 Acq On : 22 Jun 2018 13:47
 Operator : MD\SY
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

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 6/25/2018 4:23:20 PM

Quant Time: Jun 22 22:31:36 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	7.67	168	1406360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2036374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	871155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	838919	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.59	113	767752	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.09	98	2797295	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.40	95	936393	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	282779	17.47	ug/l	99
3) Chloromethane	2.06	50	357275	17.09	ug/l	98
4) Vinyl Chloride	2.18	62	389226	17.52	ug/l	98
5) Bromomethane	2.57	94	214308	18.35	ug/l	94
6) Chloroethane	2.71	64	245387	18.53	ug/l	99
7) Trichlorofluoromethane	3.02	101	517250	18.66	ug/l	100
8) Diethyl Ether	3.41	74	177255	18.32	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	325079	18.49	ug/l	93
10) Methyl Iodide	3.95	142	328679	17.96	ug/l	92
11) Tert butyl alcohol	4.80	59	99723	91.09	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	290871	18.04	ug/l	90
13) Acrolein	3.61	56	83639	72.85	ug/l	99
14) Allyl chloride	4.32	41	449573	17.66	ug/l	90
15) Acrylonitrile	4.99	53	491162	89.72	ug/l	98
16) Acetone	3.82	43	453356	100.10	ug/l	95
17) Carbon Disulfide	4.05	76	827430	16.37	ug/l	100
18) Methyl Acetate	4.33	43	260553	18.87	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	757196	18.42	ug/l	99
20) Methylene Chloride	4.55	84	350873	18.55	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	301769	17.68	ug/l	91
22) Diisopropyl ether	5.95	45	965048	18.98	ug/l	95
23) Vinyl Acetate	5.90	43	2962005	89.36	ug/l #	95
24) 1,1-Dichloroethane	5.85	63	598885	18.40	ug/l	98
25) 2-Butanone	6.84	43	569114	93.58	ug/l	96
26) 2,2-Dichloropropane	6.82	77	500618	19.05	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	338298	17.82	ug/l	94
28) Bromochloromethane	7.19	49	266976	18.50	ug/l	85
29) Tetrahydrofuran	7.22	42	349113	89.18	ug/l	92
30) Chloroform	7.37	83	604273	18.66	ug/l	99
31) Cyclohexane	7.65	56	501025	18.05	ug/l #	89
32) 1,1,1-Trichloroethane	7.57	97	512934	18.56	ug/l	97
36) 1,1-Dichloropropene	7.79	75	433706	18.58	ug/l	96
37) Ethyl Acetate	6.93	43	247129	19.48	ug/l	99
38) Carbon Tetrachloride	7.77	117	461673	19.11	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations
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 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)
39) Methylcyclohexane	9.08	83	451636	18.03	ug/l	99
40) Benzene	8.04	78	1337761	18.70	ug/l	99
41) Methacrylonitrile	7.18	41	136527	19.90	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	424290	19.19	ug/l	97
43) Isopropyl Acetate	8.17	43	448915	18.52	ug/l	98
44) Trichloroethene	8.84	130	364144	19.27	ug/l	92
45) 1,2-Dichloropropane	9.12	63	352468	18.81	ug/l	99
46) Dibromomethane	9.21	93	204784	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	453387	18.99	ug/l	97
48) Methyl methacrylate	9.20	41	220570	19.32	ug/l	88
49) 1,4-Dioxane	9.20	88	57863	367.24	ug/l #	91
51) 4-Methyl-2-Pentanone	9.99	43	1208869	95.15	ug/l	94
52) Toluene	10.16	92	822091	19.58	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	417281	18.27	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	497363	18.44	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	295855	18.90	ug/l	97
56) Ethyl methacrylate	10.43	69	334116	18.50	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	487620	18.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	353854	65.99	ug/l	95
59) 2-Hexanone	10.75	43	788692	96.28	ug/l	95
60) Dibromochloromethane	10.90	129	323443	18.51	ug/l	100
61) 1,2-Dibromoethane	11.01	107	274210	18.84	ug/l	99
64) Tetrachloroethene	10.63	164	405088	21.47	ug/l	98
65) Chlorobenzene	11.44	112	893006	18.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	334479	18.74	ug/l	99
67) Ethyl Benzene	11.51	91	1490858	18.95	ug/l	97
68) m/p-Xylenes	11.62	106	1145614	38.79	ug/l	97
69) o-Xylene	11.95	106	541435	19.04	ug/l	95
70) Styrene	11.97	104	876110	19.52	ug/l	97
71) Bromoform	12.13	173	216308	18.72	ug/l #	99
73) Isopropylbenzene	12.25	105	1469358	19.21	ug/l	98
74) N-amyl acetate	12.07	43	328405	17.53	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	320876	19.00	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	275096m	18.51	ug/l	
77) Bromobenzene	12.53	156	376222	18.62	ug/l	89
78) n-propylbenzene	12.59	91	1662324	19.79	ug/l	98
79) 2-Chlorotoluene	12.68	91	1005147	18.89	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1198993	19.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	82665	17.58	ug/l	96
82) 4-Chlorotoluene	12.78	91	1005774	19.59	ug/l	97
83) tert-Butylbenzene	12.99	119	1010921	18.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1200682	20.10	ug/l	99
85) sec-Butylbenzene	13.17	105	1360288	19.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	1139128	19.23	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	622847	18.74	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	606361	18.41	ug/l	99
89) n-Butylbenzene	13.62	91	820776	17.74	ug/l	98
90) Hexachloroethane	13.88	117	231730	19.64	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	613728	18.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46561	17.48	ug/l	90

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Manual Integrations
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Quant Time: Jun 22 22:31:36 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)
93) 1,2,4-Trichlorobenzene	14.91	180	187997	16.13	ug/l	99
94) Hexachlorobutadiene	15.01	225	200271	19.34	ug/l	98
95) Naphthalene	15.14	128	340389	15.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	203673	16.44	ug/l	99

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

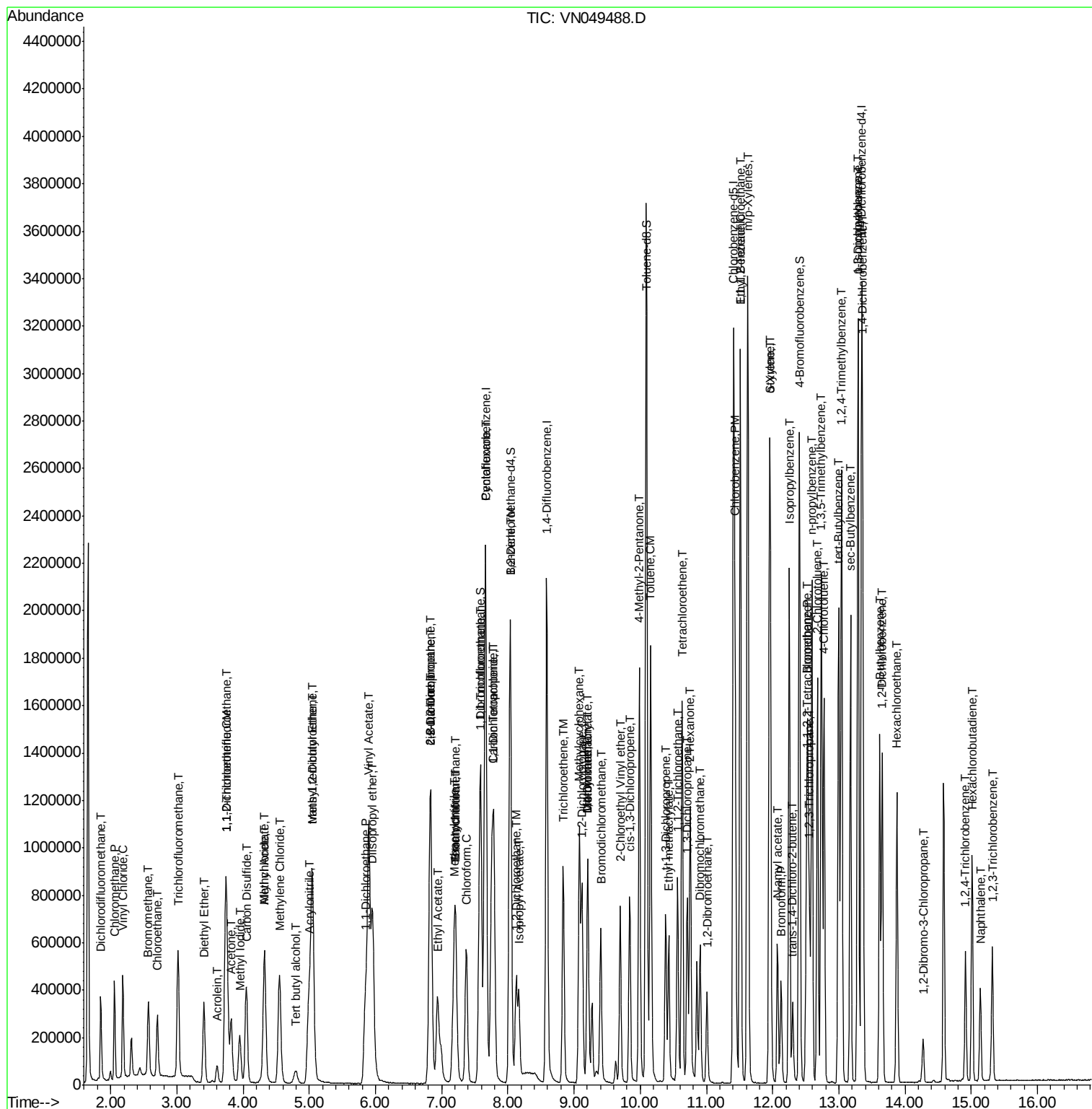
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Data File : VN049488.D
Acq On : 22 Jun 2018 13:47
Operator : MD\SY
Sample : VN0622WBS01
Misc : 5.00mL/MSVOA N/WATER
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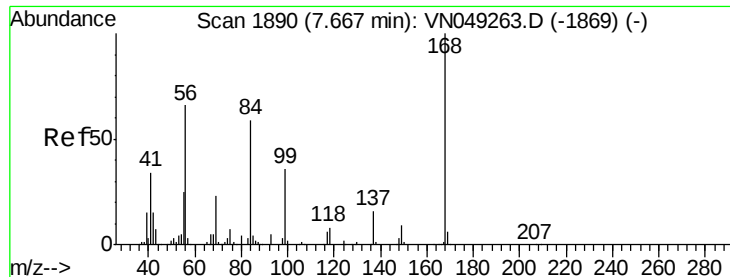
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:168 Resp: 1406360

Ion Ratio Lower Upper

168 100

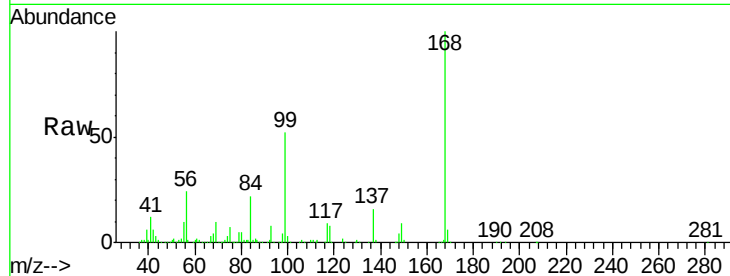
99 51.6 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

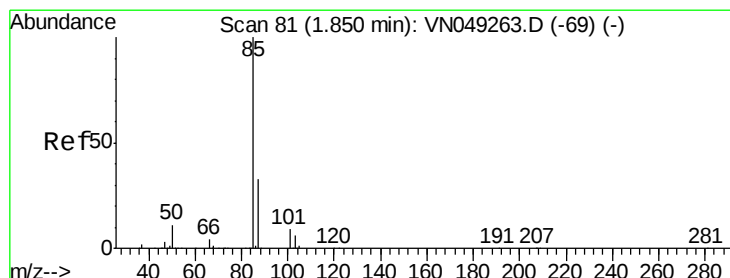
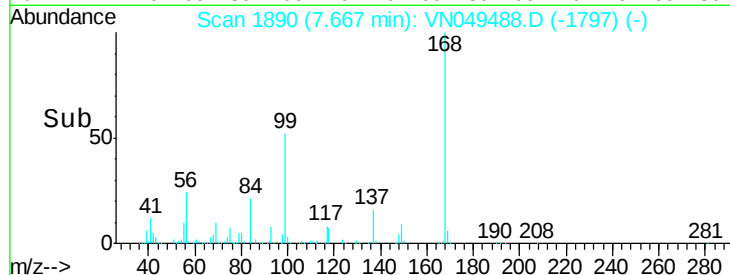
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.47 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049488.D

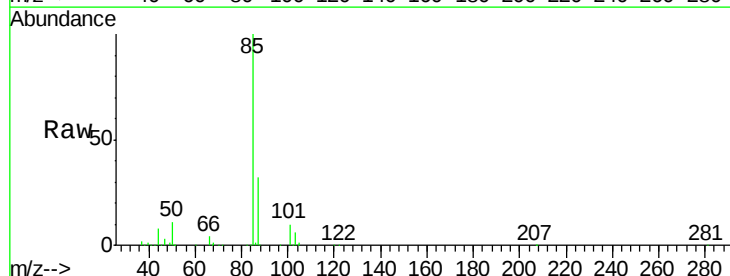
Acq: 22 Jun 2018 13:47

Tgt Ion: 85 Resp: 282779

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

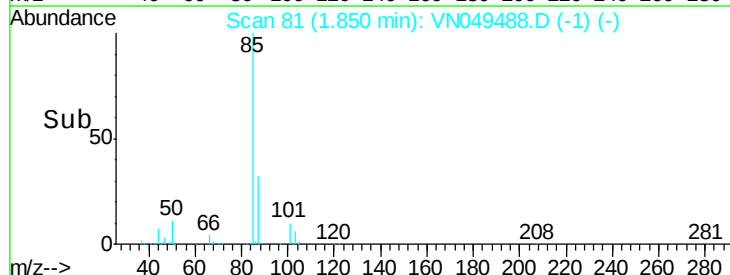
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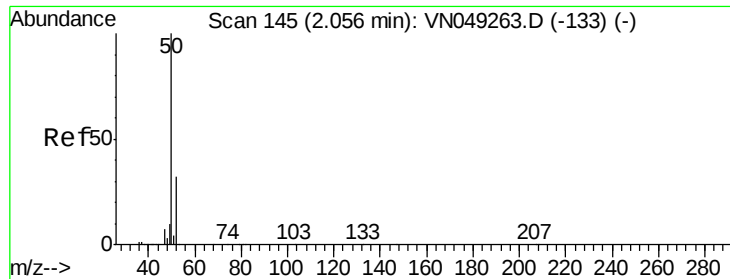
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50000

0

Time-->





#3

Chloromethane

Concen: 17.09 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 50 Resp: 357275

Ion Ratio Lower Upper

50 100

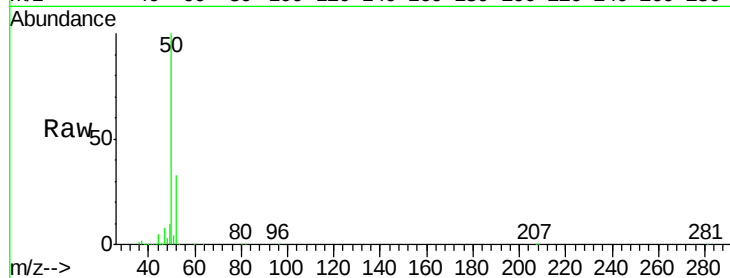
52 32.5 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

250000

200000

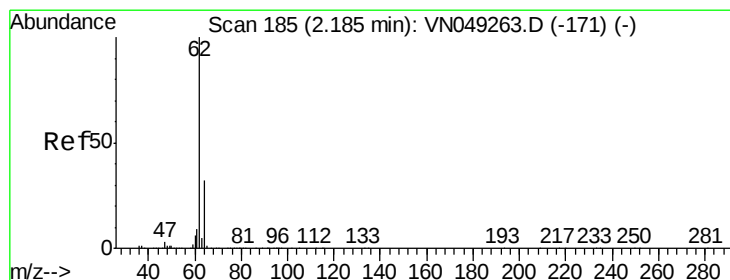
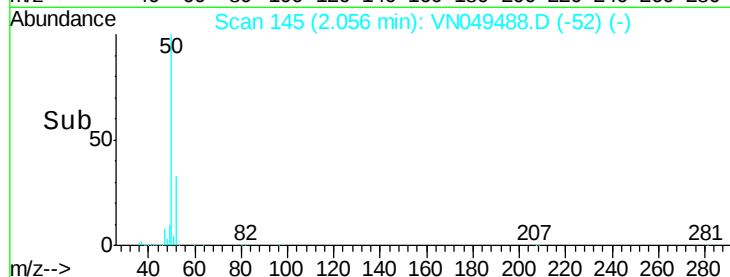
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.52 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049488.D

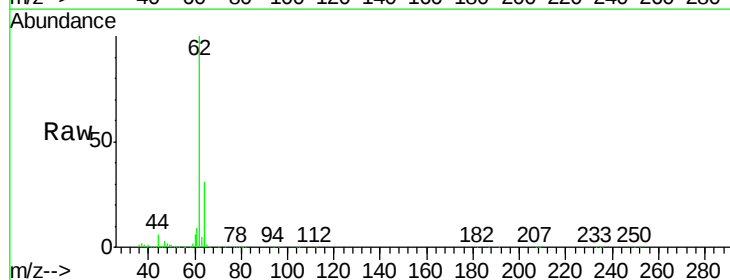
Acq: 22 Jun 2018 13:47

Tgt Ion: 62 Resp: 389226

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

300000

250000

200000

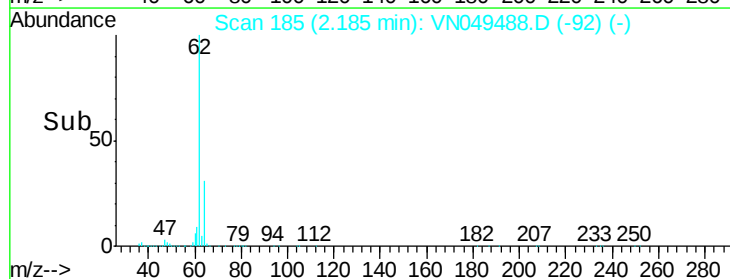
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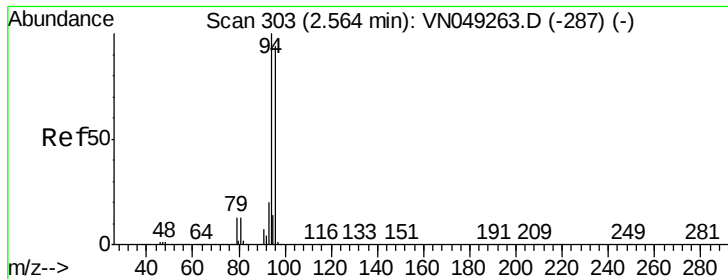
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50000

0

Time-->





#5

Bromomethane

Concen: 18.35 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tot Ion: 94 Resp: 214308

Ion Ratio Lower Upper

94 100

96 97.1 72.8 109.2

Instrument :

MSVOA_N

ClientSampleId :

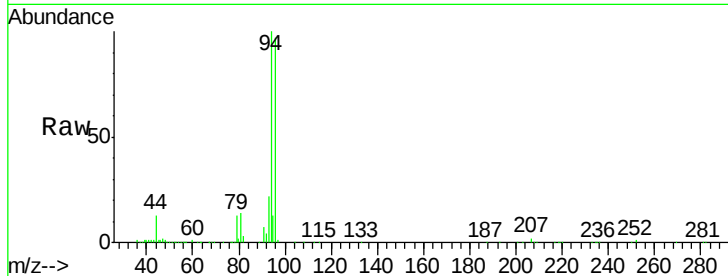
VN0622WBS01

Manual Integrations

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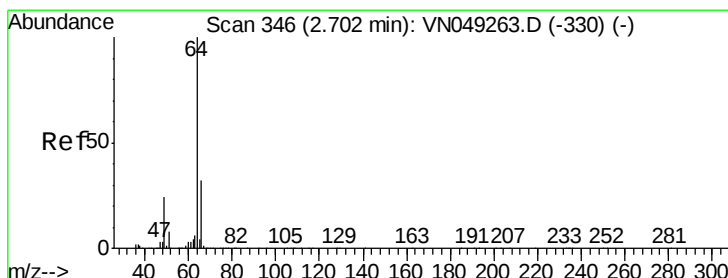
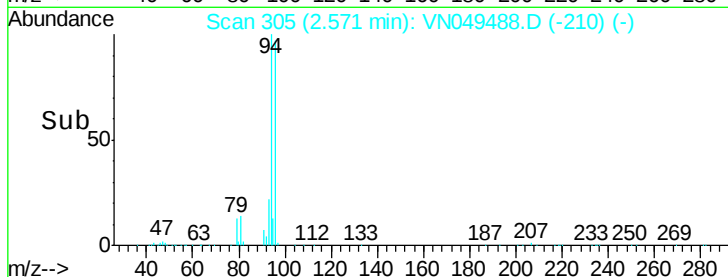
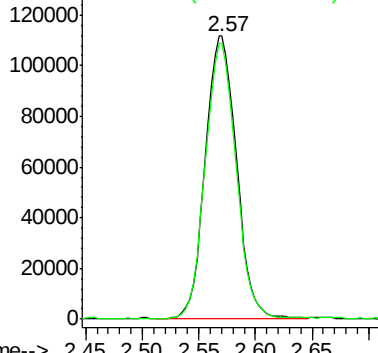
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.53 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049488.D

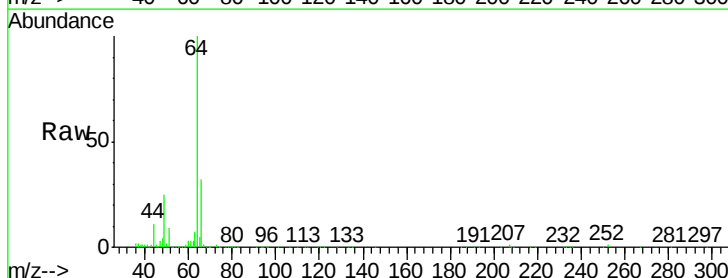
Acq: 22 Jun 2018 13:47

Tgt Ion: 64 Resp: 245387

Ion Ratio Lower Upper

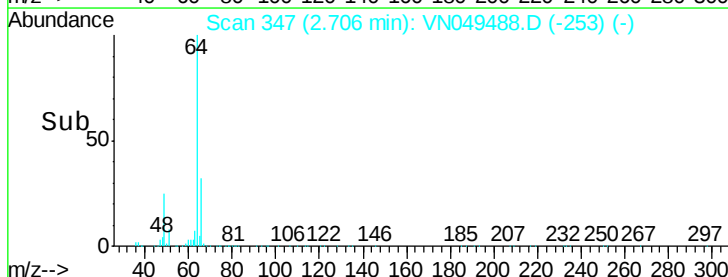
64 100

66 31.4 25.6 38.4



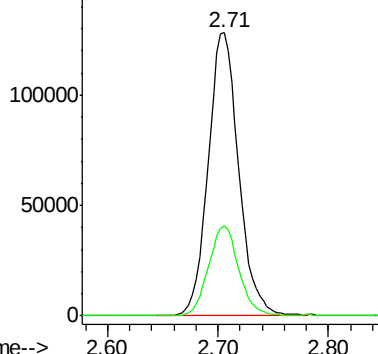
Abundance Ion 63.90 (63.60 to 64.60): VN0

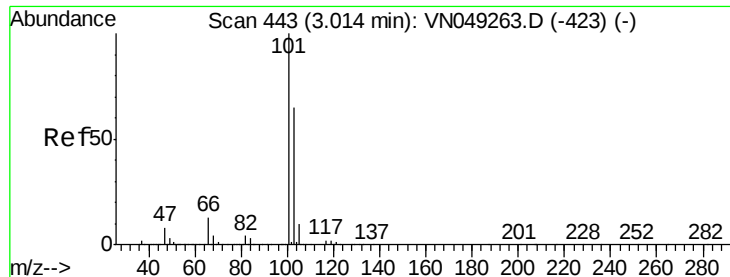
Ion 65.90 (65.60 to 66.60): VN0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

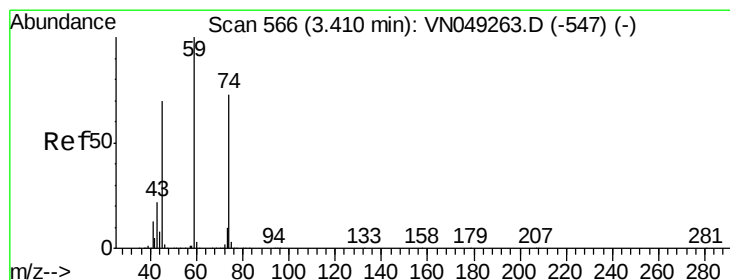
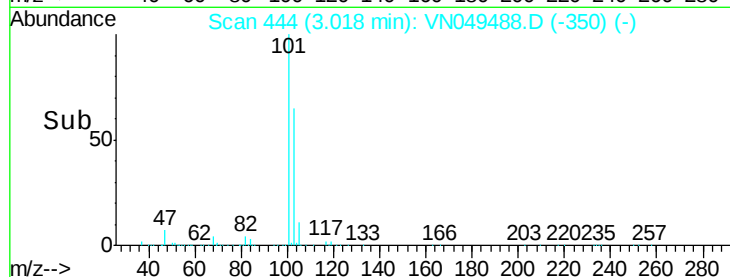
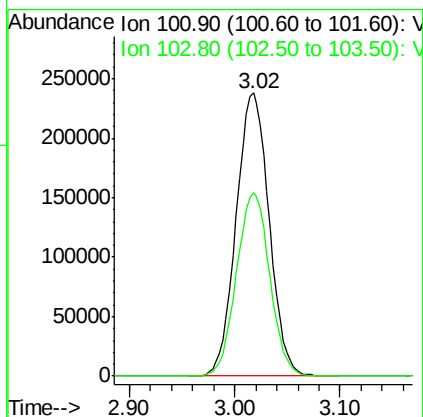
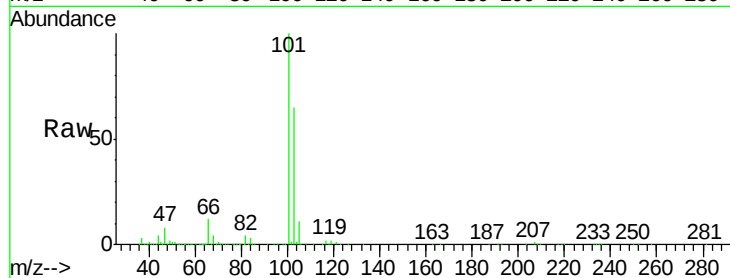
Trichlorofluoromethane
Concen: 18.66 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
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ClientSampleId :
VN0622WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		517250		
103	64.6	51.7		77.5	

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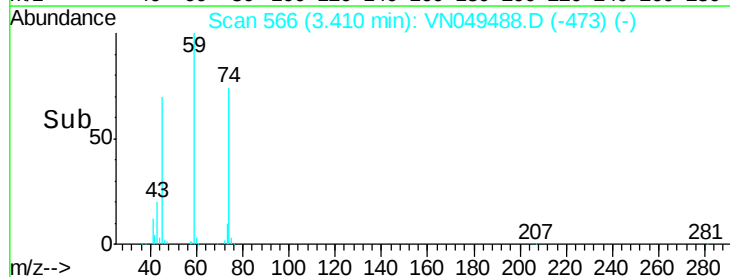
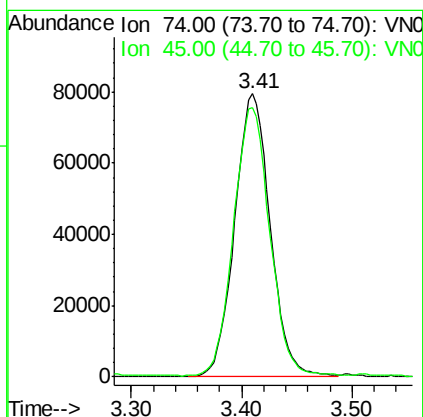
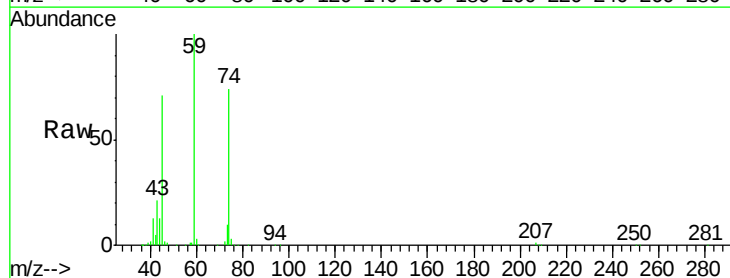
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6/25/2018 4:23:20 PM



#8

Diethyl Ether
Concen: 18.32 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		177255		
45	96.6	51.9		155.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.49 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

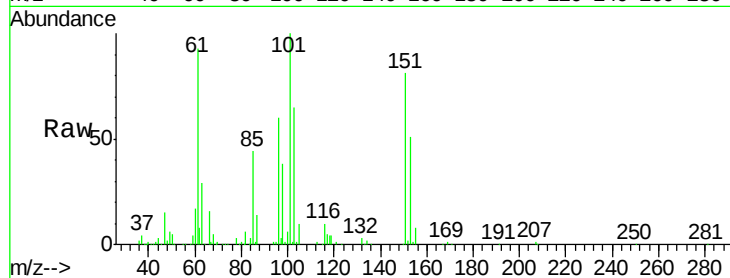
ClientSampled :

VN0622WBS01

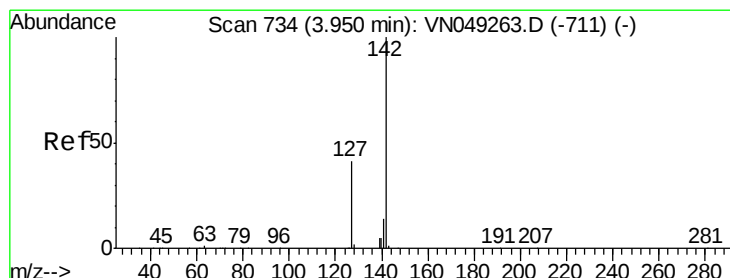
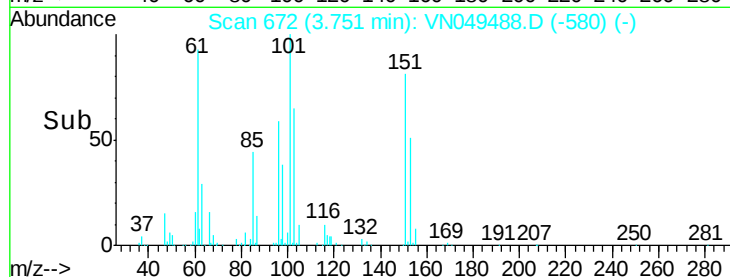
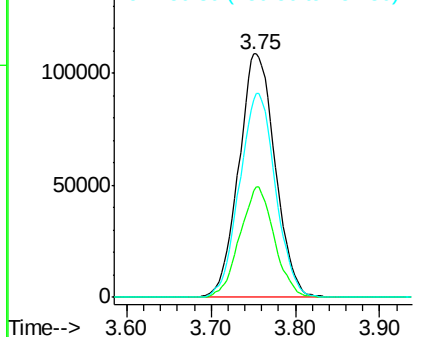
Tot Ion:	101	Resp:	325079
Ion Ratio	Lower	Upper	
101	100		
85	42.8	37.6	56.4
151	82.9	61.1	91.7

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.96 ug/l

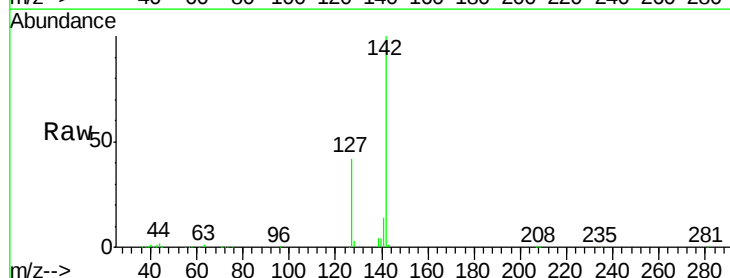
RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

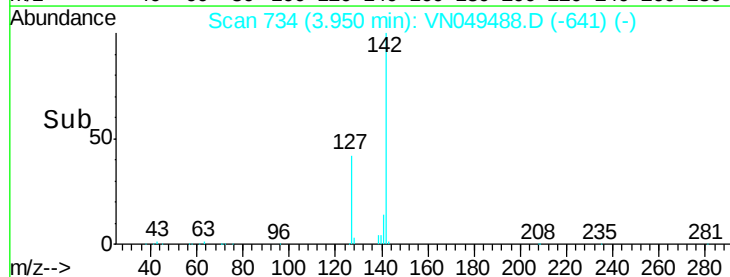
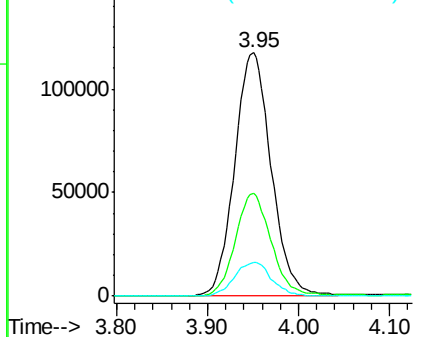
Lab File: VN049488.D

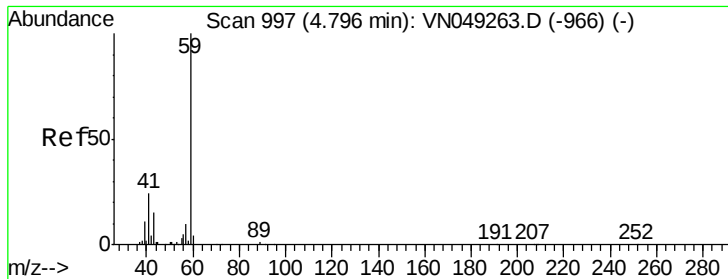
Acq: 22 Jun 2018 13:47

Tgt Ion:	142	Resp:	328679
Ion Ratio	Lower	Upper	
142	100		
127	41.3	38.2	57.4
141	14.2	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





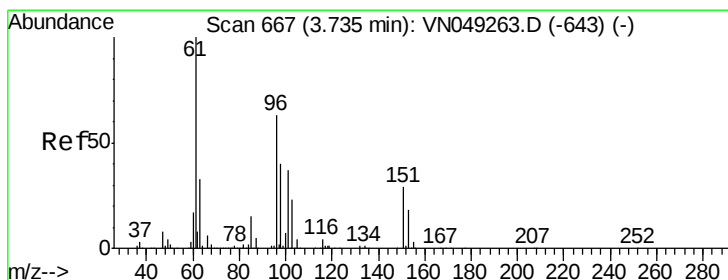
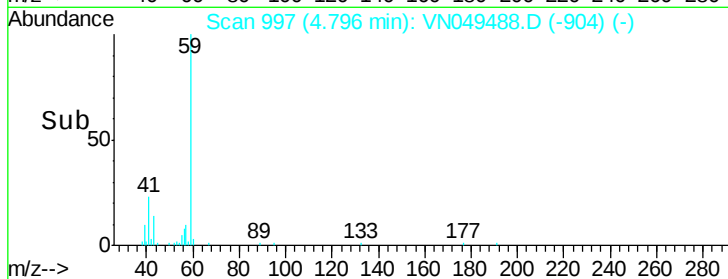
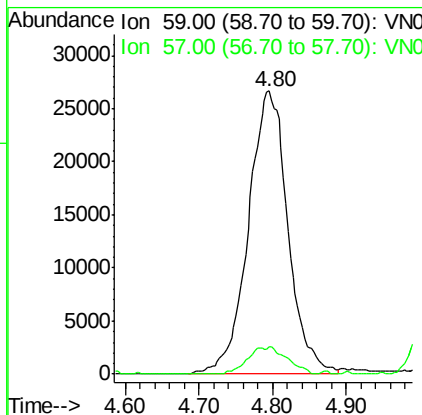
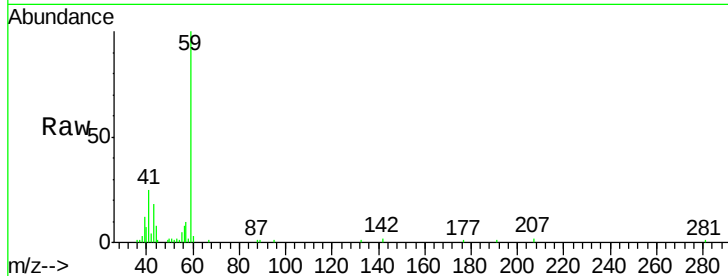
#11
Tert butyl alcohol
Concen: 91.09 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	99723		
57	57	0.0		9.0	13.6#

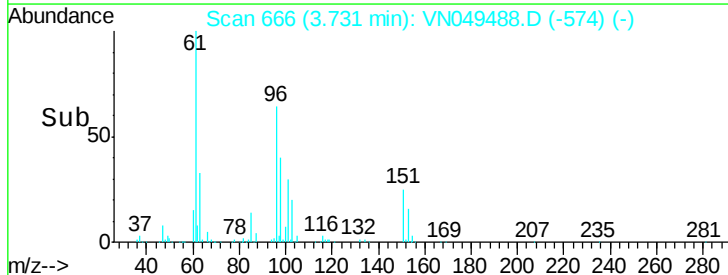
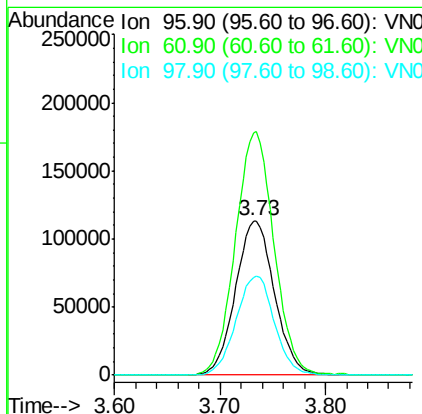
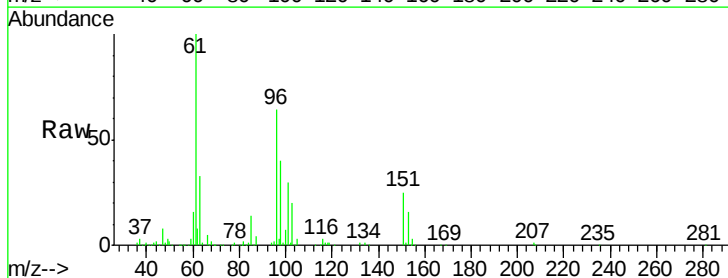
Manual Integrations
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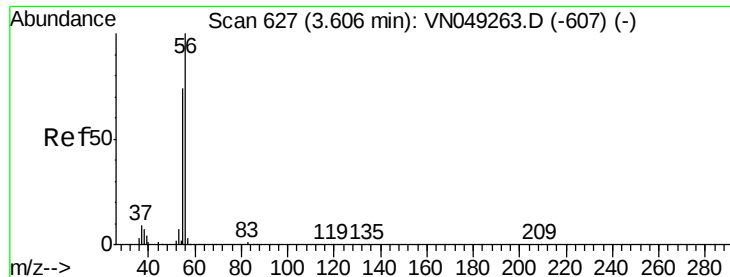
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.04 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	290871		
61	61	157.2		141.0	211.4
98	98	63.1		50.4	75.6





#13

Acrolein

Concen: 72.85 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 56 Resp: 83639

Ion Ratio Lower Upper

56 100

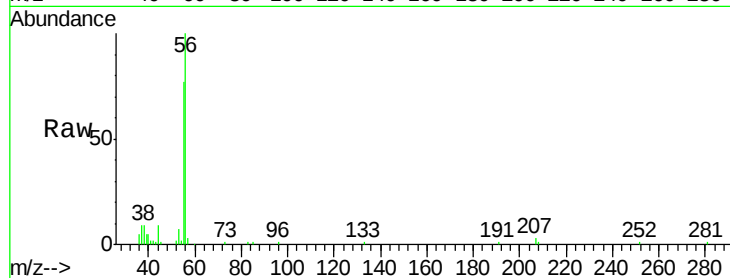
55 72.6 57.1 85.7

Manual Integrations

APPROVED

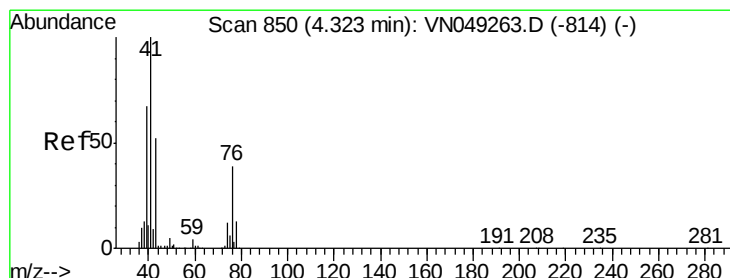
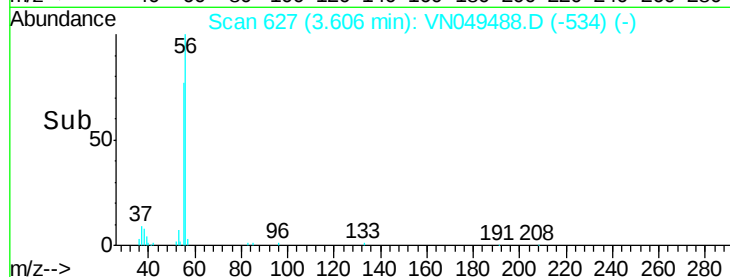
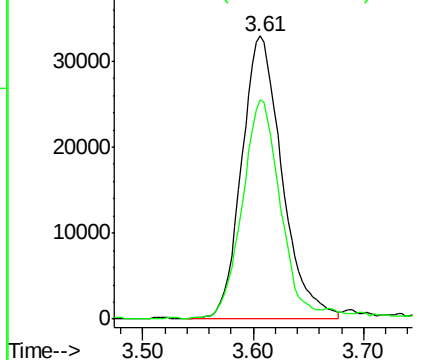
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.66 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

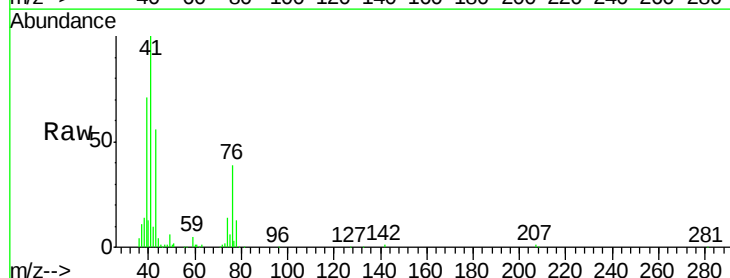
Tgt Ion: 41 Resp: 449573

Ion Ratio Lower Upper

41 100

39 67.3 62.5 93.7

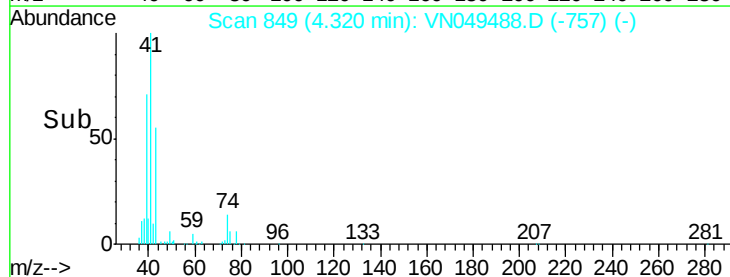
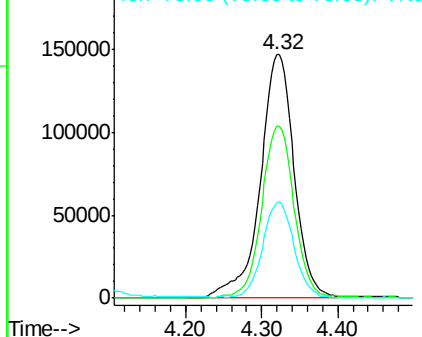
76 36.2 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





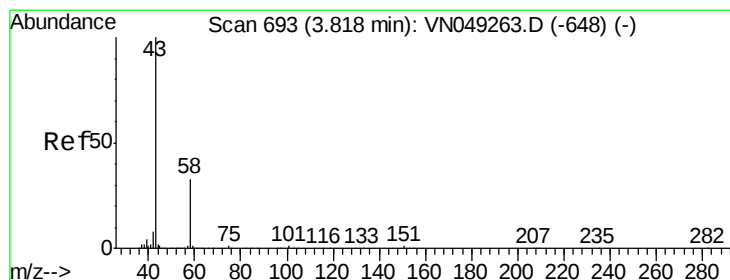
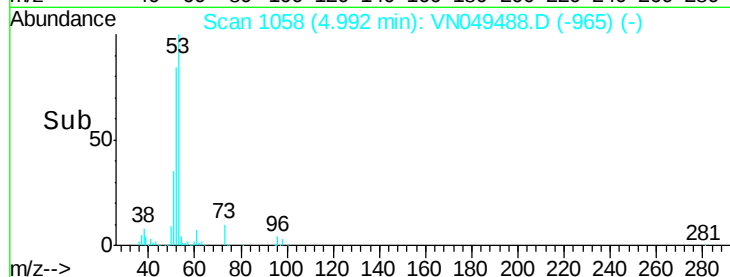
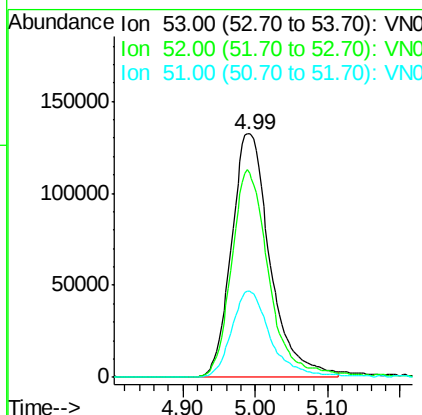
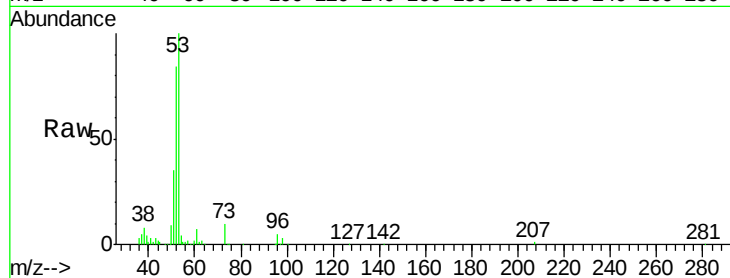
#15
 Acrylonitrile
 Concen: 89.72 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.0	66.6	100.0
51	51	35.3	29.8	44.8

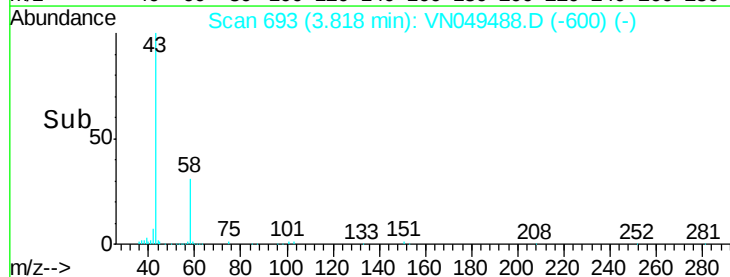
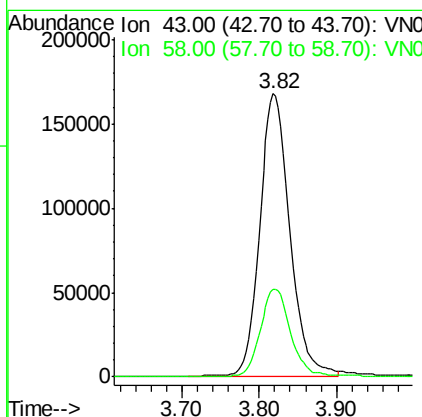
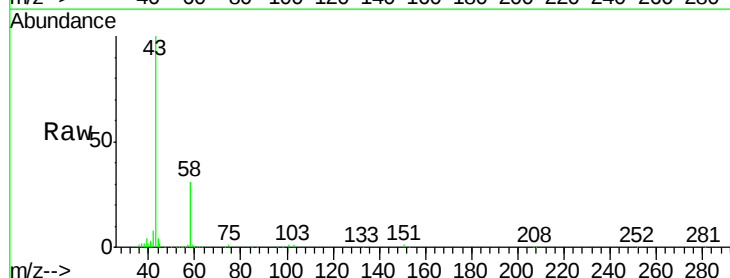
Manual Integrations
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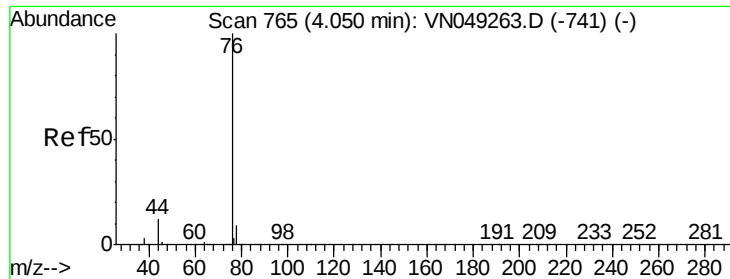
MMDadoda
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#16
 Acetone
 Concen: 100.10 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	30.8	22.4	33.6





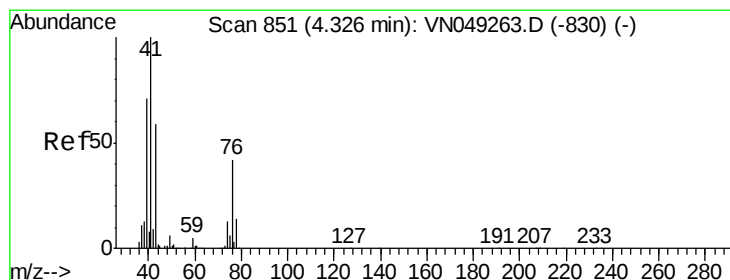
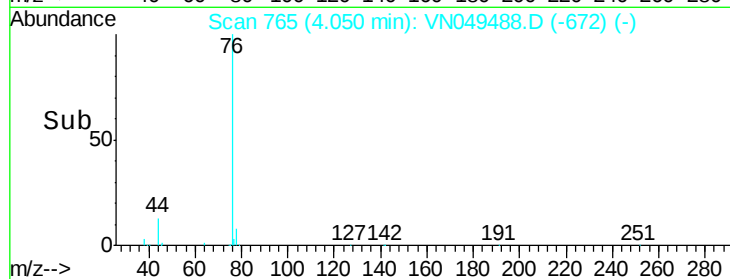
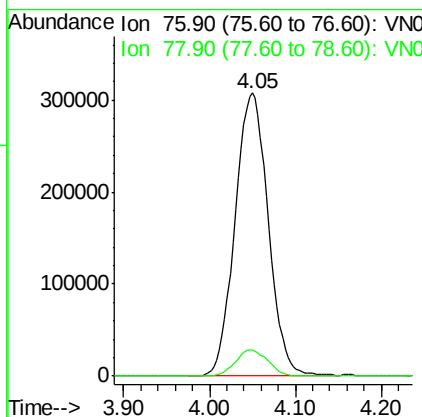
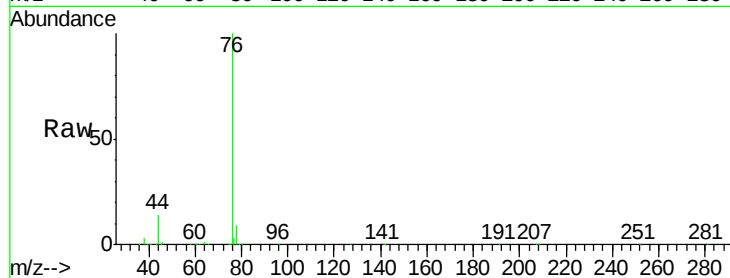
#17
Carbon Disulfide
Concen: 16.37 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

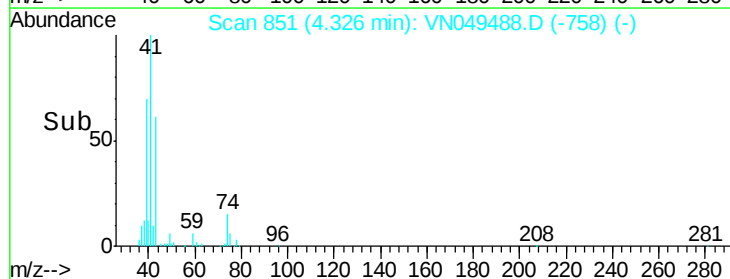
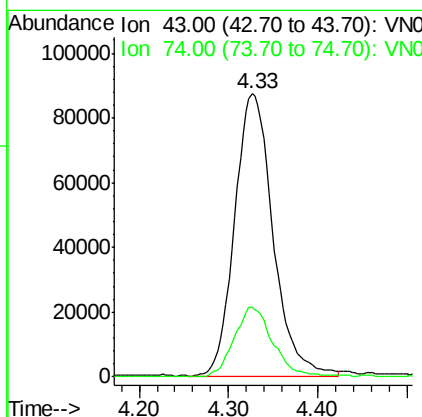
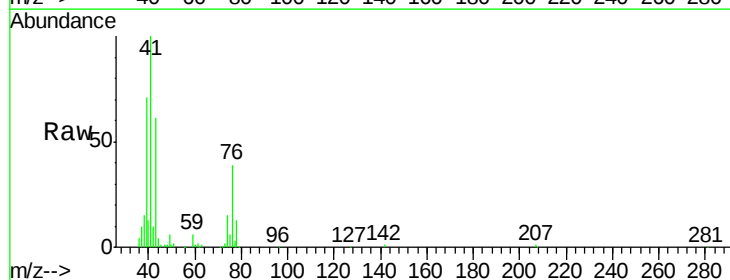
Manual Integrations
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MMDadoda
6/25/2018 4:23:20 PM



#18
Methyl Acetate
Concen: 18.87 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	17.4	26.0





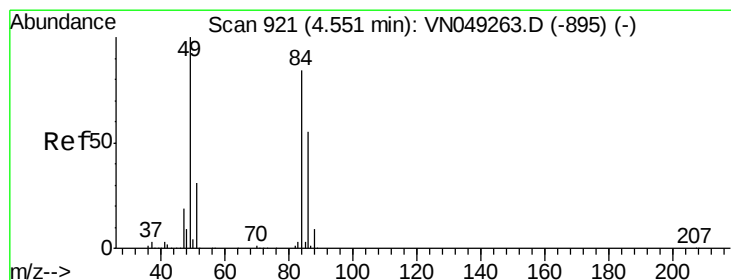
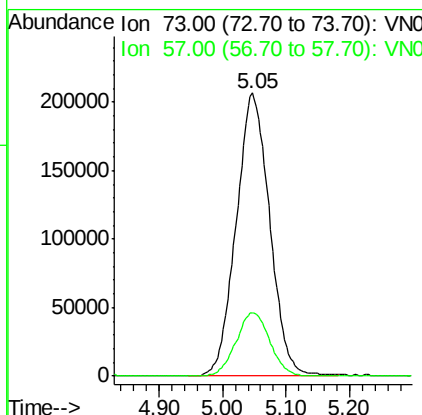
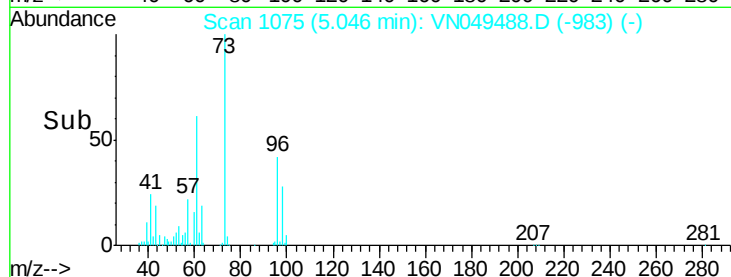
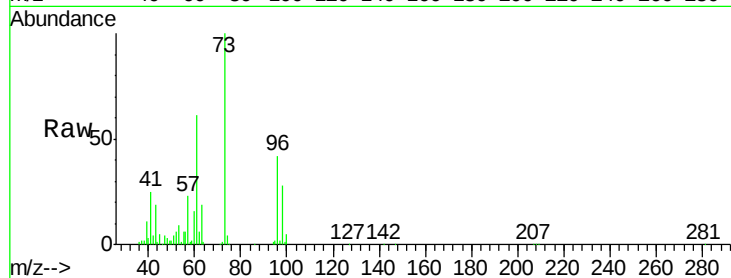
#19
Methvl tert-butvl Ether
Concen: 18.42 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 73 Resp: 757196
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4

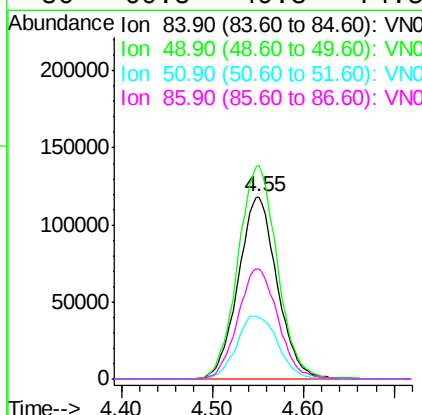
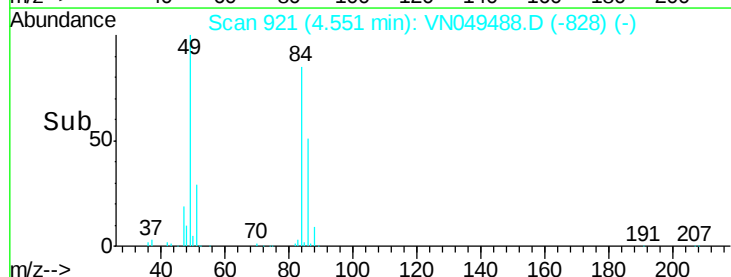
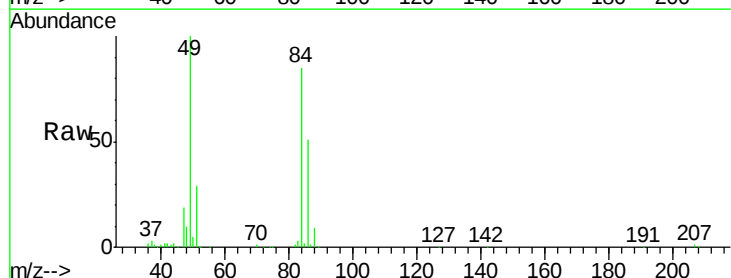
Manual Integrations
APPROVED

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6/25/2018 4:23:20 PM



#20
Methylene Chloride
Concen: 18.55 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion: 84 Resp: 350873
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 34.0 32.7 49.1
86 60.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 17.68 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 96 Resp: 301769

Ion Ratio Lower Upper

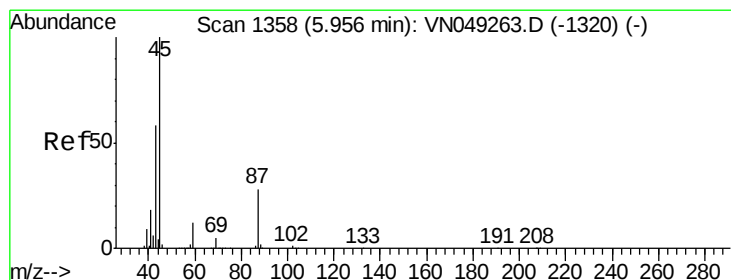
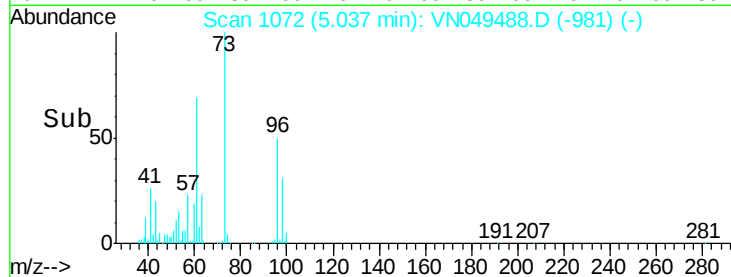
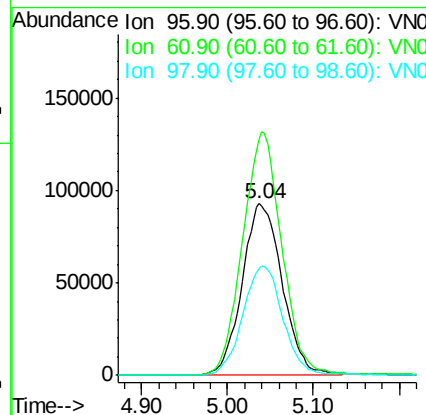
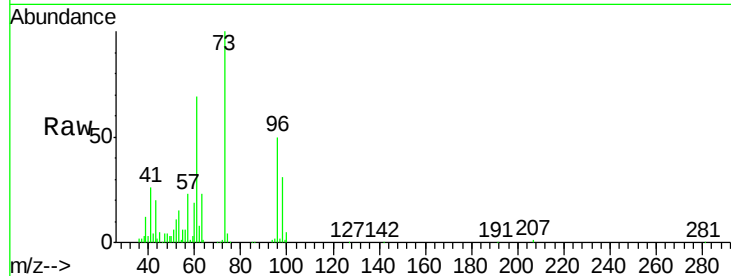
96 100

61 137.3 121.3 181.9

98 61.9 52.0 78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.98 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 45 Resp: 965048

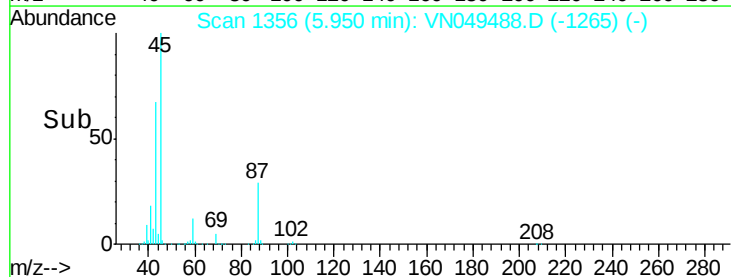
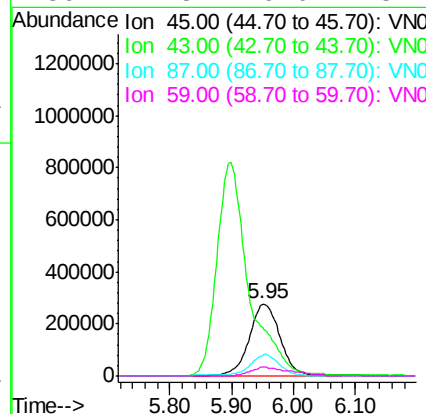
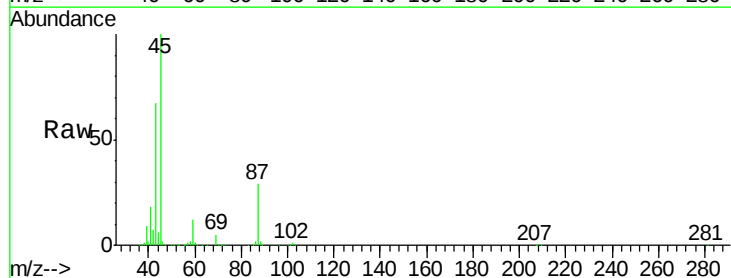
Ion Ratio Lower Upper

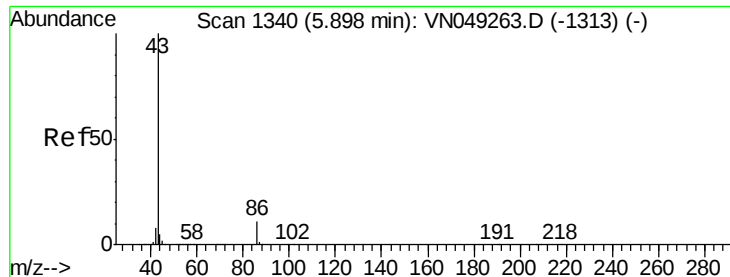
45 100

43 64.9 48.6 72.8

87 28.3 20.2 30.2

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 89.36 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 43 Resp: 2962005

Ion Ratio Lower Upper

43 100

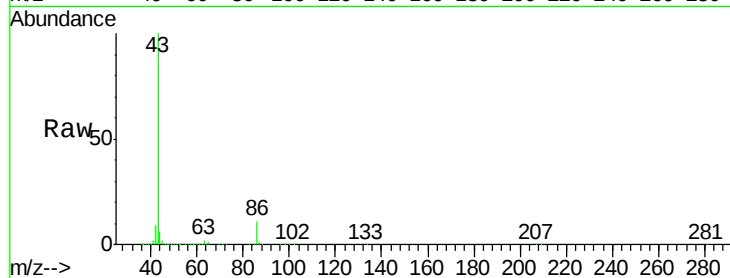
86 10.8 7.2 10.8#

Manual Integrations

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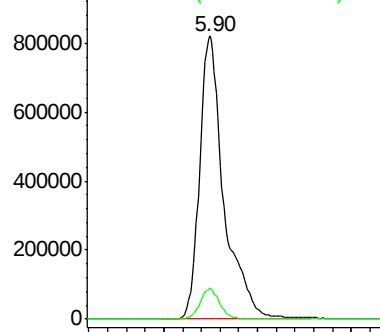
MMDadoda

6/25/2018 4:23:20 PM

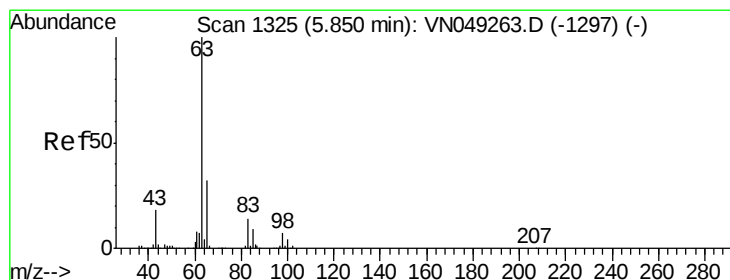
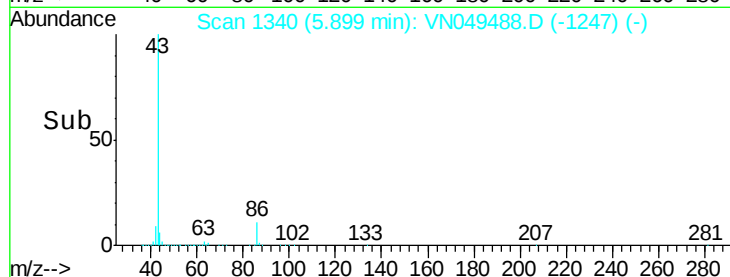


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.40 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

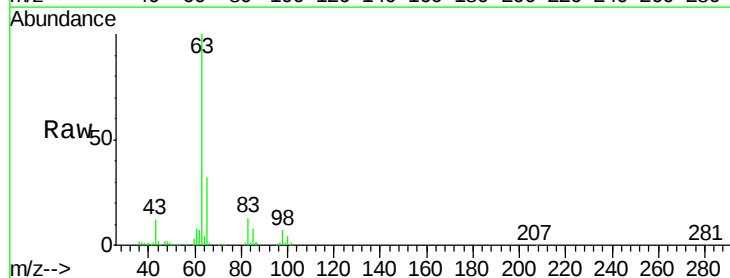
Tgt Ion: 63 Resp: 598885

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

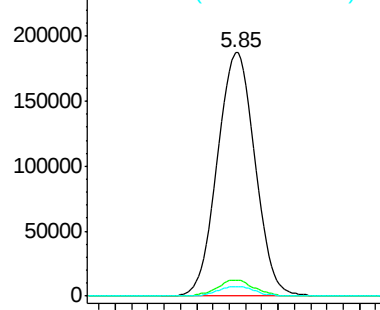
100 4.0 2.1 6.3



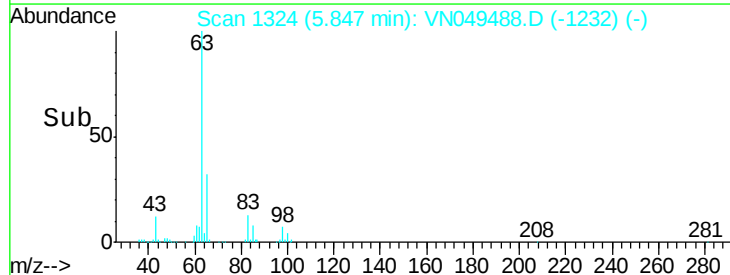
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





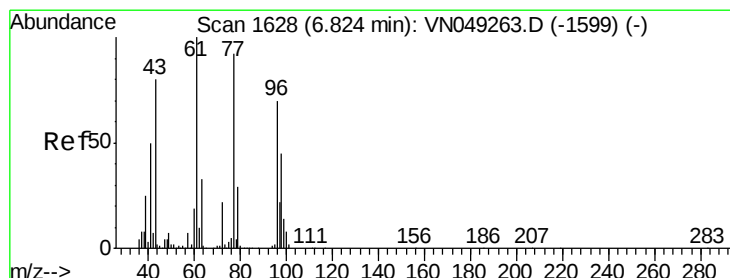
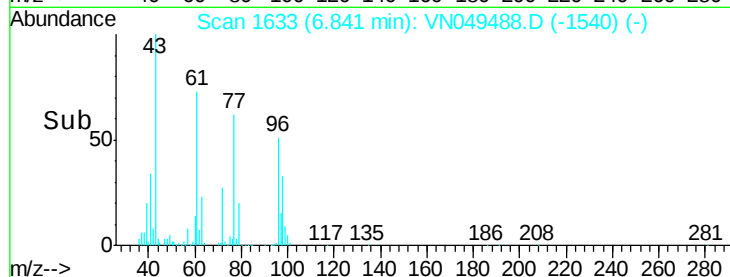
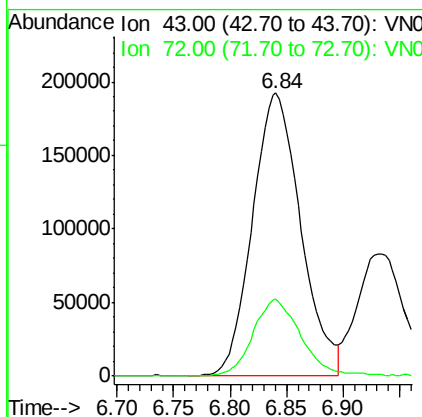
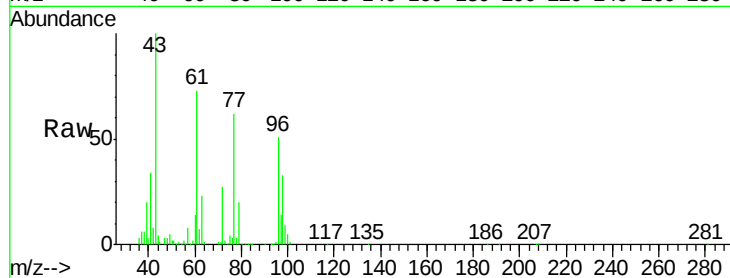
#25
2-Butanone
Concen: 93.58 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 43 Resp: 569114
Ion Ratio Lower Upper
43 100
72 27.3 20.2 30.2

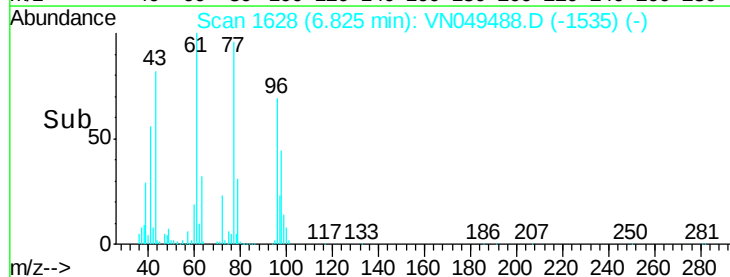
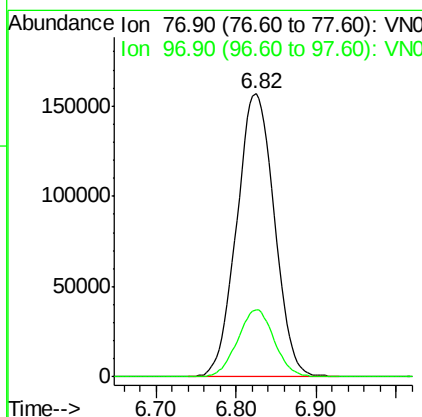
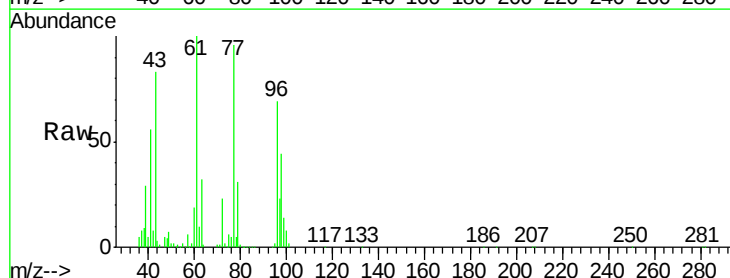
Manual Integrations
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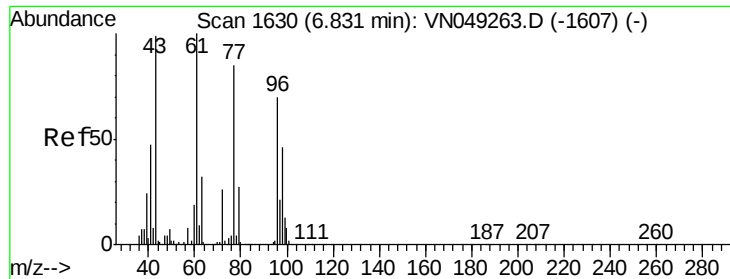
MMDadoda
6/25/2018 4:23:20 PM



#26
2,2-Dichloropropane
Concen: 19.05 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion: 77 Resp: 500618
Ion Ratio Lower Upper
77 100
97 23.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 17.82 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

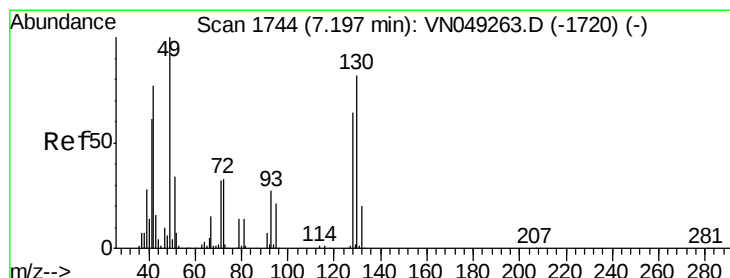
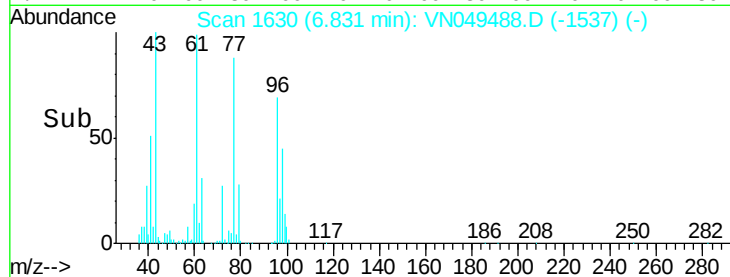
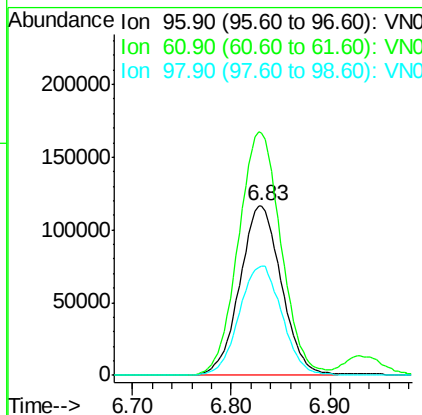
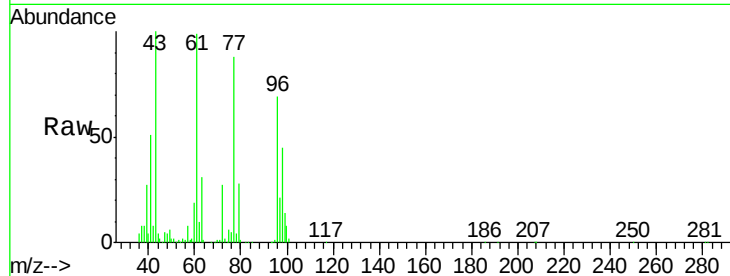
ClientSampleId :

VN0622WBS01

Tot Ion:	96	Resp:	338298
Ion Ratio	Lower	Upper	
96	100		
61	148.3	0.0	316.4
98	66.6	0.0	128.4

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#28

Bromochloromethane

Concen: 18.50 ug/l

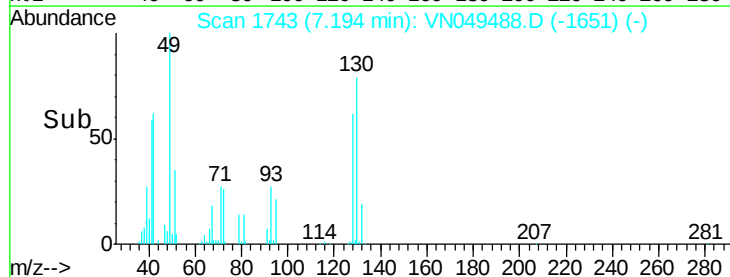
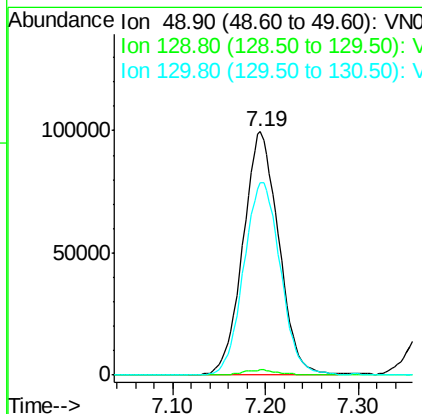
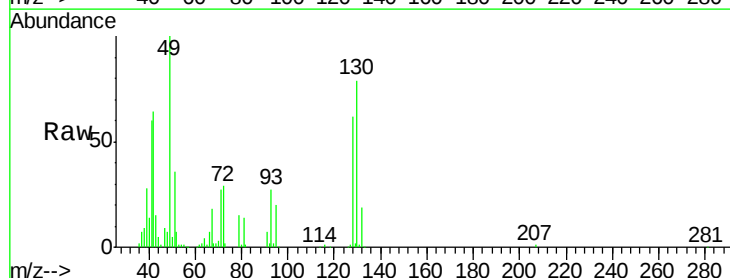
RT: 7.19 min Scan# 1743

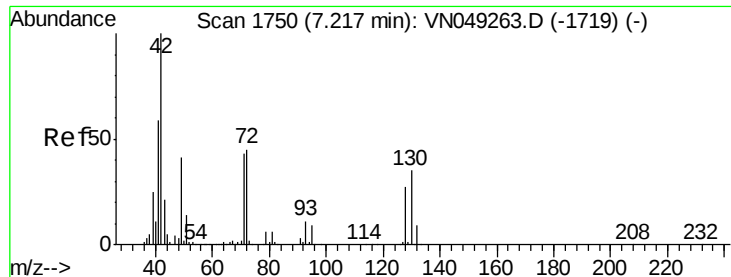
Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion:	49	Resp:	266976
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	3.8
130	81.4	54.9	82.3





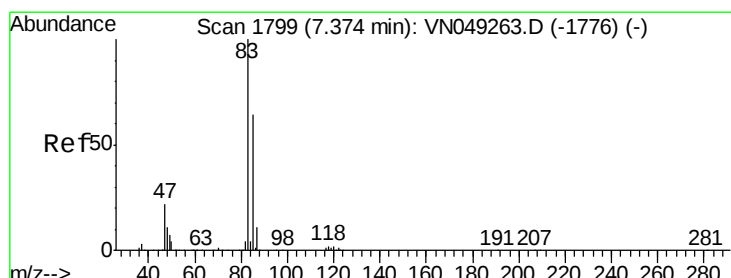
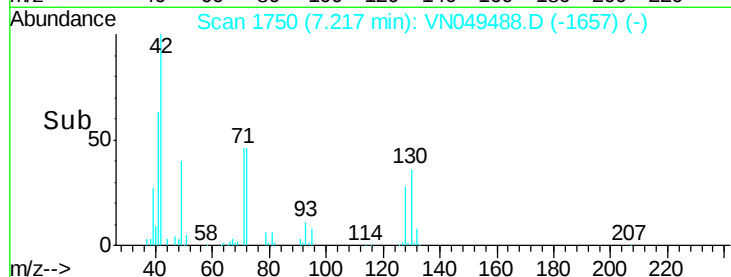
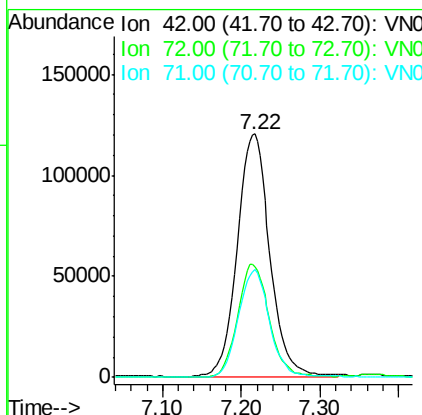
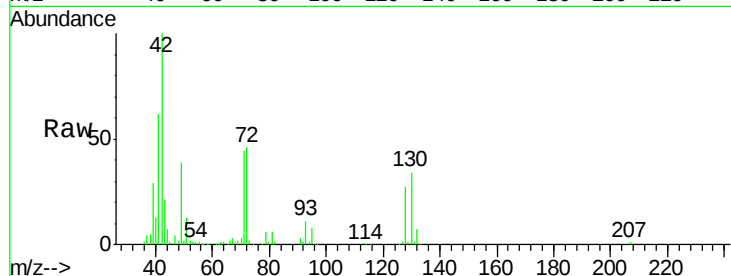
#29
Tetrahydrofuran
Concen: 89.18 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	32.2	48.4
71	42.8	30.5	45.7

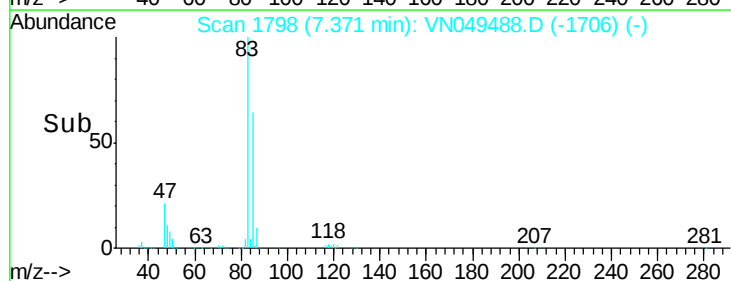
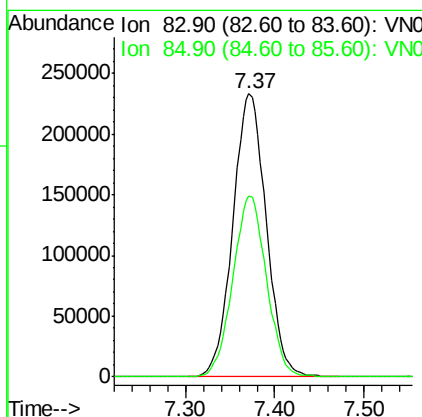
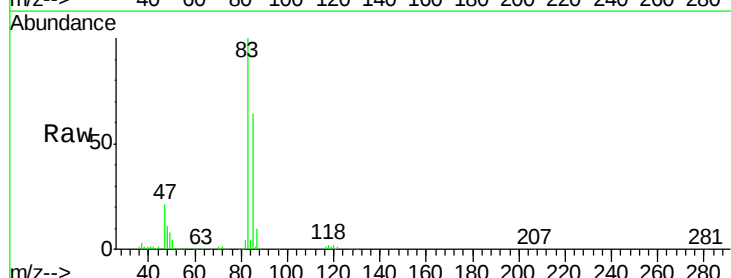
Manual Integrations
APPROVED

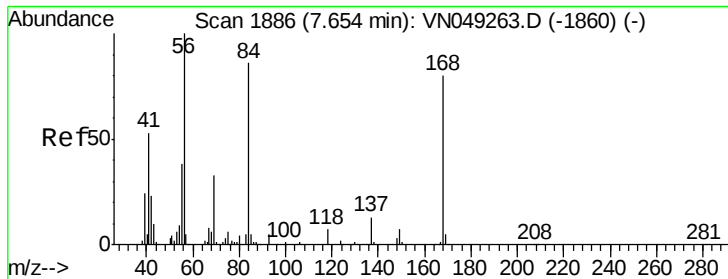
MMDadoda
6/25/2018 4:23:20 PM



#30
Chloroform
Concen: 18.66 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5





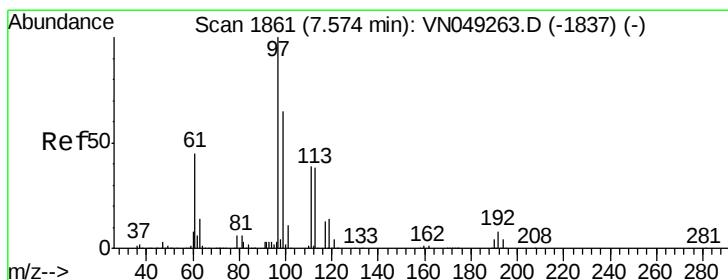
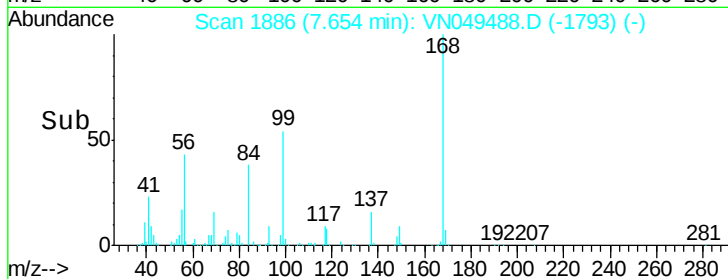
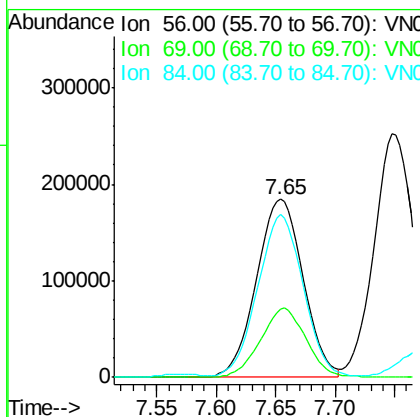
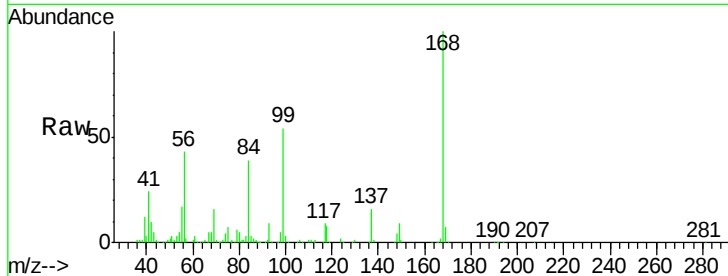
#31
Cyclohexane
Concen: 18.05 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	25.0	37.4#
84	89.5	64.6	96.8

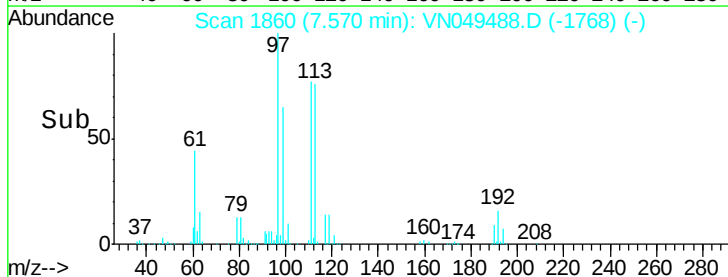
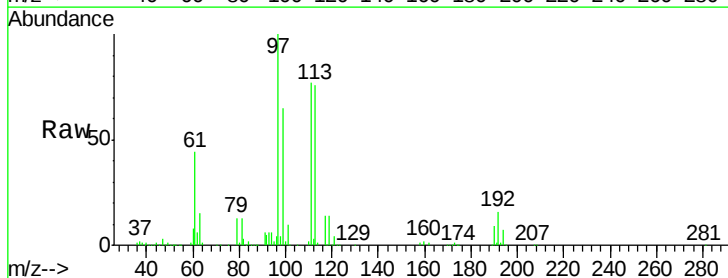
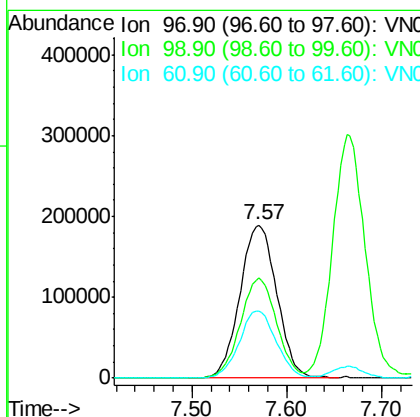
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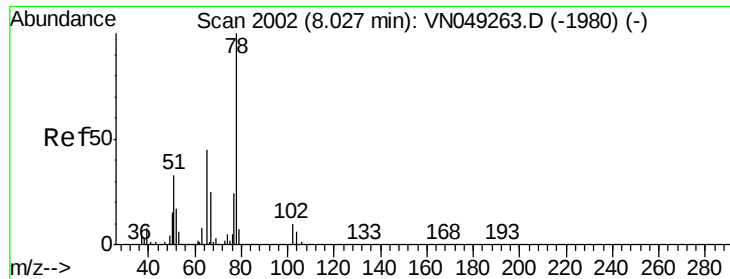
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.56 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	43.8	37.9	56.9





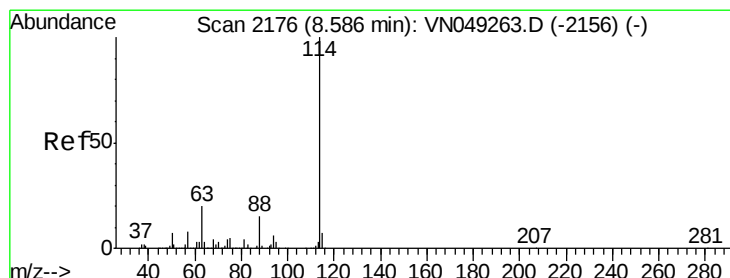
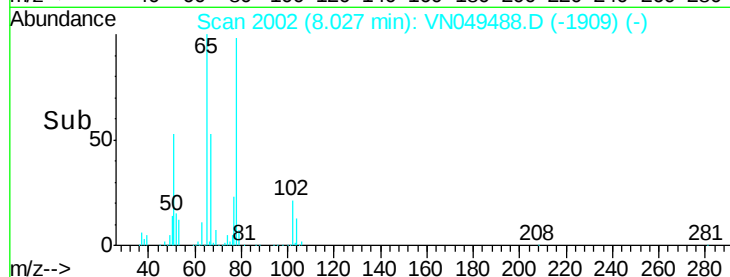
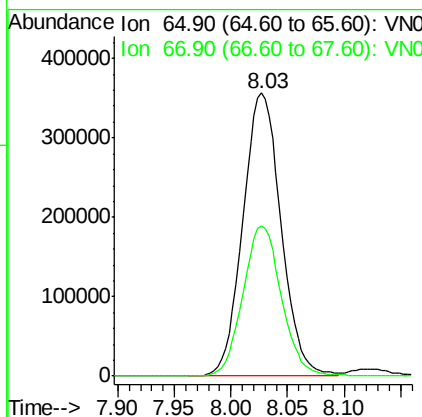
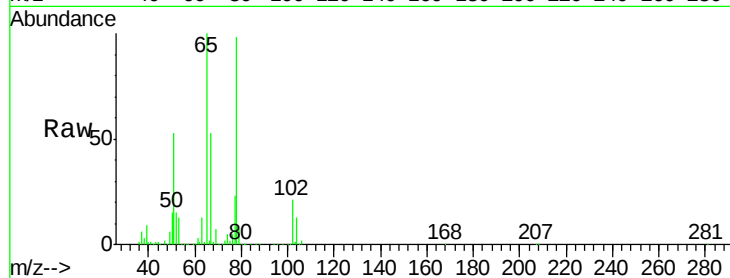
#33
 1,2-Dichloroethane-d4
 Concen: 44.97 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	103.8	

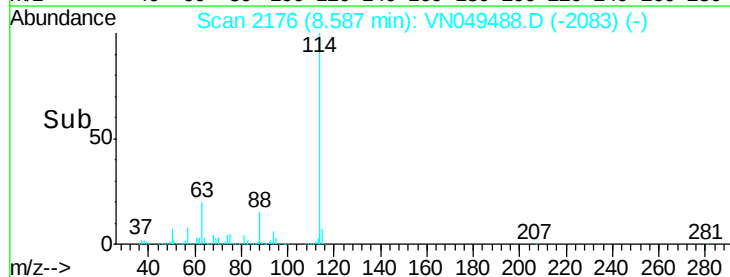
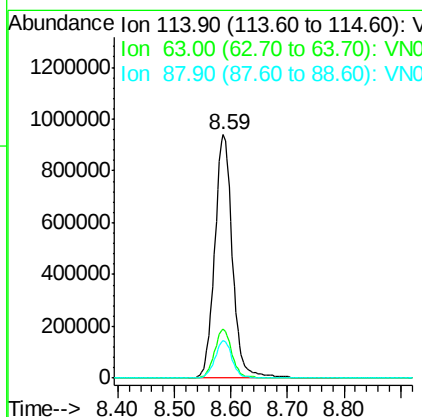
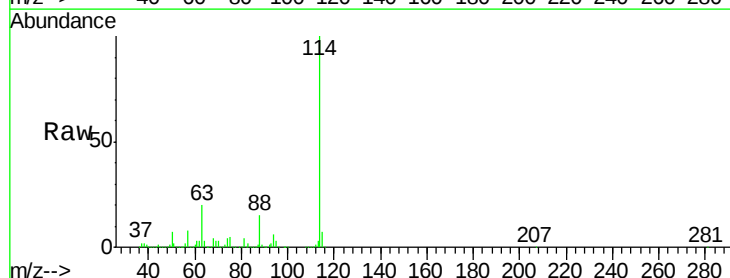
Manual Integrations
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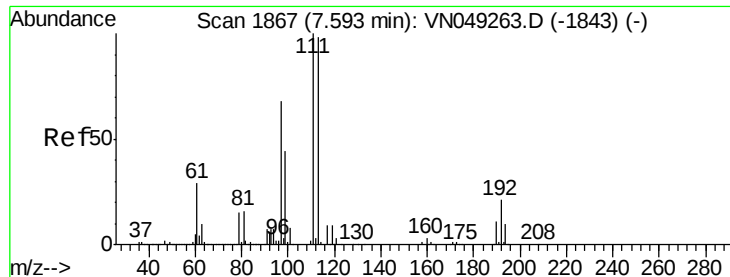
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 6/25/2018 4:23:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	44.4	
88	15.3	0.0	31.4	





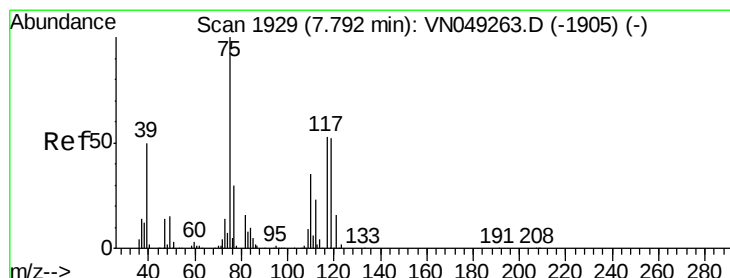
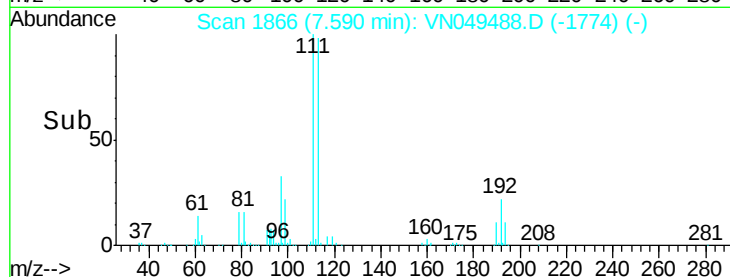
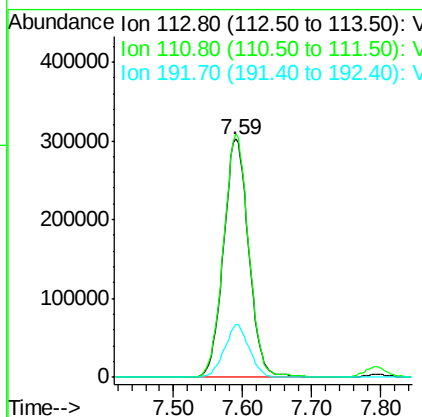
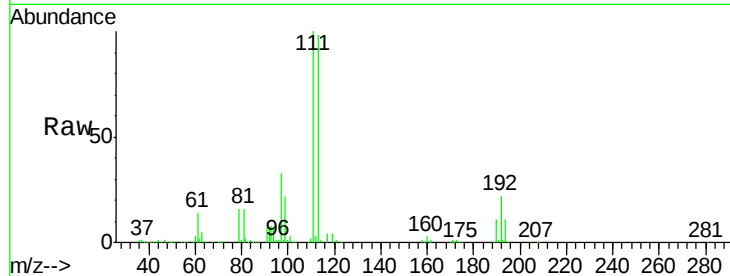
#35
Dibromofluoromethane
Concen: 46.60 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	767752		
111	101.1	82.4	123.6	
192	21.8	15.0	22.6	

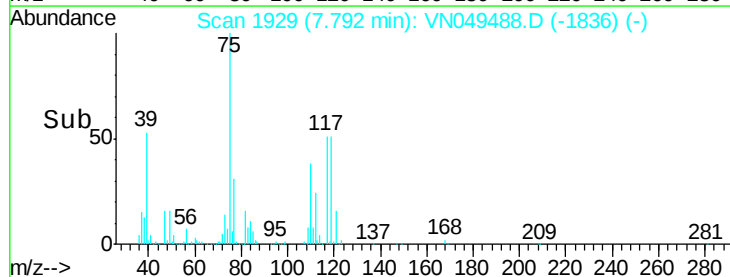
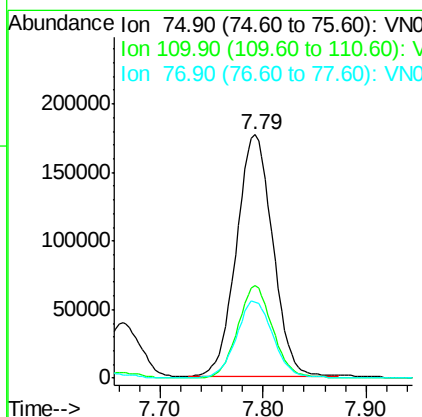
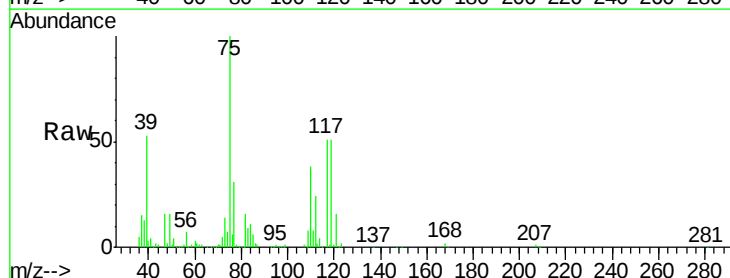
Manual Integrations
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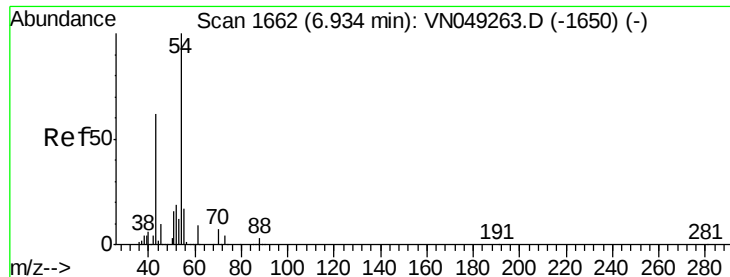
MMDadoda
6/25/2018 4:23:20 PM



#36
1,1-Dichloropropene
Concen: 18.58 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	433706		
110	37.1	17.0	50.9	
77	31.8	24.4	36.6	





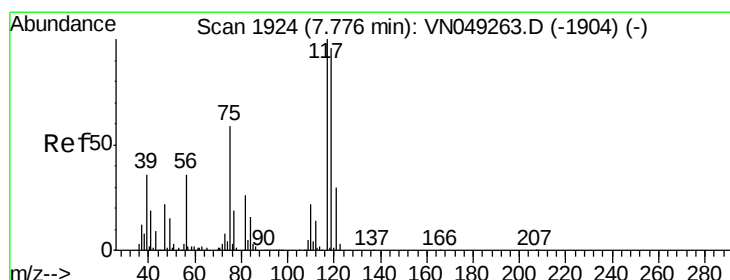
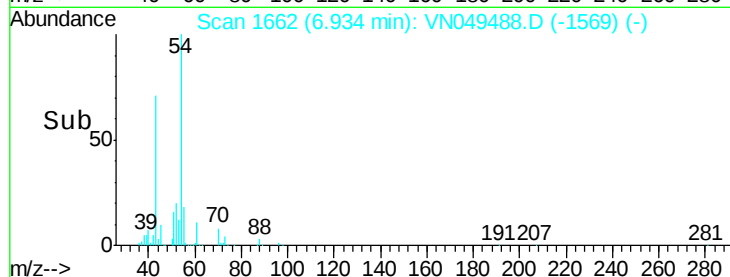
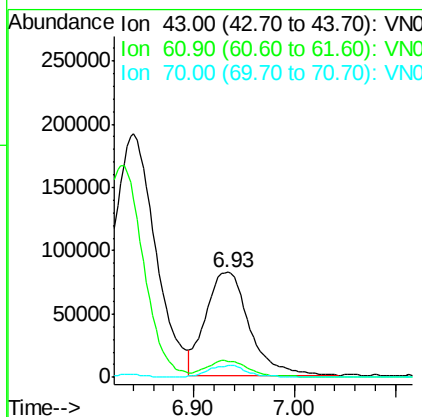
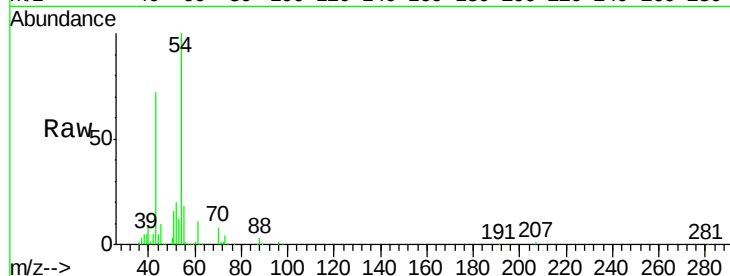
#37
Ethyl Acetate
Concen: 19.48 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	9.9	7.2	10.8

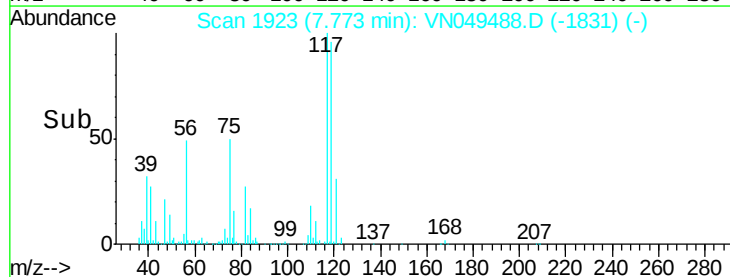
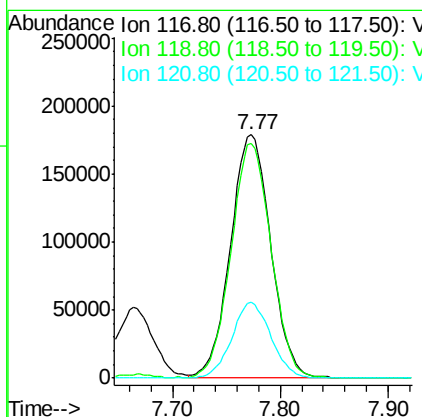
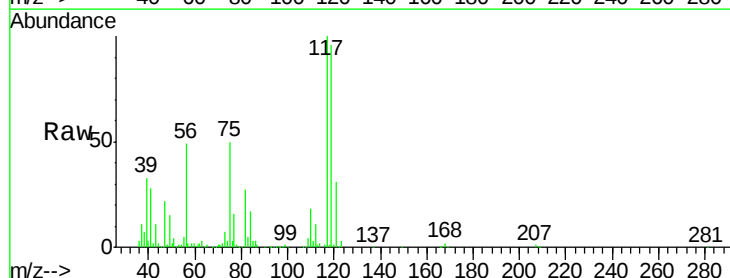
Manual Integrations
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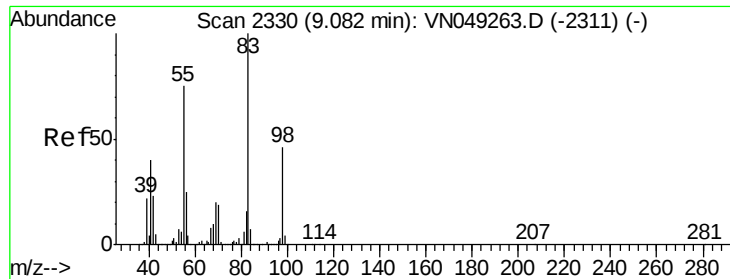
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.11 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.6	113.4
121	31.3	24.7	37.1





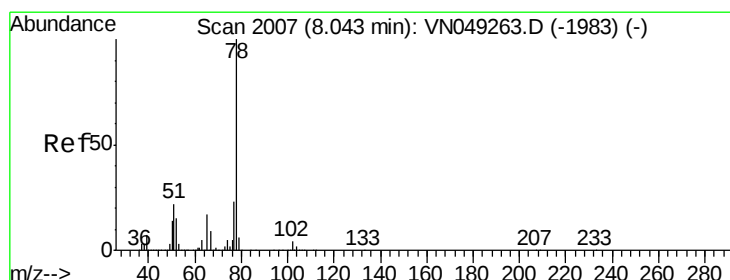
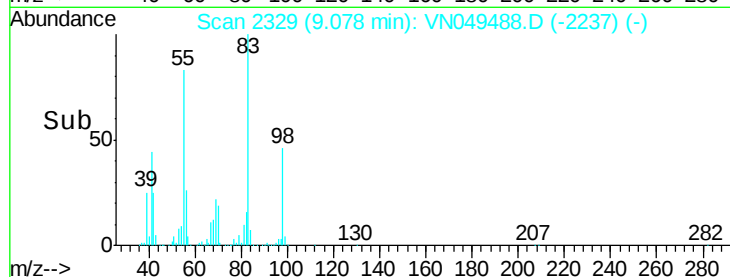
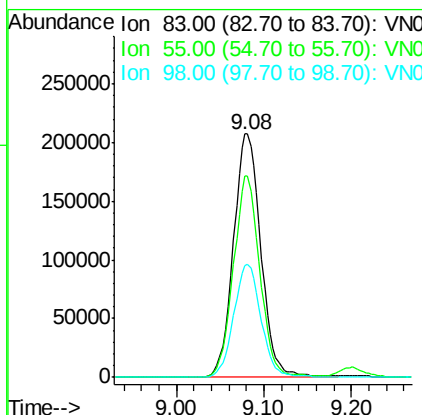
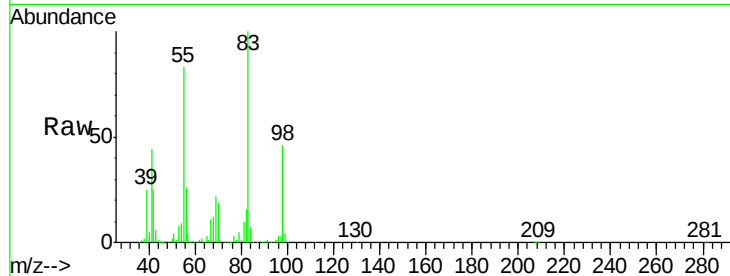
#39
Methvlcvclohexane
Concen: 18.03 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.1	97.7
98	45.8	36.5	54.7

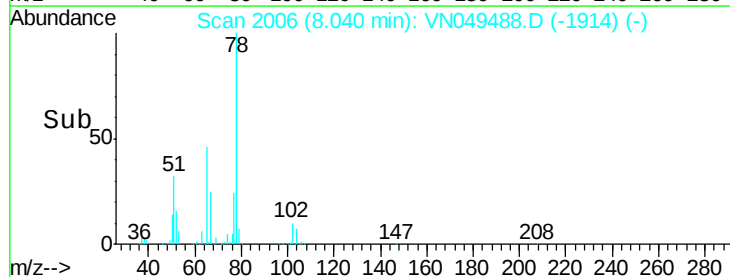
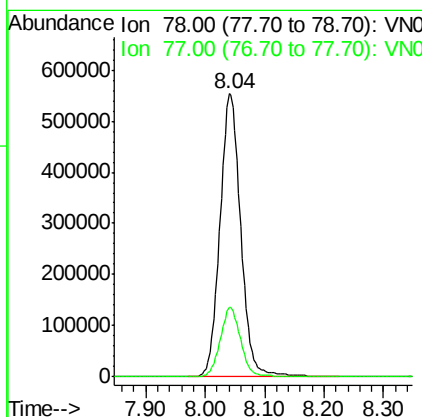
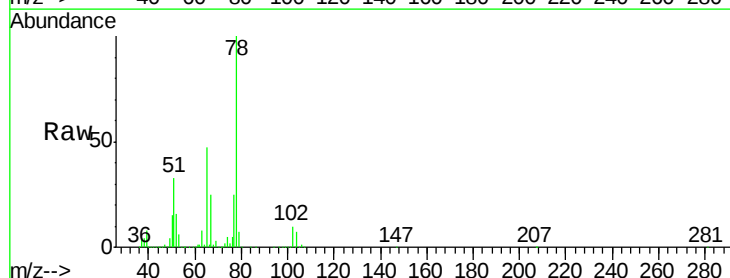
Manual Integrations
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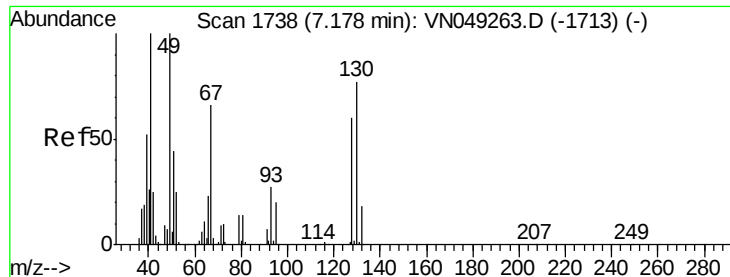
MMDadoda
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#40
Benzene
Concen: 18.70 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





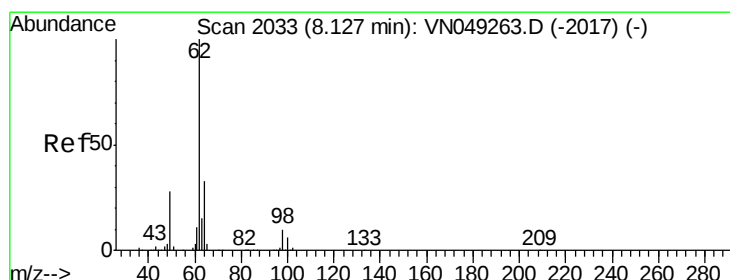
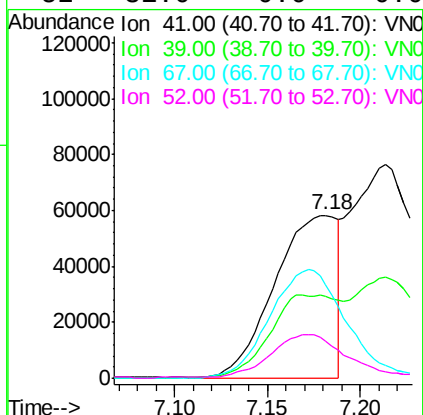
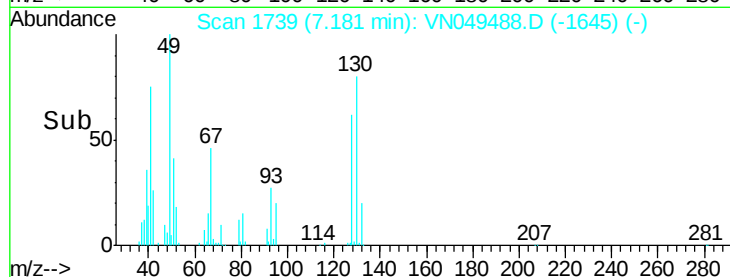
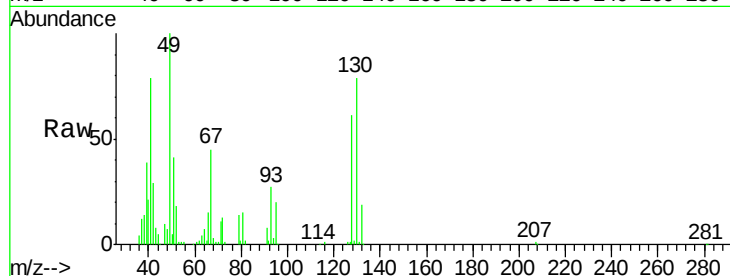
#41
Methacrylonitrile
Concen: 19.90 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.0	0.0	0.0#
67	82.2	0.0	0.0#
52	31.0	0.0	0.0#

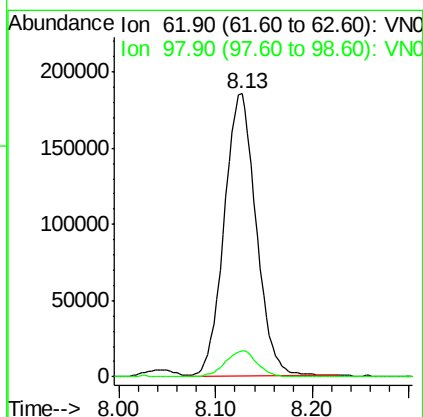
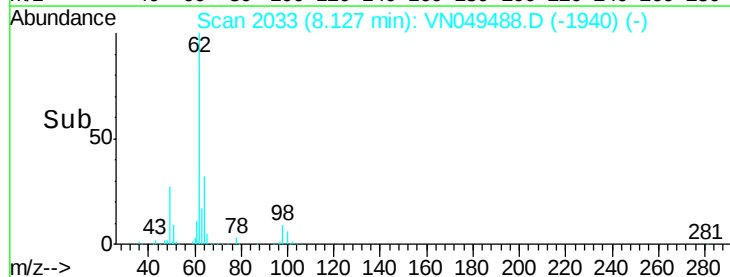
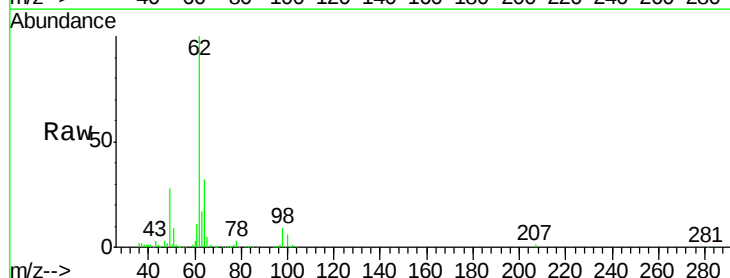
Manual Integrations
APPROVED

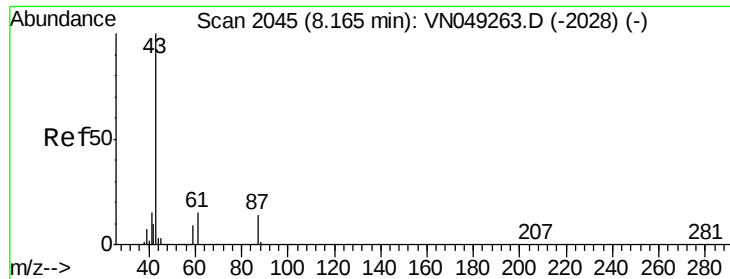
MMDadoda
6/25/2018 4:23:20 PM



#42
1,2-Dichloroethane
Concen: 19.19 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.52 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

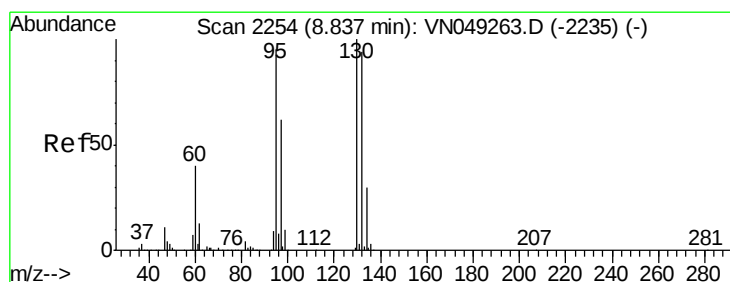
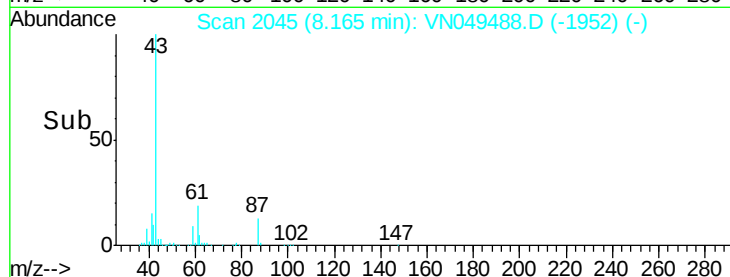
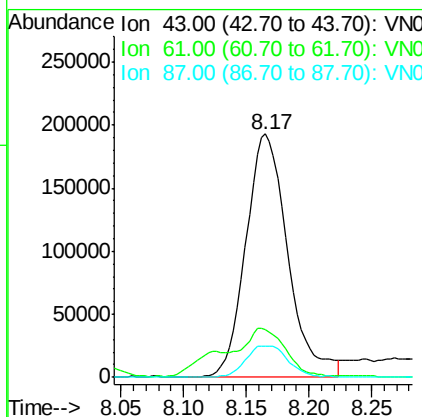
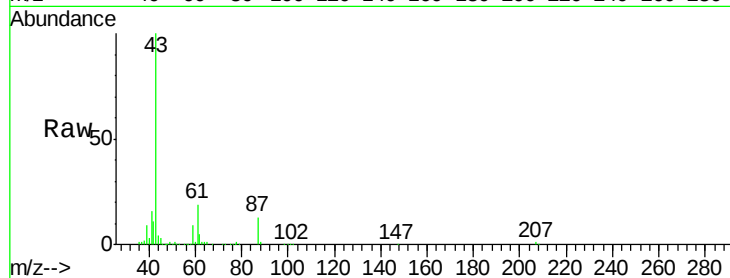
ClientSampleId :

VN0622WBS01

Tot Ion:	43	Resp:	448915
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.2	21.4
87	13.0	9.4	14.0

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#44

Trichloroethene

Concen: 19.27 ug/l

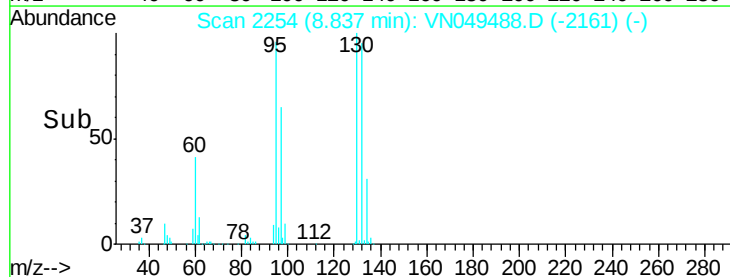
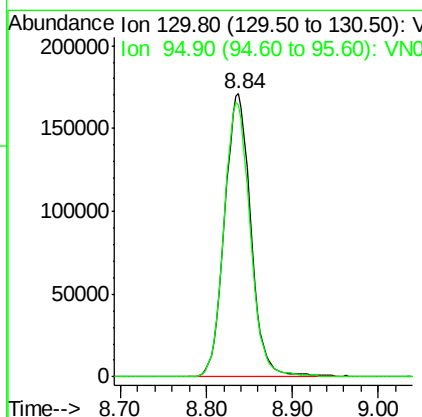
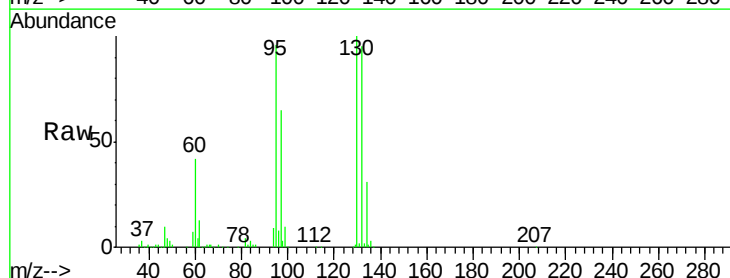
RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion:	130	Resp:	364144
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	208.6





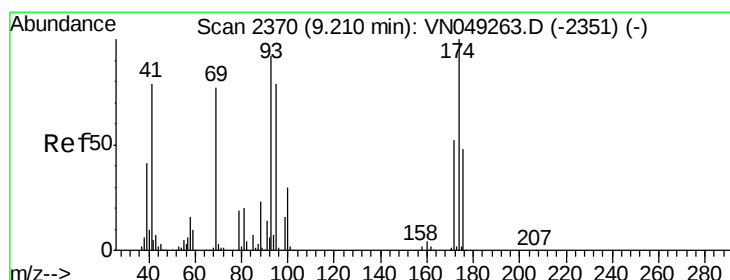
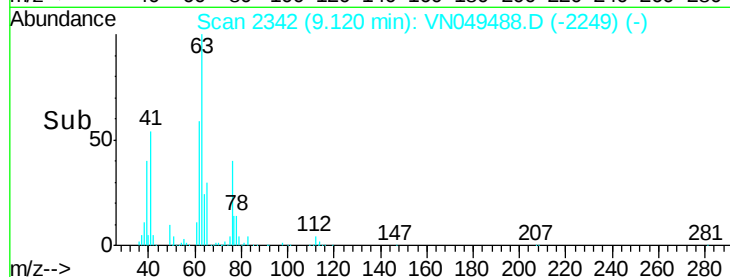
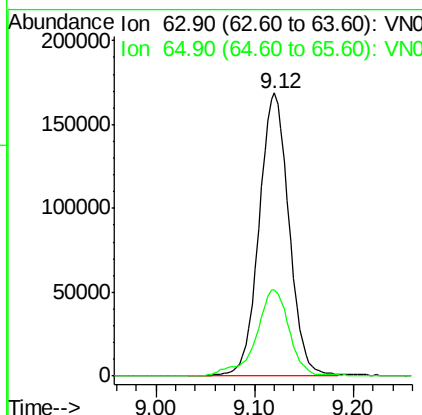
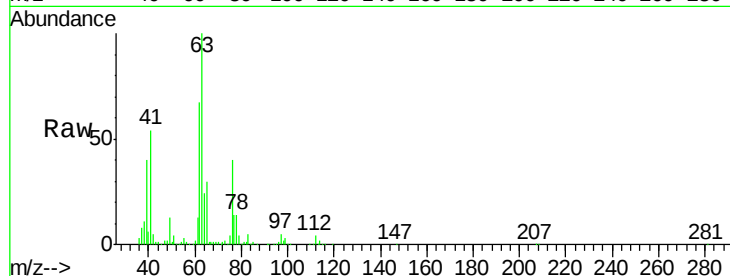
#45
 1,2-Dichloropropane
 Concen: 18.81 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.8	37.2

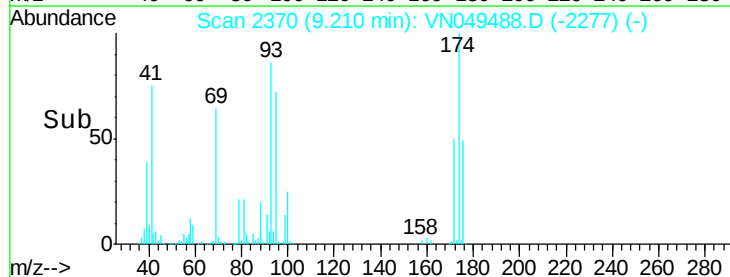
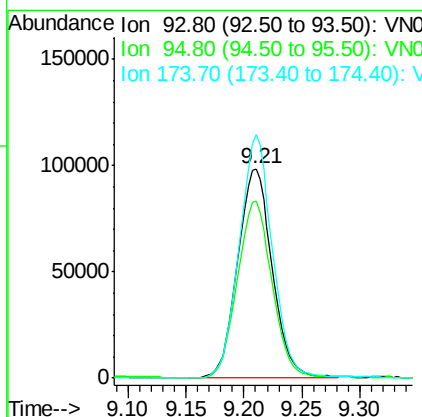
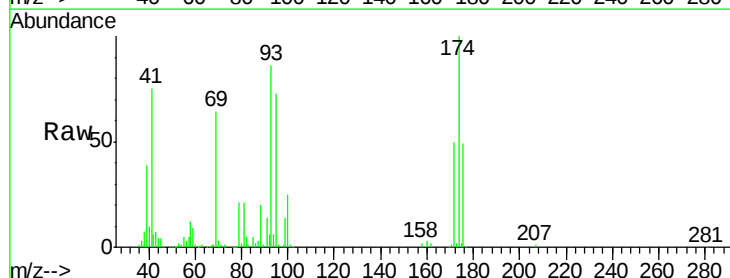
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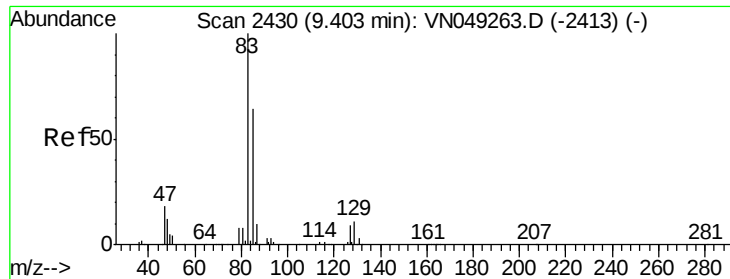
MMDadoda
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#46
 Dibromomethane
 Concen: 18.85 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.2	100.8
174	111.8	75.6	113.4





#47

Bromodichloromethane

Concen: 18.99 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

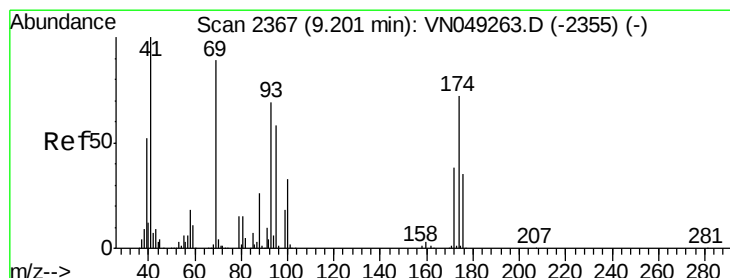
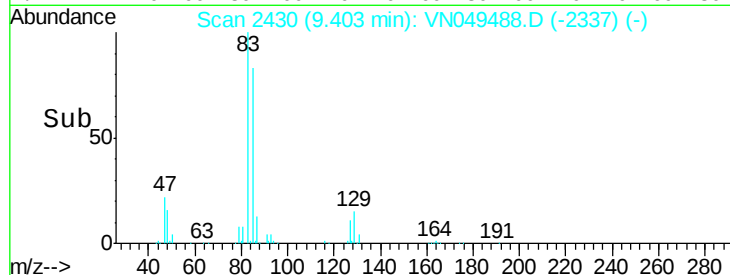
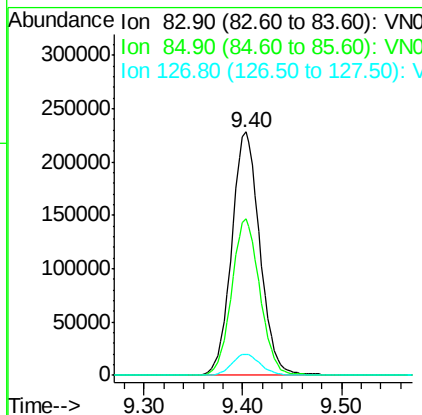
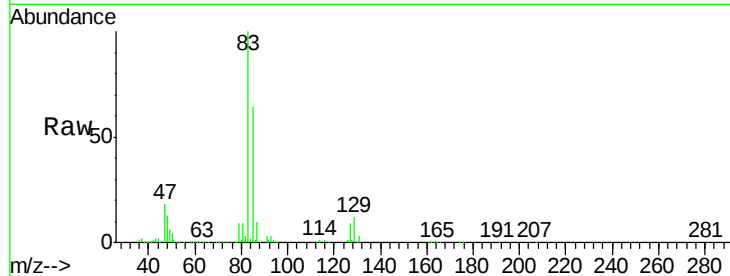
ClientSampleId :

VN0622WBS01

Tot Ion:	83	Resp:	453387
Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.4	74.0
127	8.7	6.3	9.5

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#48

Methyl methacrylate

Concen: 19.32 ug/l

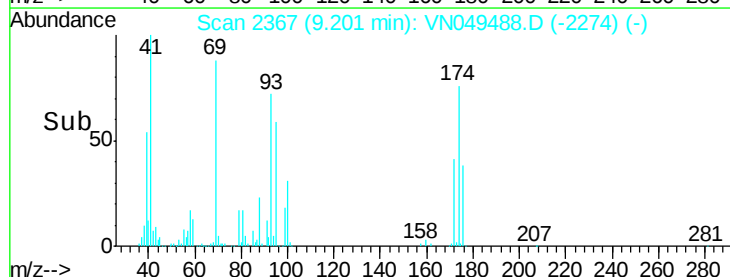
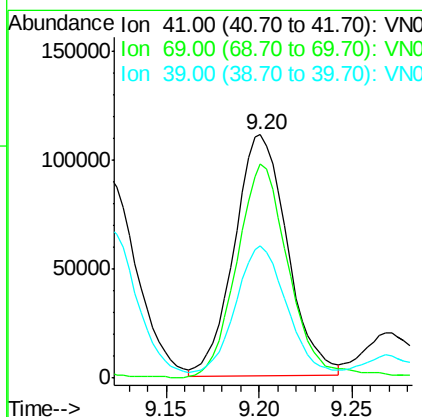
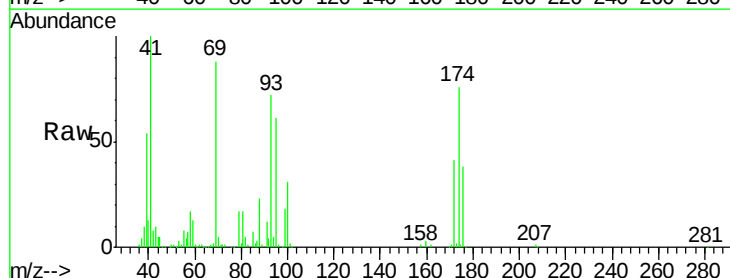
RT: 9.20 min Scan# 2367

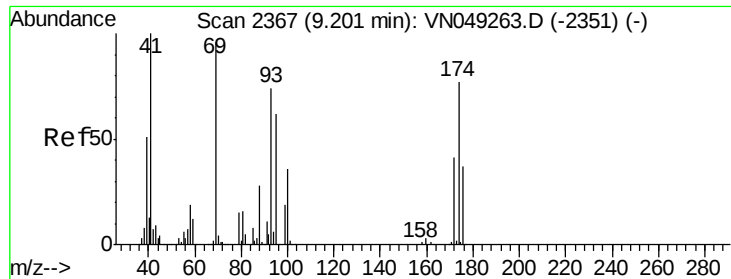
Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion:	41	Resp:	220570
Ion	Ratio	Lower	Upper
41	100		
69	86.8	62.0	93.0
39	53.3	50.6	75.8





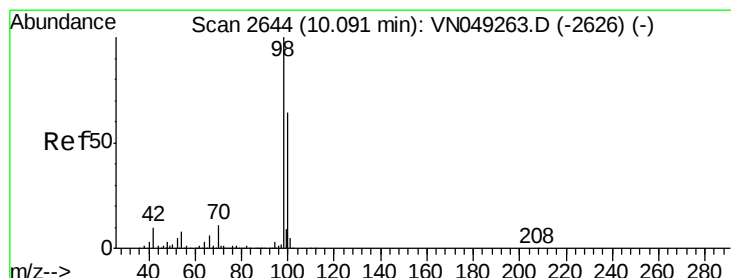
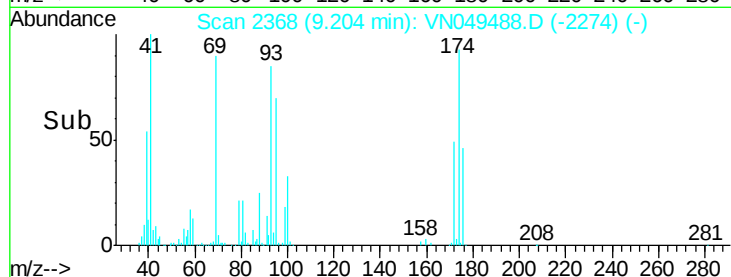
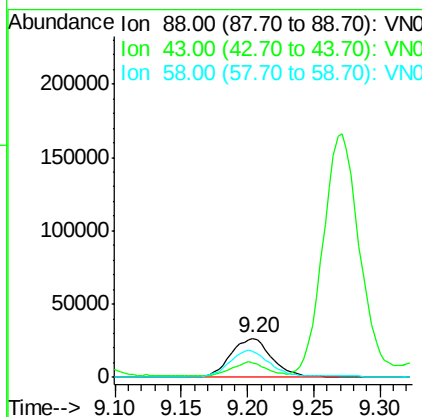
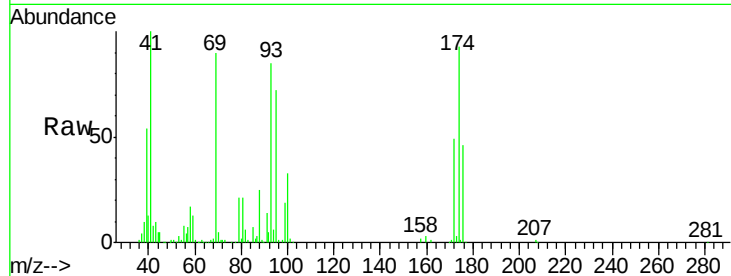
#49
1,4-Dioxane
Concen: 367.24 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	30.9	46.3#
58	68.3	58.9	88.3

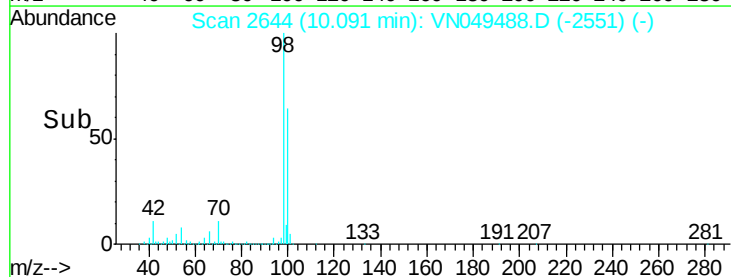
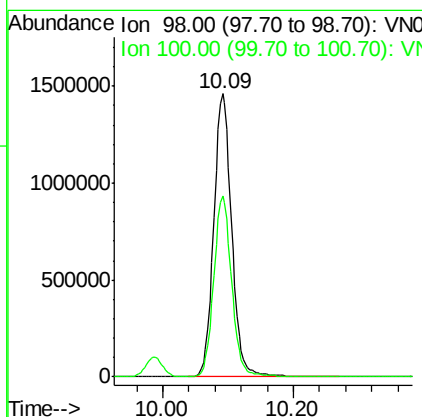
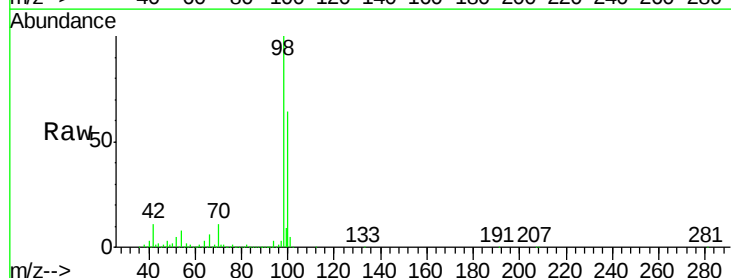
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#50
Toluene-d8
Concen: 44.59 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.8	74.8





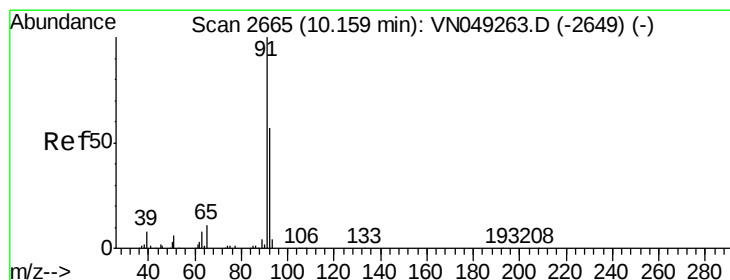
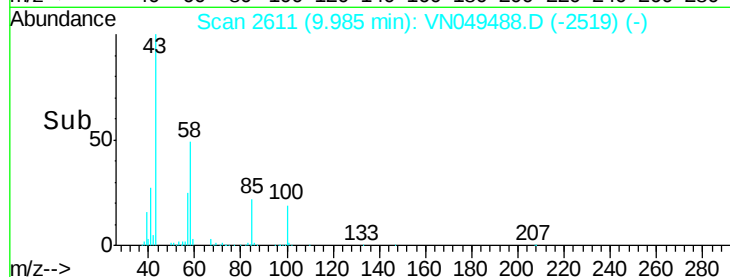
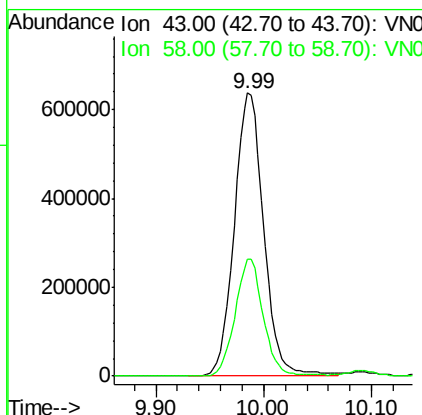
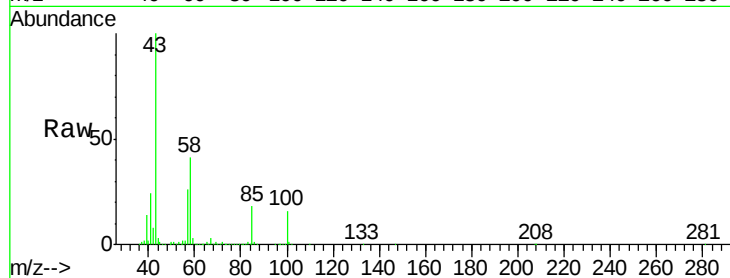
#51
4-Methyl-2-Pentanone
Concen: 95.15 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 43 Resp: 1208869
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

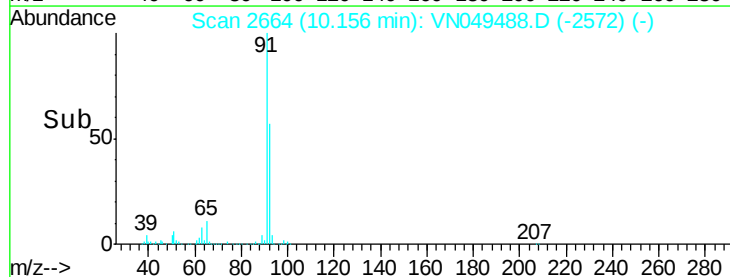
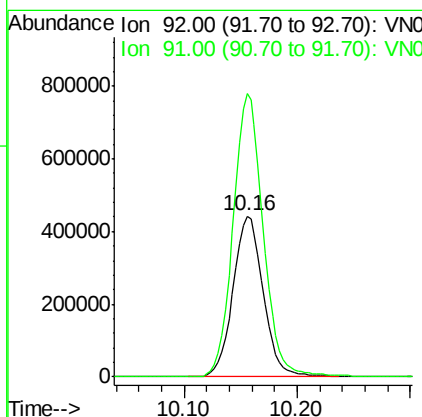
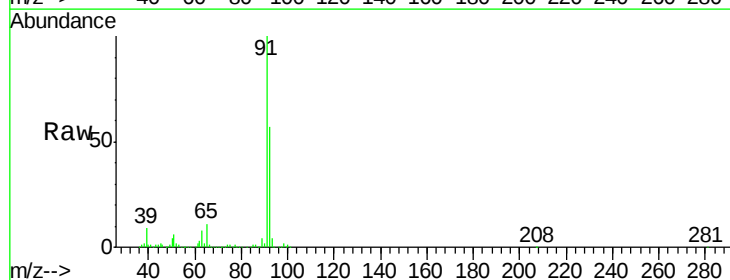
Manual Integrations
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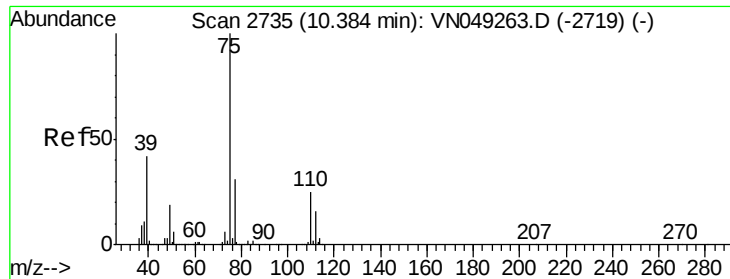
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#52
Toluene
Concen: 19.58 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion: 92 Resp: 822091
Ion Ratio Lower Upper
92 100
91 175.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 18.27 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0622WBS01

Tot Ion: 75 Resp: 417281

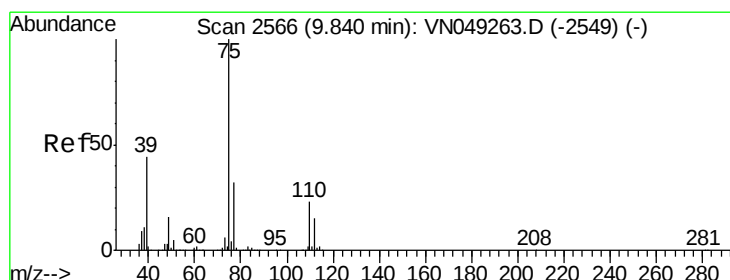
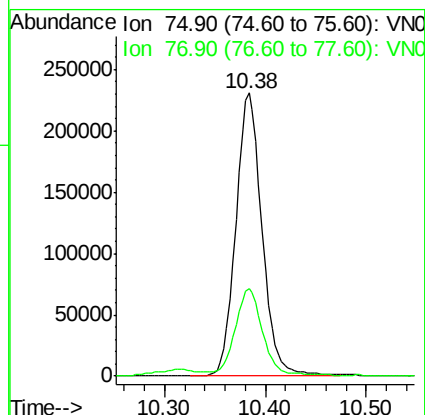
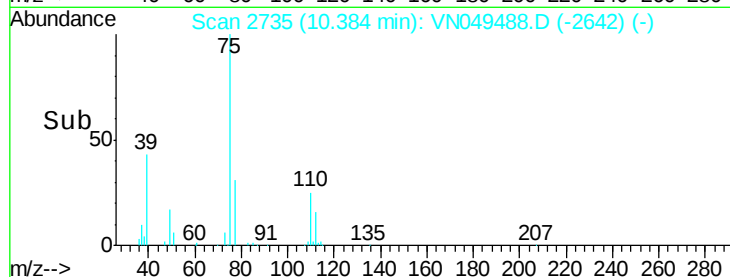
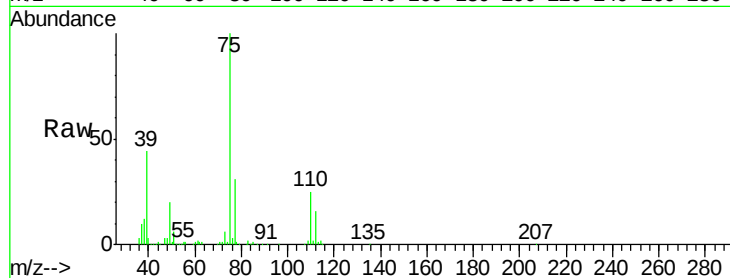
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

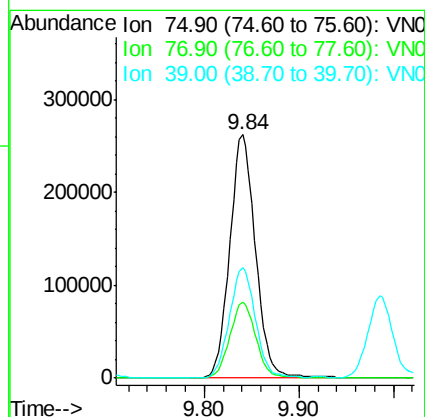
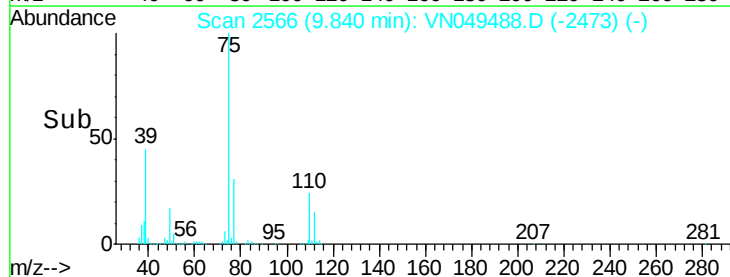
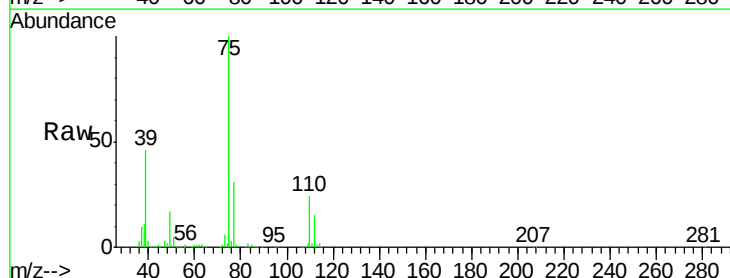
Tgt Ion: 75 Resp: 497363

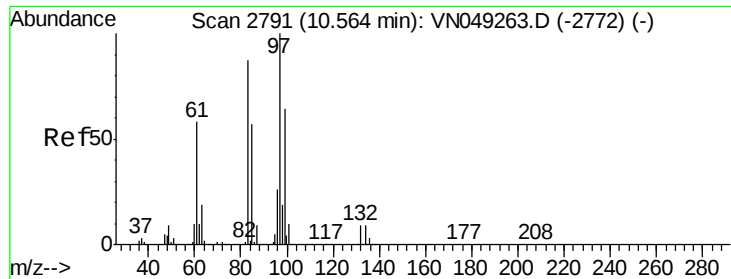
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 45.5 45.1 67.7





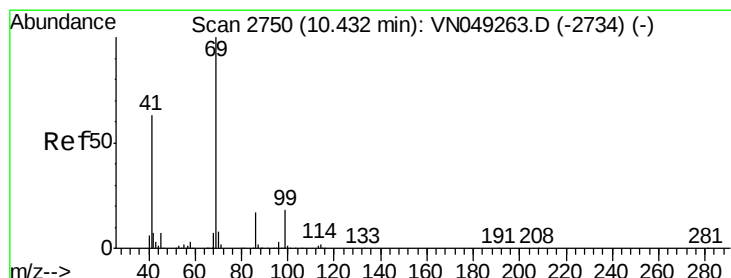
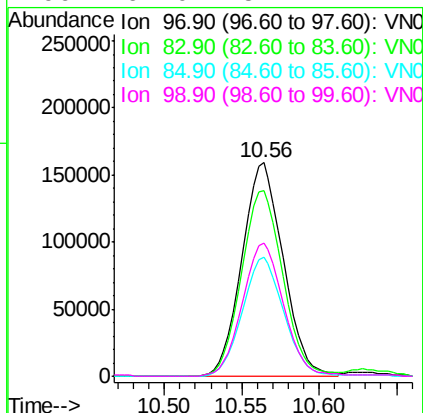
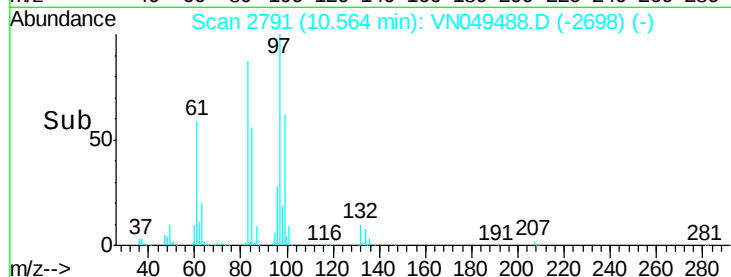
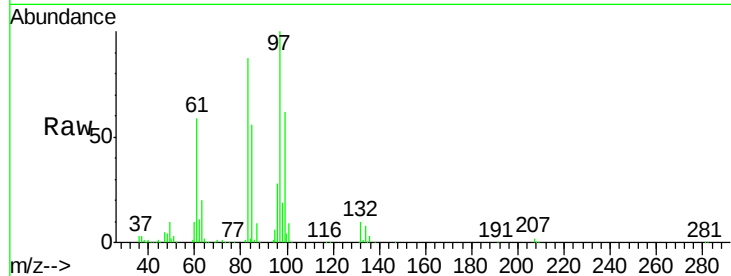
#55
 1,1,2-Trichloroethane
 Concen: 18.90 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion:	97	Resp:	295855
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.5	107.3
85	55.6	47.0	70.4
99	62.0	51.4	77.2

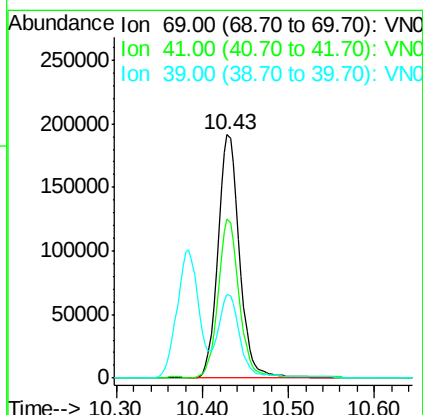
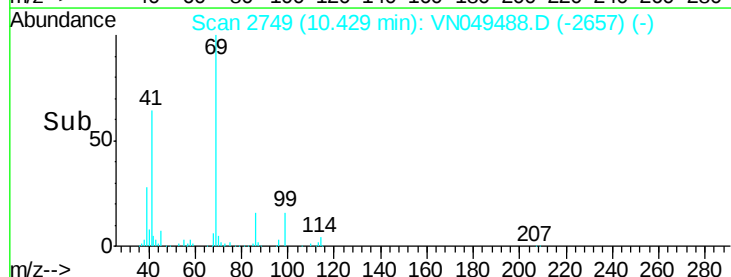
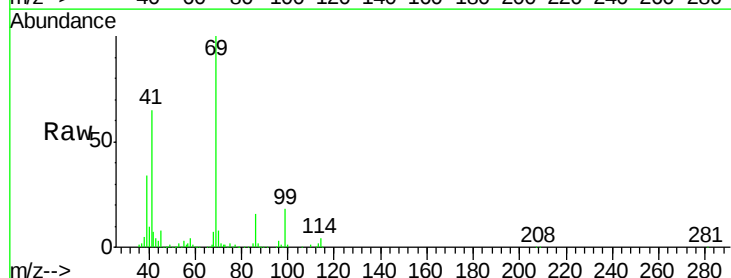
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#56
 Ethyl methacrylate
 Concen: 18.50 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion:	69	Resp:	334116
Ion	Ratio	Lower	Upper
69	100		
41	63.1	58.4	87.6
39	33.1	35.5	53.3#





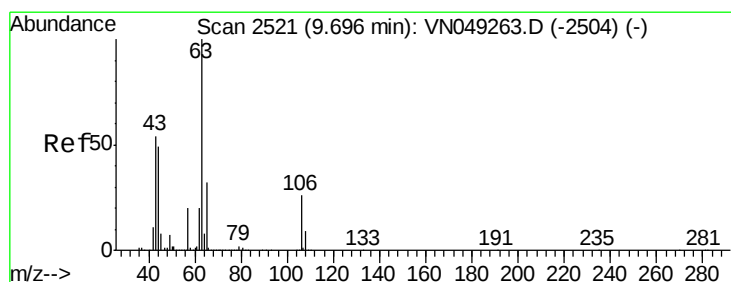
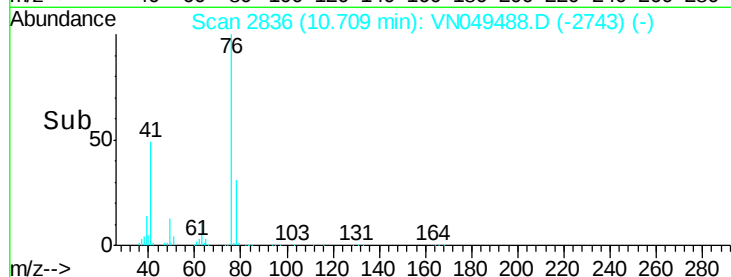
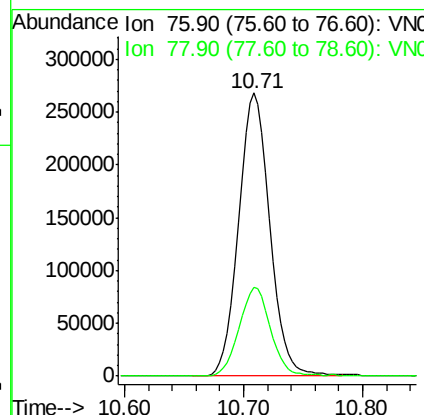
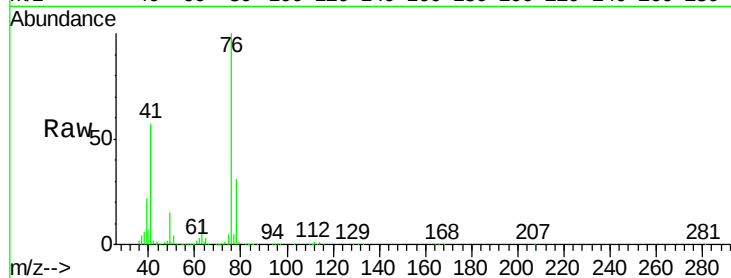
#57
 1,3-Dichloropropane
 Concen: 18.80 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.3	39.5

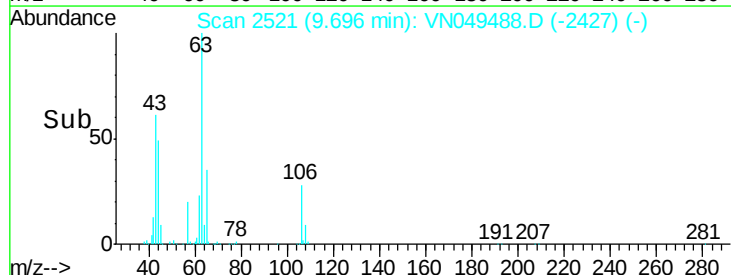
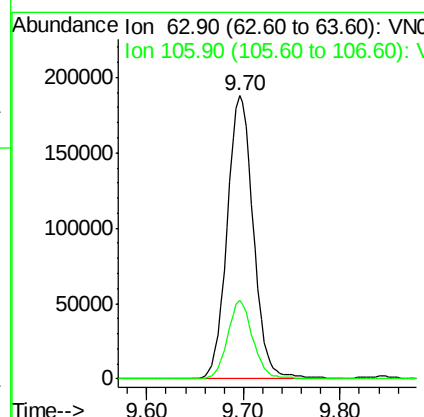
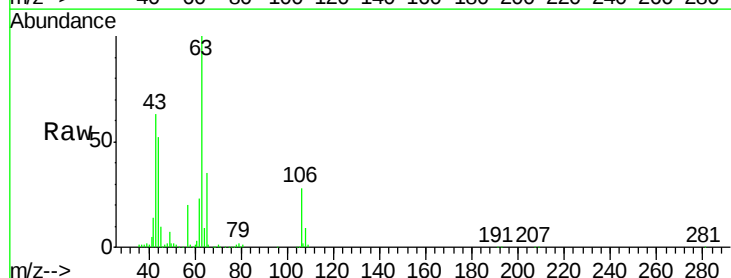
Manual Integrations
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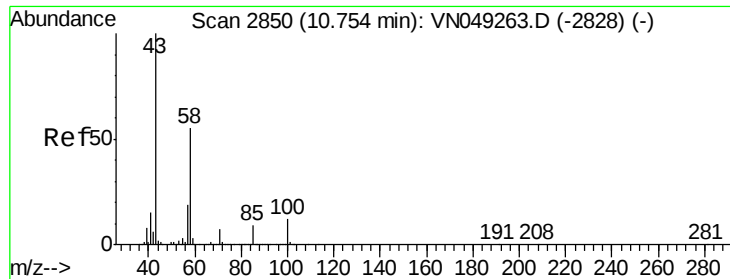
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#58
 2-Chloroethyl Vinyl ether
 Concen: 65.99 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	19.4	29.2





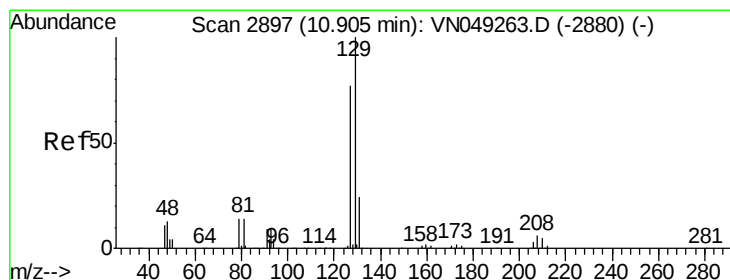
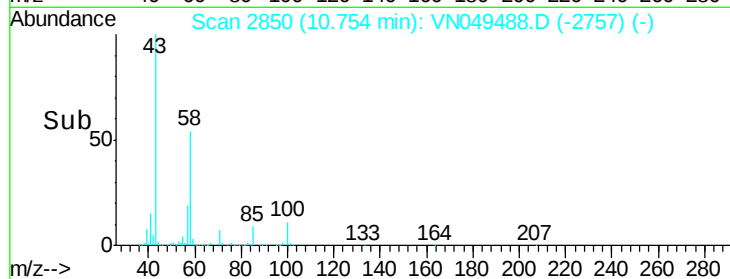
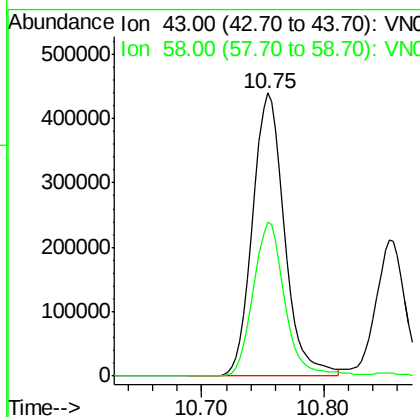
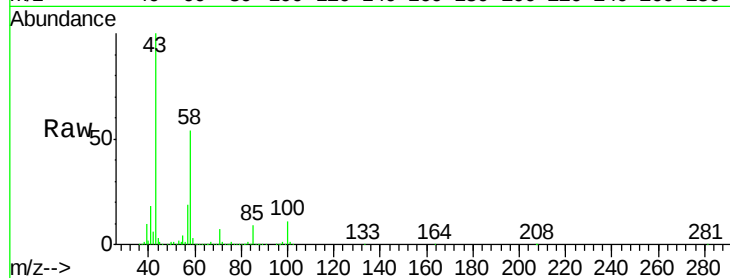
#59
2-Hexanone
Concen: 96.28 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 43 Resp: 788692
Ion Ratio Lower Upper
43 100
58 53.9 25.2 75.6

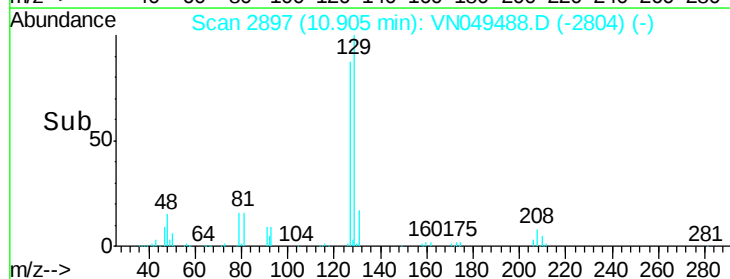
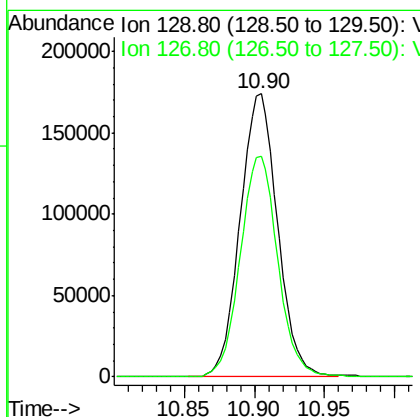
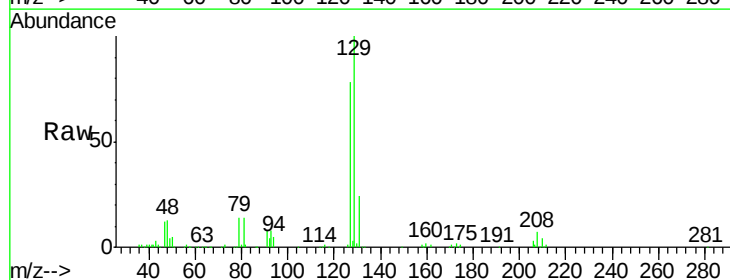
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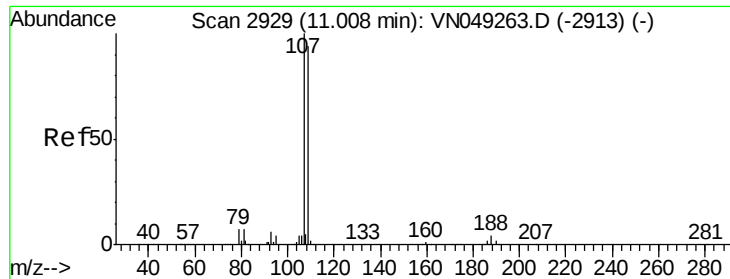
MMDadoda
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#60
Dibromochloromethane
Concen: 18.51 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion: 129 Resp: 323443
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





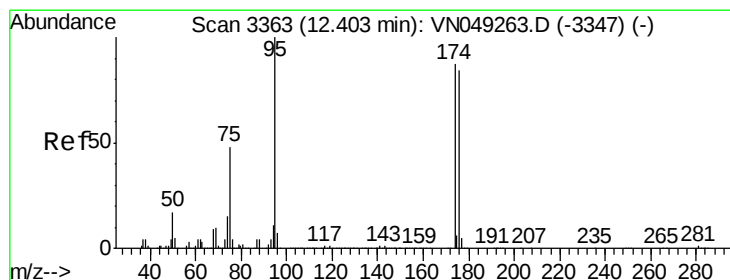
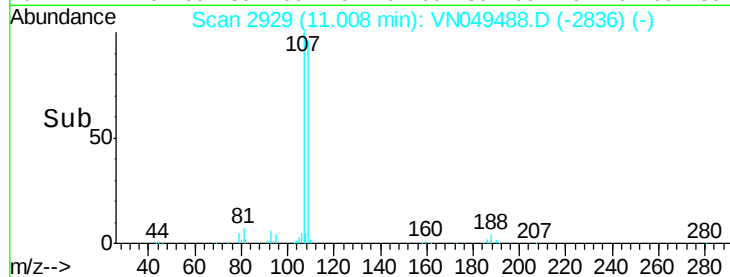
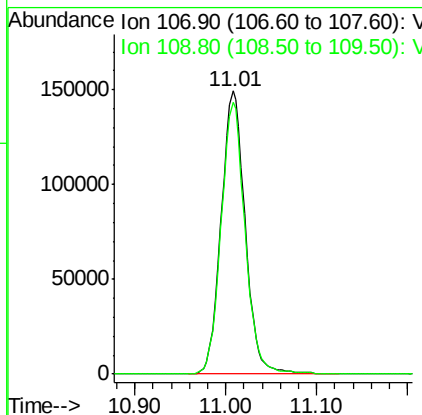
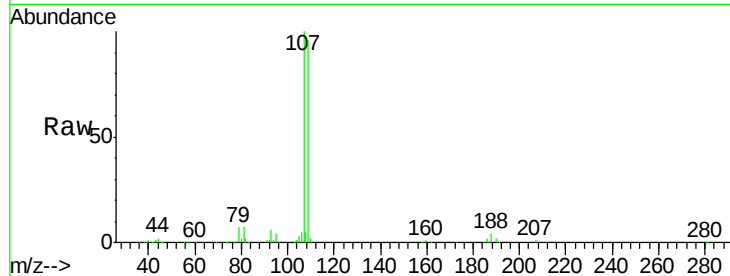
#61
 1,2-Dibromoethane
 Concen: 18.84 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion: 107 Resp: 274210
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.2

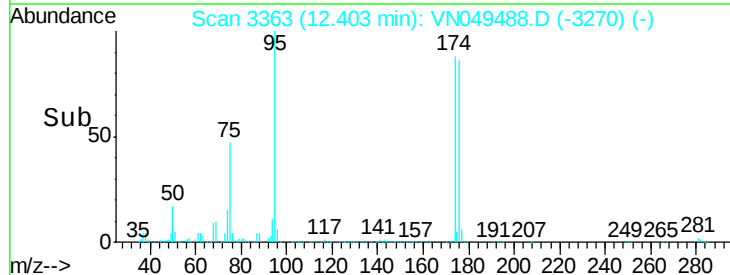
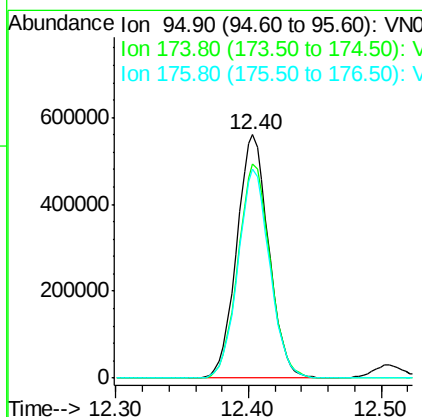
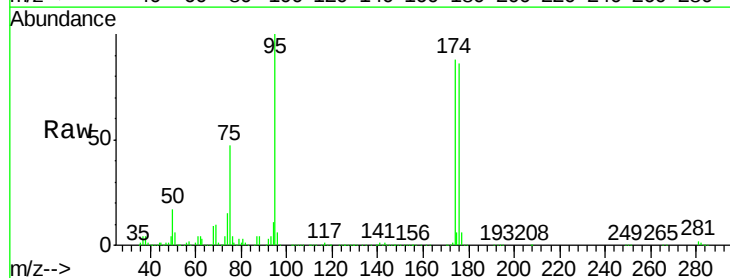
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#62
 4-Bromofluorobenzene
 Concen: 45.14 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion: 95 Resp: 936393
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 165.6
 176 85.3 0.0 157.4





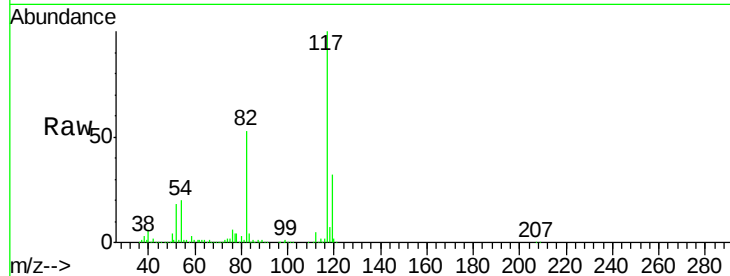
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

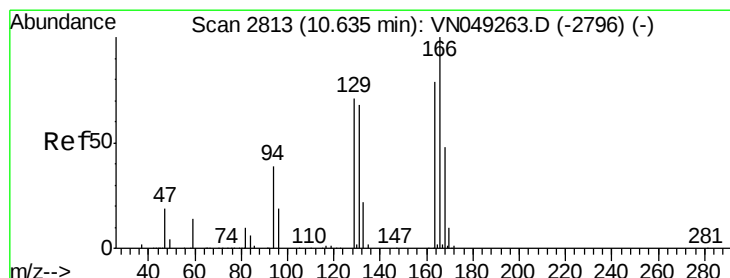
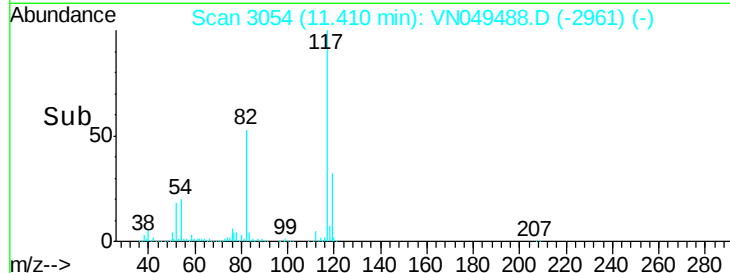
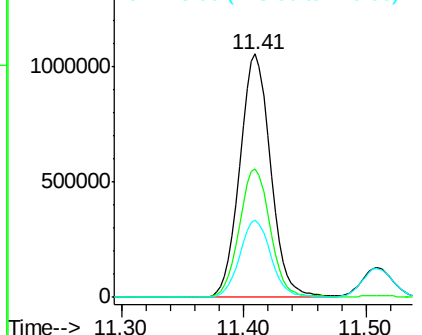
Tot Ion:117 Resp: 1841526
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.7 25.5 38.3

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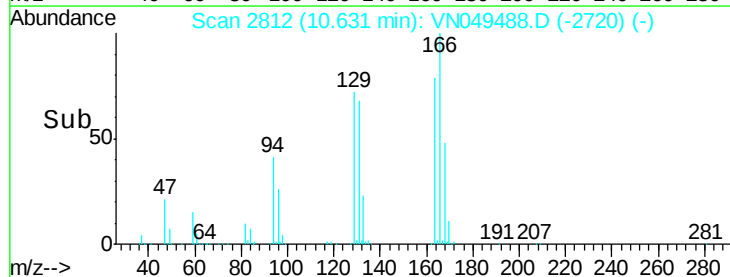
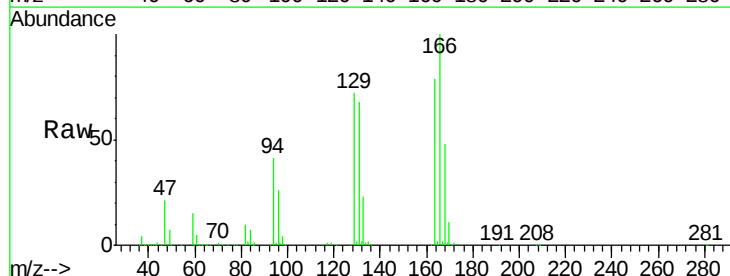
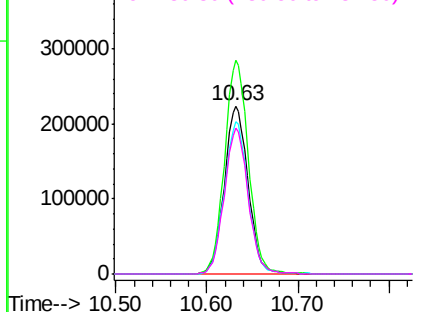
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

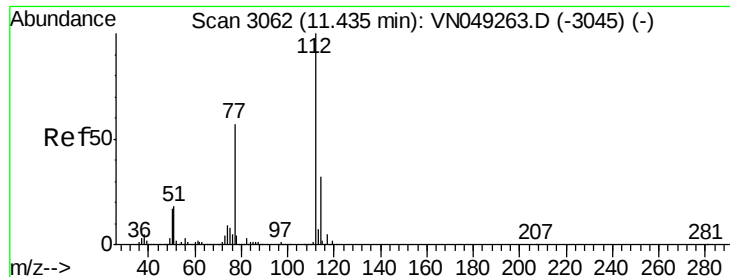


#64
Tetrachloroethene
Concen: 21.47 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion:164 Resp: 405088
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.2
129 90.9 74.1 111.1
131 86.6 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





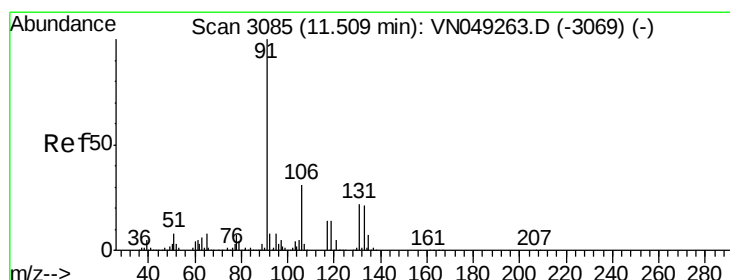
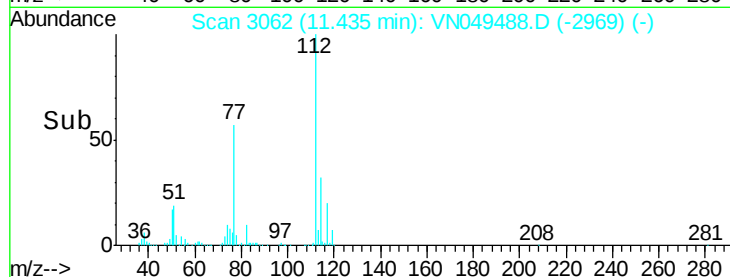
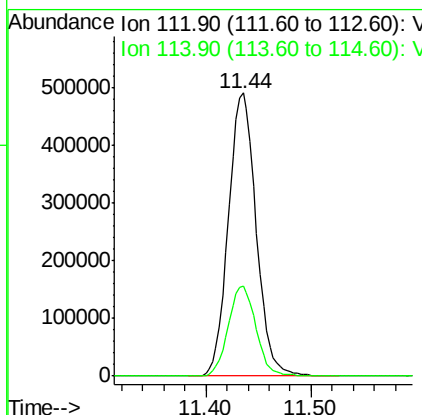
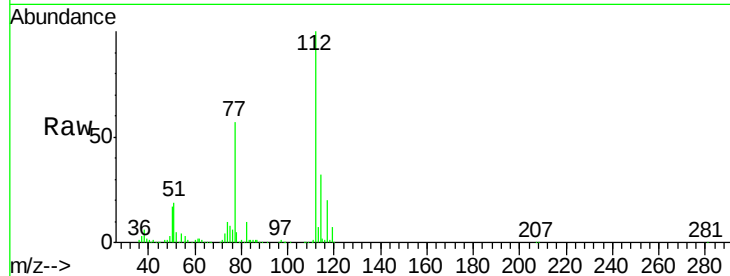
#65
Chlorobenzene
Concen: 18.82 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion:112 Resp: 893006
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4

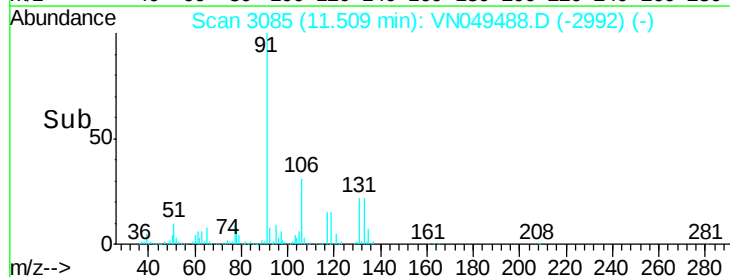
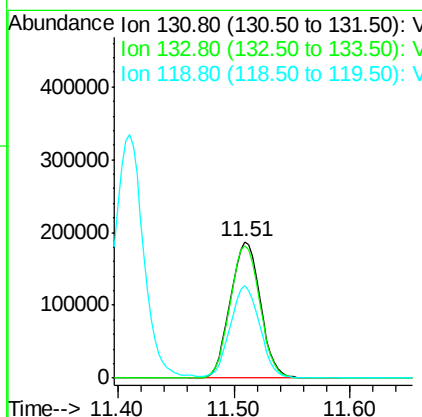
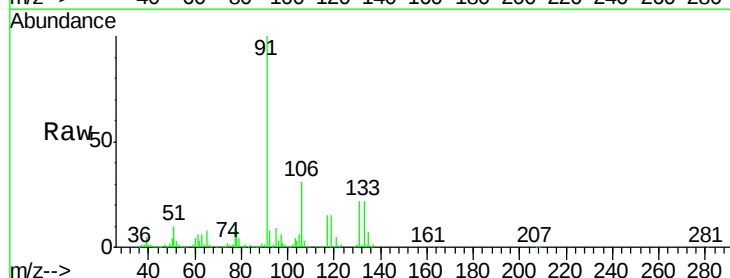
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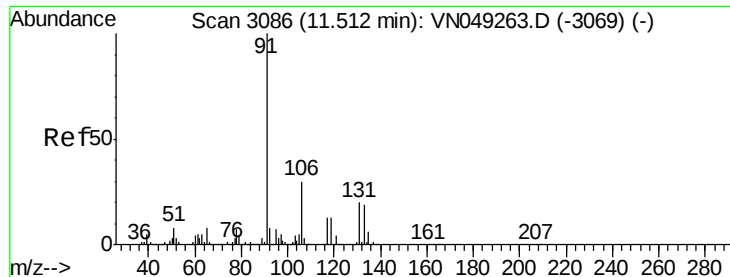
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.74 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion:131 Resp: 334479
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.2
119 67.0 33.6 100.8





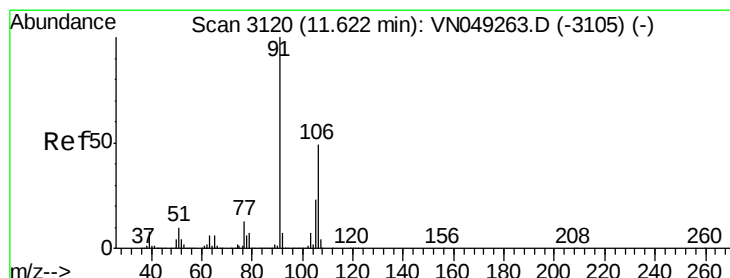
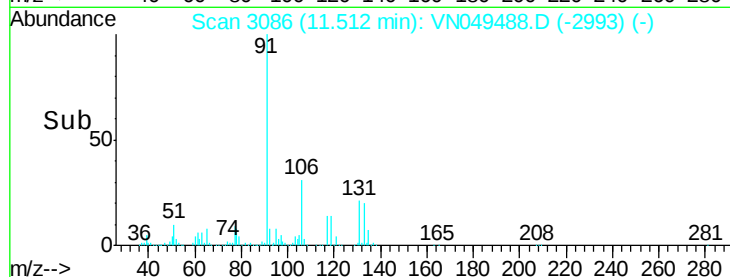
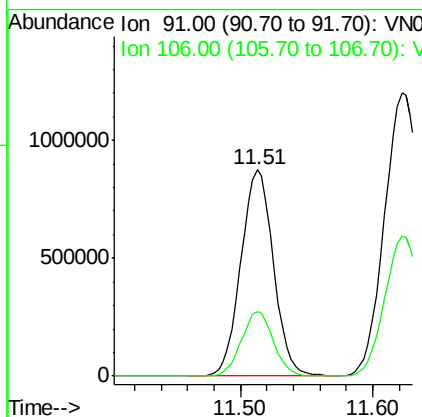
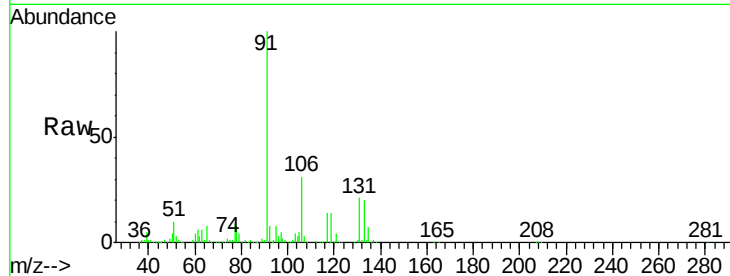
#67
Ethyl Benzene
Concen: 18.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion: 91 Resp: 1490858
Ion Ratio Lower Upper
91 100
106 31.4 23.9 35.9

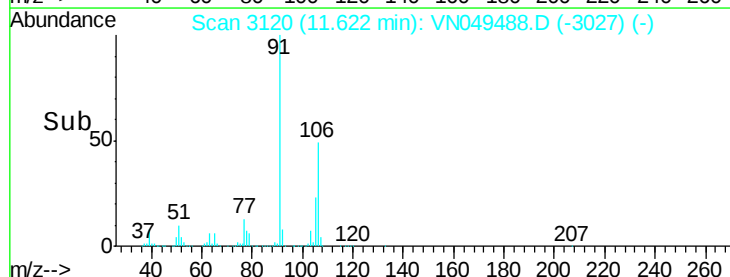
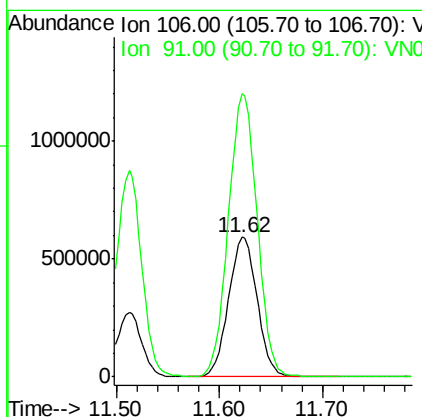
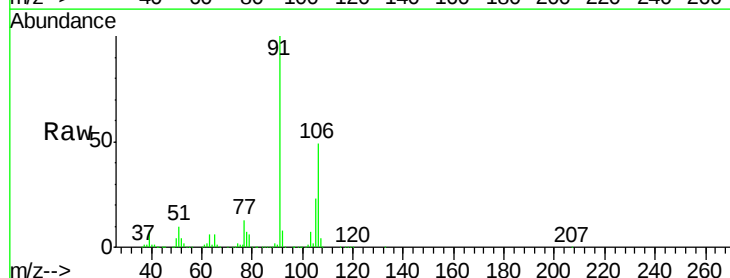
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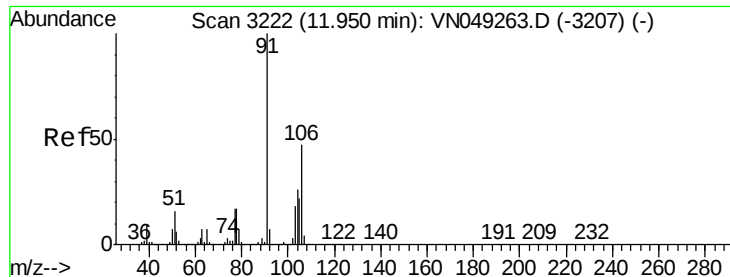
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#68
m/p-Xylenes
Concen: 38.79 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion: 106 Resp: 1145614
Ion Ratio Lower Upper
106 100
91 203.9 167.3 250.9





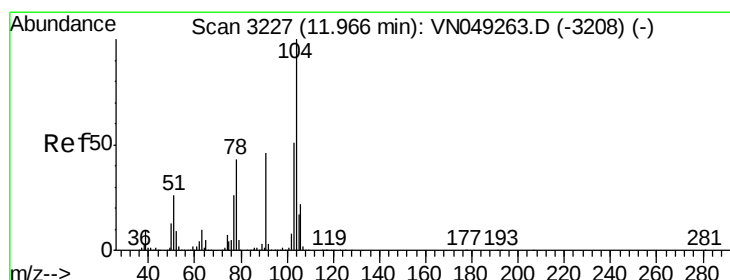
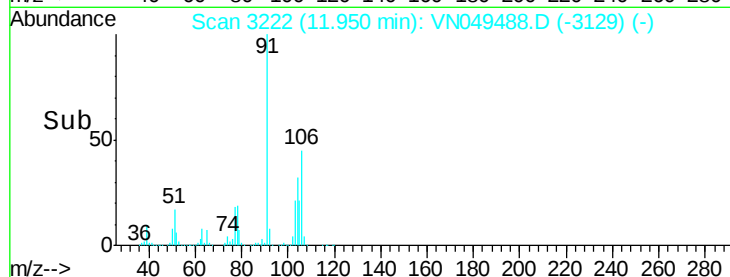
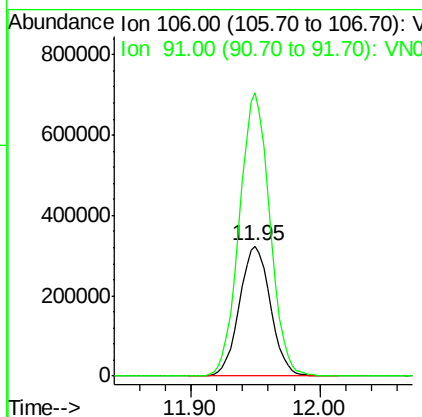
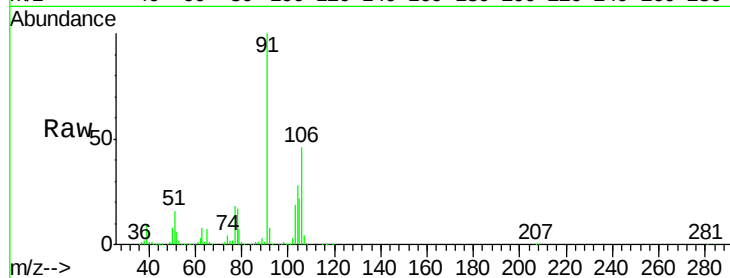
#69
o-Xylene
Concen: 19.04 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		541435		
91	214.7	111.0	333.0		

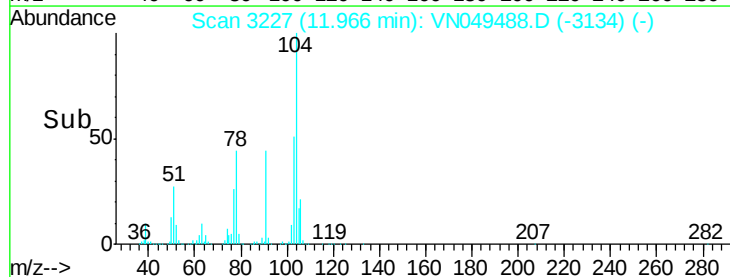
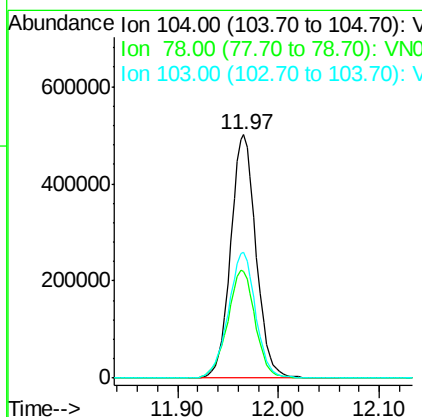
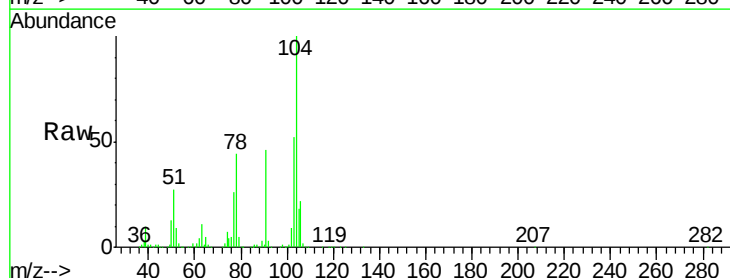
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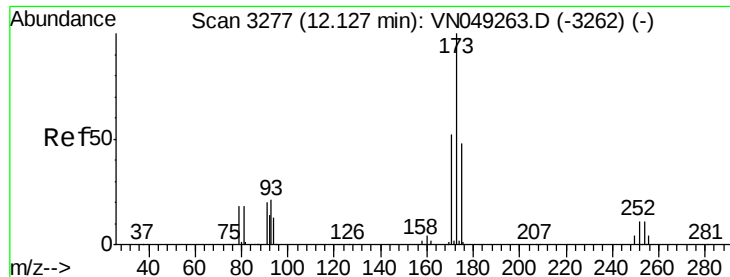
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#70
Styrene
Concen: 19.52 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		876110		
78	48.6	41.6	62.4		
103	55.8	45.4	68.2		





#71

Bromoform

Concen: 18.72 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:173 Resp: 216308

Ion Ratio Lower Upper

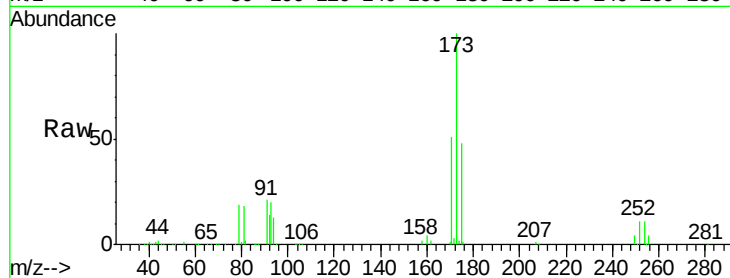
173 100

175 48.4 24.5 73.5

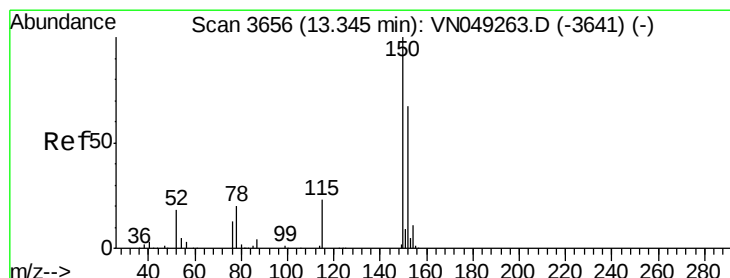
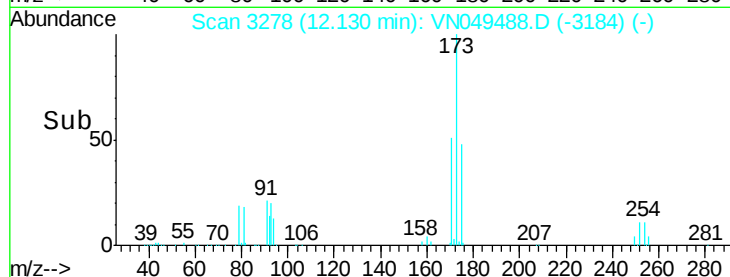
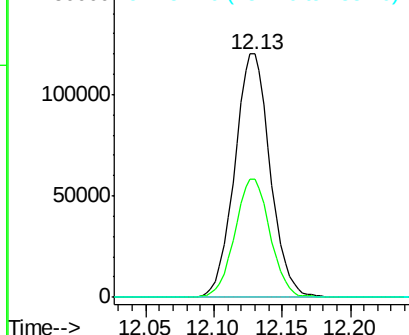
254 0.1 0.1 0.1#

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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: VN049488.D

Acq: 22 Jun 2018 13:47

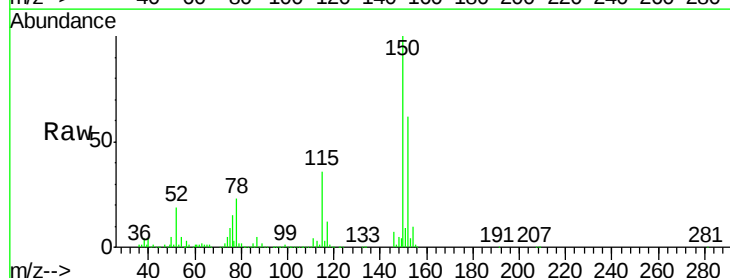
Tgt Ion:152 Resp: 871155

Ion Ratio Lower Upper

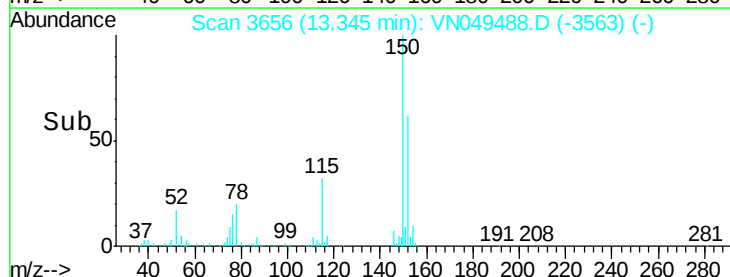
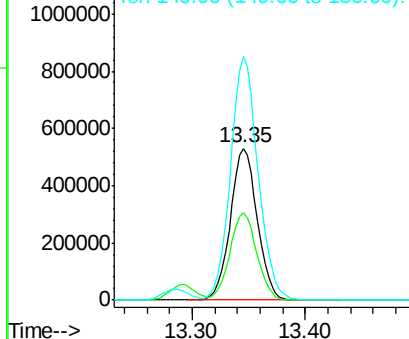
152 100

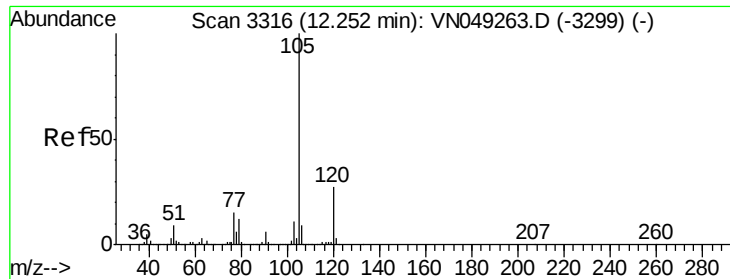
115 57.6 28.7 86.1

150 164.8 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: 19.21 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:105 Resp: 1469358

Ion Ratio Lower Upper

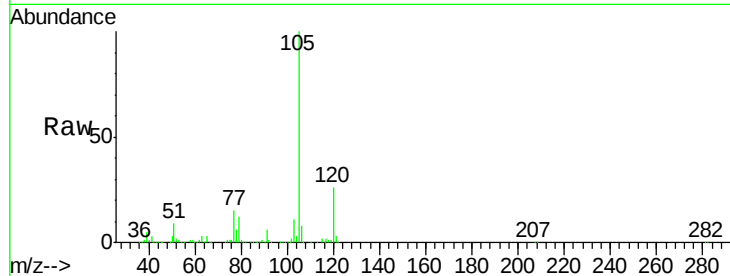
105 100

120 26.7 12.8 38.3

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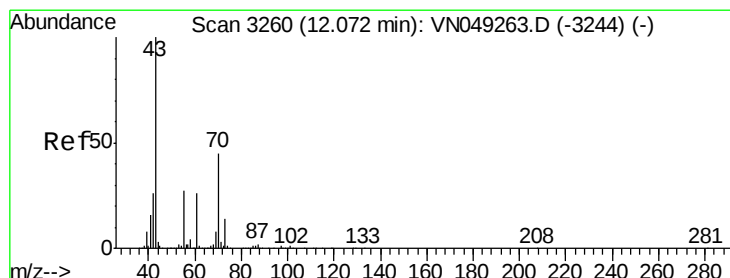
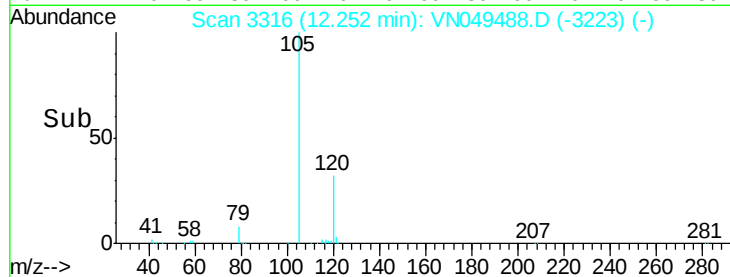
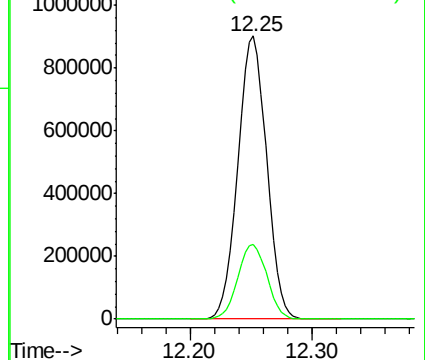
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.53 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion: 43 Resp: 328405

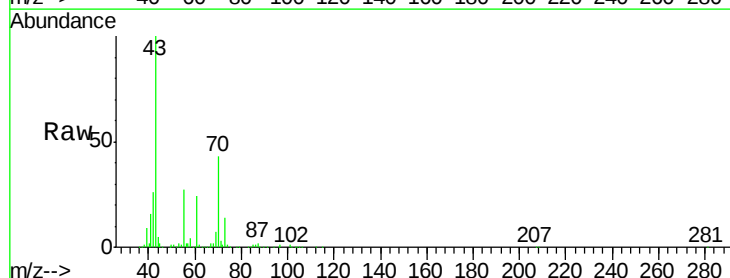
Ion Ratio Lower Upper

43 100

70 43.4 30.3 45.5

55 27.1 19.4 29.2

61 24.1 17.8 26.6

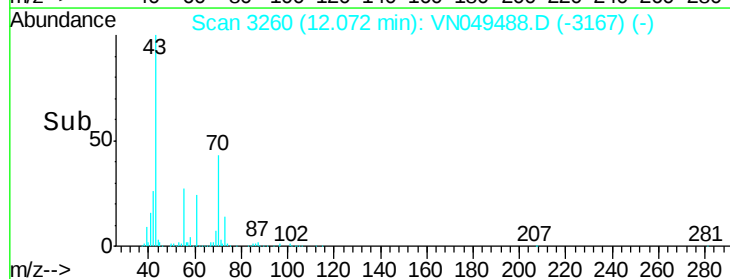
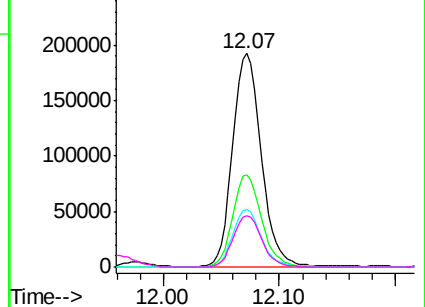


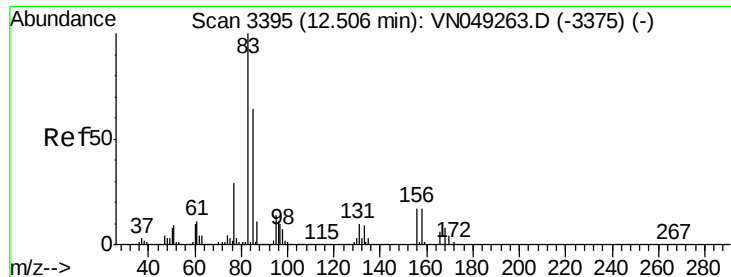
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.00 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 83 Resp: 320876
Ion Ratio Lower Upper

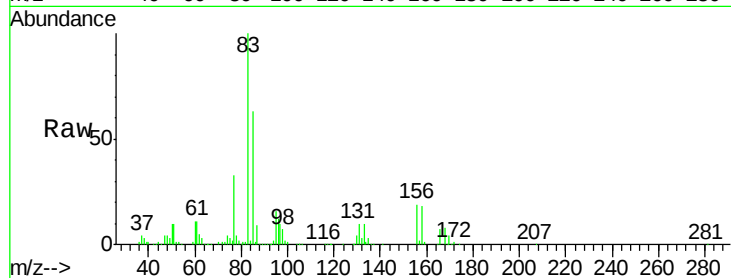
83 100

131 10.4 5.0 15.0

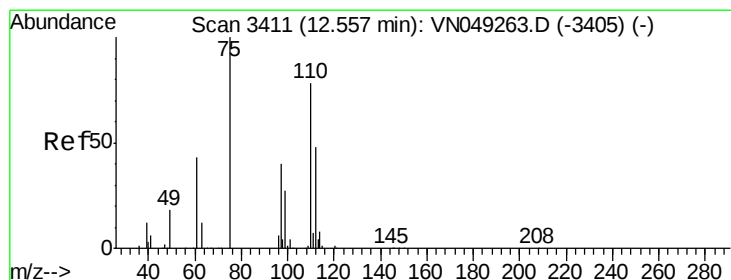
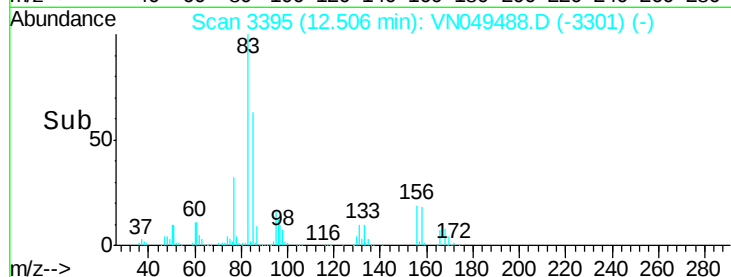
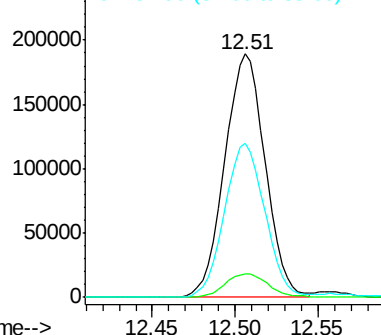
85 63.3 32.0 96.0

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



#76

1,2,3-Trichloropropane

Concen: 18.51 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

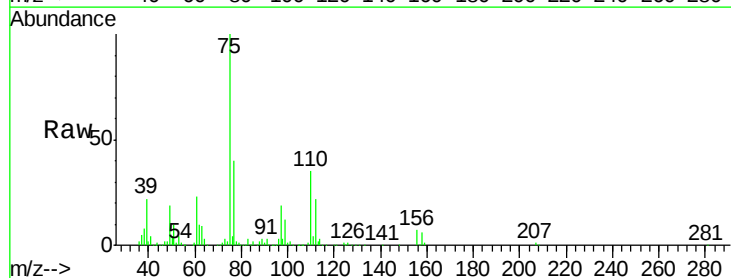
Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

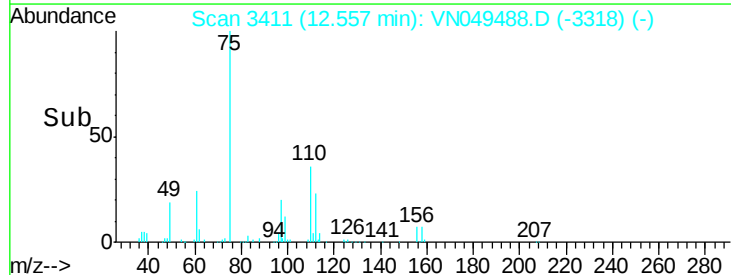
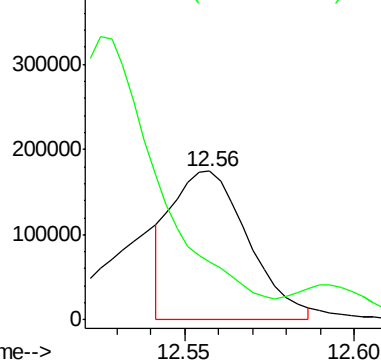
Tgt Ion: 75 Resp: 275096
Ion Ratio Lower Upper

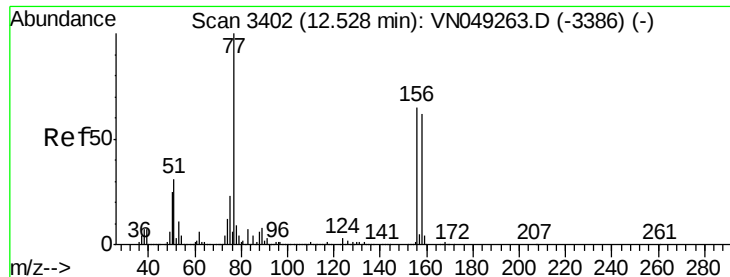
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 18.62 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

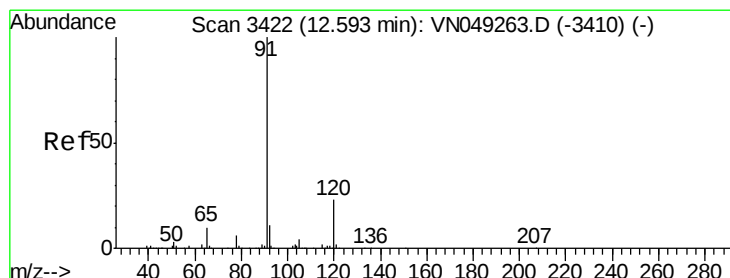
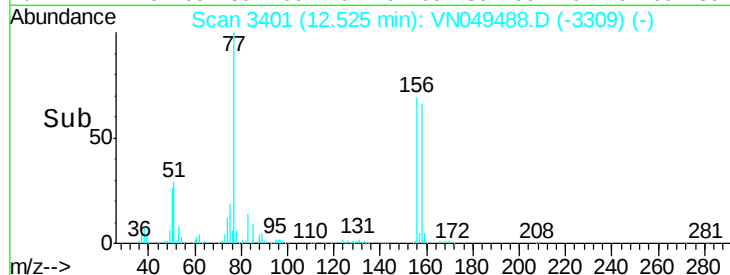
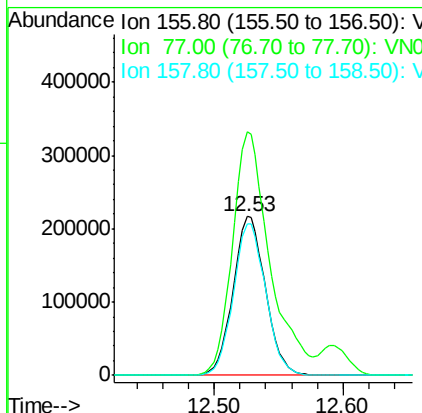
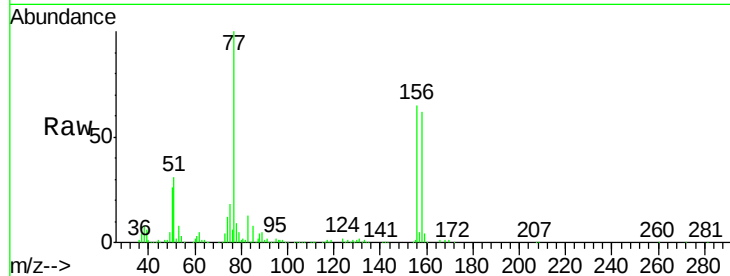
ClientSampleId :

VN0622WBS01

Tot Ion:	156	Resp:	376222
Ion Ratio	Lower	Upper	
156	100		
77	177.7	100.8	302.4
158	95.7	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.79 ug/l

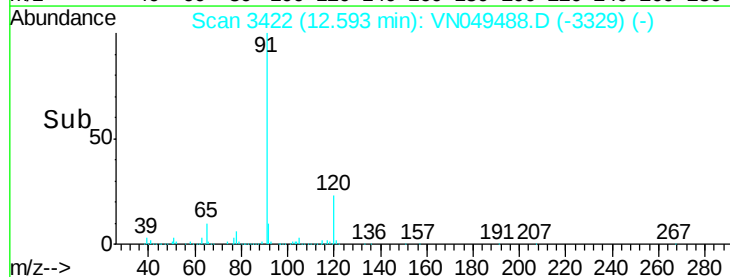
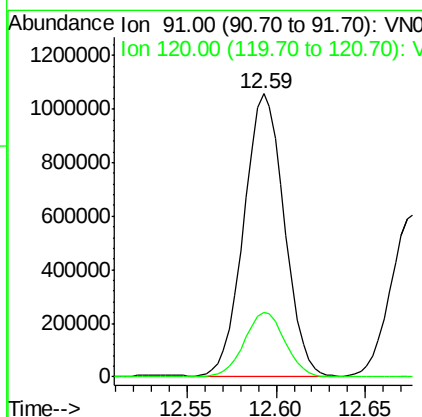
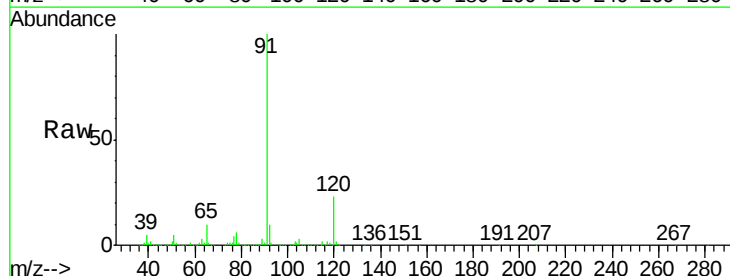
RT: 12.59 min Scan# 3422

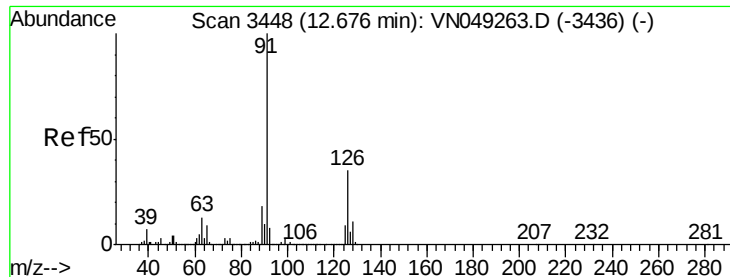
Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion:	91	Resp:	1662324
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.2	33.5





#79

2-Chlorotoluene

Concen: 18.89 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion: 91 Resp: 1005147

Ion Ratio Lower Upper

91 100

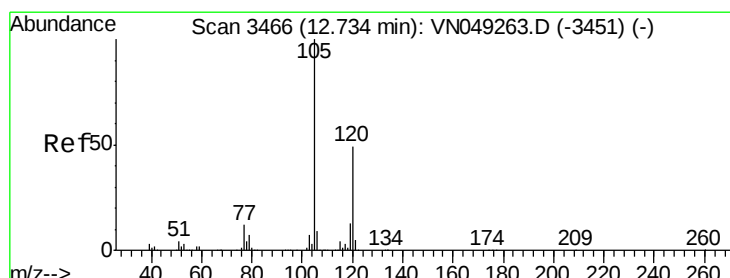
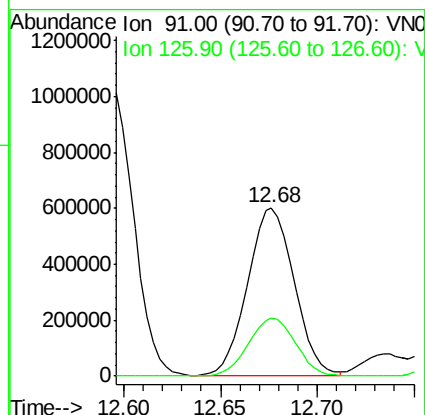
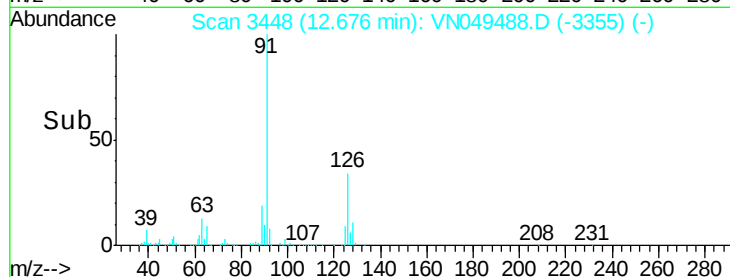
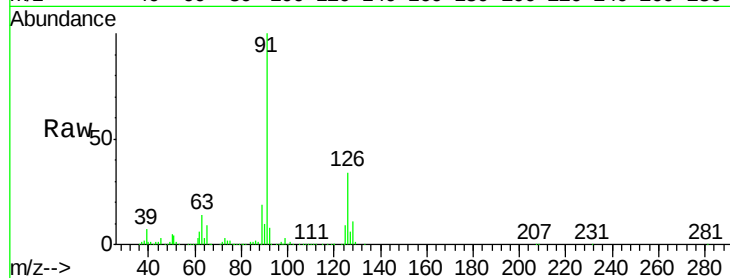
126 35.2 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049488.D

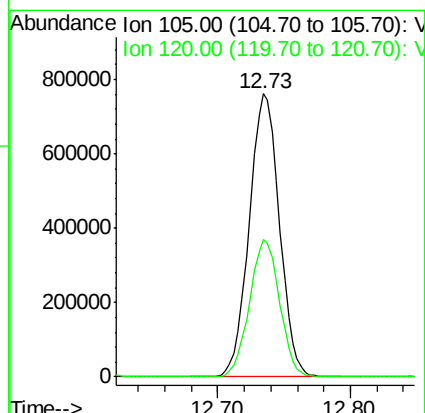
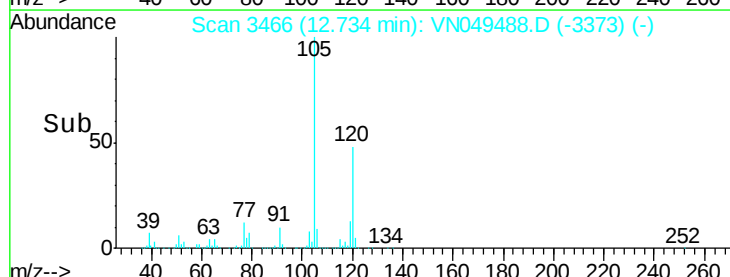
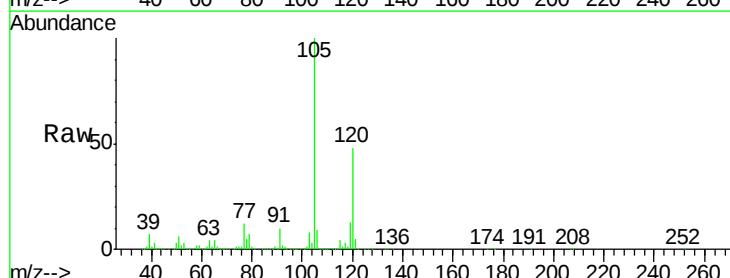
Acq: 22 Jun 2018 13:47

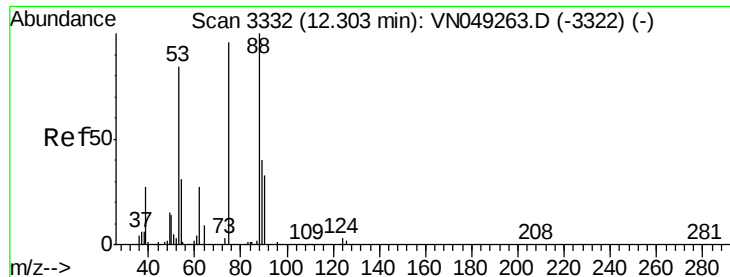
Tgt Ion:105 Resp: 1198993

Ion Ratio Lower Upper

105 100

120 48.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.58 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

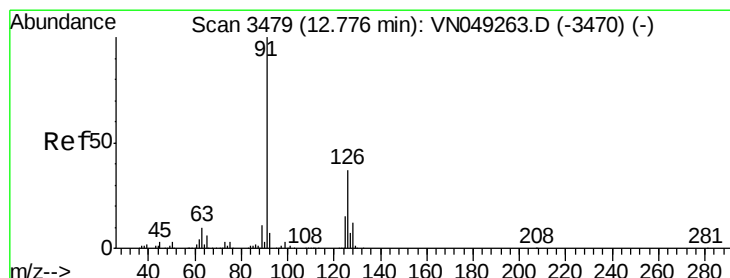
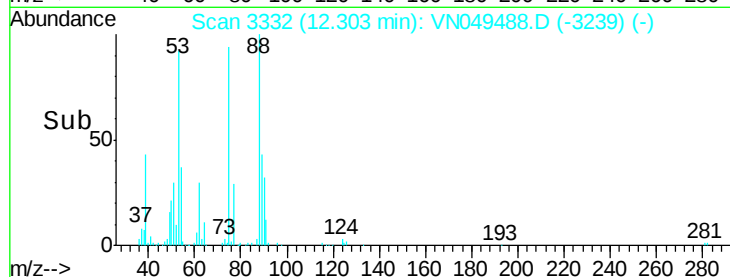
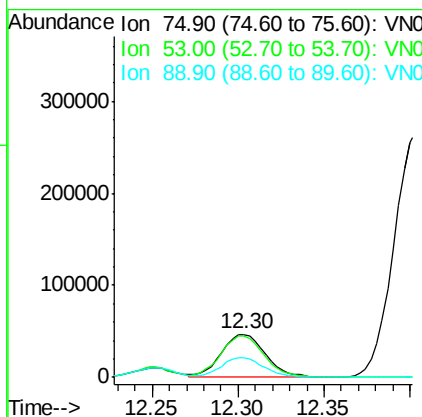
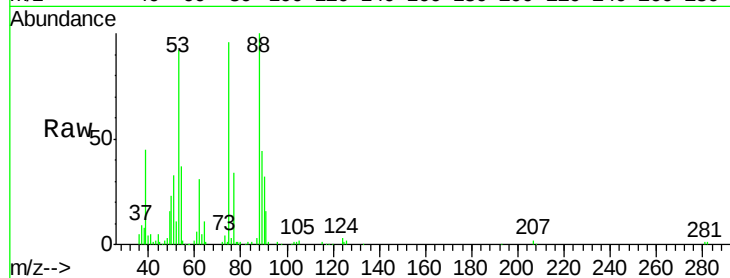
ClientSampleId :

VN0622WBS01

Tot Ion:	75	Resp:	82665
Ion	Ratio	Lower	Upper
75	100		
53	97.8	82.7	124.1
89	45.1	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.59 ug/l

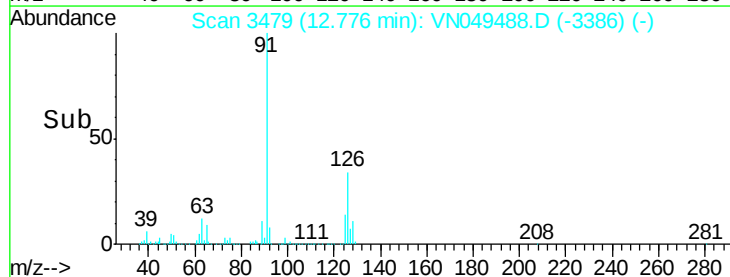
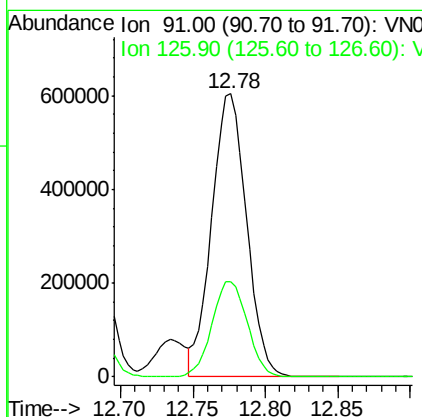
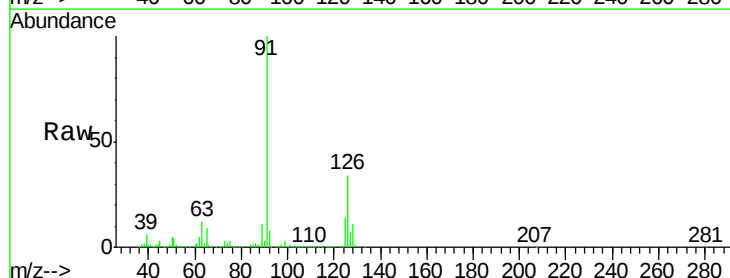
RT: 12.78 min Scan# 3479

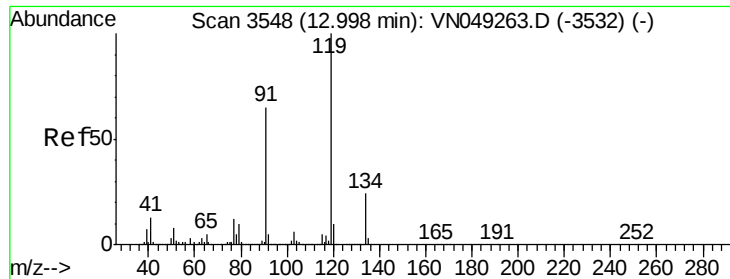
Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion:	91	Resp:	1005774
Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.4	49.1





#83

tert-Butylbenzene

Concen: 18.98 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:119 Resp: 1010921

Ion Ratio Lower Upper

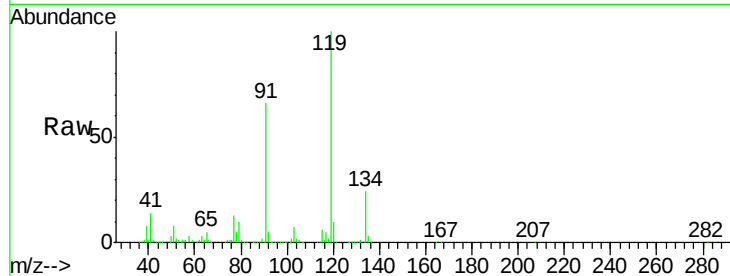
119 100

91 65.5 33.7 101.0

134 25.8 12.9 38.6

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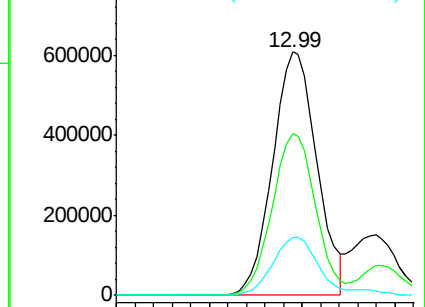
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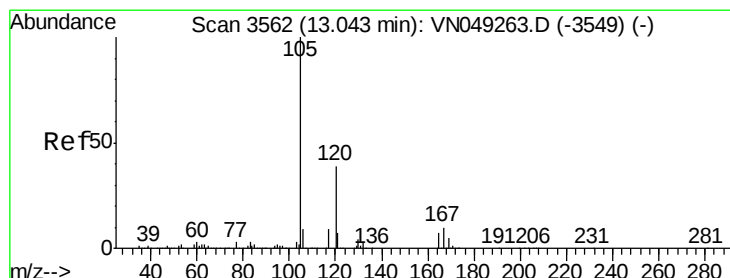
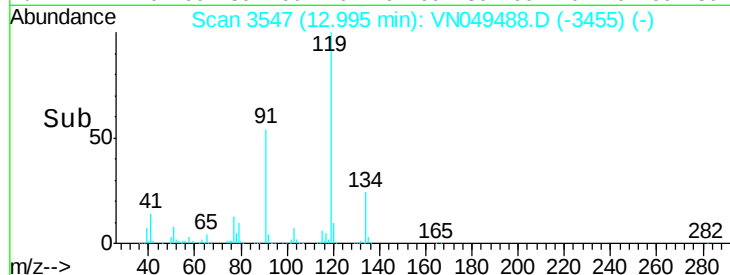
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



Time--> 12.90 12.95 13.00



#84

1,2,4-Trimethylbenzene

Concen: 20.10 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049488.D

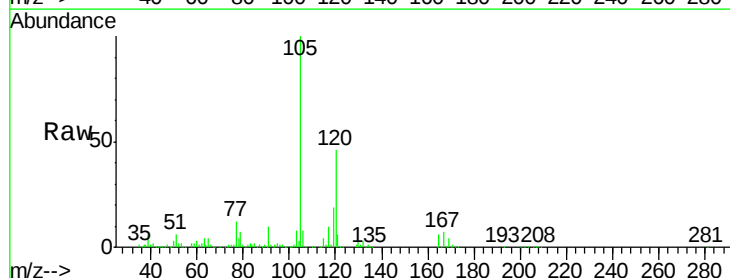
Acq: 22 Jun 2018 13:47

Tgt Ion:105 Resp: 1200682

Ion Ratio Lower Upper

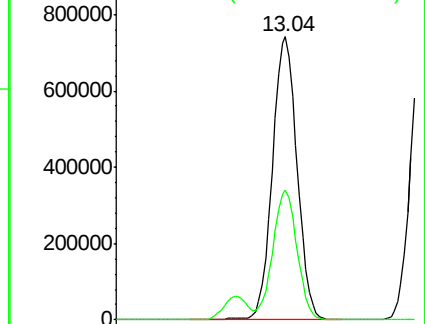
105 100

120 45.2 22.2 66.6

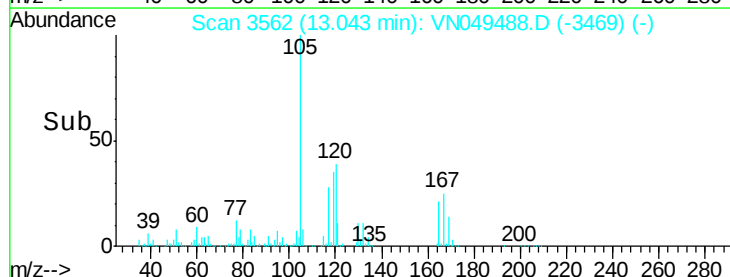


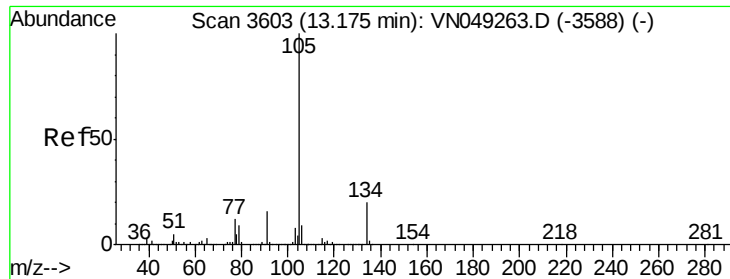
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.90 13.00 13.10





#85

sec-Butylbenzene

Concen: 19.19 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS01

Tot Ion:105 Resp: 1360288

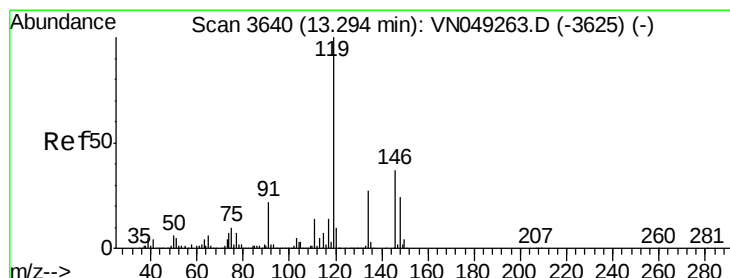
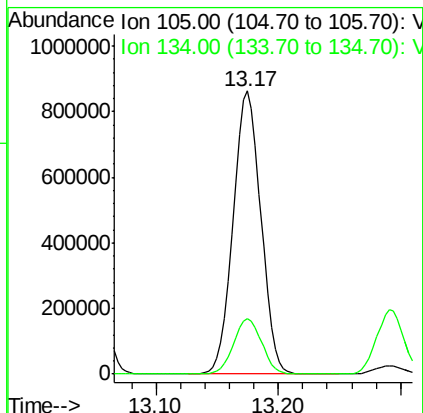
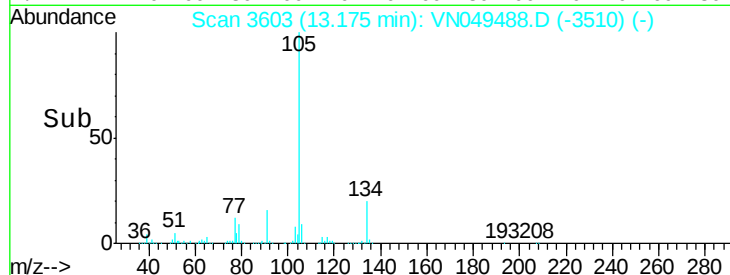
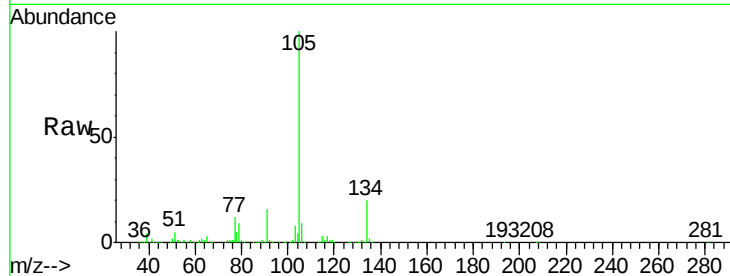
Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 19.23 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

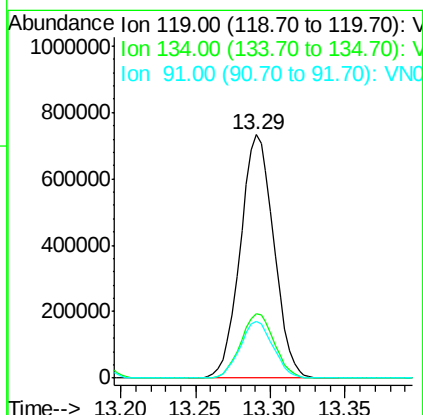
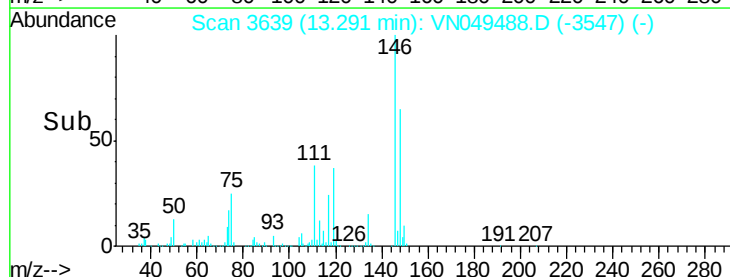
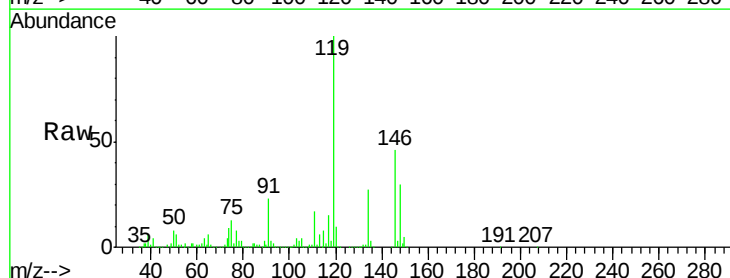
Tgt Ion:119 Resp: 1139128

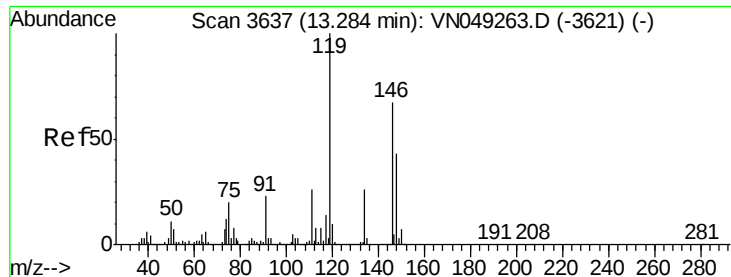
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.74 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049488.D

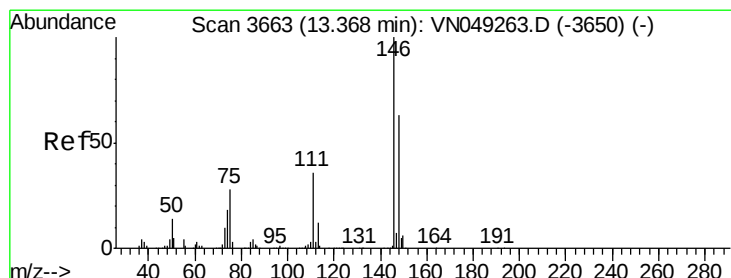
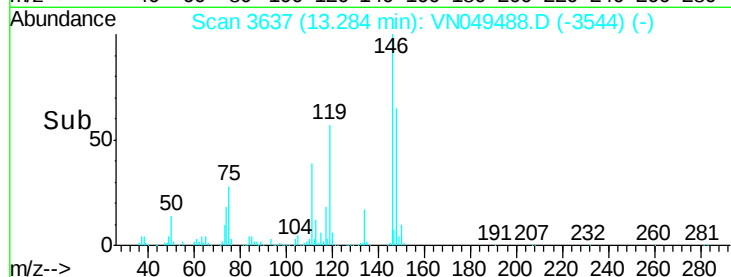
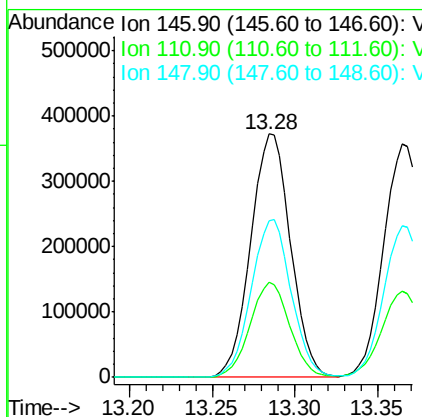
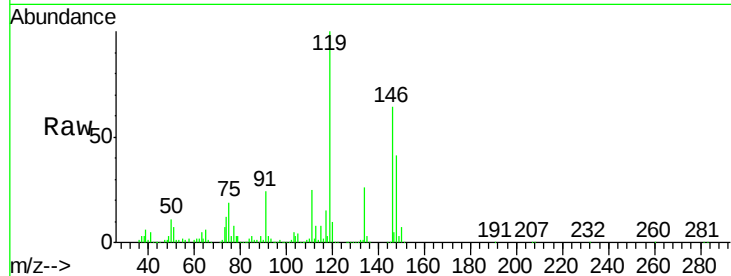
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.6
148	64.8	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.41 ug/l

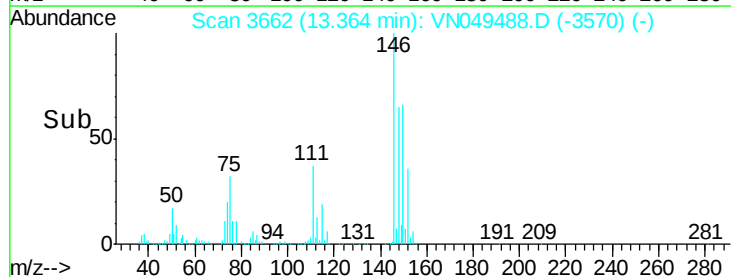
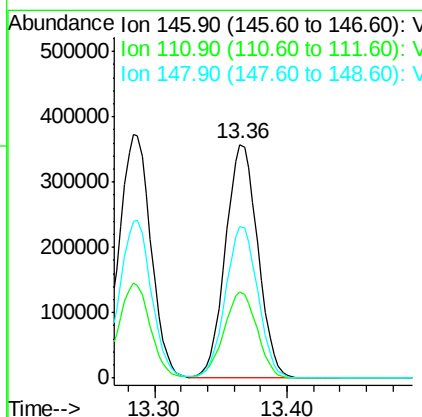
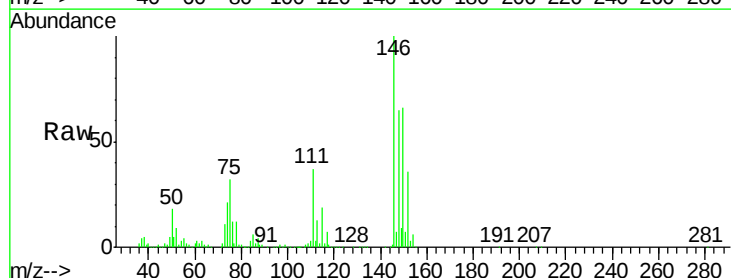
RT: 13.36 min Scan# 3662

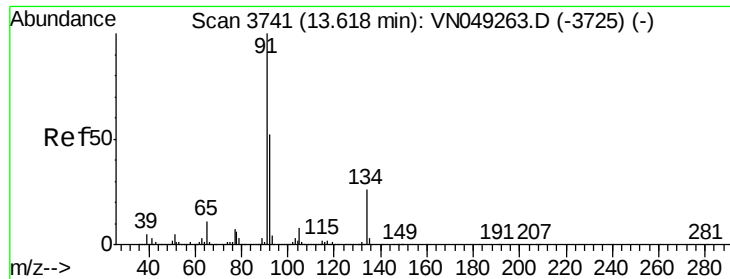
Delta R.T. -0.00 min

Lab File: VN049488.D

Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.7	32.0	96.2





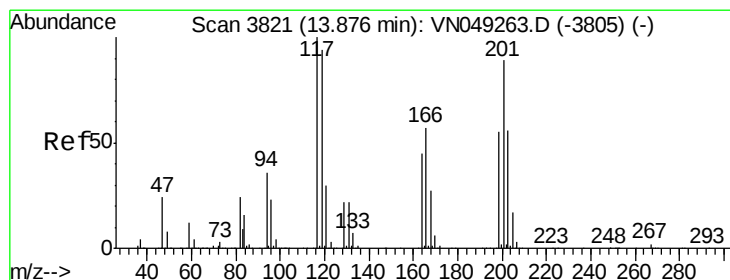
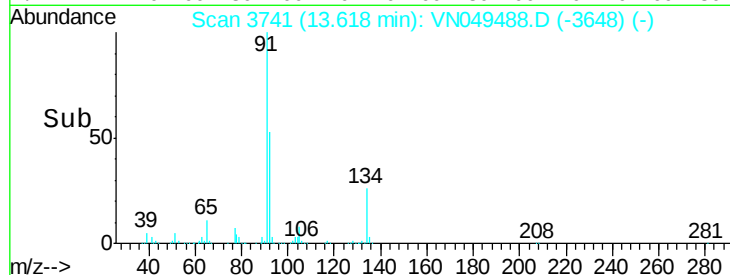
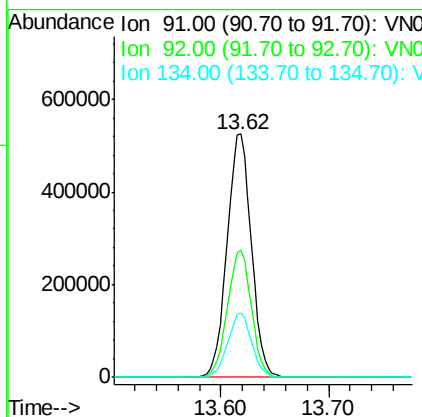
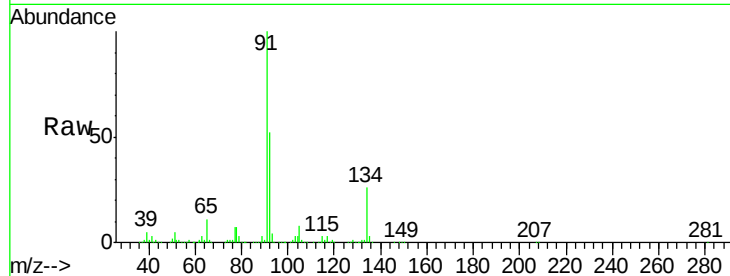
#89
n-Butylbenzene
Concen: 17.74 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.1	75.4
134	25.8	12.0	36.0

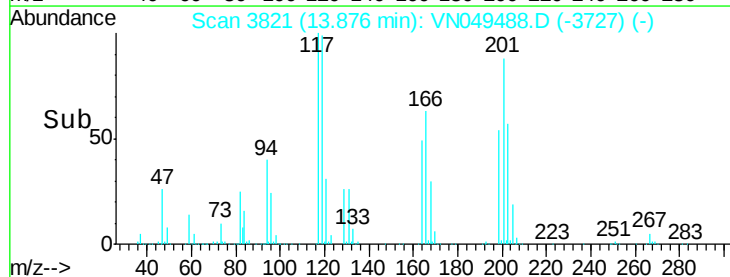
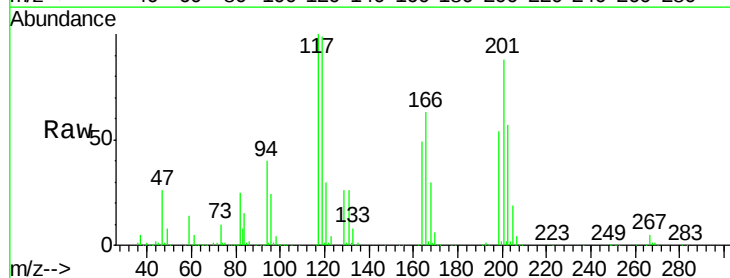
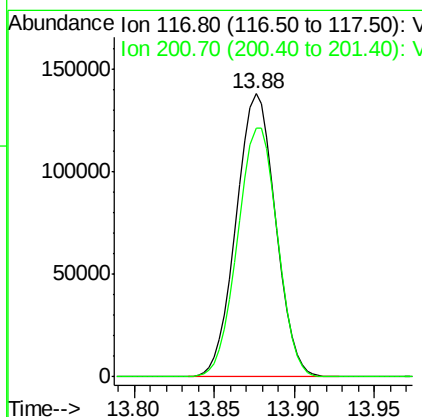
Manual Integrations
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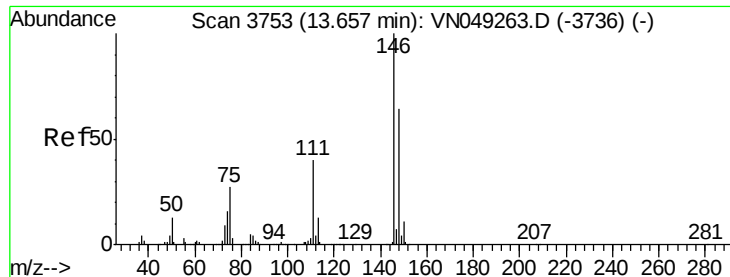
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#90
Hexachloroethane
Concen: 19.64 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	40.1	120.2





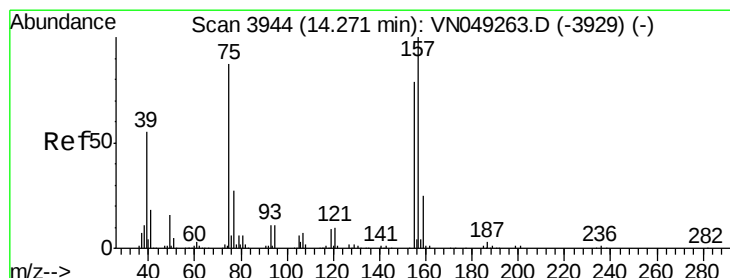
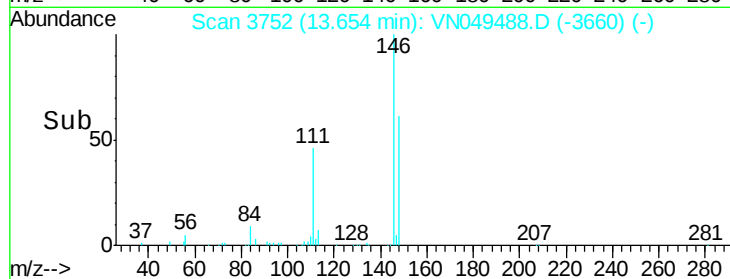
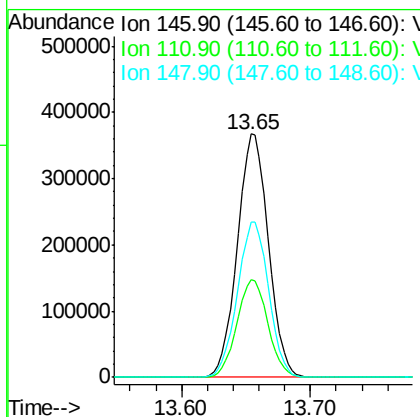
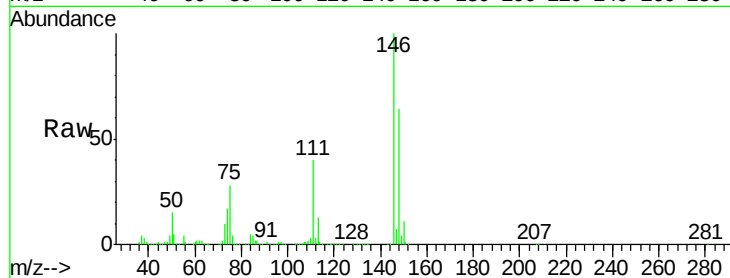
#91
 1,2-Dichlorobenzene
 Concen: 18.83 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.8	62.2
148	64.2	32.0	96.2

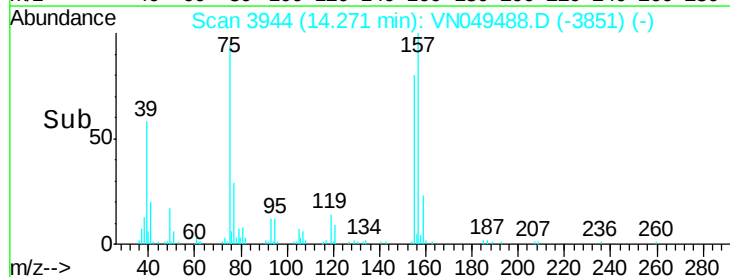
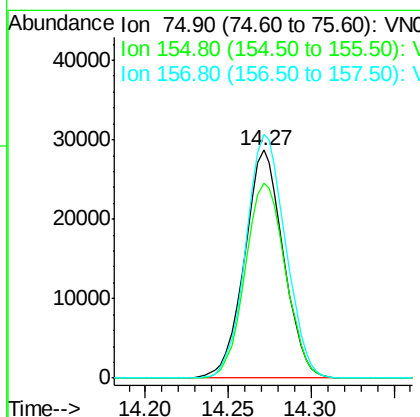
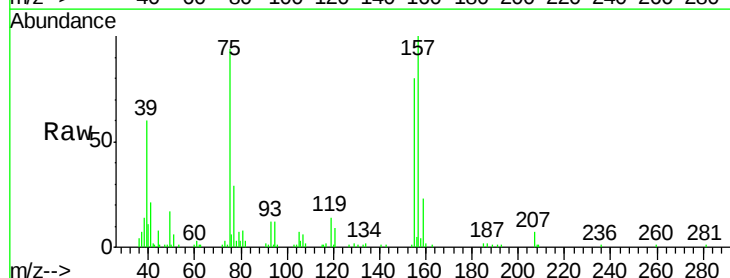
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.48 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	38.8	116.3
157	109.2	51.0	153.1





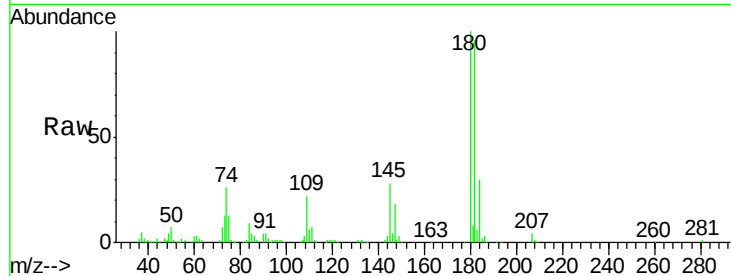
#93
 1,2,4-Trichlorobenzene
 Concen: 16.13 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

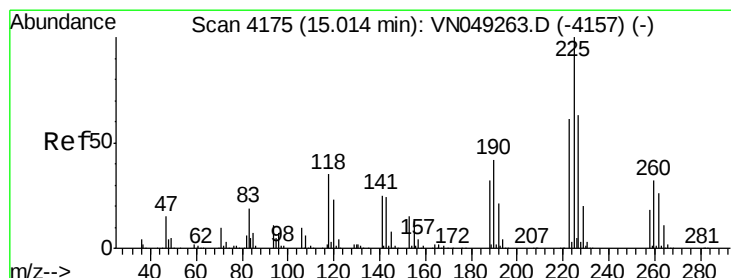
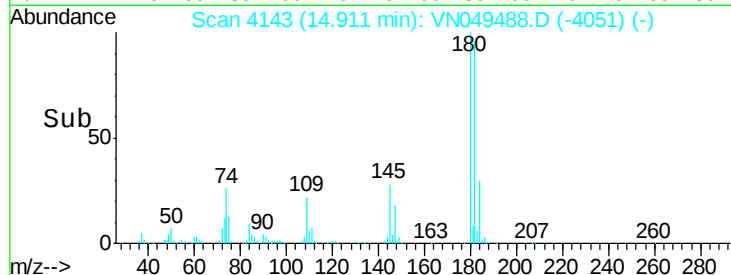
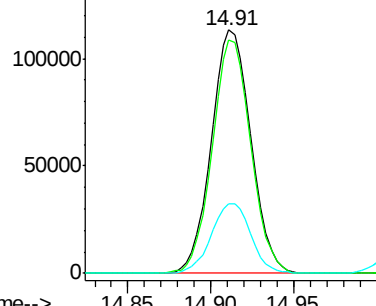
Tot Ion	Ratio	Resp	Lower	Upper
180	100	187997		
182	93.4	46.9	140.8	
145	28.8	14.7	44.1	

Manual Integrations
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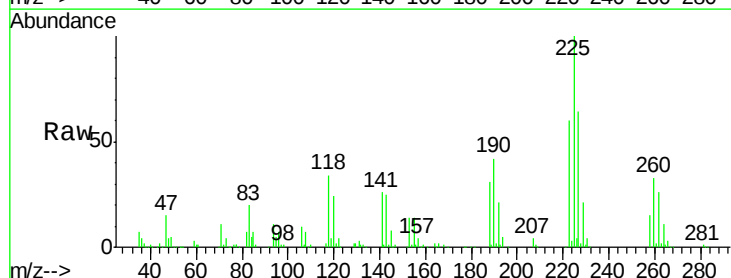


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

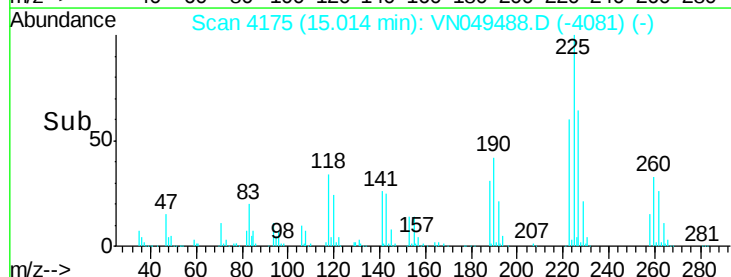
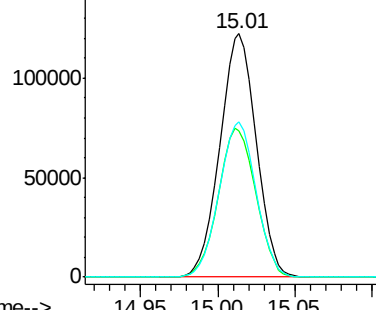


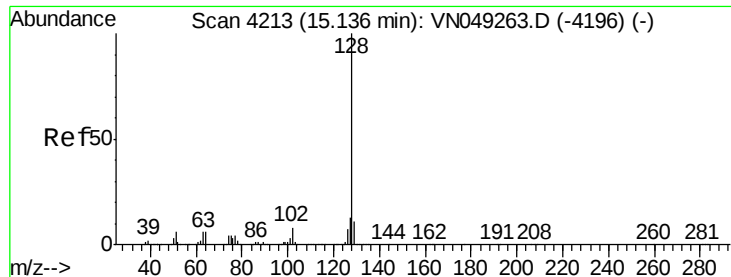
#94
 Hexachlorobutadiene
 Concen: 19.34 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049488.D
 Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	200271		
223	63.1	32.1	96.3	
227	64.8	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





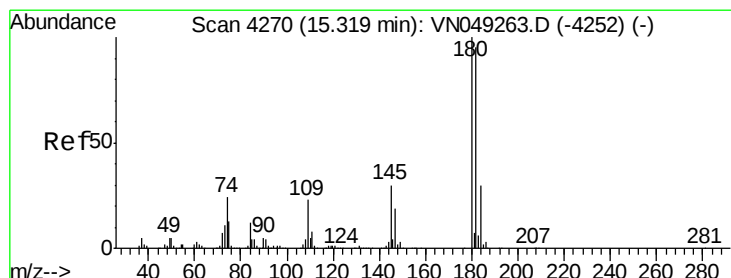
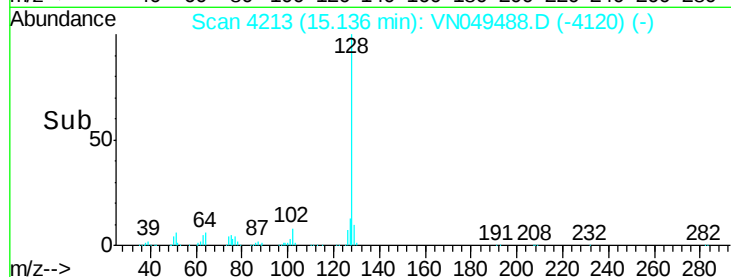
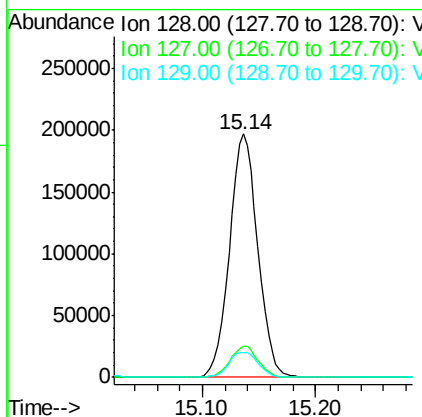
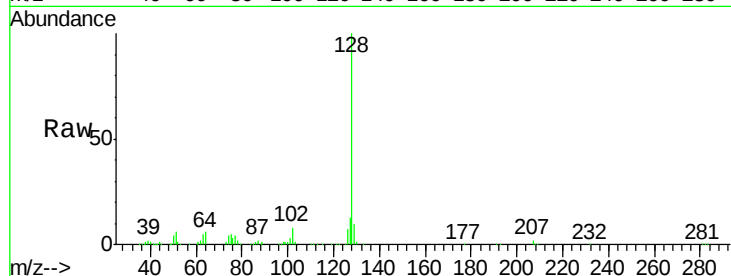
#95
Naphthalene
Concen: 15.63 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	340389		
127	12.8	10.6	16.0	
129	10.8	8.5	12.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 16.44 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049488.D
Acq: 22 Jun 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203673		
182	94.9	47.3	141.8	
145	31.7	15.6	46.7	

