

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049584.D
 Acq On : 28 Jun 2018 12:50
 Operator : MD\SY
 Sample : VN0628WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:42 PM

Quant Time: Jun 29 02:28:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1508836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2016893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1072780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	945834	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.59	113	837644	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	10.09	98	3260755	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	1101102	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	352183	20.28	ug/l	100
3) Chloromethane	2.06	50	401464	17.90	ug/l	98
4) Vinyl Chloride	2.18	62	445651	18.70	ug/l	99
5) Bromomethane	2.56	94	212274	16.94	ug/l	100
6) Chloroethane	2.70	64	273215	19.23	ug/l	98
7) Trichlorofluoromethane	3.02	101	489476	16.46	ug/l	98
8) Diethyl Ether	3.41	74	192588	18.55	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	366572	19.44	ug/l	92
10) Methyl Iodide	3.95	142	436751	22.25	ug/l	91
11) Tert butyl alcohol	4.79	59	102839	87.55	ug/l	98
12) 1,1-Dichloroethene	3.73	96	327610	18.94	ug/l	91
13) Acrolein	3.60	56	121632	98.75	ug/l	98
14) Allyl chloride	4.32	41	440936	16.14	ug/l	88
15) Acrylonitrile	4.99	53	533590	90.85	ug/l	99
16) Acetone	3.82	43	388998	80.06	ug/l	91
17) Carbon Disulfide	4.05	76	972962	17.94	ug/l	100
18) Methyl Acetate	4.33	43	435158	29.37	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	864973	19.61	ug/l	99
20) Methylene Chloride	4.55	84	372399	18.35	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	343790	18.77	ug/l	91
22) Diisopropyl ether	5.95	45	1068758	19.59	ug/l	96
23) Vinyl Acetate	5.90	43	3438242	96.68	ug/l	96
24) 1,1-Dichloroethane	5.85	63	659683	18.89	ug/l	98
25) 2-Butanone	6.84	43	570895	87.50	ug/l	97
26) 2,2-Dichloropropane	6.82	77	546381	19.38	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	388701	19.09	ug/l	92
28) Bromochloromethane	7.19	49	298350	19.27	ug/l #	81
29) Tetrahydrofuran	7.21	42	391929	93.32	ug/l	93
30) Chloroform	7.37	83	655105	18.85	ug/l	100
31) Cyclohexane	7.65	56	592956	19.93	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	572898	19.32	ug/l	97
36) 1,1-Dichloropropene	7.79	75	499558	19.24	ug/l	98
37) Ethyl Acetate	6.93	43	276226	19.57	ug/l	96
38) Carbon Tetrachloride	7.77	117	485988	18.08	ug/l	98

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 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	546952	19.62	ug/l	96
40) Benzene	8.04	78	1504846	18.90	ug/l	98
41) Methacrylonitrile	7.17	41	134492	17.62	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	471651	19.18	ug/l	97
43) Isopropyl Acetate	8.17	43	670943	24.88	ug/l	96
44) Trichloroethene	8.83	130	433960	20.64	ug/l	94
45) 1,2-Dichloropropane	9.12	63	393723	18.89	ug/l	99
46) Dibromomethane	9.21	93	227768	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	492034	18.53	ug/l	99
48) Methyl methacrylate	9.20	41	238782	18.80	ug/l	88
49) 1,4-Dioxane	9.20	88	64551	368.27	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1359558	96.19	ug/l	95
52) Toluene	10.16	92	913948	19.56	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	456810	17.98	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	551091	18.37	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	326015	18.72	ug/l	96
56) Ethyl methacrylate	10.43	69	387689	19.29	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	536724	18.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	882314	130.12	ug/l	94
59) 2-Hexanone	10.75	43	900022	98.77	ug/l	93
60) Dibromochloromethane	10.90	129	358367	18.44	ug/l	97
61) 1,2-Dibromoethane	11.01	107	313472	19.36	ug/l	99
64) Tetrachloroethene	10.63	164	498781	24.13	ug/l	98
65) Chlorobenzene	11.43	112	986539	18.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	358698	18.35	ug/l	99
67) Ethyl Benzene	11.51	91	1667873	19.35	ug/l	96
68) m/p-Xylenes	11.62	106	1318639	40.77	ug/l	96
69) o-Xylene	11.95	106	628470	20.17	ug/l	96
70) Styrene	11.97	104	1020224	20.76	ug/l	97
71) Bromoform	12.13	173	233797	18.47	ug/l #	99
73) Isopropylbenzene	12.25	105	1641703	17.43	ug/l	98
74) N-amyl acetate	12.07	43	430517	18.66	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	350582	16.60	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	325185m	17.77	ug/l	
77) Bromobenzene	12.53	156	418657	16.83	ug/l	91
78) n-propylbenzene	12.59	91	1923784	18.60	ug/l	99
79) 2-Chlorotoluene	12.68	91	1163657	17.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1410446	19.05	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	89885	15.52	ug/l	97
82) 4-Chlorotoluene	12.77	91	1186163	18.76	ug/l	97
83) tert-Butylbenzene	12.99	119	1161348	17.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1443325	19.62	ug/l	99
85) sec-Butylbenzene	13.17	105	1587704	18.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	1386026	19.00	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	774895	18.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	746643	18.40	ug/l	99
89) n-Butylbenzene	13.62	91	1148487	20.16	ug/l	98
90) Hexachloroethane	13.88	117	161849	10.38	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	756770	18.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58065	17.71	ug/l	85

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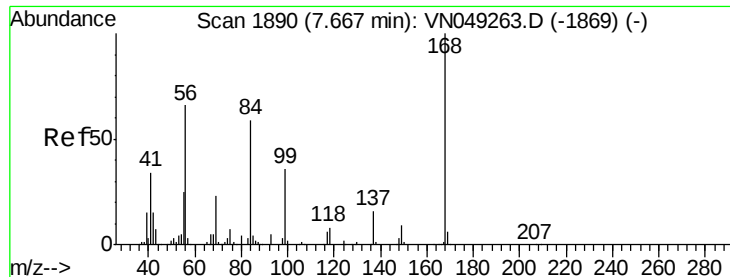
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	347279	21.83	ug/l	99
94) Hexachlorobutadiene	15.01	225	248251	19.48	ug/l	99
95) Naphthalene	15.14	128	686270	23.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	340478	21.08	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion:168 Resp: 1508836

Ion Ratio Lower Upper

168 100

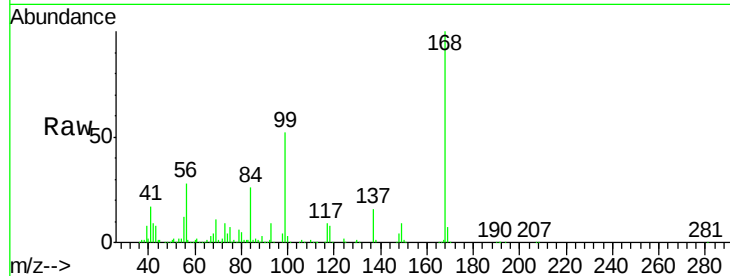
99 51.3 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

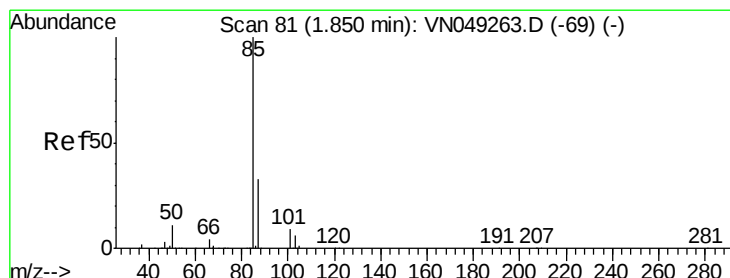
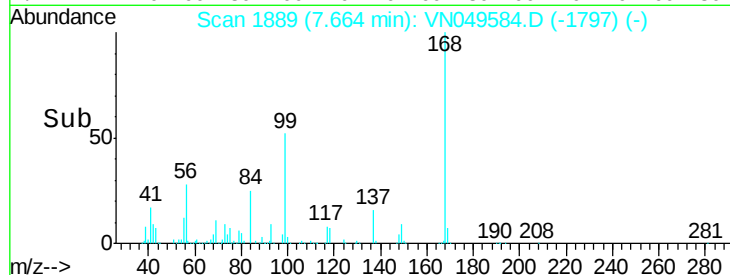
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.28 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049584.D

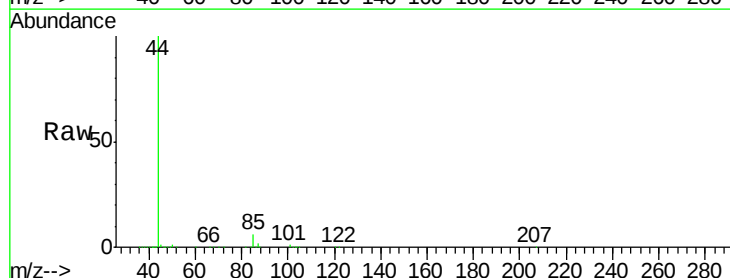
Acq: 28 Jun 2018 12:50

Tgt Ion: 85 Resp: 352183

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

300000

250000

200000

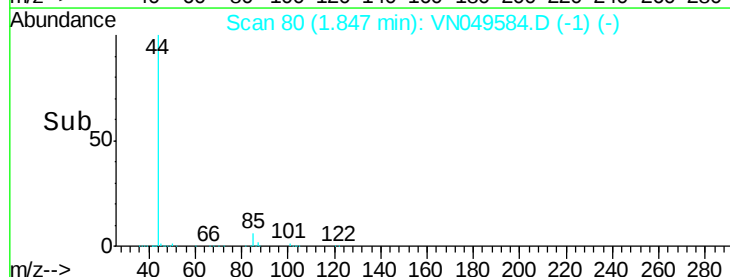
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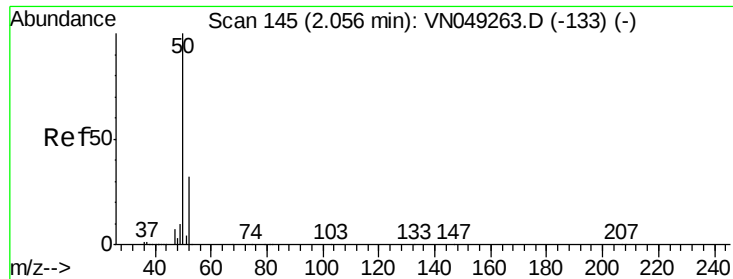
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50000

0

Time-->





#3

Chloromethane

Concen: 17.90 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 50 Resp: 401464

Ion Ratio Lower Upper

50 100

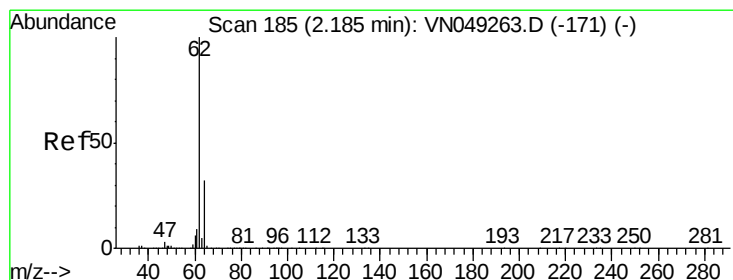
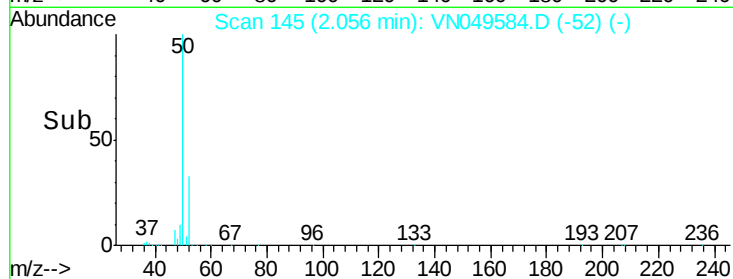
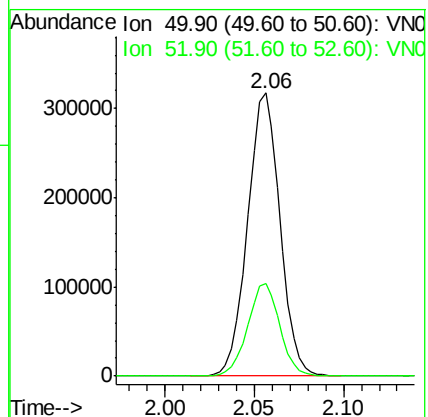
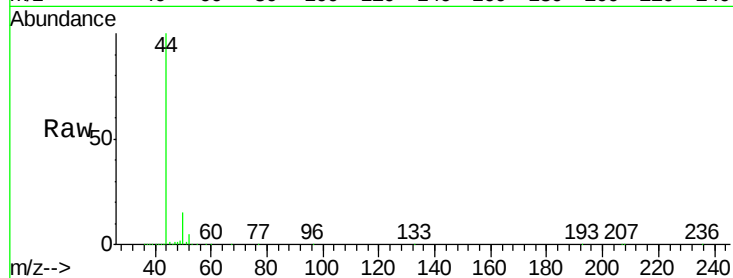
52 32.7 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.70 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049584.D

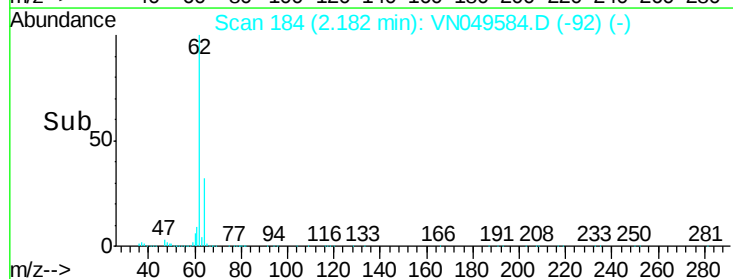
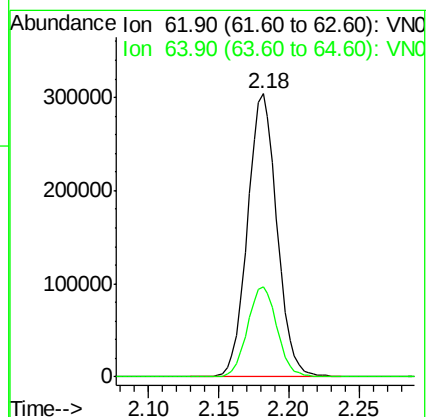
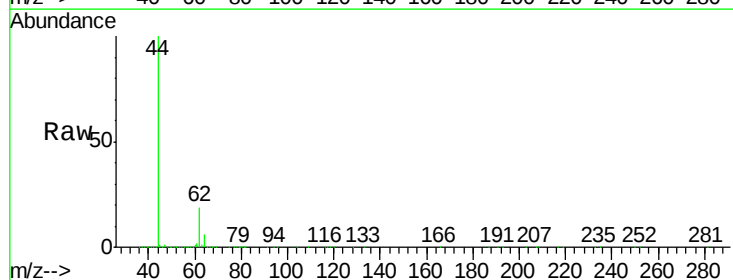
Acq: 28 Jun 2018 12:50

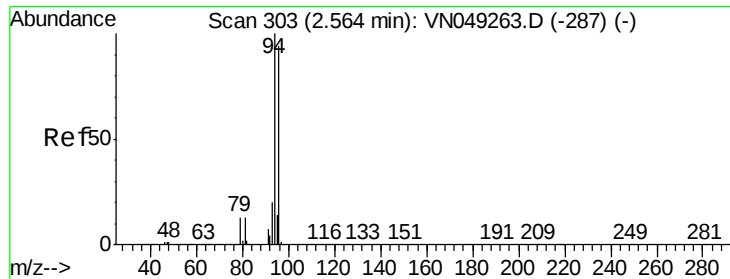
Tgt Ion: 62 Resp: 445651

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 16.94 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0628WBS01

Tot Ion: 94 Resp: 212274

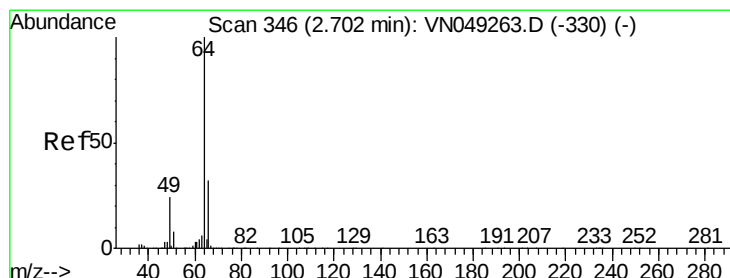
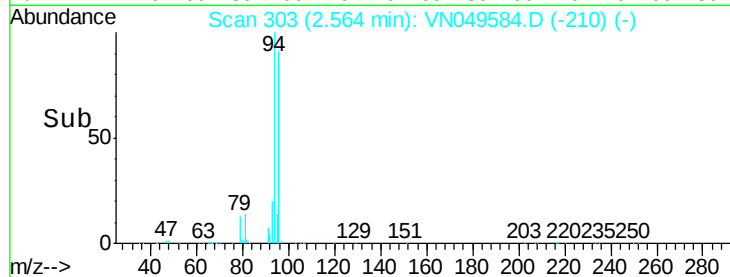
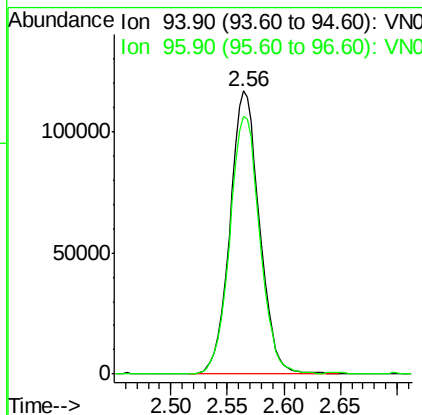
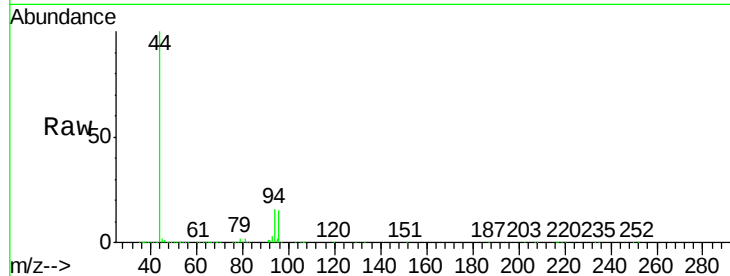
Ion Ratio Lower Upper

94 100

96 90.8 72.8 109.2

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#6

Chloroethane

Concen: 19.23 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049584.D

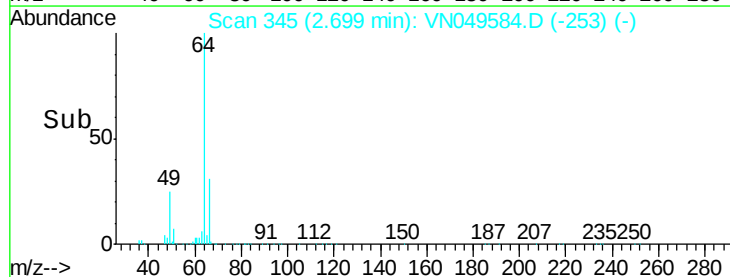
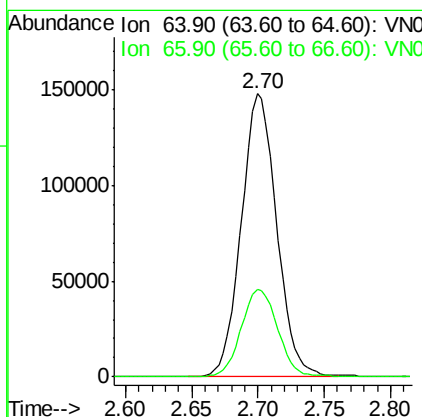
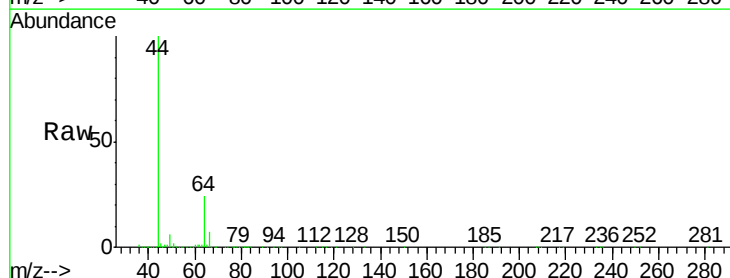
Acq: 28 Jun 2018 12:50

Tgt Ion: 64 Resp: 273215

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4





#7

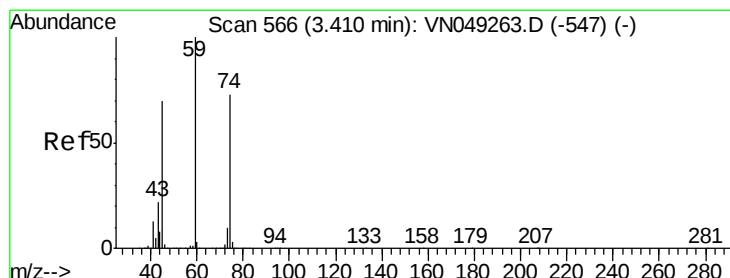
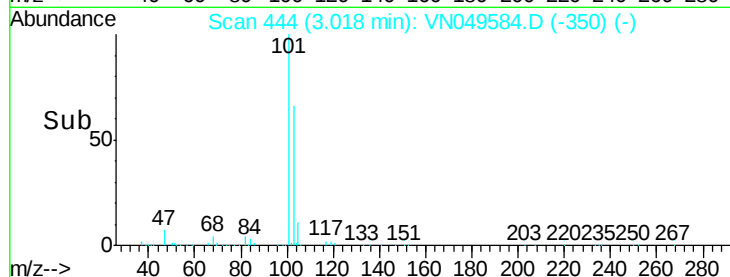
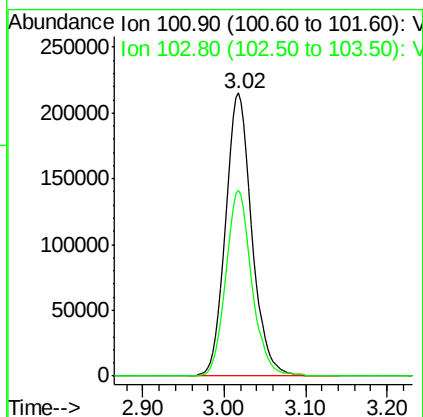
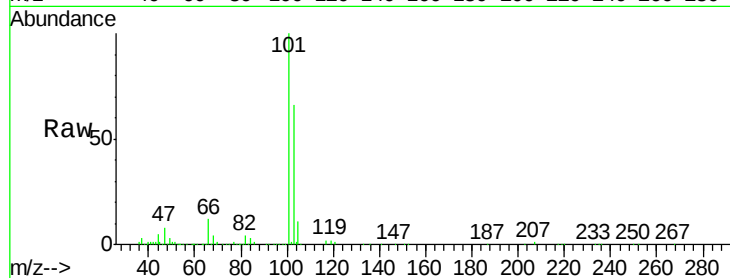
Trichlorofluoromethane
Concen: 16.46 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

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ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.7	77.5

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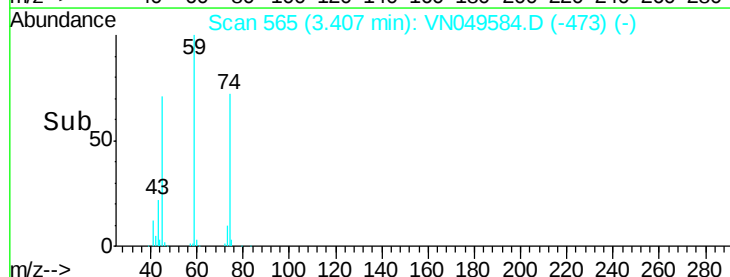
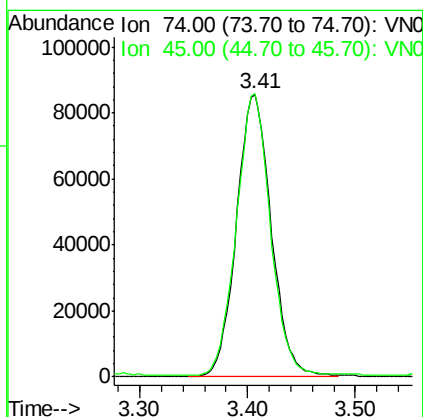
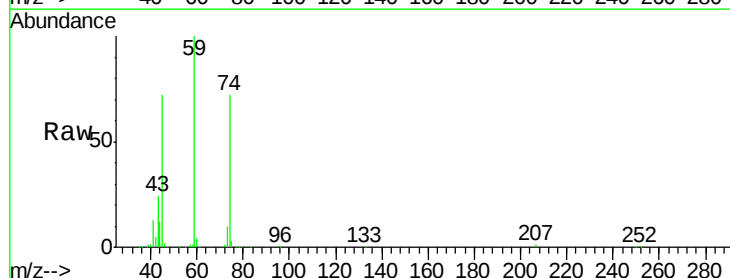
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#8

Diethyl Ether
Concen: 18.55 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.44 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

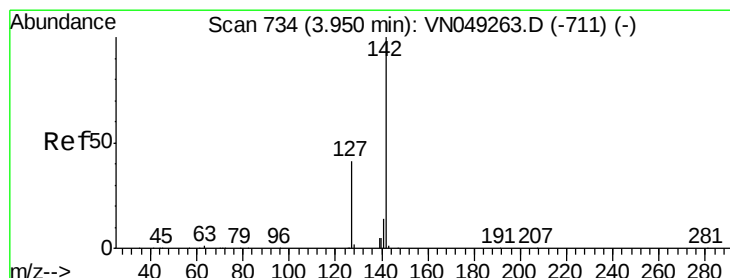
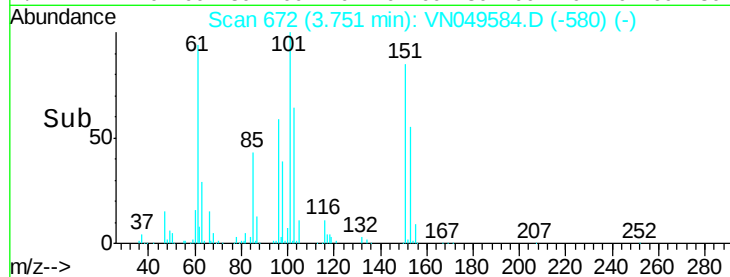
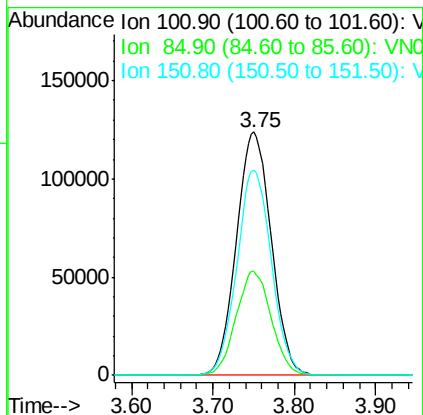
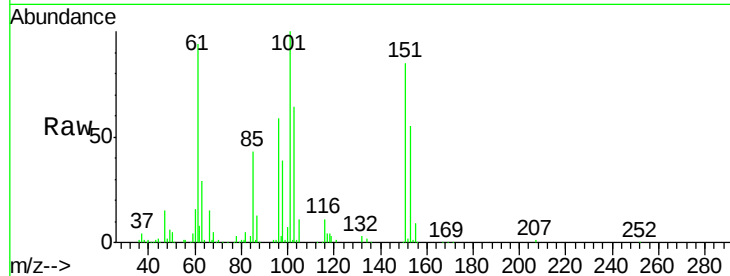
ClientSampleId :

VN0628WBS01

Tot Ion:	101	Resp:	366572
Ion Ratio	Lower	Upper	
101	100		
85	43.0	37.6	56.4
151	83.7	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 22.25 ug/l

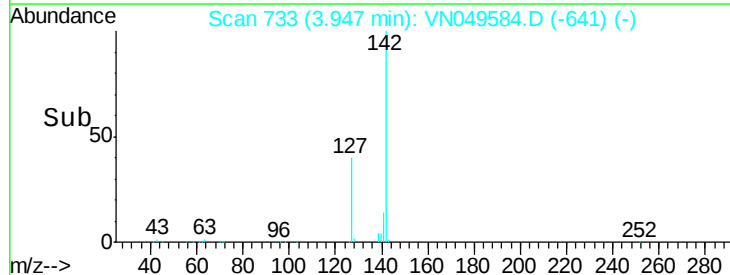
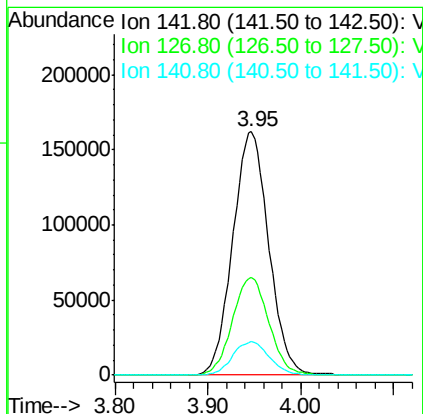
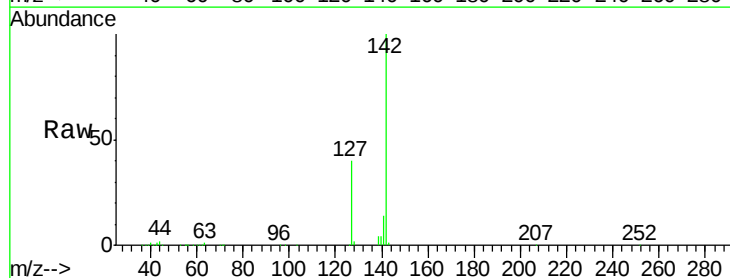
RT: 3.95 min Scan# 733

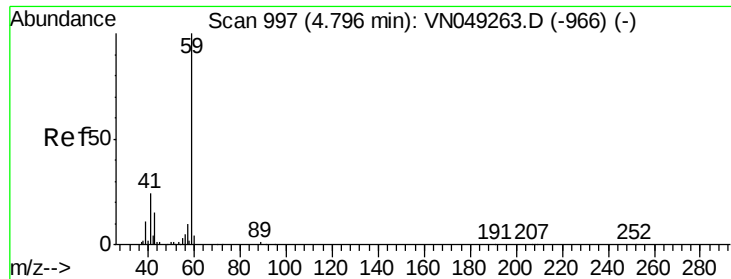
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	142	Resp:	436751
Ion Ratio	Lower	Upper	
142	100		
127	40.5	38.2	57.4
141	14.0	11.9	17.9





#11

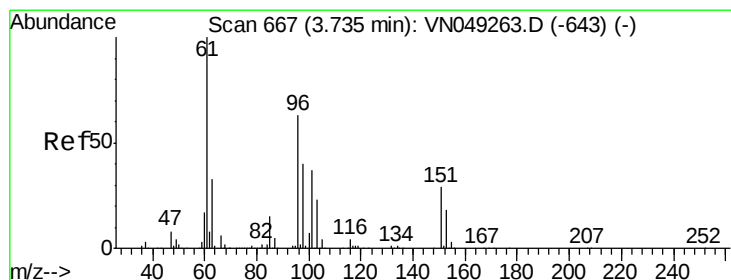
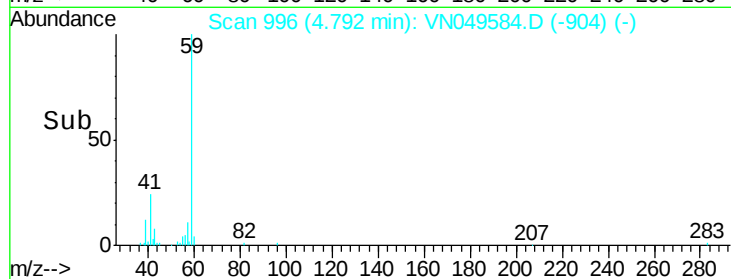
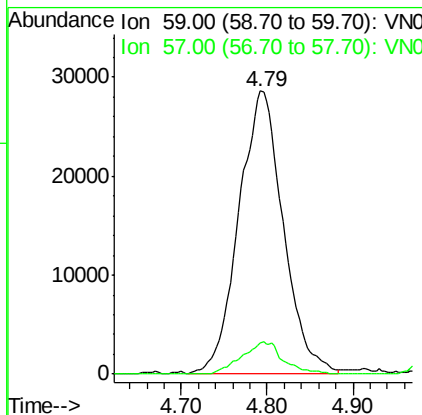
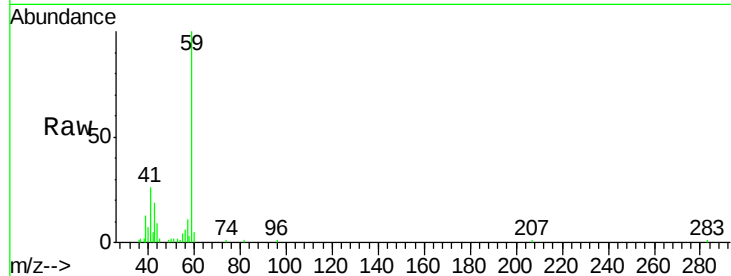
Tert butyl alcohol
 Concen: 87.55 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.0	13.6

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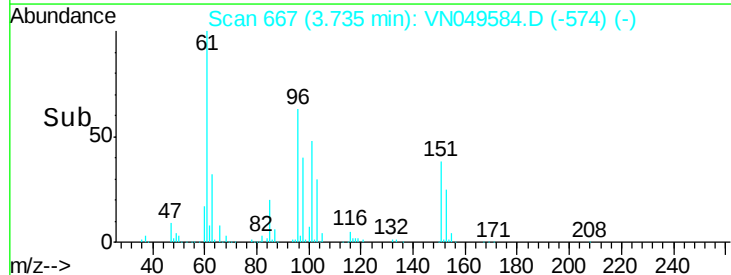
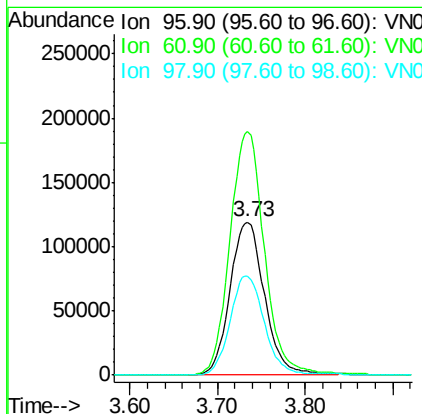
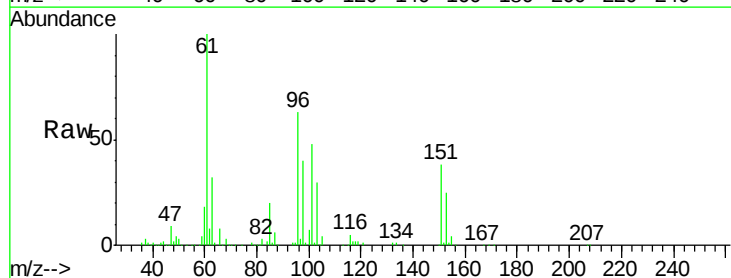
MMDadoda
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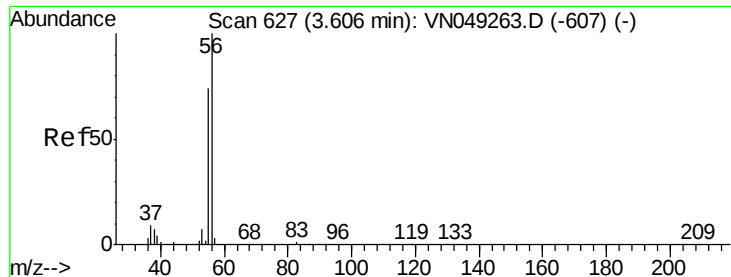


#12

1,1-Dichloroethene
 Concen: 18.94 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.1	141.0	211.4
98	64.3	50.4	75.6





#13

Acrolein

Concen: 98.75 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 56 Resp: 121632

Ion Ratio Lower Upper

56 100

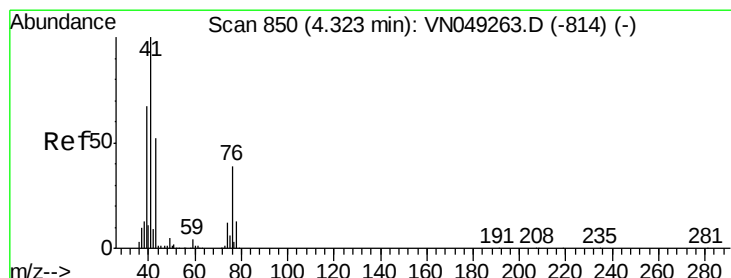
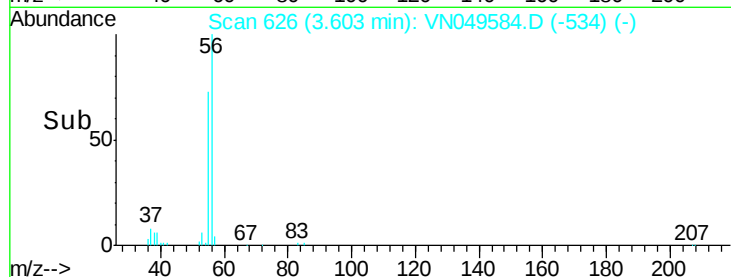
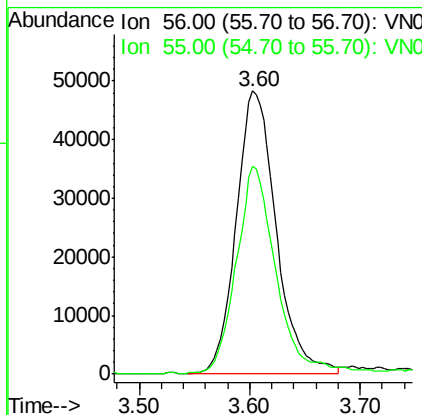
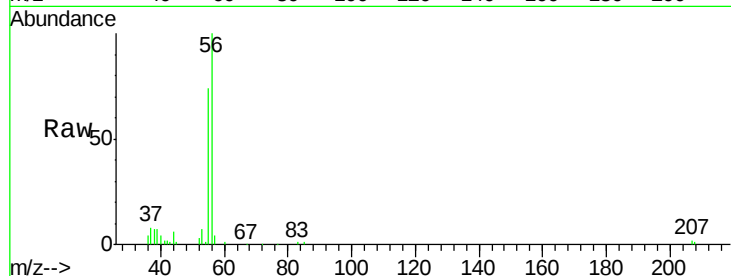
55 73.0 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 16.14 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

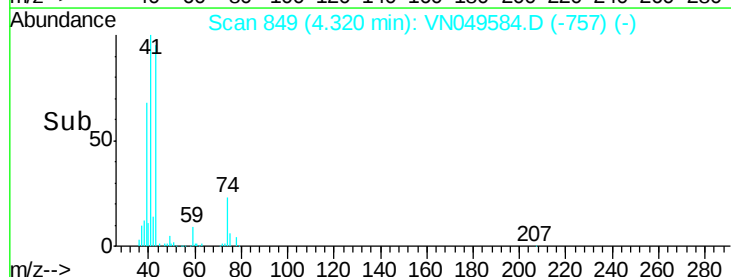
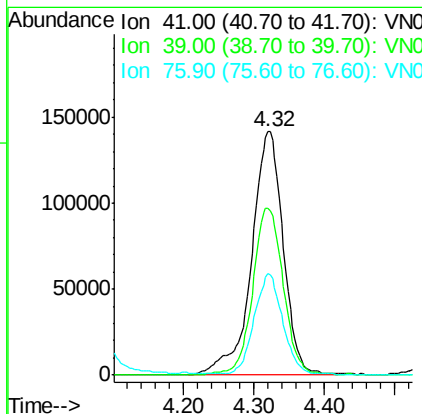
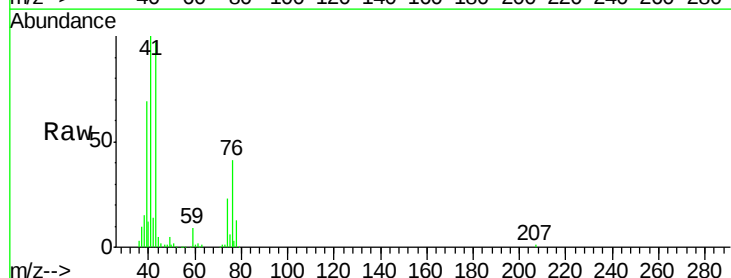
Tgt Ion: 41 Resp: 440936

Ion Ratio Lower Upper

41 100

39 66.1 62.5 93.7

76 37.5 27.1 40.7





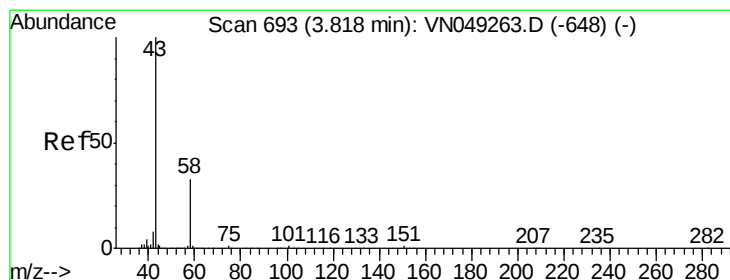
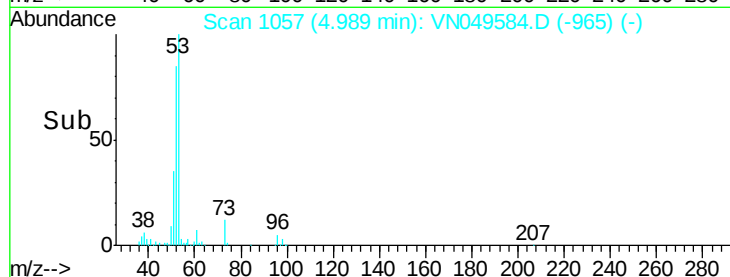
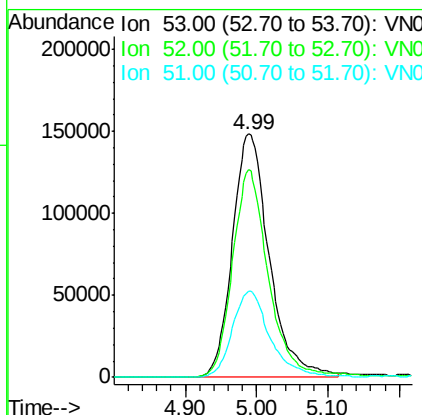
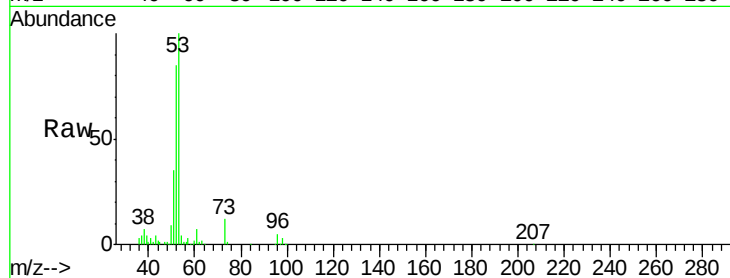
#15
 Acrylonitrile
 Concen: 90.85 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	53	100	533590		
52	52	82.3		66.6	100.0
51	51	36.5		29.8	44.8

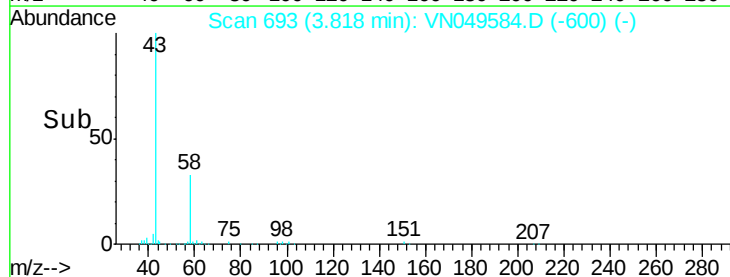
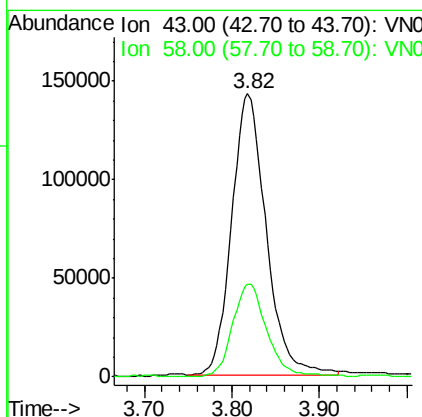
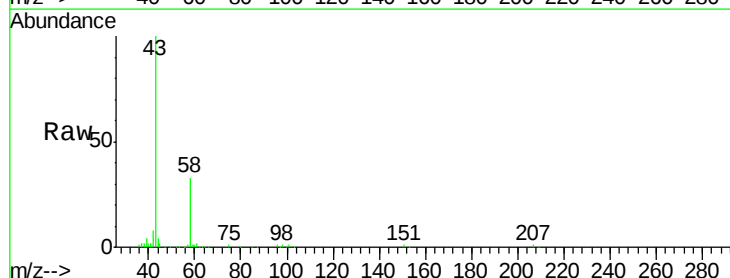
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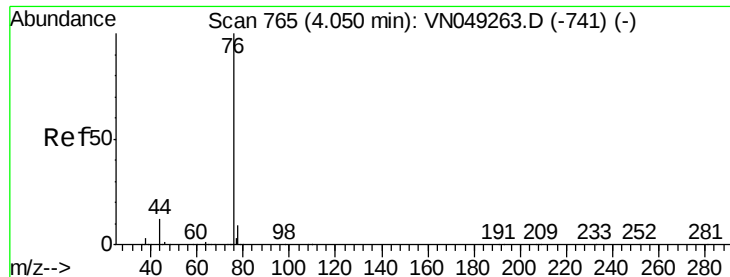
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#16
 Acetone
 Concen: 80.06 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	388998		
58	58	33.0		22.4	33.6





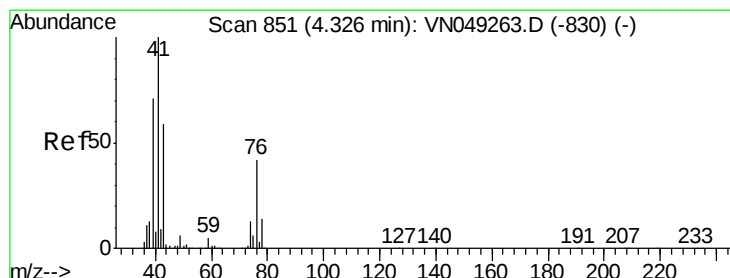
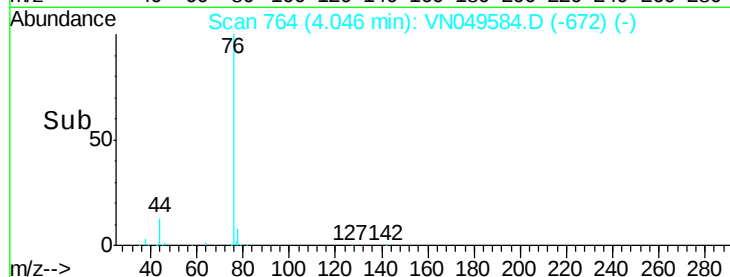
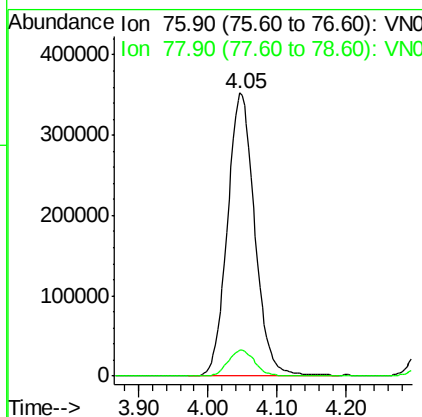
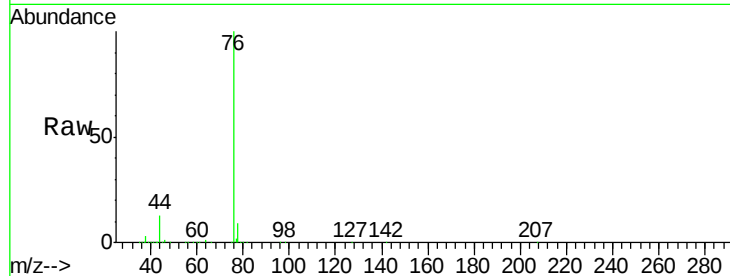
#17
Carbon Disulfide
Concen: 17.94 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

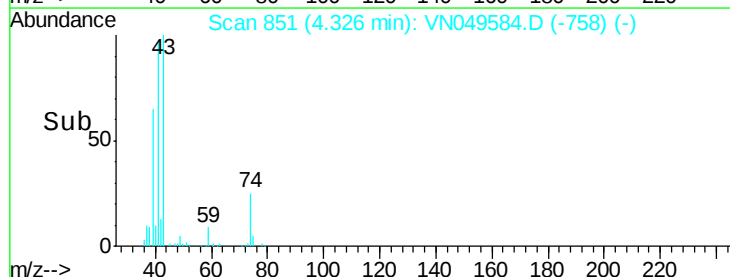
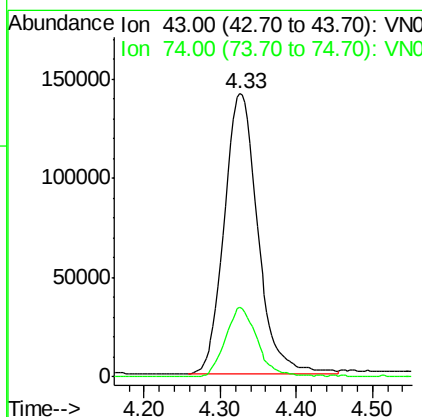
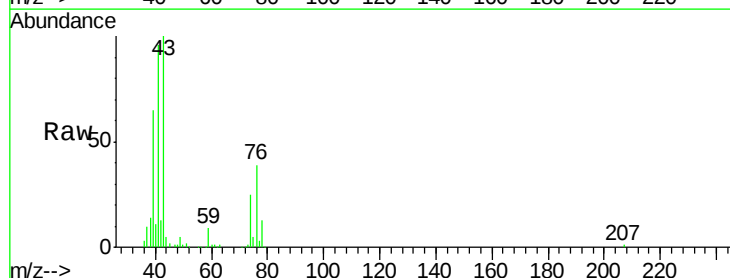
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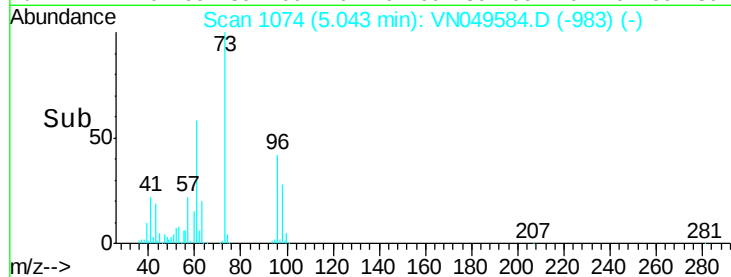
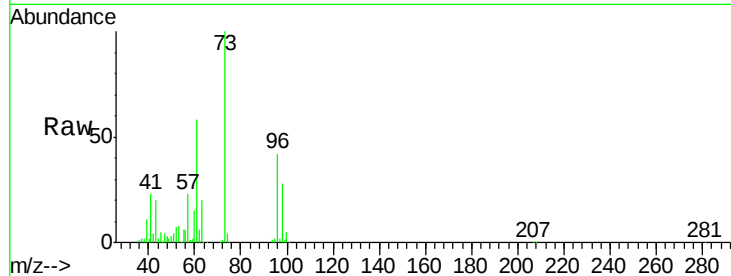
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#18
Methyl Acetate
Concen: 29.37 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.4	26.0





#19

Methyl tert-butyl Ether

Concen: 19.61 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tot Ion: 73 Resp: 864973

Ion Ratio Lower Upper

73 100

57 22.5 18.2 27.4

Instrument :

MSVOA_N

ClientSampleId :

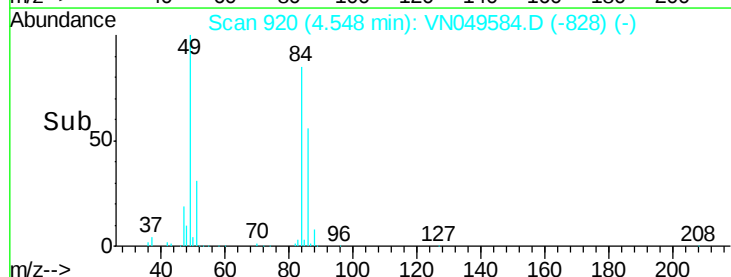
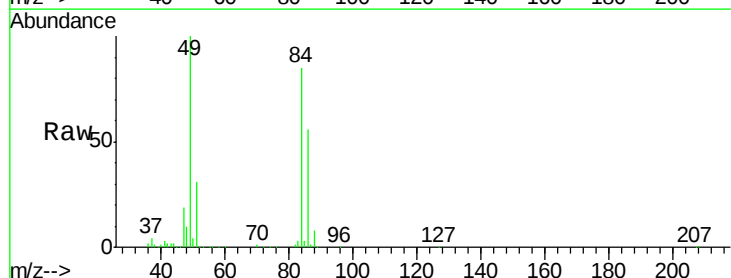
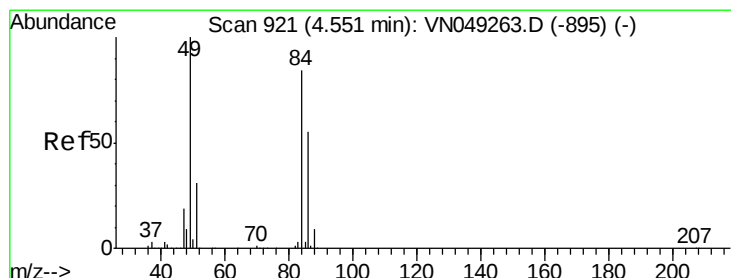
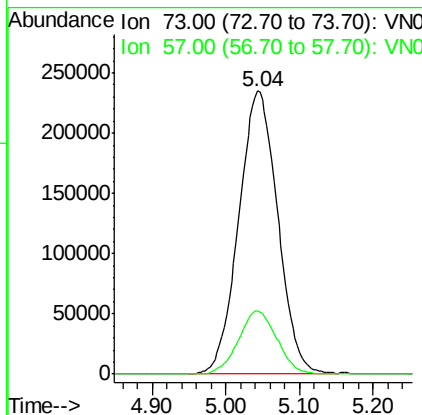
VN0628WBS01

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#20

Methylene Chloride

Concen: 18.35 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion: 84 Resp: 372399

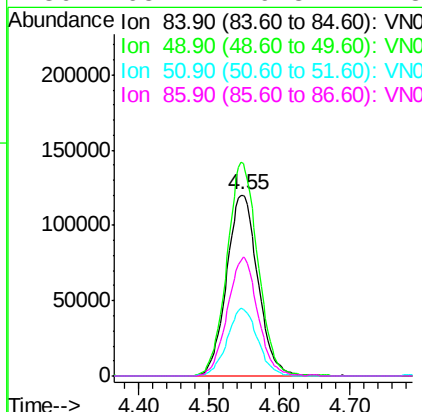
Ion Ratio Lower Upper

84 100

49 117.4 106.9 160.3

51 37.0 32.7 49.1

86 65.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.77 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

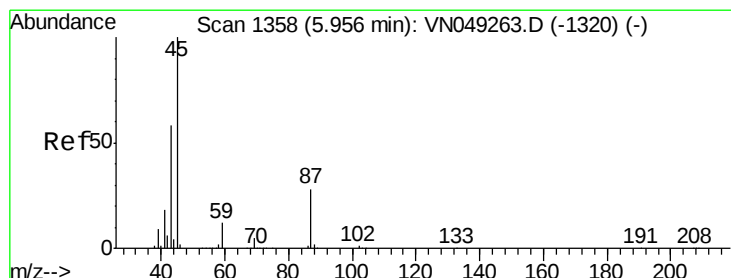
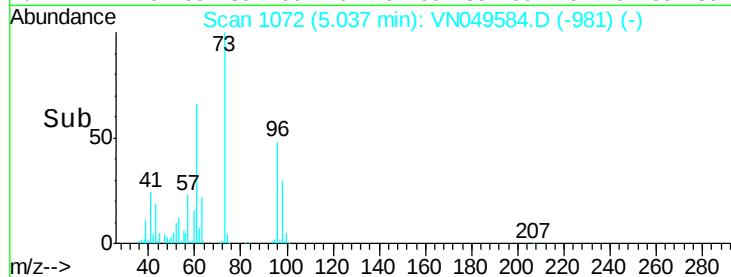
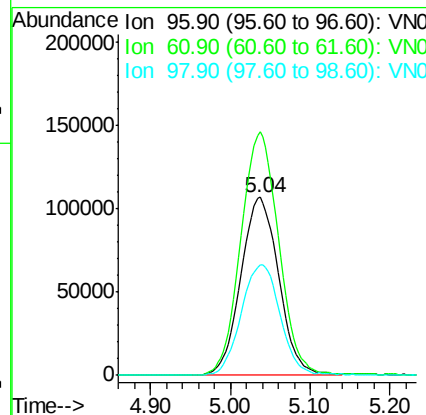
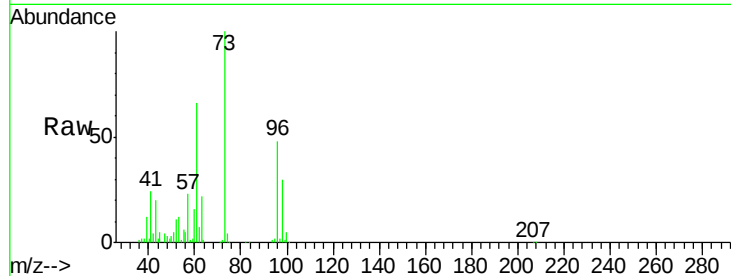
ClientSampleId :

VN0628WBS01

Tot Ion:	96	Resp:	343790
Ion	Ratio	Lower	Upper
96	100		
61	136.6	121.3	181.9
98	62.3	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.59 ug/l

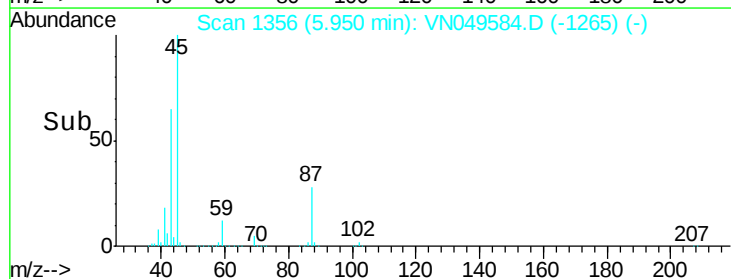
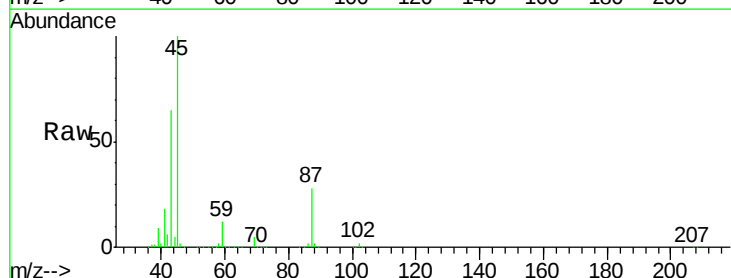
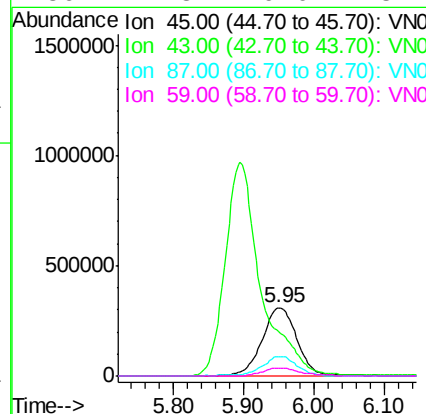
RT: 5.95 min Scan# 1356

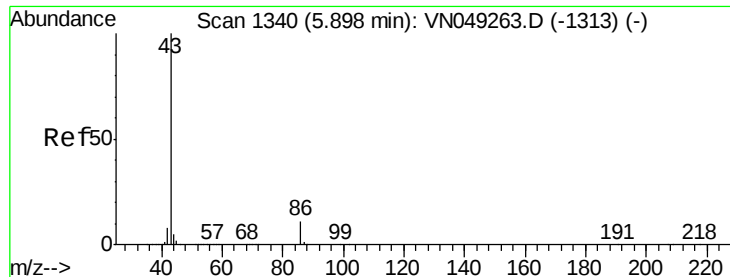
Delta R.T. -0.01 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	45	Resp:	1068758
Ion	Ratio	Lower	Upper
45	100		
43	64.1	48.6	72.8
87	28.1	20.2	30.2
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 96.68 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 43 Resp: 3438242

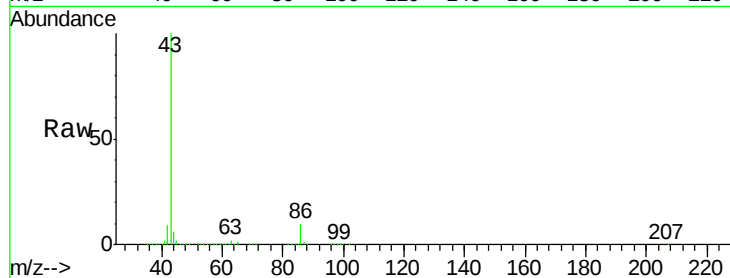
Ion Ratio Lower Upper

43 100

86 10.3 7.2 10.8

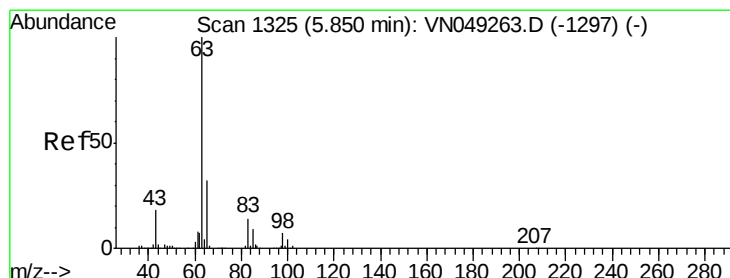
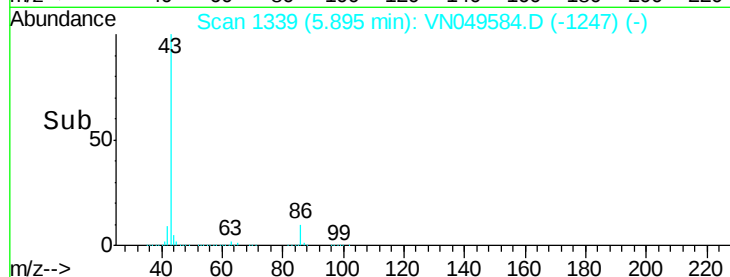
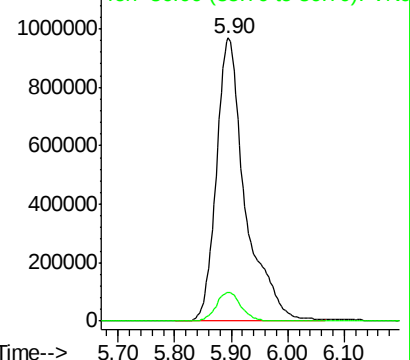
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.89 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

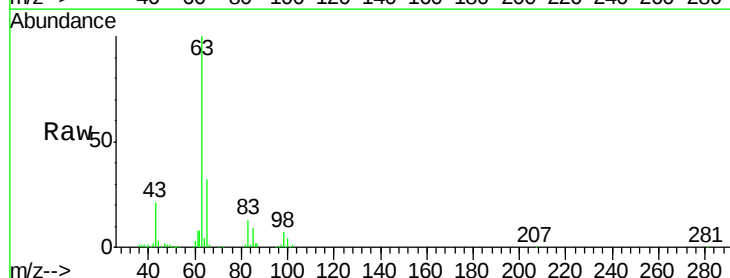
Tgt Ion: 63 Resp: 659683

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

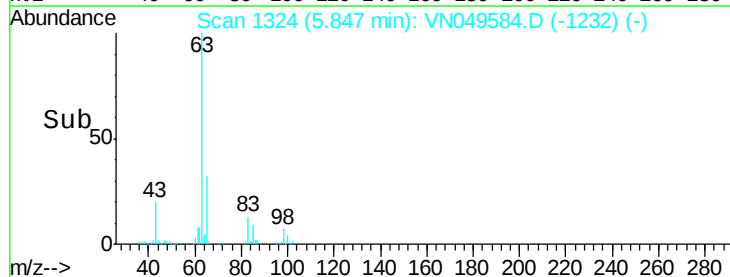
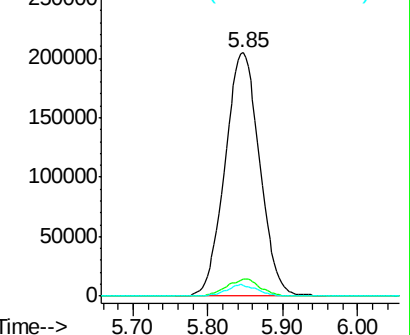
100 4.4 2.1 6.3



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





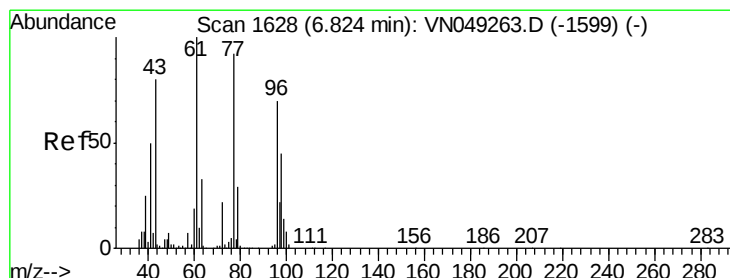
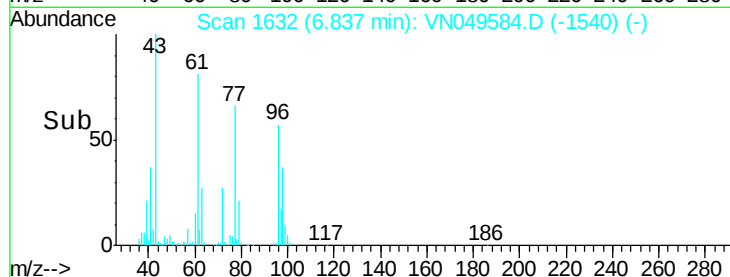
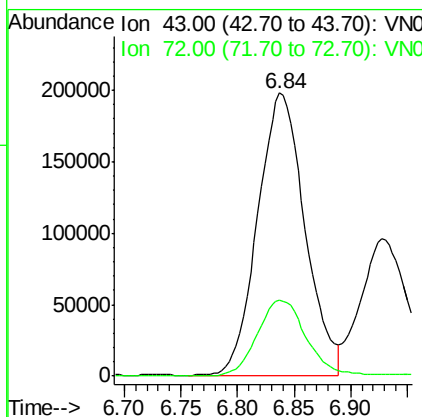
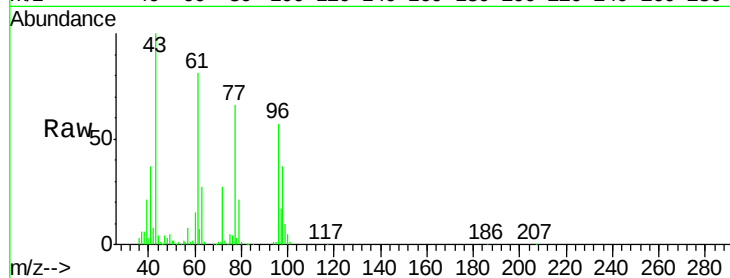
#25
2-Butanone
Concen: 87.50 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion: 43 Resp: 570895
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.2

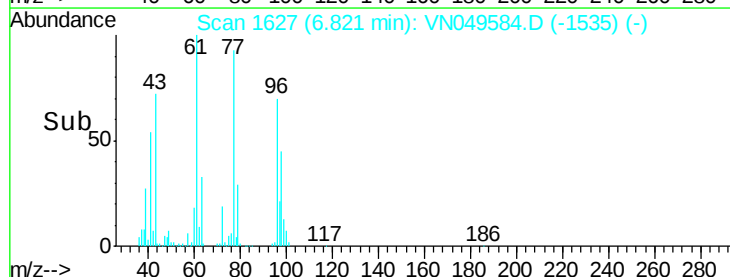
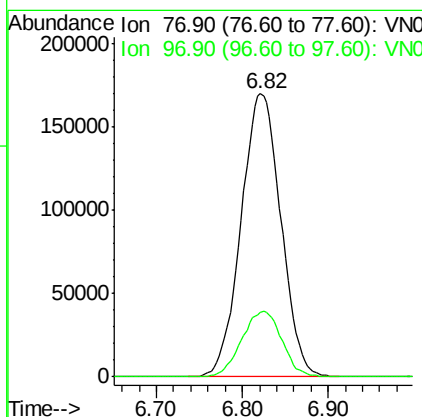
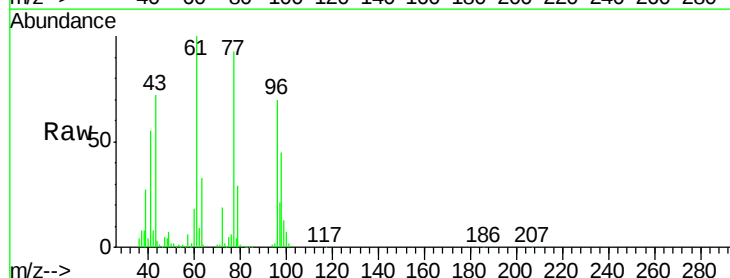
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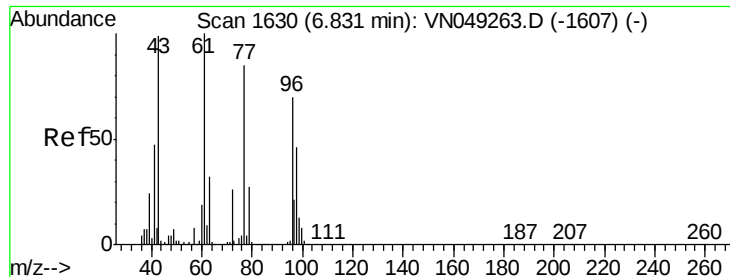
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#26
2,2-Dichloropropane
Concen: 19.38 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion: 77 Resp: 546381
Ion Ratio Lower Upper
77 100
97 23.5 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.09 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

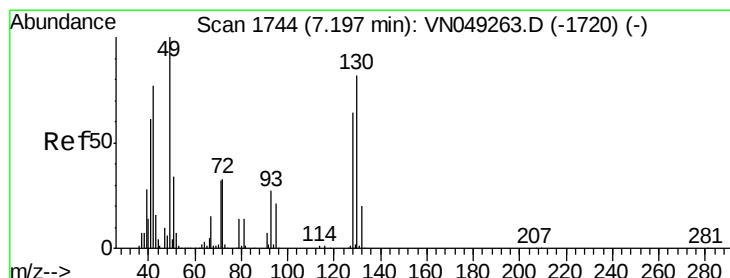
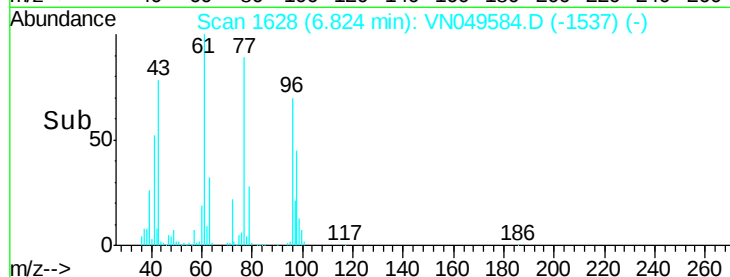
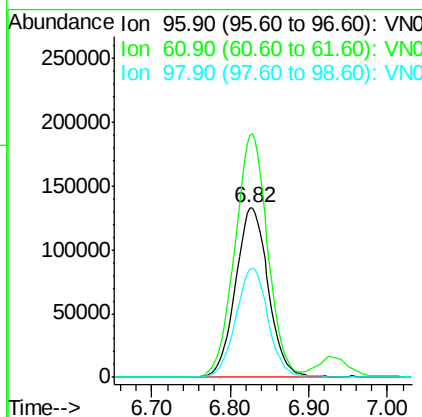
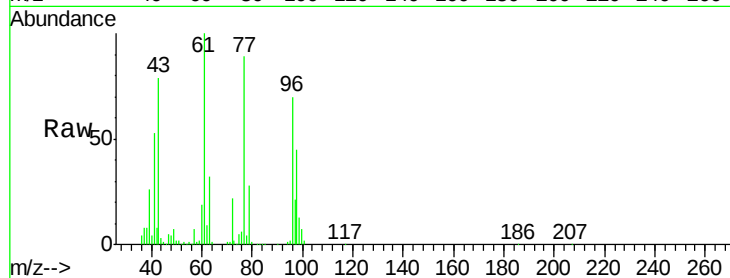
ClientSampleId :

VN0628WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		388701		
61	143.2	0.0	316.4		
98	63.9	0.0	128.4		

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#28

Bromochloromethane

Concen: 19.27 ug/l

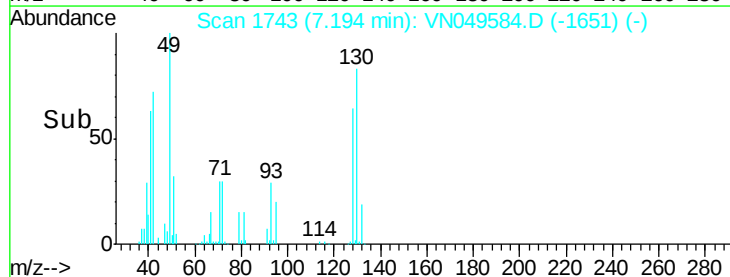
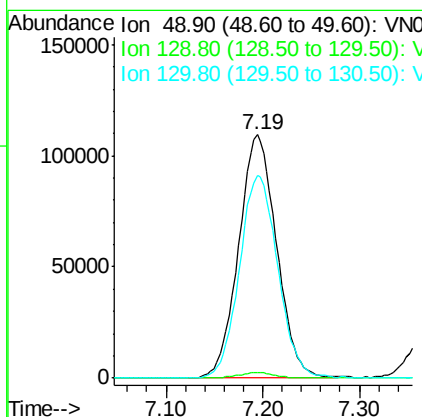
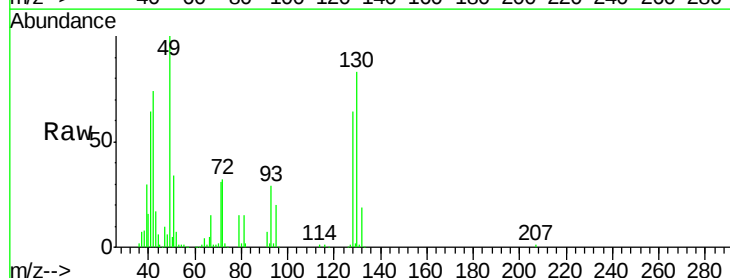
RT: 7.19 min Scan# 1743

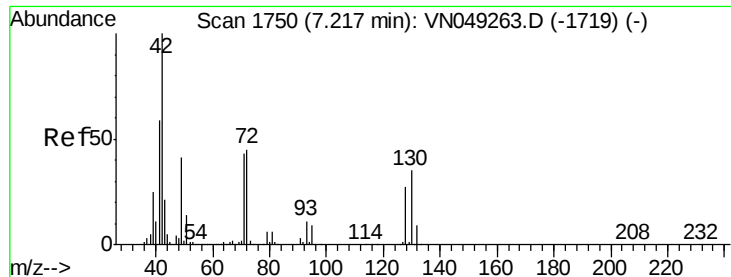
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		298350		
129	2.0	0.0	3.8		
130	84.3	54.9	82.3#		





#29

Tetrahydrofuran

Concen: 93.32 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

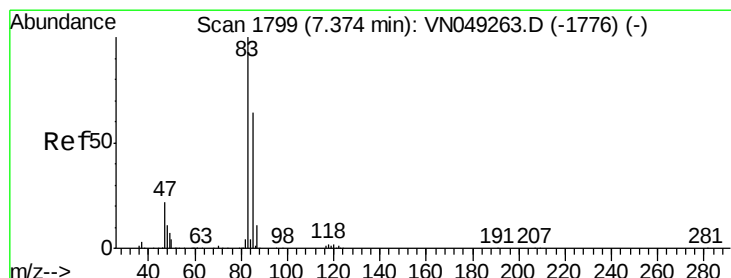
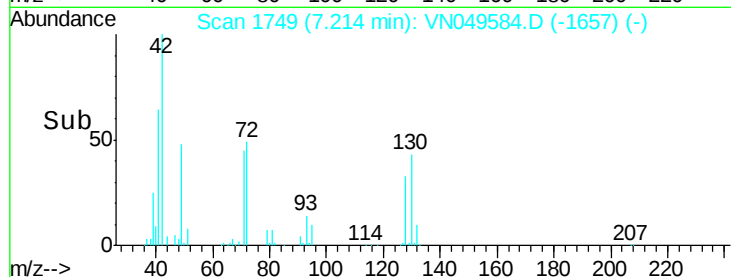
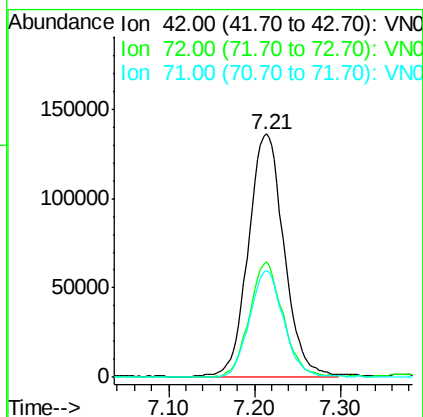
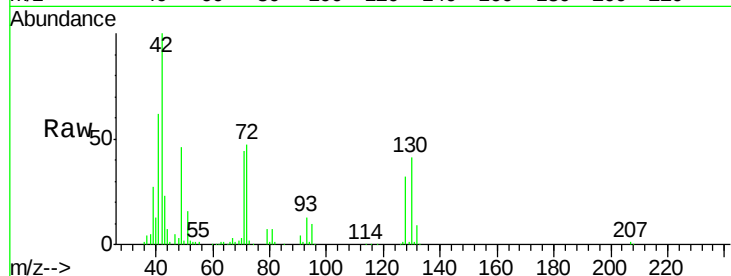
ClientSampleId :

VN0628WBS01

Tot Ion:	42	Resp:	391929
Ion Ratio		Lower	Upper
42	100		
72	44.9	32.2	48.4
71	41.9	30.5	45.7

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#30

Chloroform

Concen: 18.85 ug/l

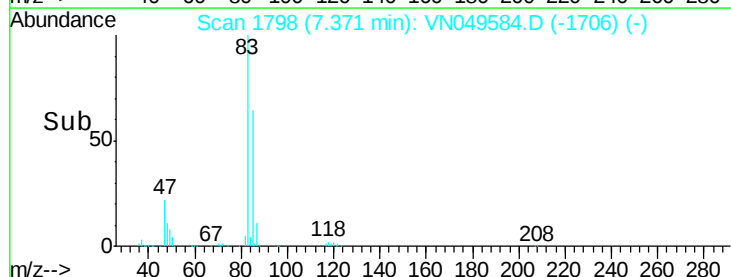
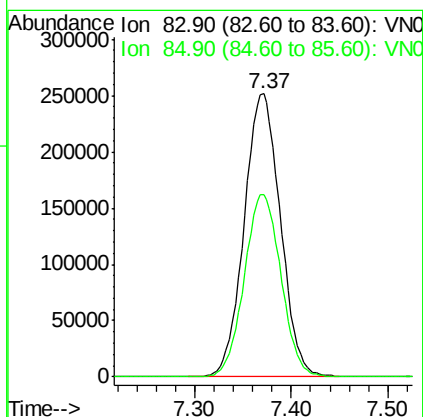
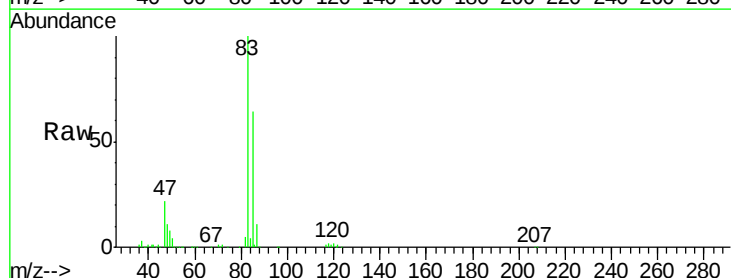
RT: 7.37 min Scan# 1798

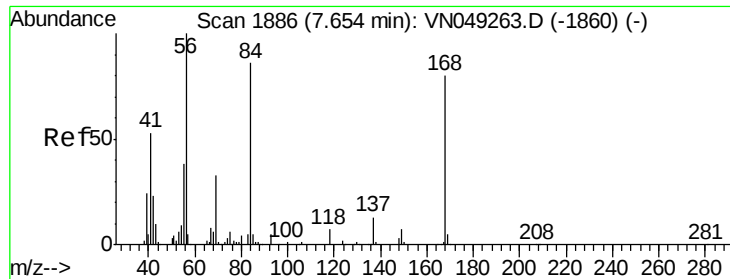
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	83	Resp:	655105
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.7	77.5





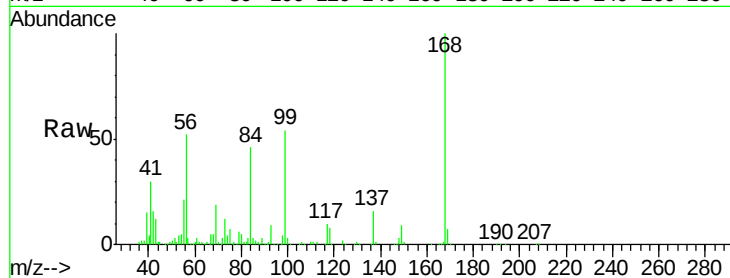
#31
Cyclohexane
Concen: 19.93 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

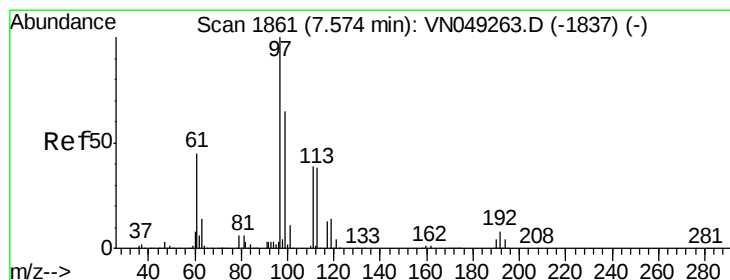
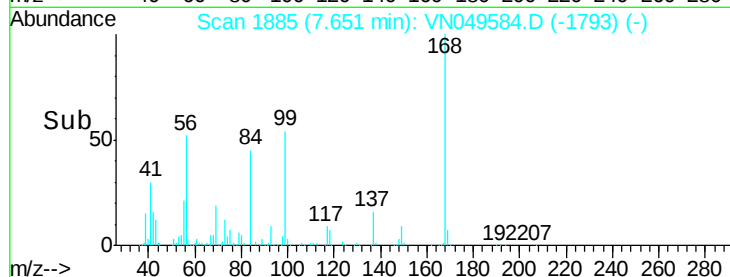
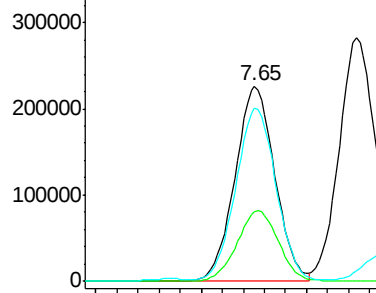
Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.0	37.4
84	87.2	64.6	96.8

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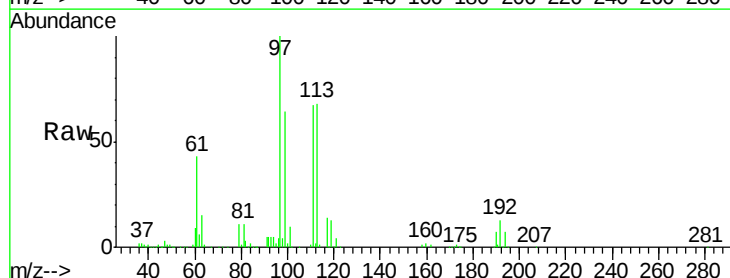


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

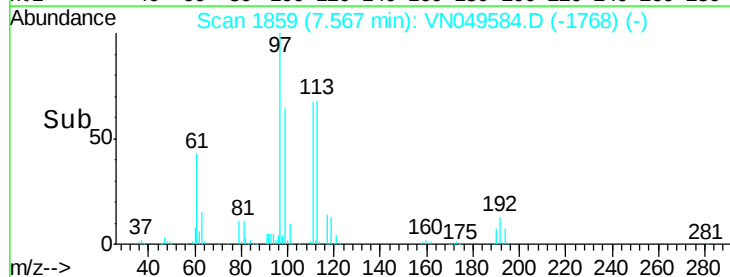
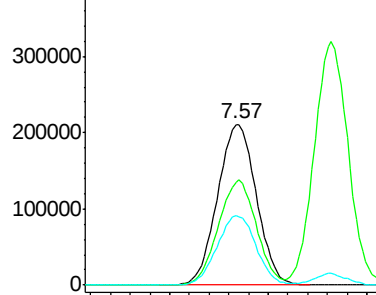


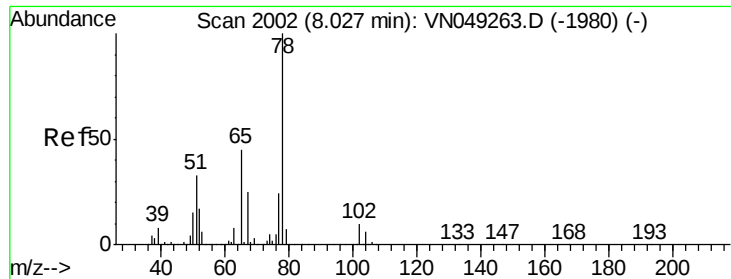
#32
1,1,1-Trichloroethane
Concen: 19.32 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.5	75.7
61	43.5	37.9	56.9



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





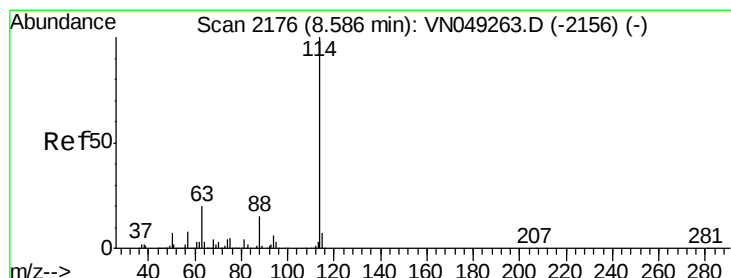
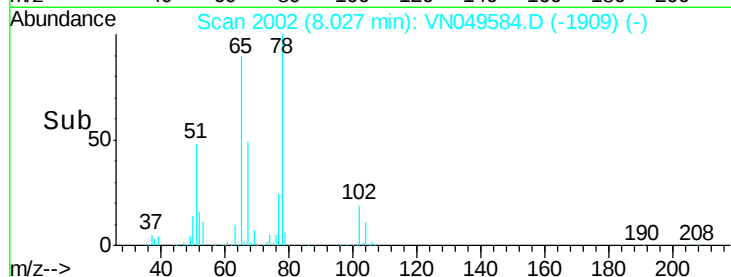
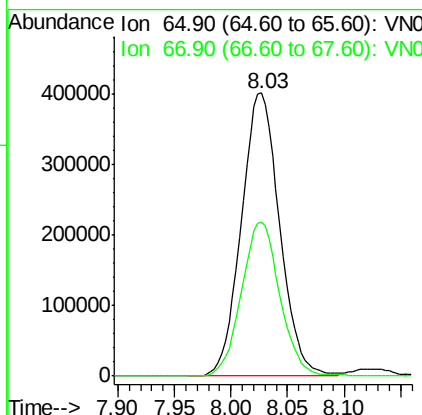
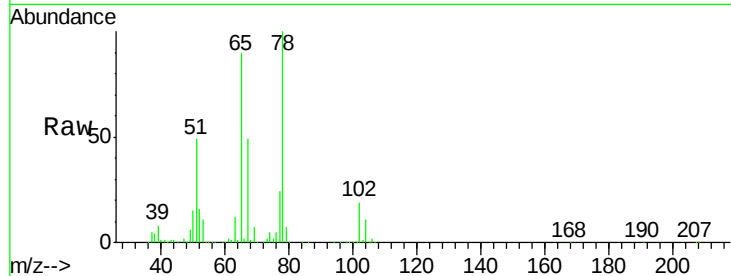
#33
 1,2-Dichloroethane-d4
 Concen: 47.26 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	945834		
67	54.6	0.0	103.8	

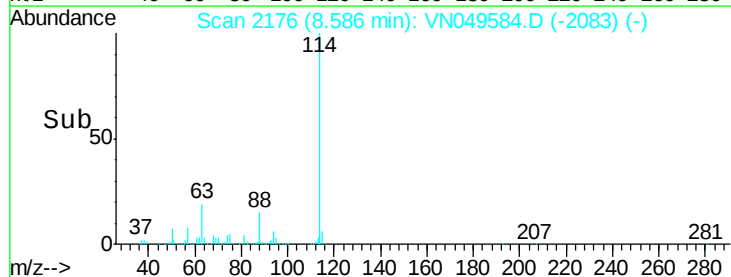
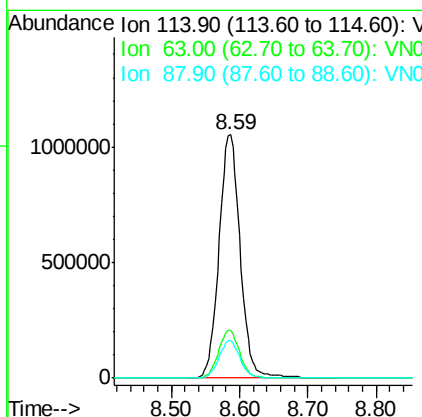
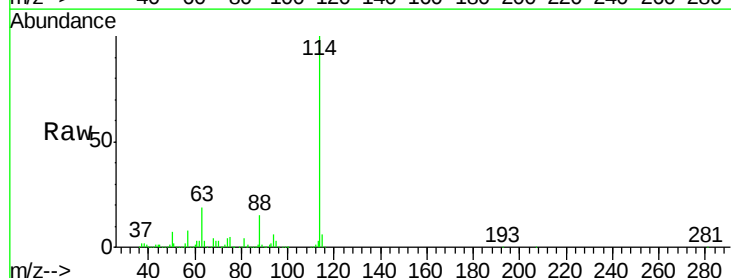
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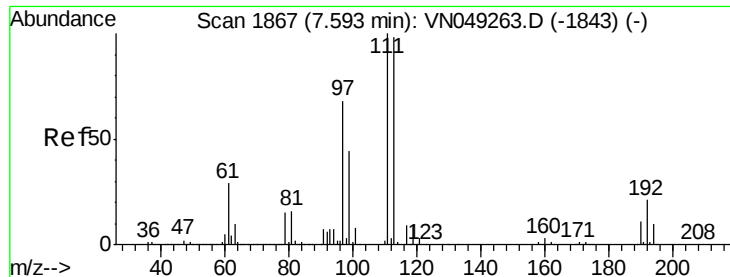
MMDadoda
 6/29/2018 1:46:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	2265430		
63	19.4	0.0	44.4	
88	15.4	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.70 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

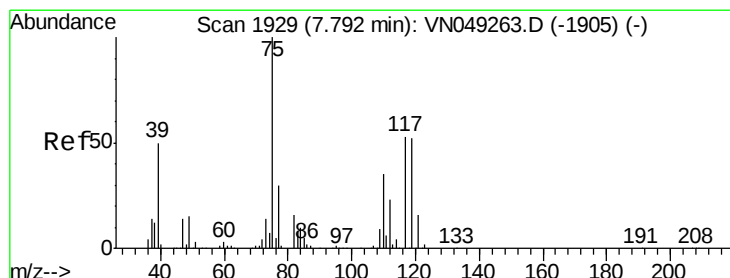
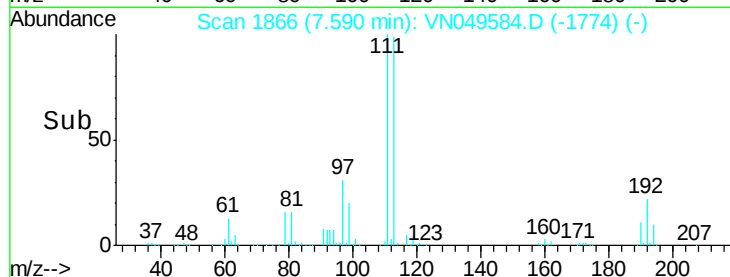
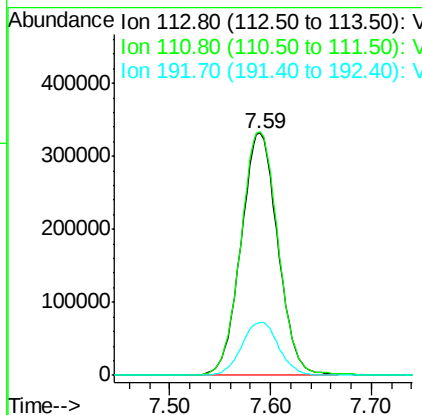
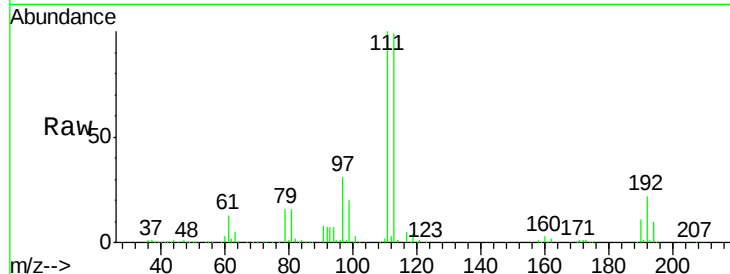
ClientSampleId :

VN0628WBS01

Tot Ion:	113	Resp:	837644
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.4	123.6
192	22.1	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 19.24 ug/l

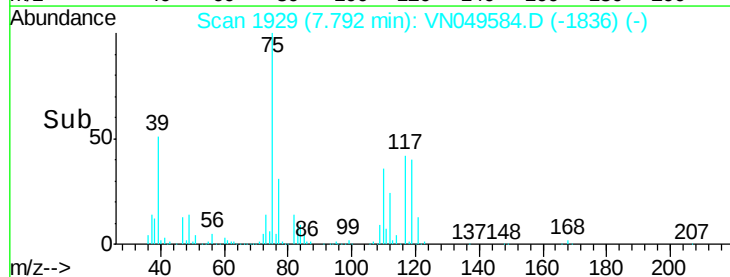
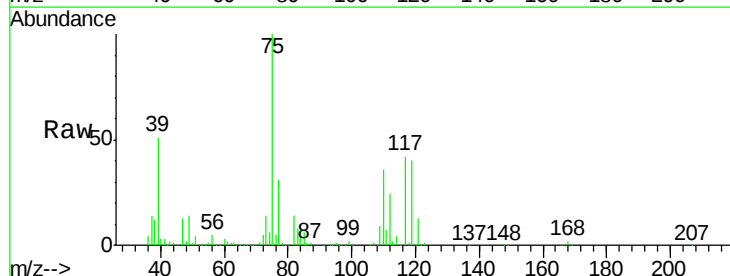
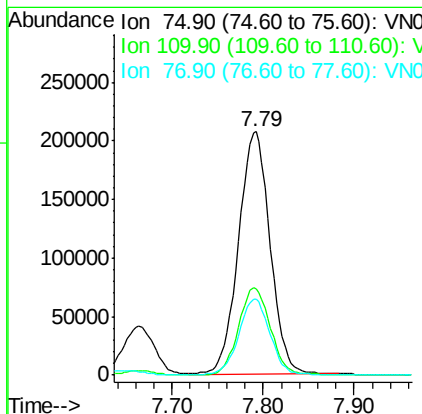
RT: 7.79 min Scan# 1929

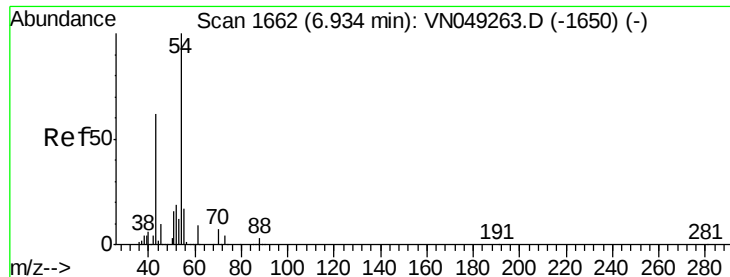
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	75	Resp:	499558
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.0	50.9
77	30.7	24.4	36.6





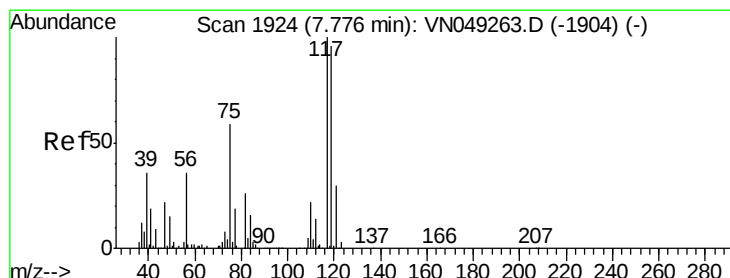
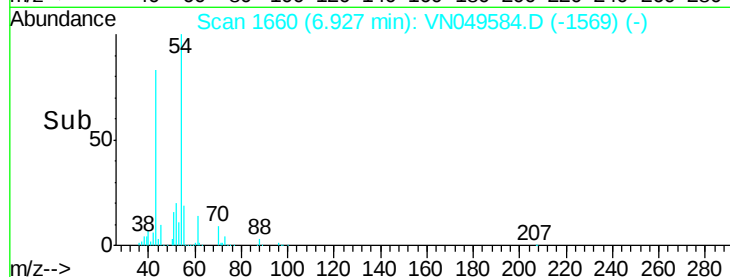
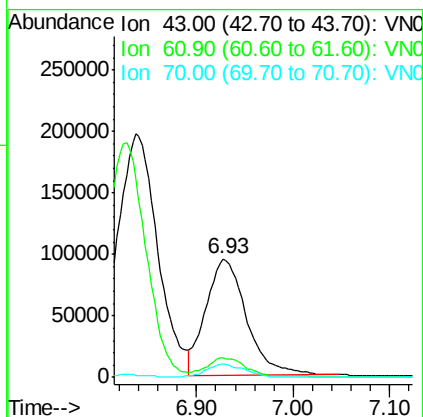
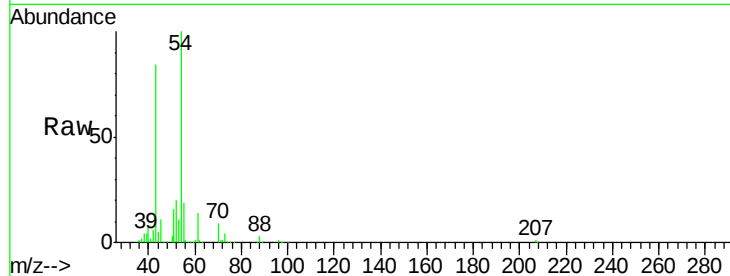
#37
Ethyl Acetate
Concen: 19.57 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.0	16.4
70	10.6	7.2	10.8

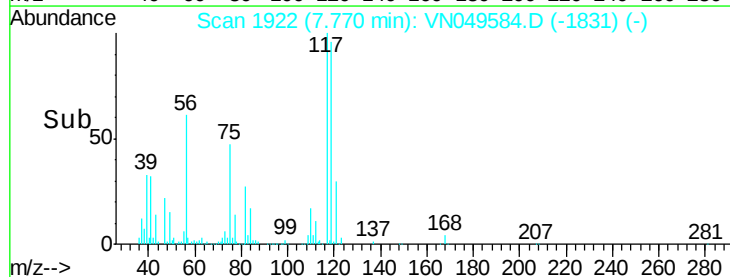
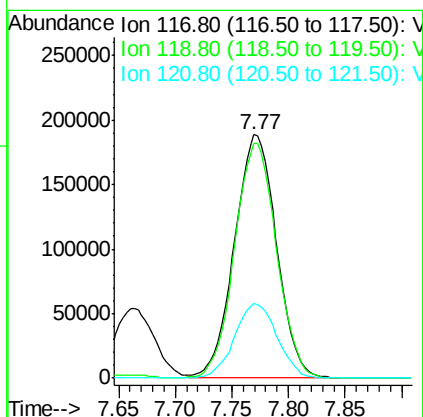
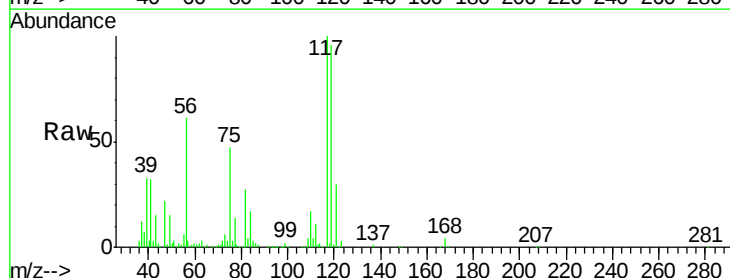
Manual Integrations
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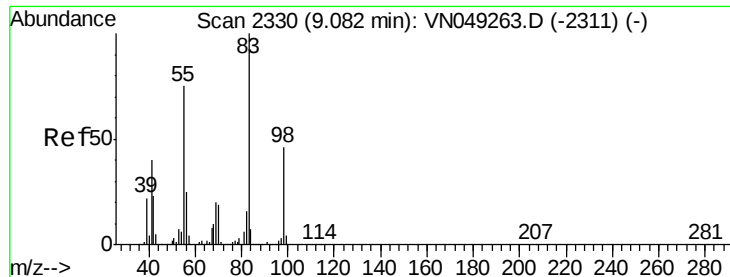
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#38
Carbon Tetrachloride
Concen: 18.08 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.6	113.4
121	30.5	24.7	37.1





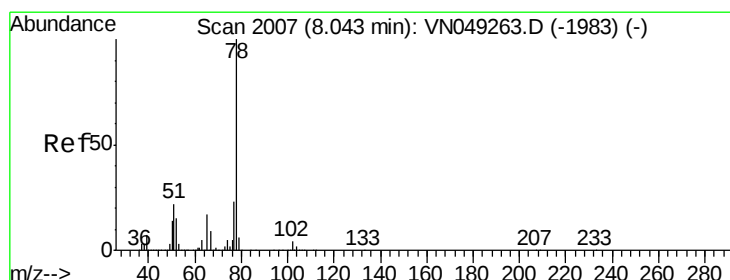
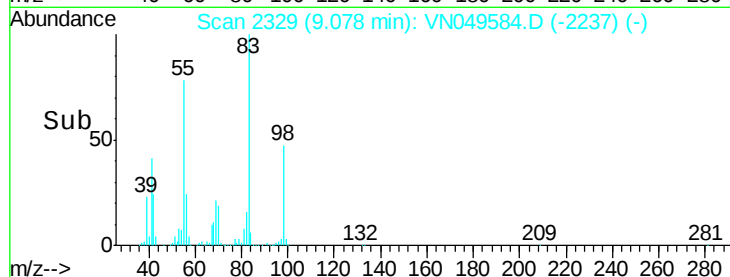
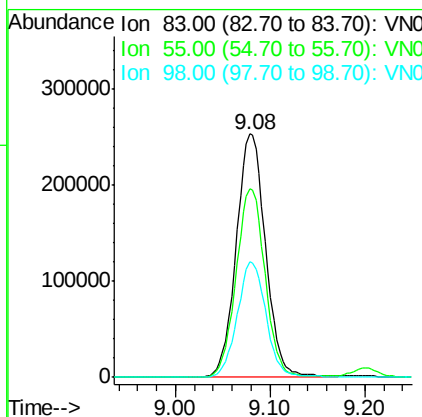
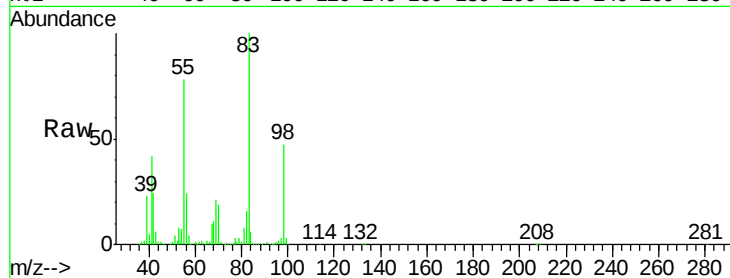
#39
Methvlcvclohexane
Concen: 19.62 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	65.1	97.7
98	47.2	36.5	54.7

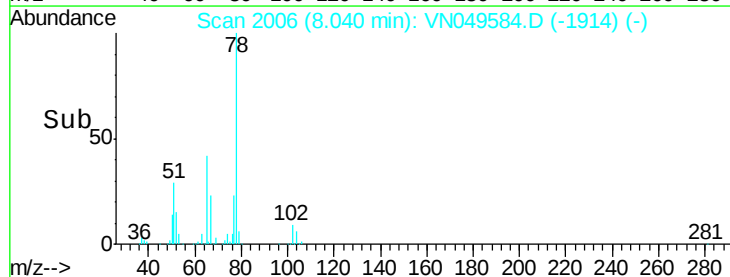
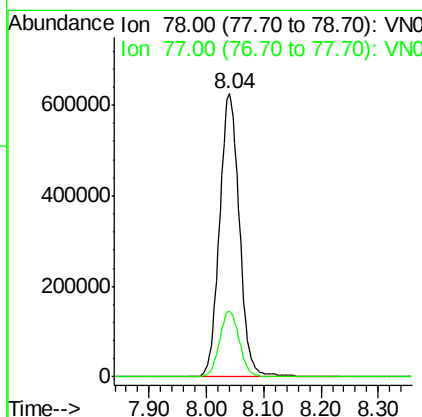
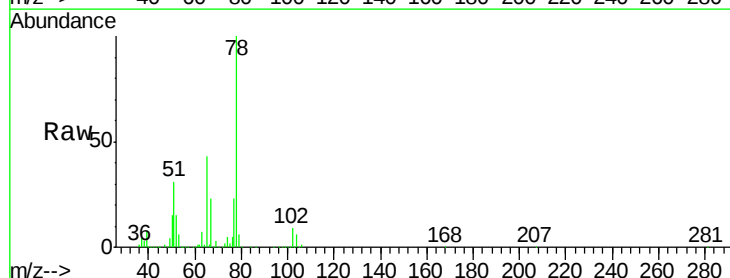
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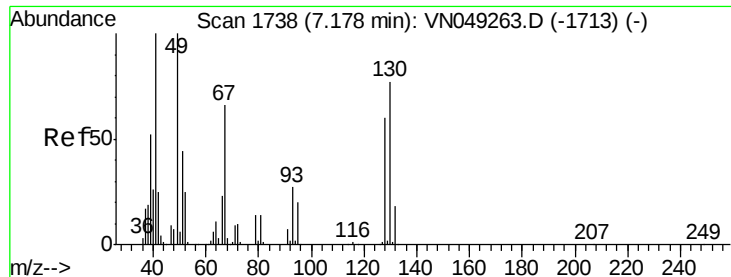
MMDadoda
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#40
Benzene
Concen: 18.90 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





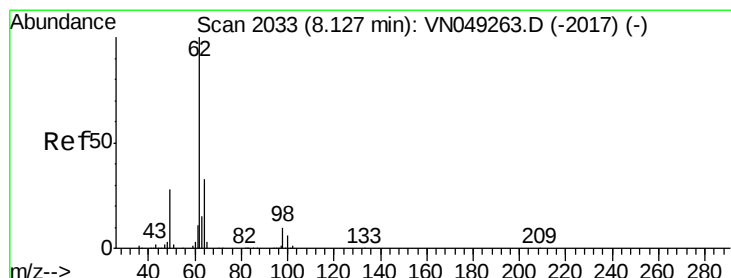
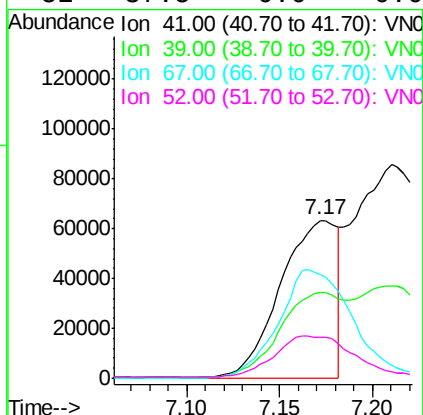
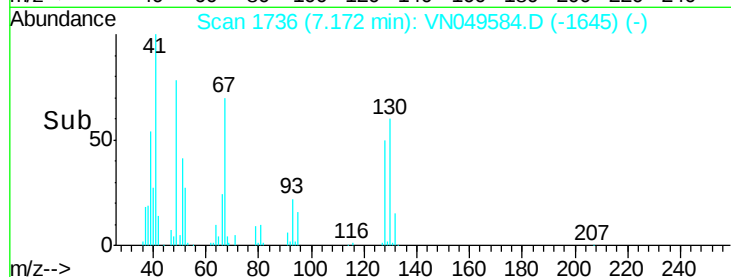
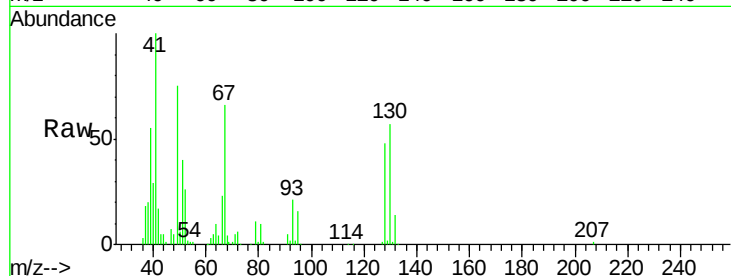
#41
Methacrylonitrile
Concen: 17.62 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.2	0.0	0.0#
67	90.5	0.0	0.0#
52	37.5	0.0	0.0#

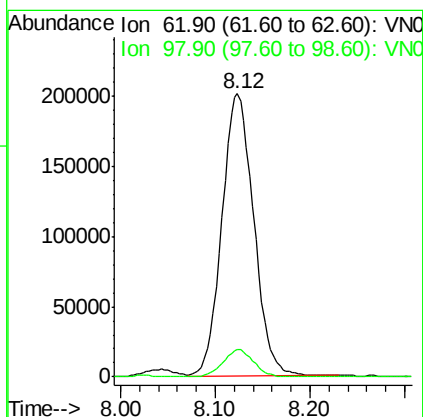
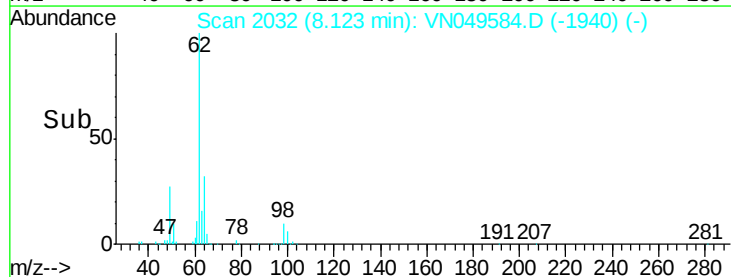
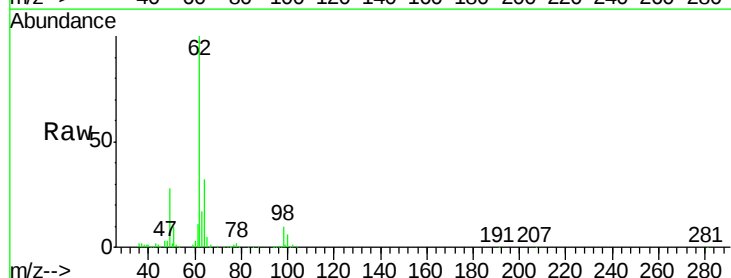
Manual Integrations
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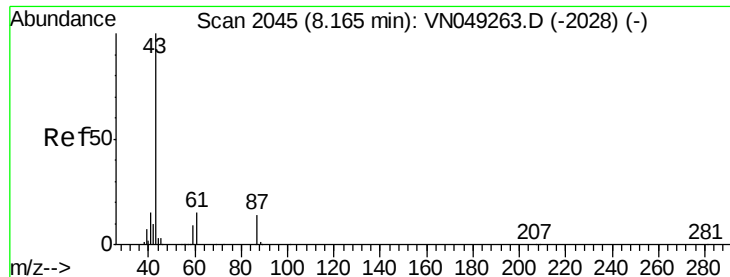
MMDadoda
6/29/2018 1:46:42 PM



#42
1,2-Dichloroethane
Concen: 19.18 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.2





#43

Isopropyl Acetate

Concen: 24.88 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

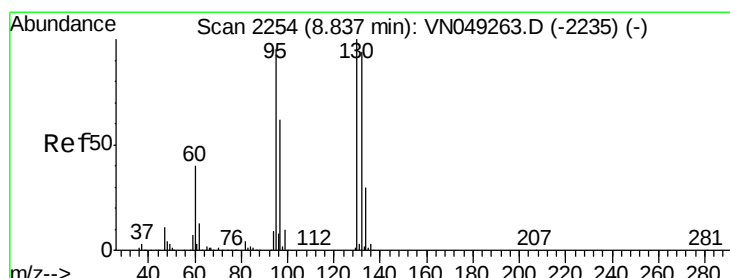
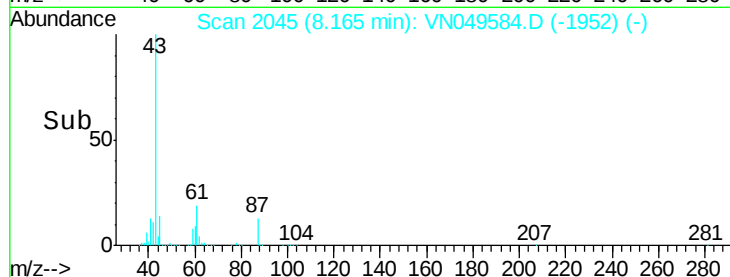
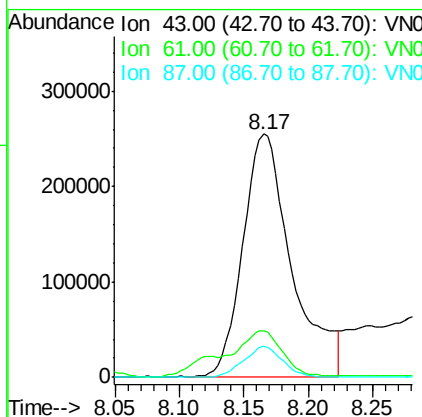
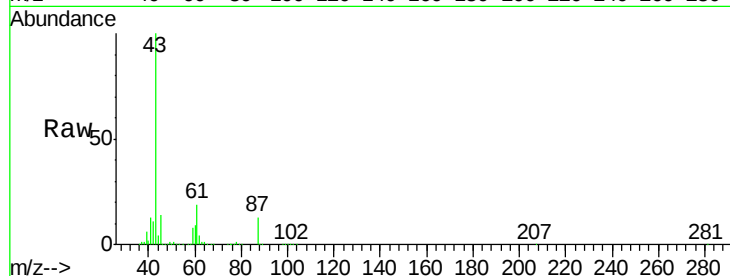
ClientSampleId :

VN0628WBS01

Tot Ion:	43	Resp:	670943
Ion	Ratio	Lower	Upper
43	100		
61	15.6	14.2	21.4
87	10.3	9.4	14.0

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#44

Trichloroethene

Concen: 20.64 ug/l

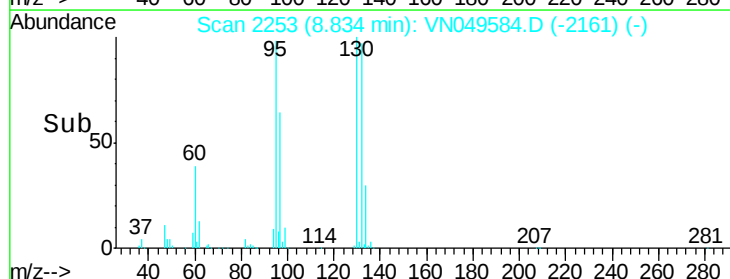
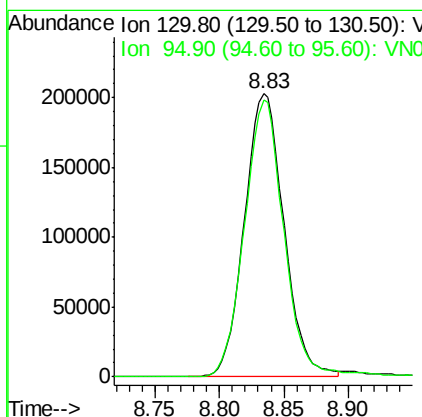
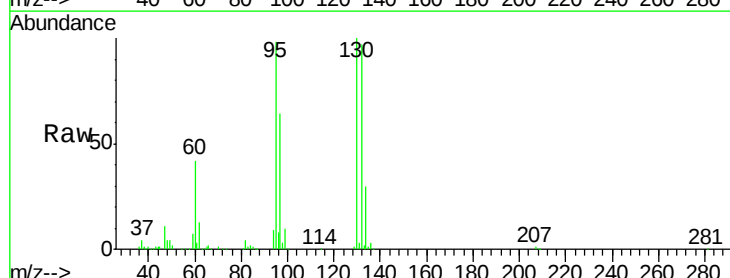
RT: 8.83 min Scan# 2253

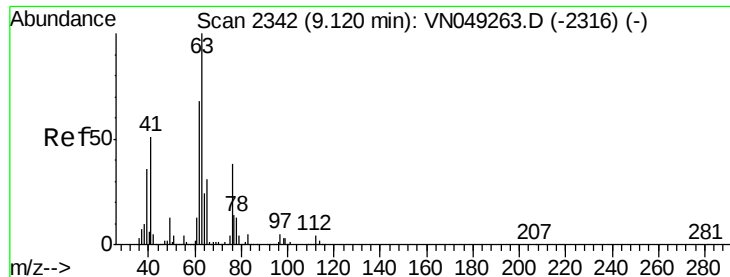
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	130	Resp:	433960
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	208.6





#45

1,2-Dichloropropane

Concen: 18.89 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 63 Resp: 393723

Ion Ratio Lower Upper

63 100

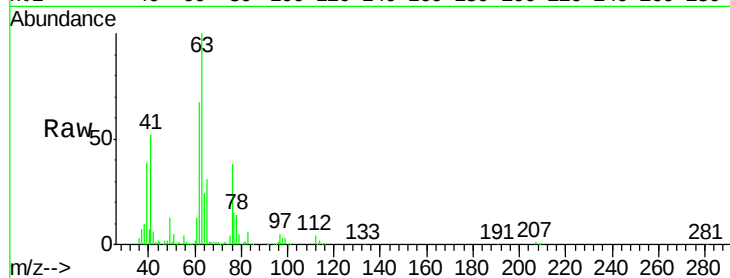
65 30.7 24.8 37.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

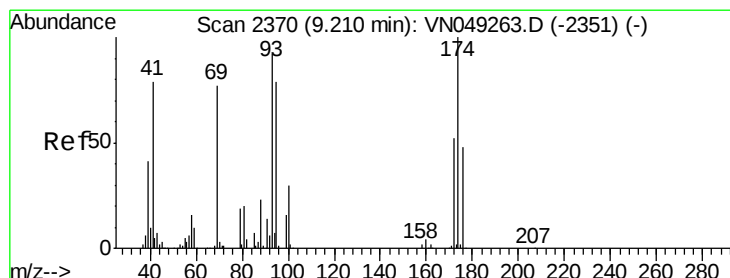
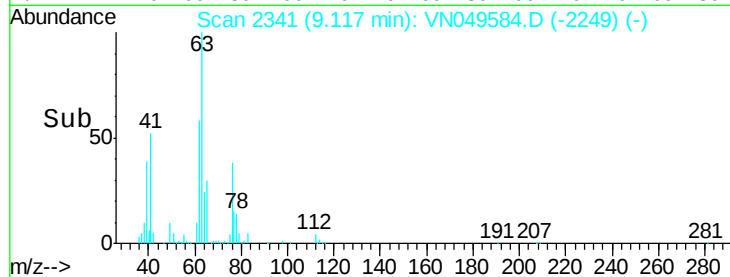
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 18.85 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

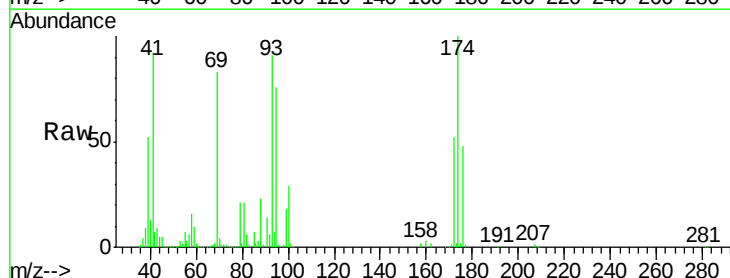
Tgt Ion: 93 Resp: 227768

Ion Ratio Lower Upper

93 100

95 81.8 67.2 100.8

174 109.9 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

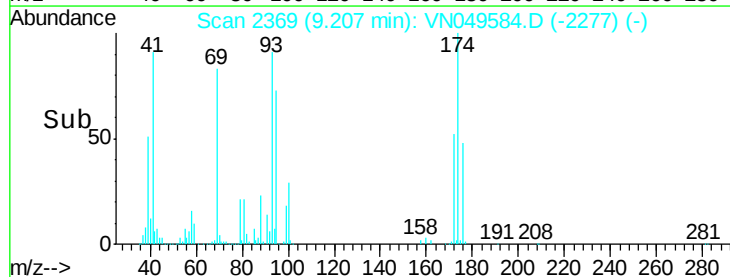
150000

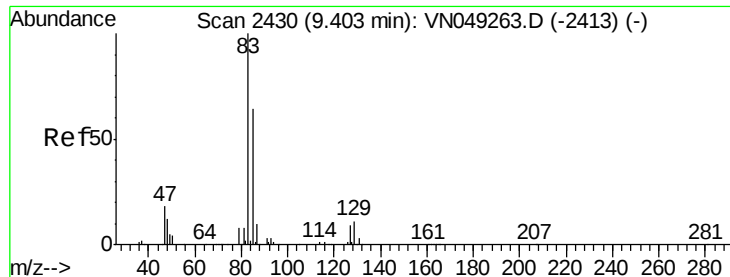
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 18.53 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

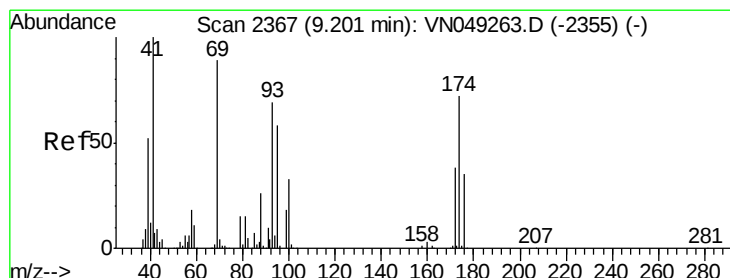
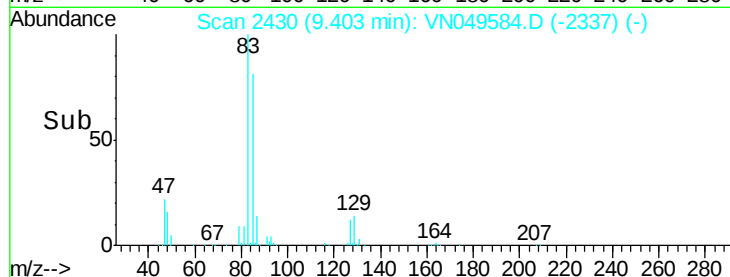
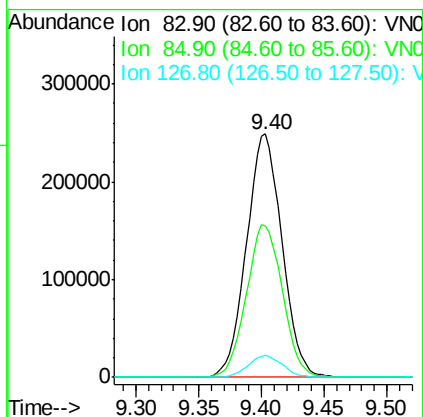
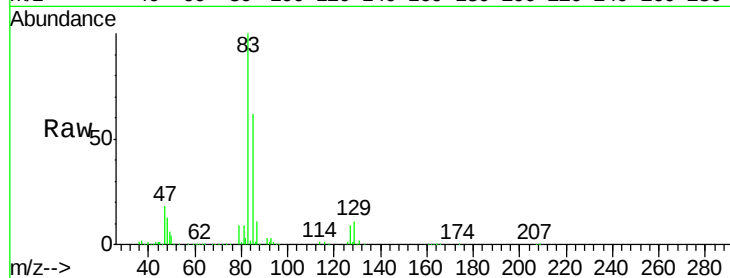
ClientSampleId :

VN0628WBS01

Tot Ion:	83	Resp:	492034
Ion Ratio	Lower	Upper	
83	100		
85	62.5	49.4	74.0
127	8.9	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.80 ug/l

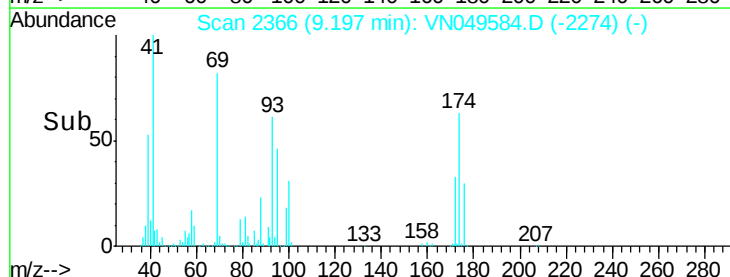
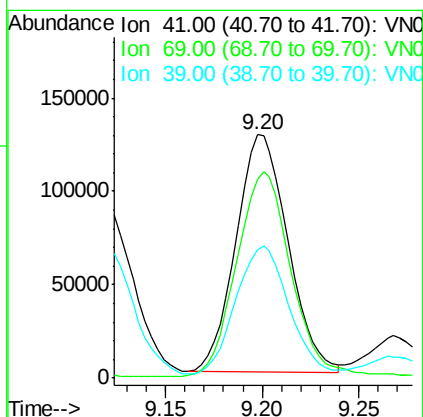
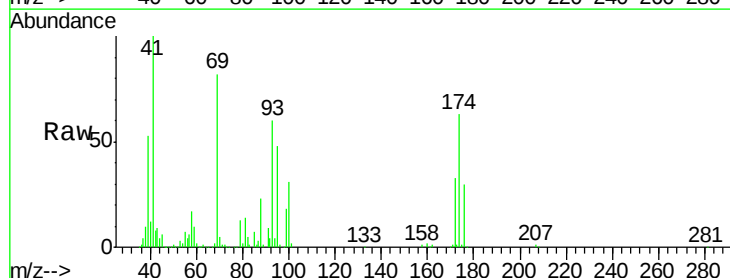
RT: 9.20 min Scan# 2366

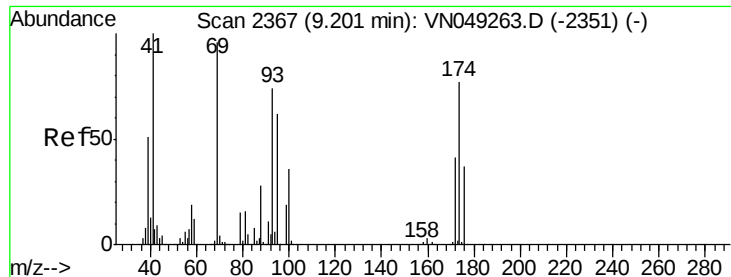
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	41	Resp:	238782
Ion Ratio	Lower	Upper	
41	100		
69	91.7	62.0	93.0
39	57.8	50.6	75.8





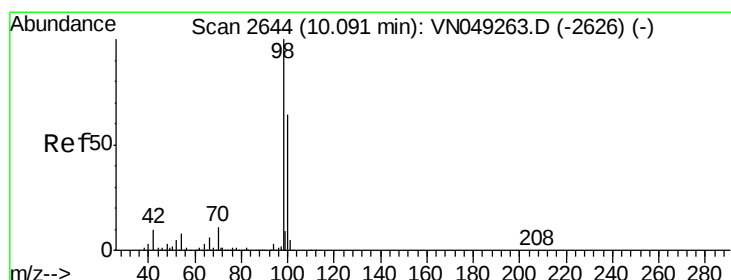
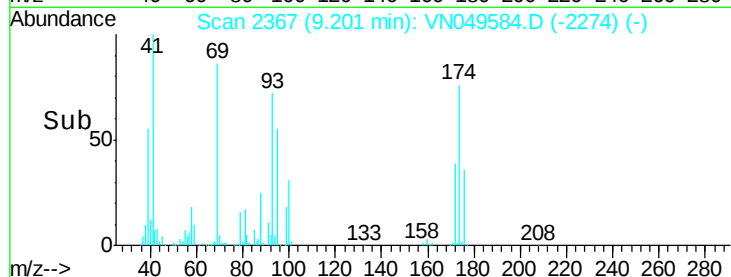
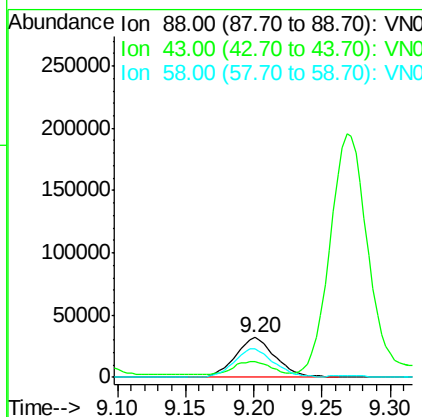
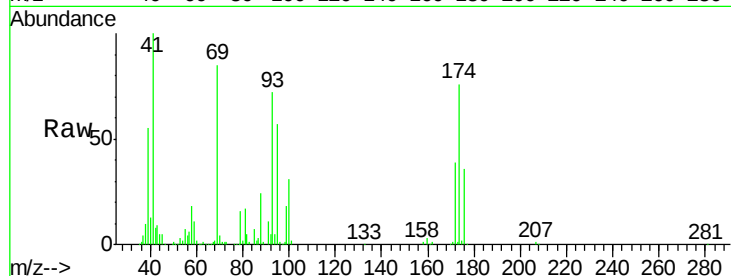
#49
1,4-Dioxane
Concen: 368.27 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	30.9	46.3
58	71.3	58.9	88.3

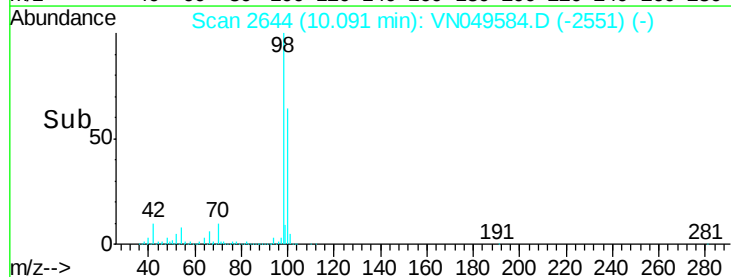
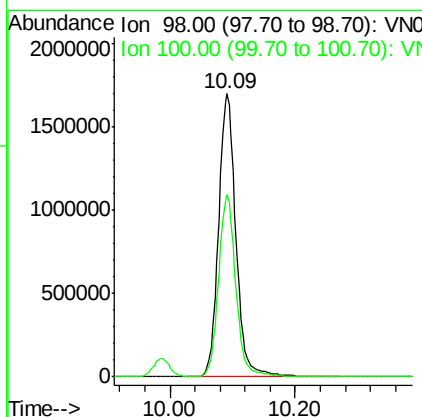
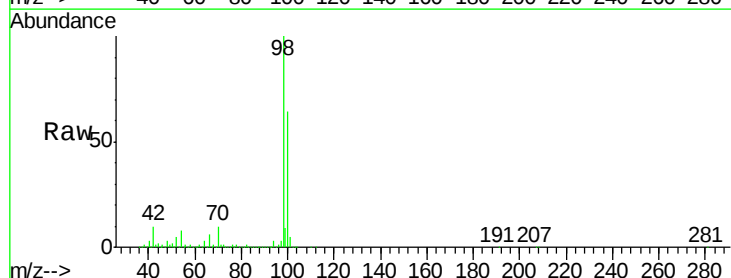
Manual Integrations
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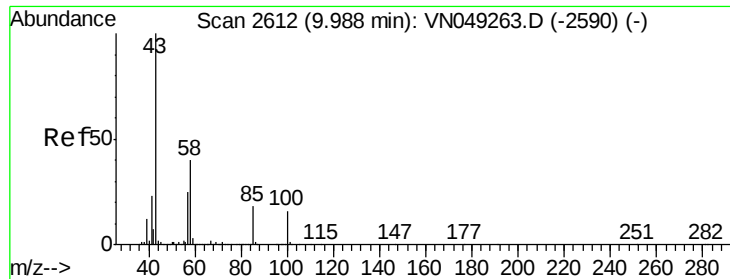
MMDadoda
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#50
Toluene-d8
Concen: 46.72 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	49.8	74.8





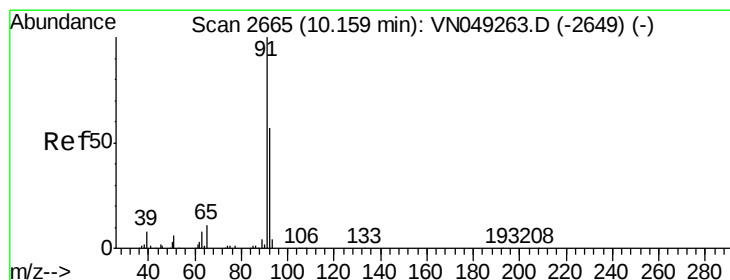
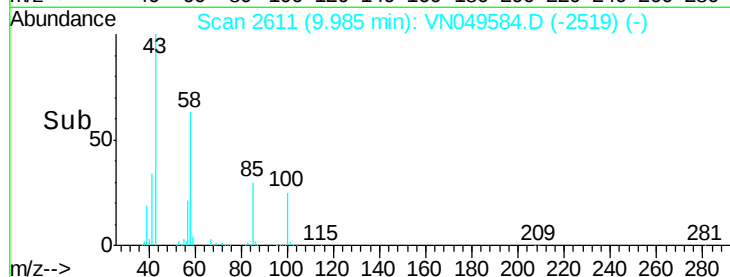
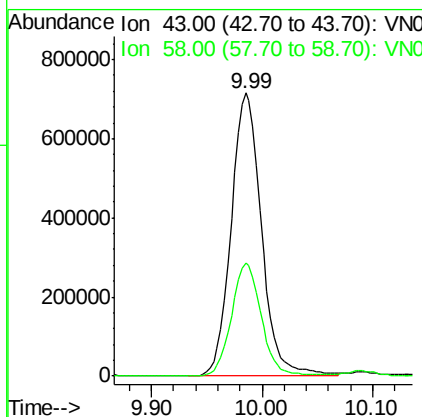
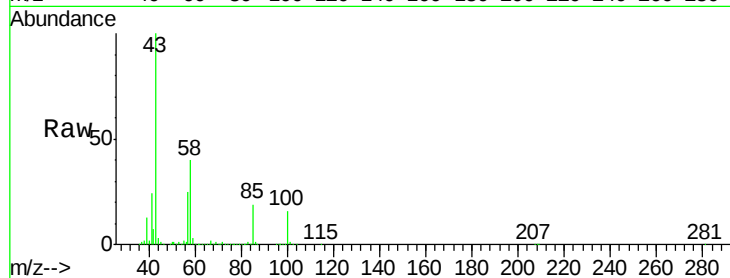
#51
4-Methyl-2-Pentanone
Concen: 96.19 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion: 43 Resp: 1359558
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6

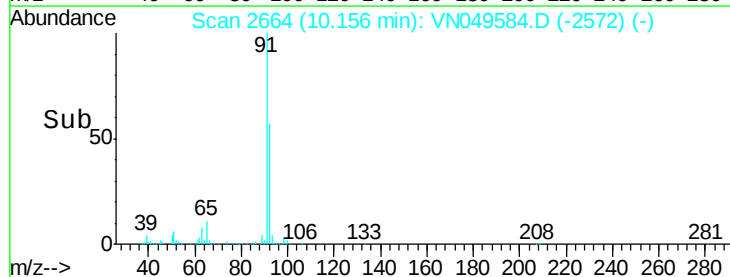
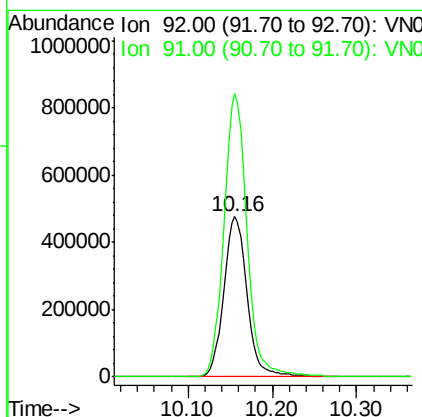
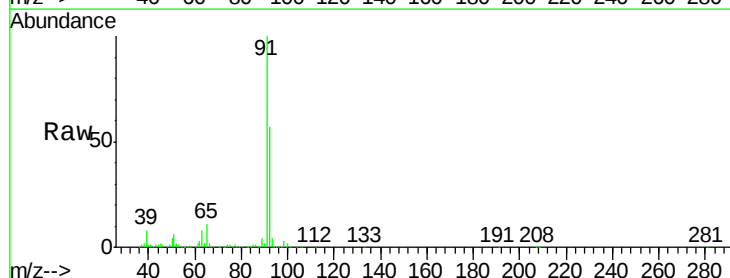
Manual Integrations
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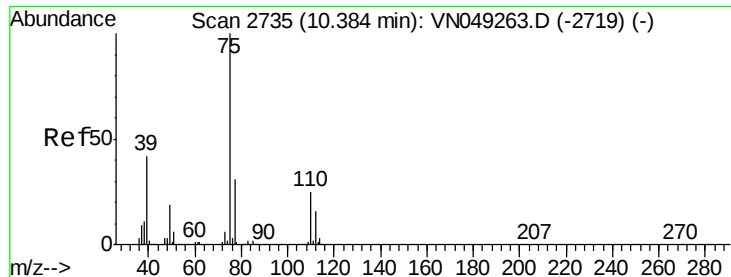
MMDadoda
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#52
Toluene
Concen: 19.56 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion: 92 Resp: 913948
Ion Ratio Lower Upper
92 100
91 175.3 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 17.98 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 75 Resp: 456810

Ion Ratio Lower Upper

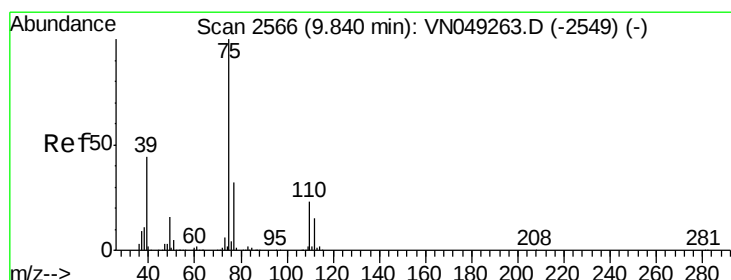
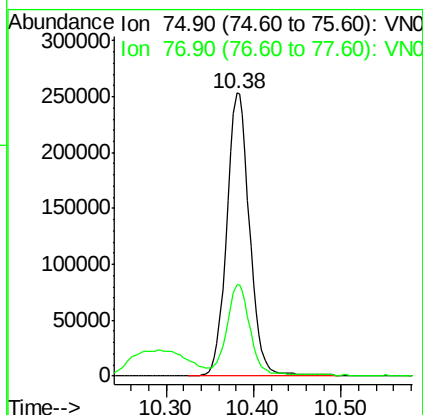
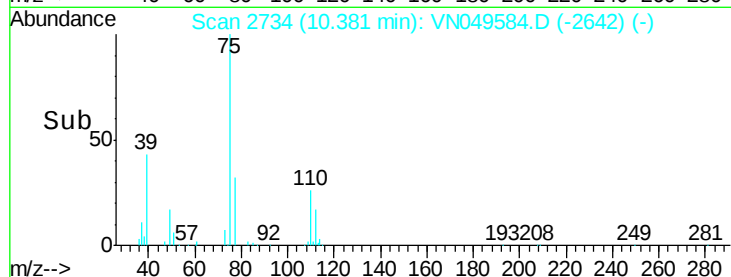
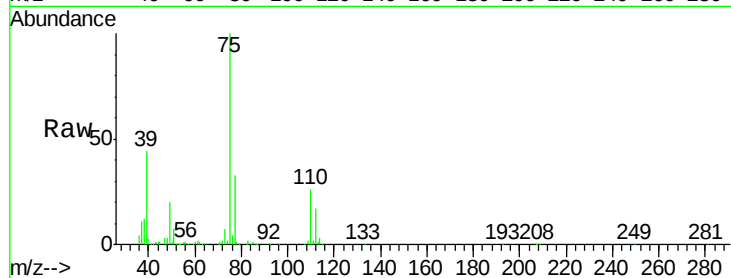
75 100

77 32.2 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.37 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

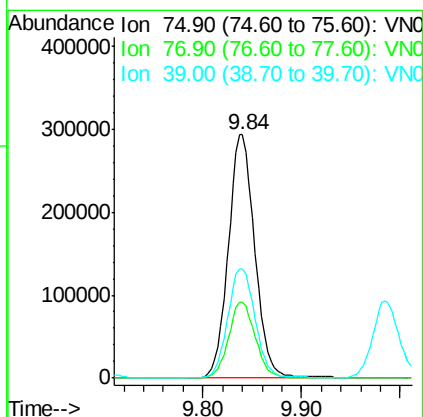
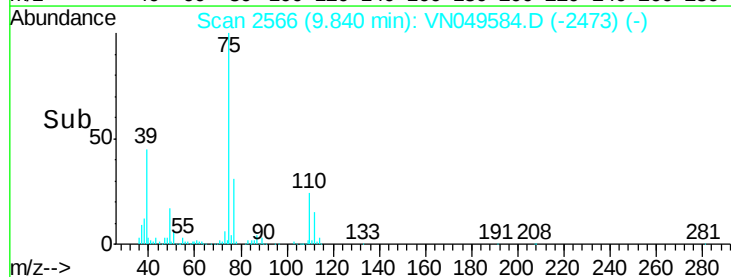
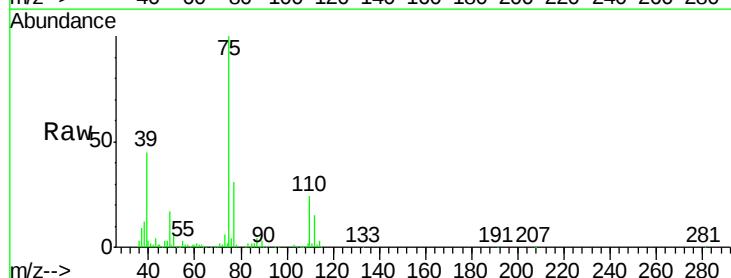
Tgt Ion: 75 Resp: 551091

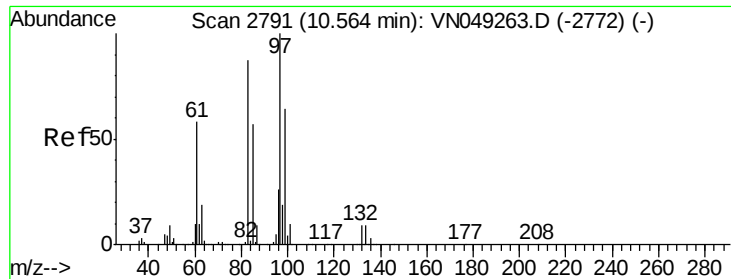
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 44.8 45.1 67.7#





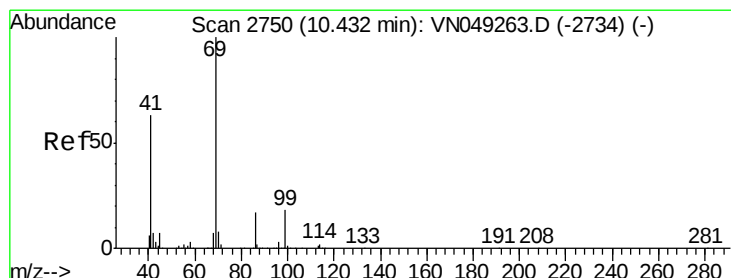
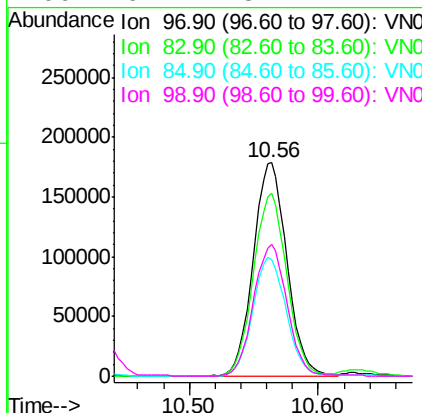
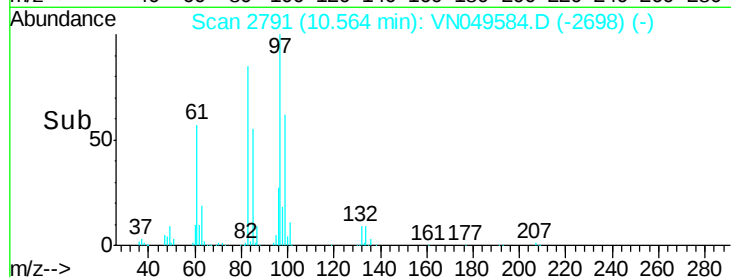
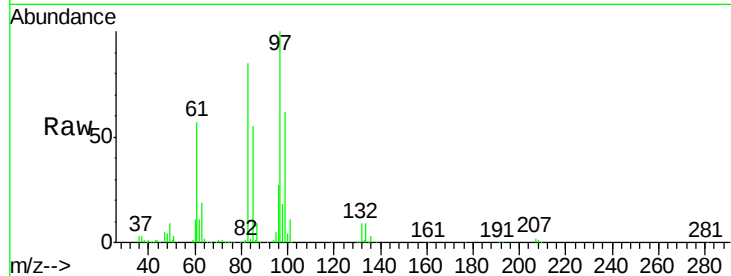
#55
 1,1,2-Trichloroethane
 Concen: 18.72 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		326015		
83	85.4	71.5	107.3		
85	54.8	47.0	70.4		
99	61.7	51.4	77.2		

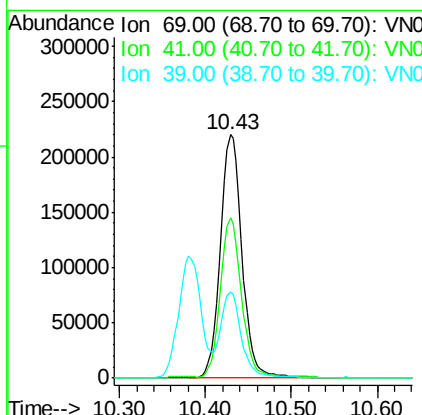
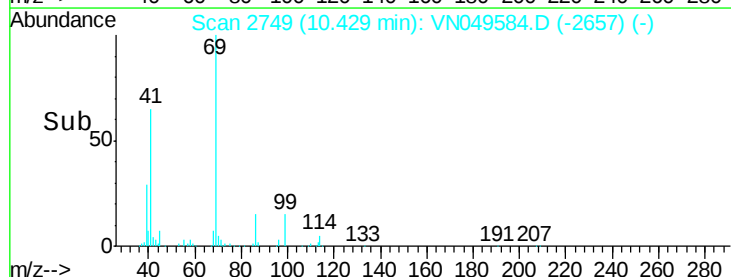
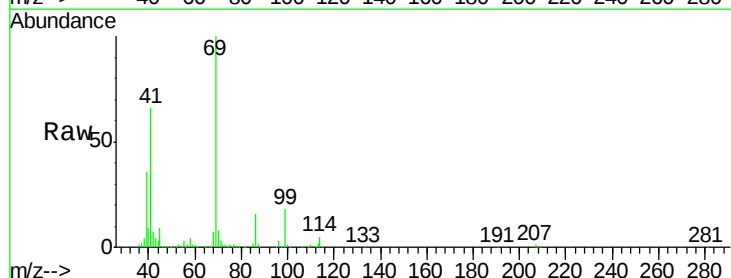
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		387689		
41	63.4	58.4	87.6		
39	34.3	35.5	53.3#		





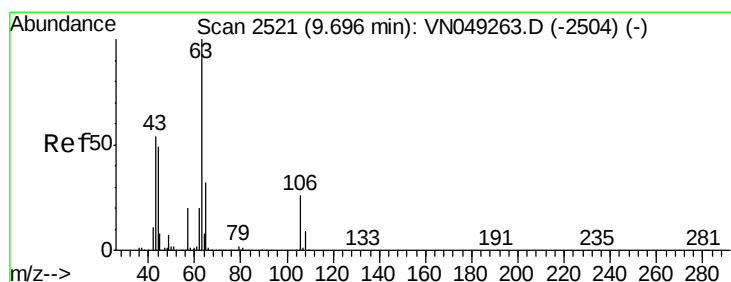
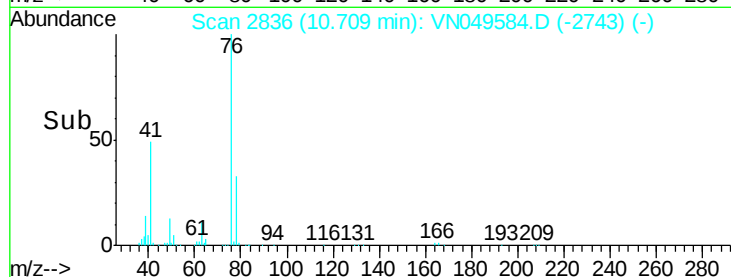
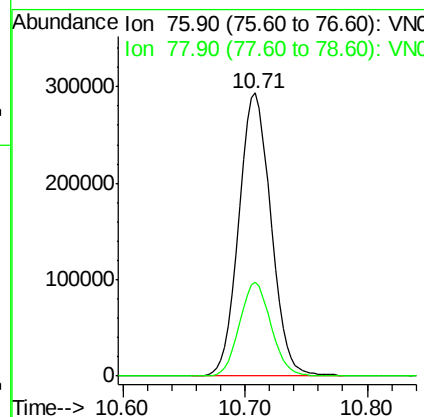
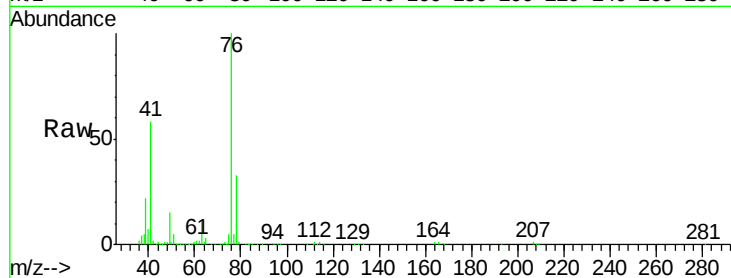
#57
 1,3-Dichloropropane
 Concen: 18.60 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.3	39.5

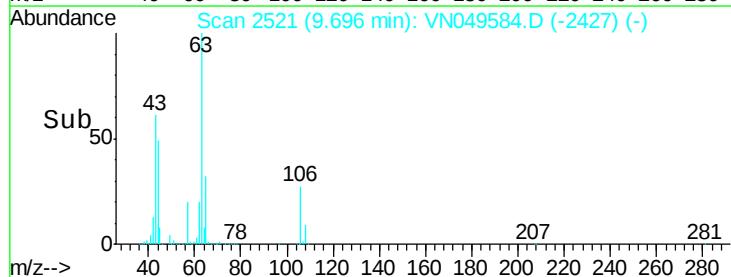
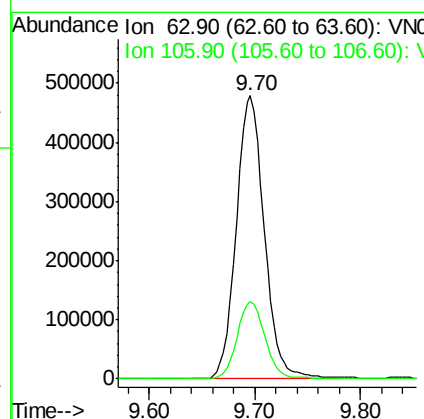
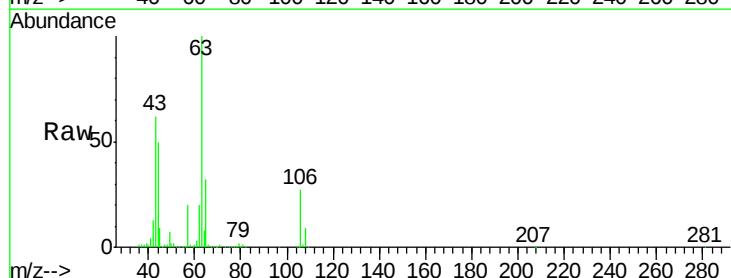
Manual Integrations
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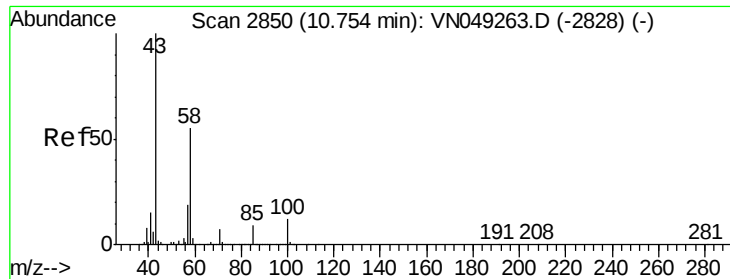
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 6/29/2018 1:46:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 130.12 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	19.4	29.2





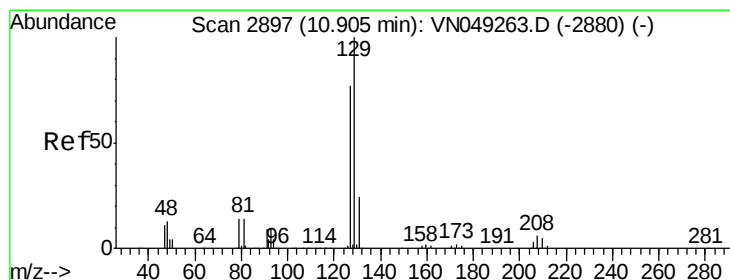
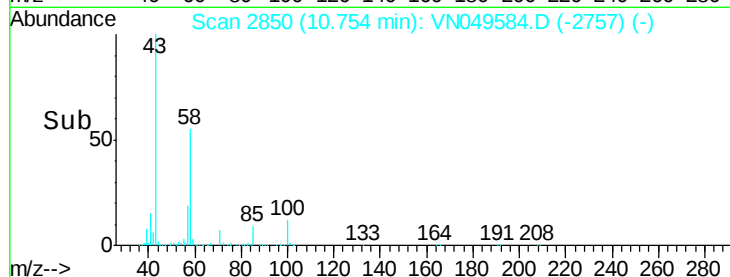
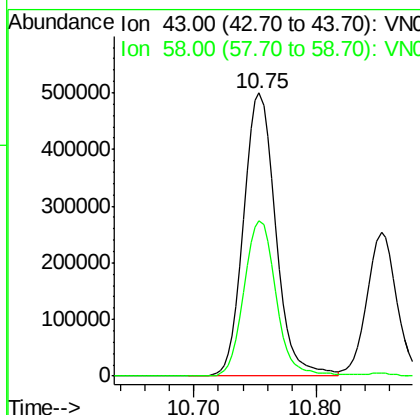
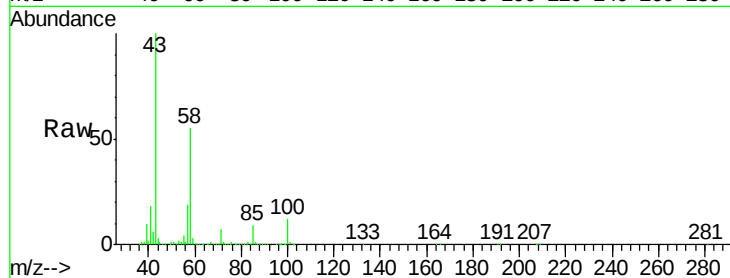
#59
2-Hexanone
Concen: 98.77 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	25.2	75.6

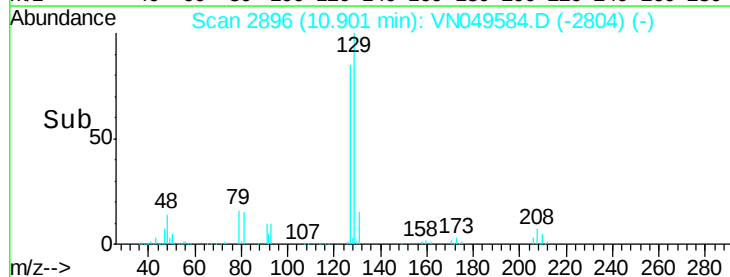
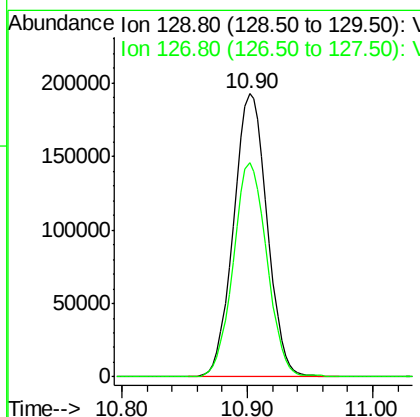
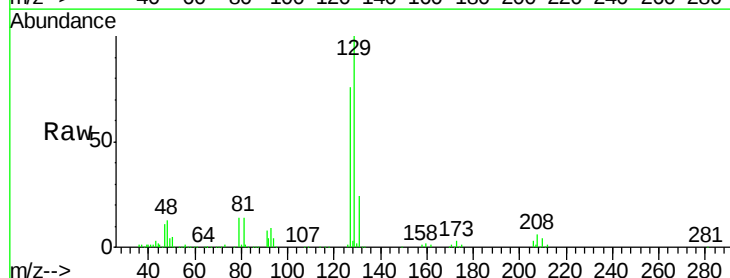
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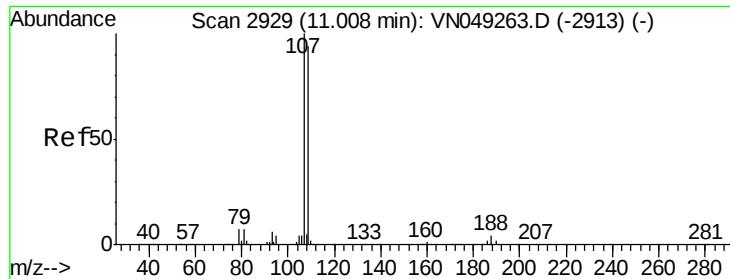
MMDadoda
6/29/2018 1:46:42 PM



#60
Dibromochloromethane
Concen: 18.44 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.8	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.36 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion:107 Resp: 313472

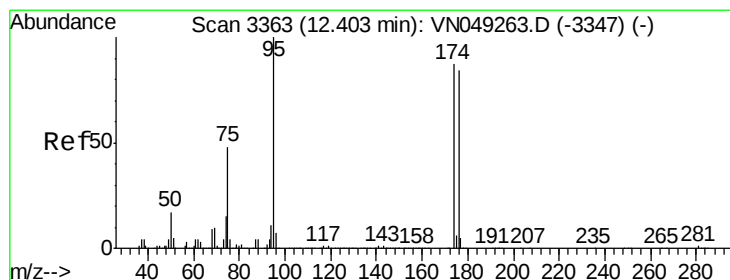
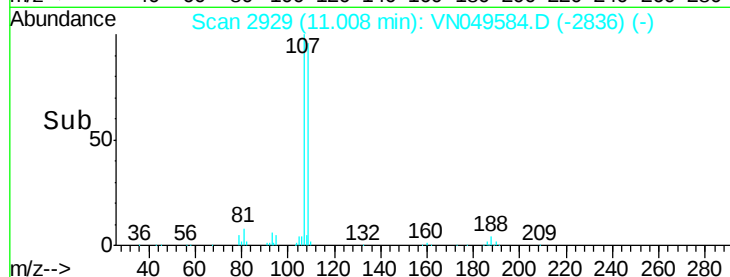
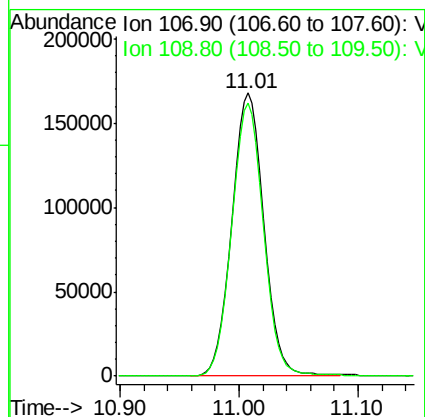
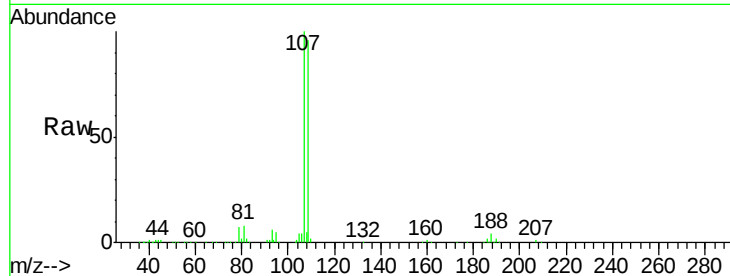
Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

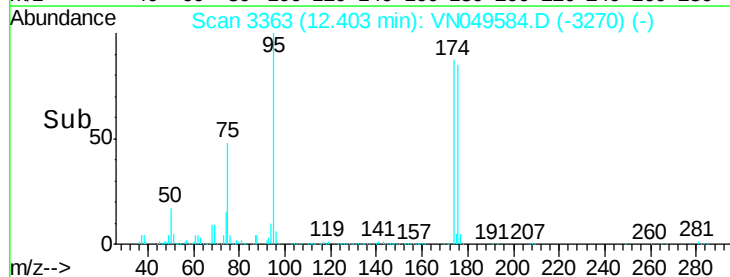
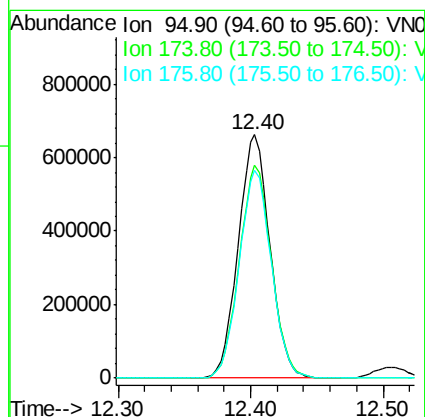
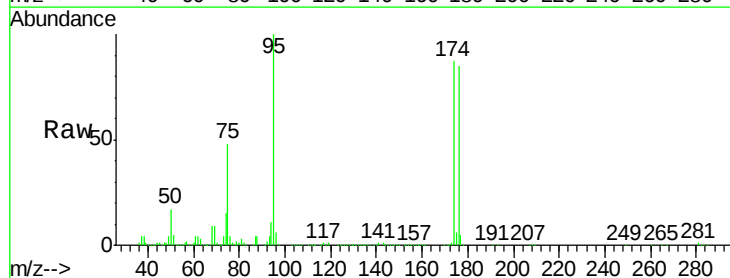
Tgt Ion: 95 Resp: 1101102

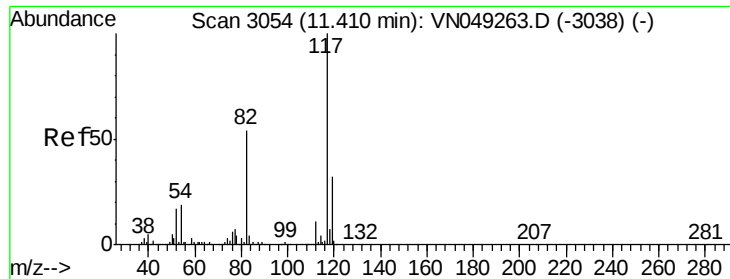
Ion Ratio Lower Upper

95 100

174 88.6 0.0 165.6

176 86.3 0.0 157.4





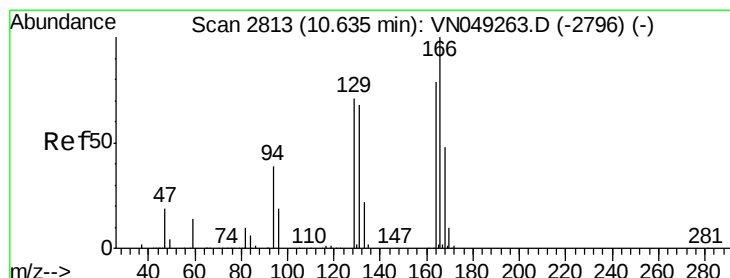
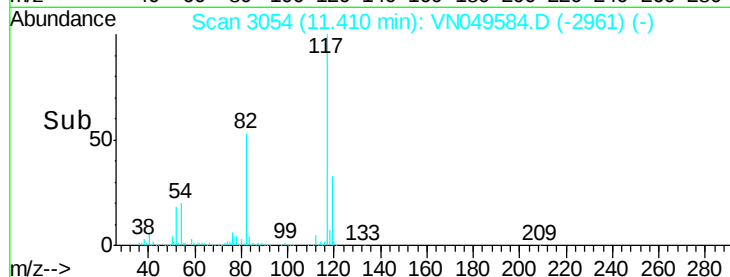
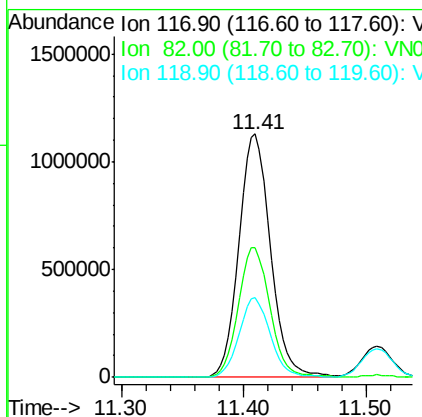
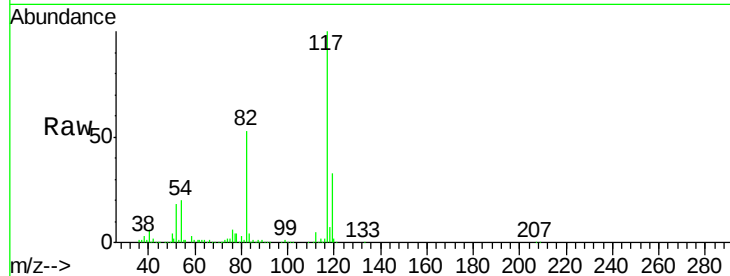
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion:117 Resp: 2016893
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 32.6 25.5 38.3

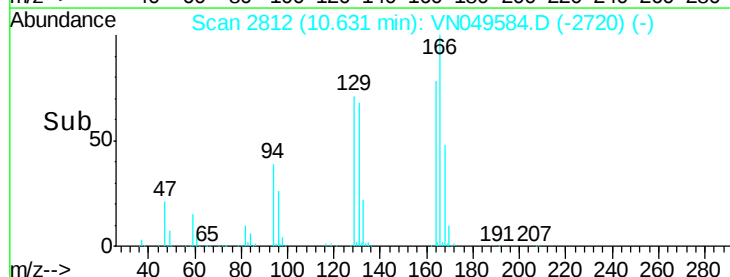
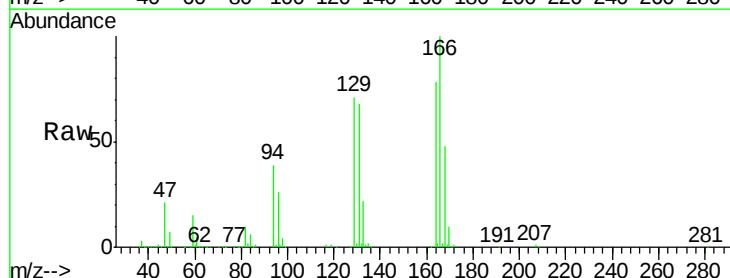
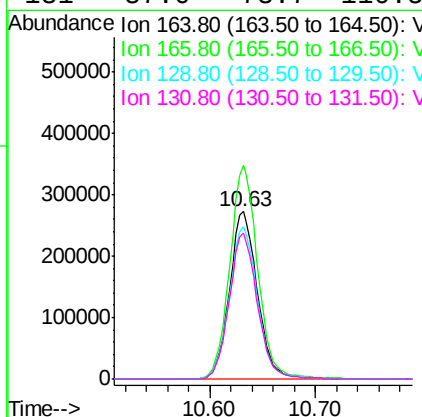
Manual Integrations
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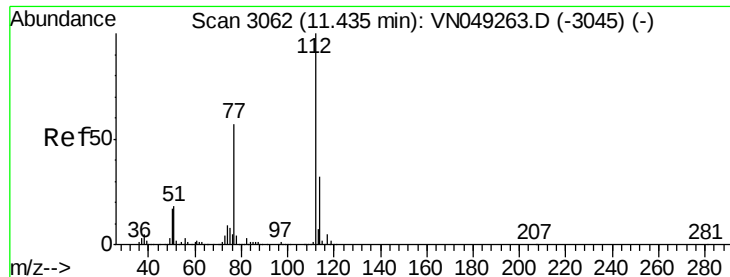
MMDadoda
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#64
Tetrachloroethene
Concen: 24.13 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion:164 Resp: 498781
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.2
129 91.0 74.1 111.1
131 87.0 73.7 110.5





#65

Chlorobenzene

Concen: 18.99 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion:112 Resp: 986539

Ion Ratio Lower Upper

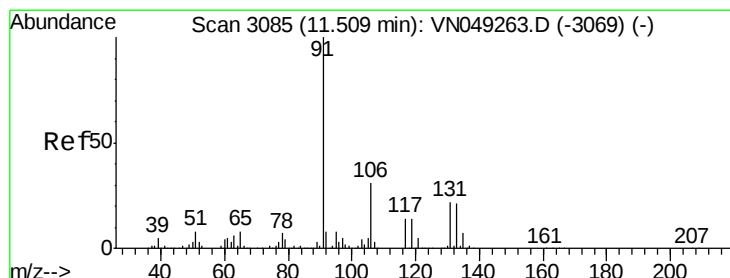
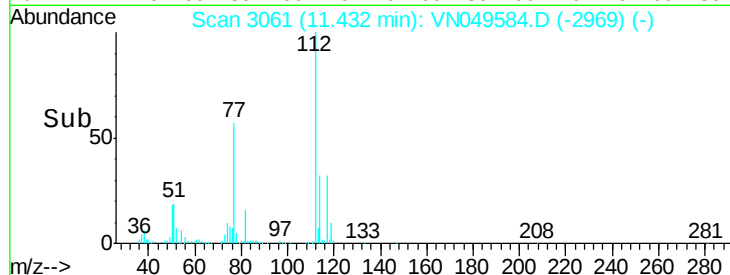
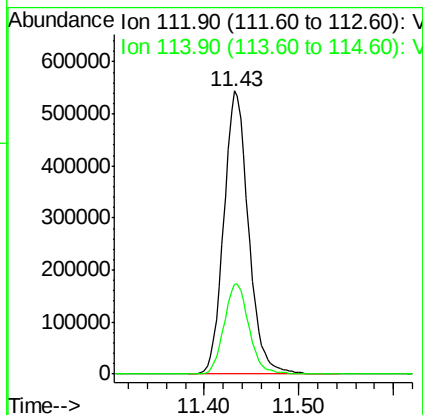
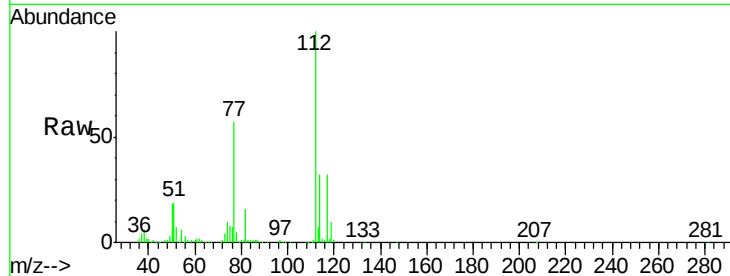
112 100

114 31.8 26.2 39.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.35 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

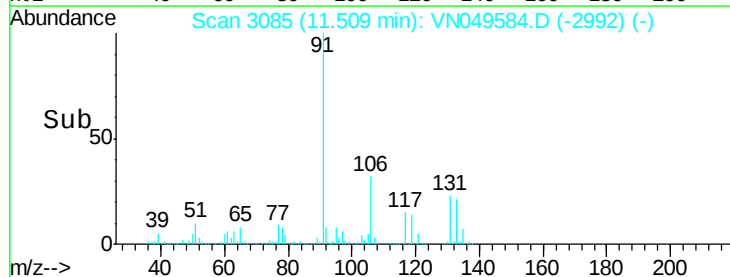
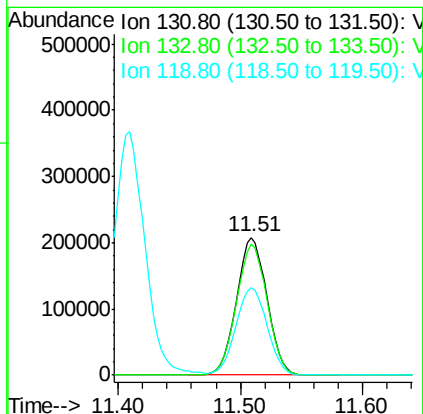
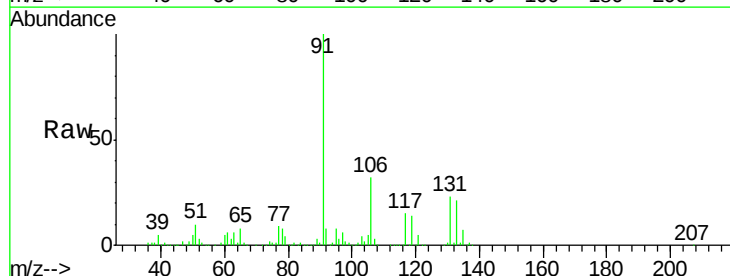
Tgt Ion:131 Resp: 358698

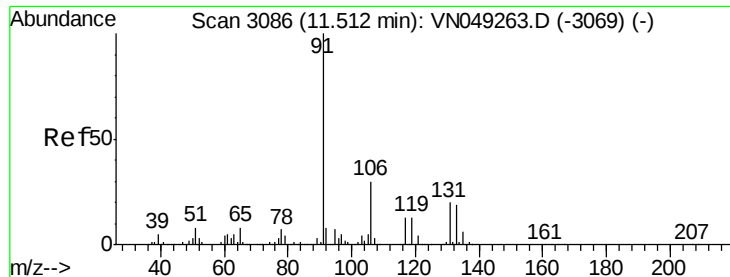
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

119 64.9 33.6 100.8





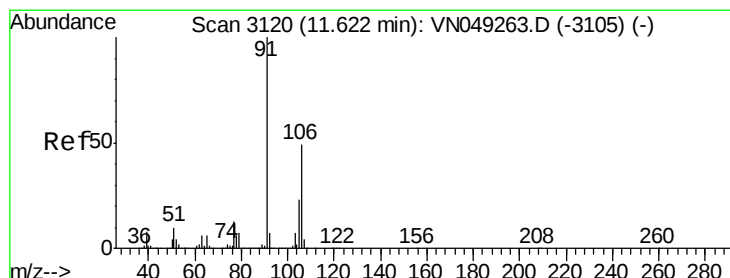
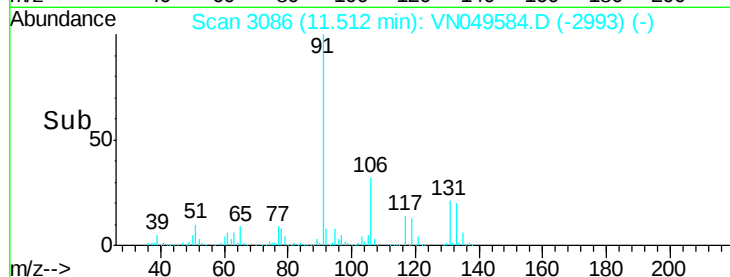
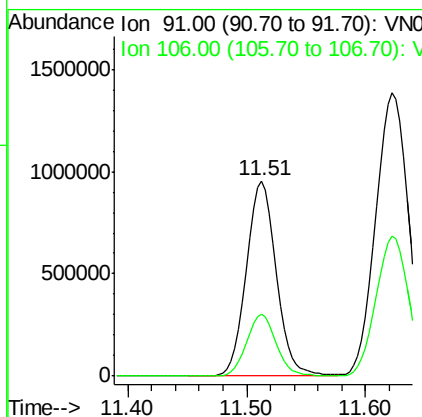
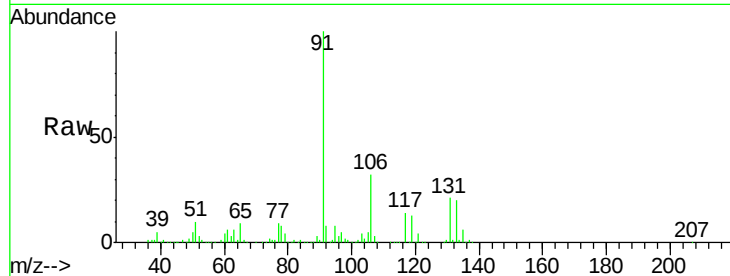
#67
Ethyl Benzene
Concen: 19.35 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion: 91 Resp: 1667873
Ion Ratio Lower Upper
91 100
106 31.9 23.9 35.9

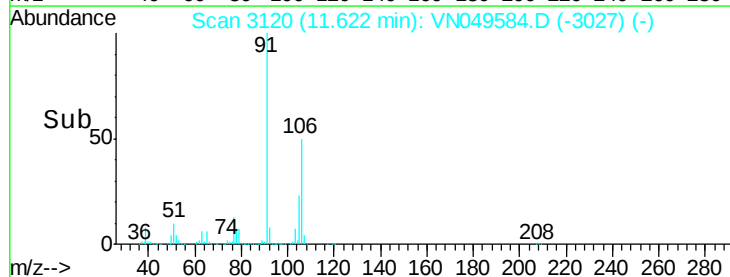
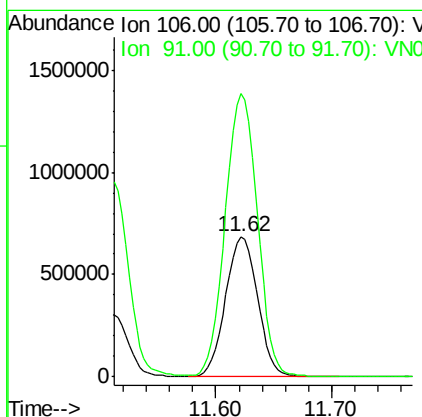
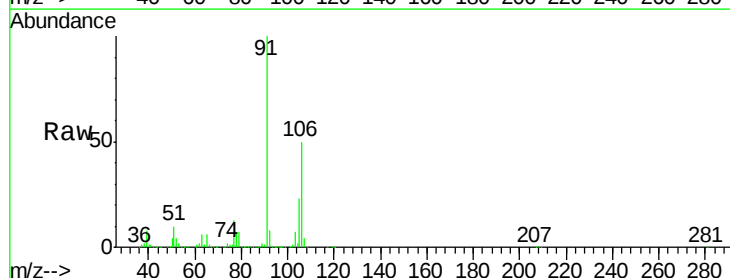
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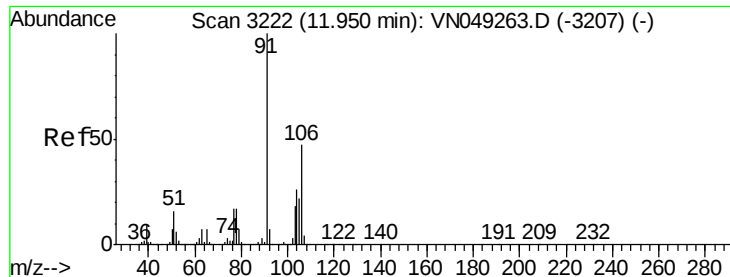
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#68
m/p-Xylenes
Concen: 40.77 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion: 106 Resp: 1318639
Ion Ratio Lower Upper
106 100
91 203.5 167.3 250.9





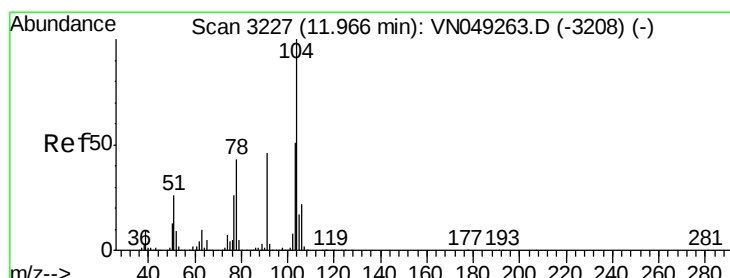
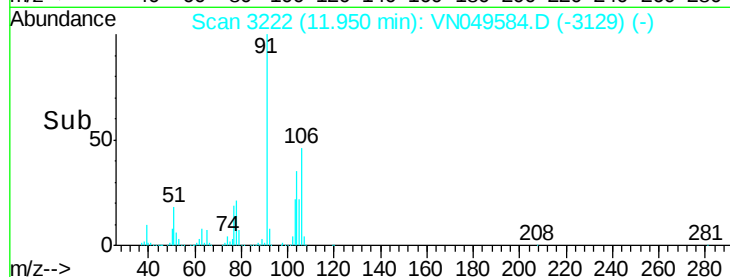
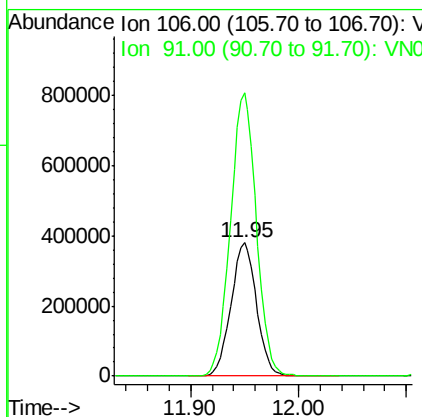
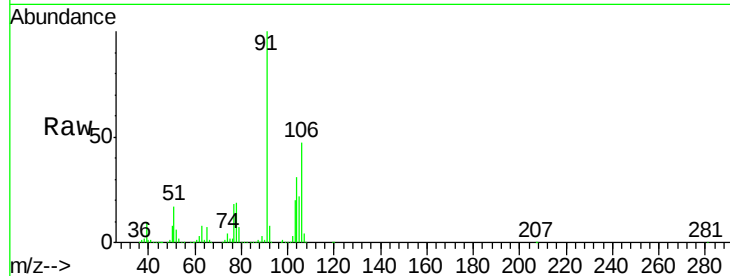
#69
o-Xylene
Concen: 20.17 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion:106 Resp: 628470
Ion Ratio Lower Upper
106 100
91 214.8 111.0 333.0

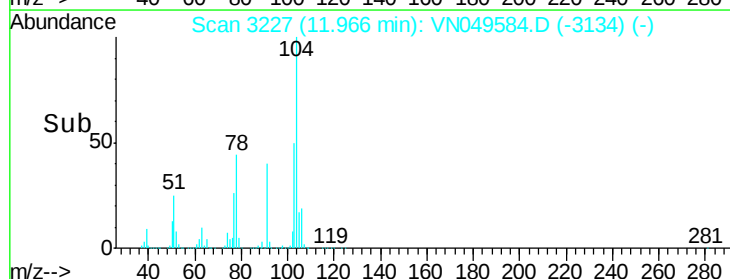
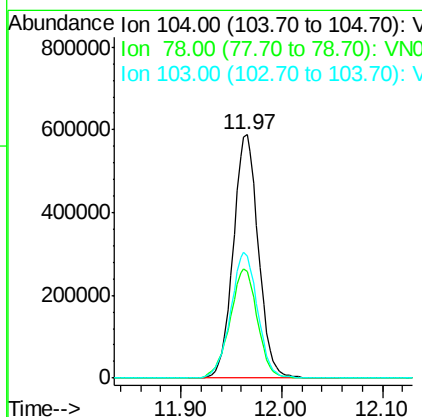
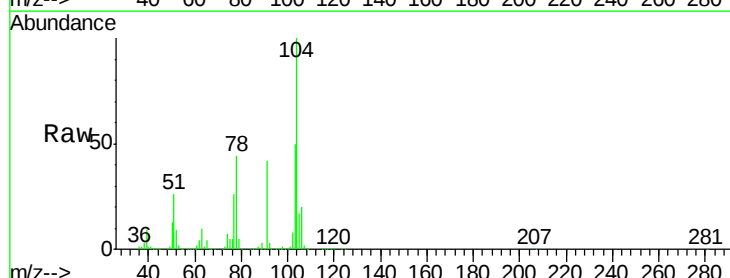
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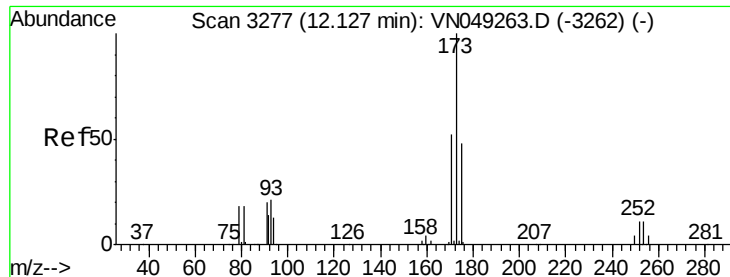
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#70
Styrene
Concen: 20.76 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion:104 Resp: 1020224
Ion Ratio Lower Upper
104 100
78 48.8 41.6 62.4
103 55.5 45.4 68.2





#71

Bromoform

Concen: 18.47 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

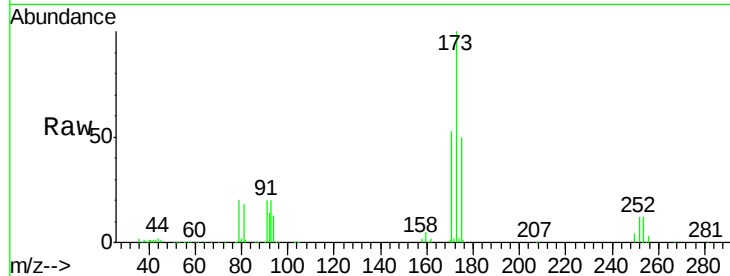
ClientSampleId :

VN0628WBS01

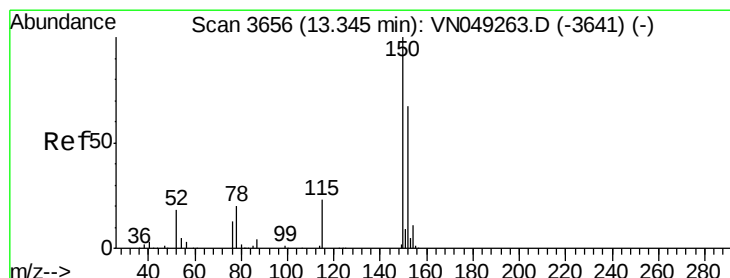
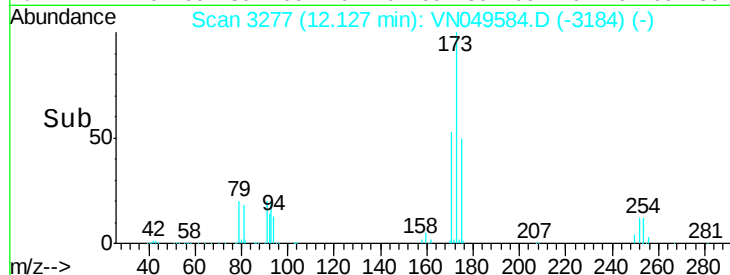
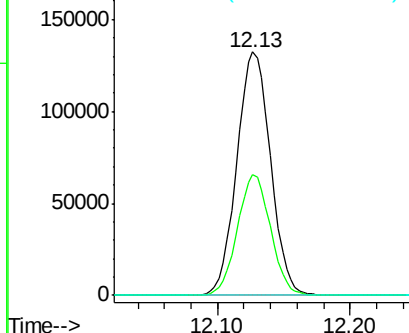
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.1	0.1	0.1

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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

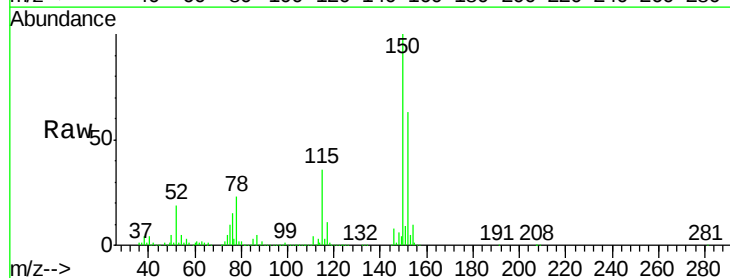
RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

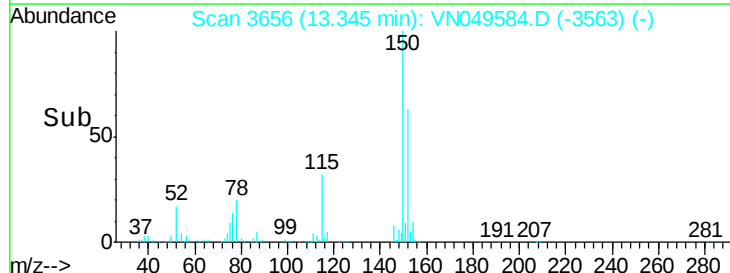
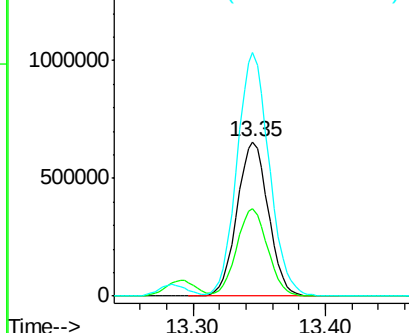
Lab File: VN049584.D

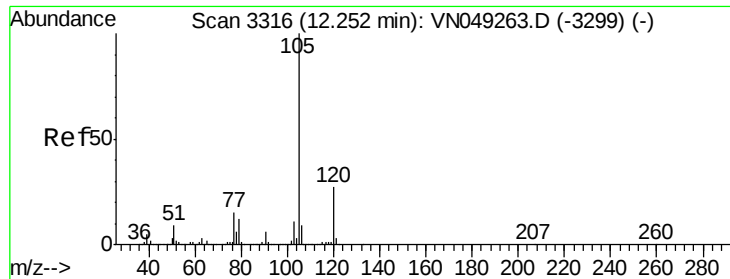
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.7	86.1
150	162.5	0.0	351.0



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





#73

Isopropylbenzene

Concen: 17.43 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion:105 Resp: 1641703

Ion Ratio Lower Upper

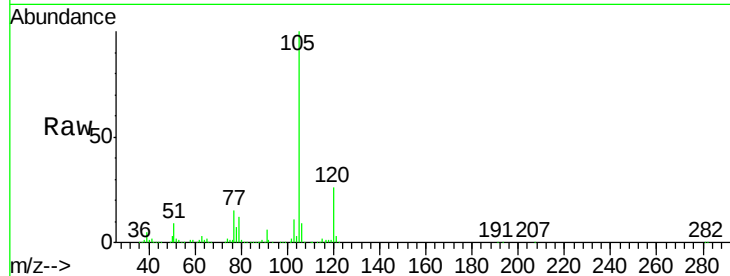
105 100

120 26.5 12.8 38.3

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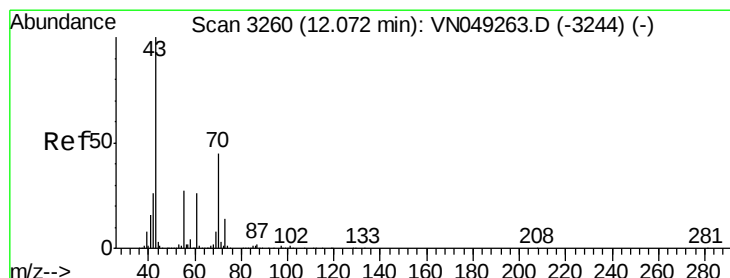
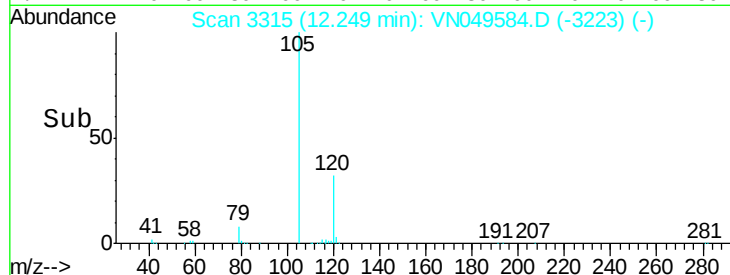
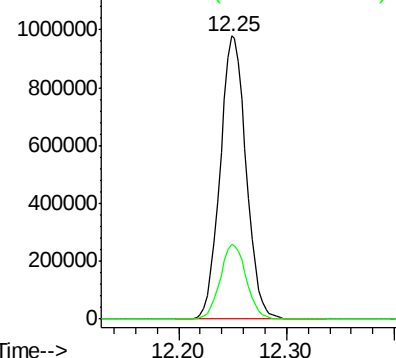
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.66 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion: 43 Resp: 430517

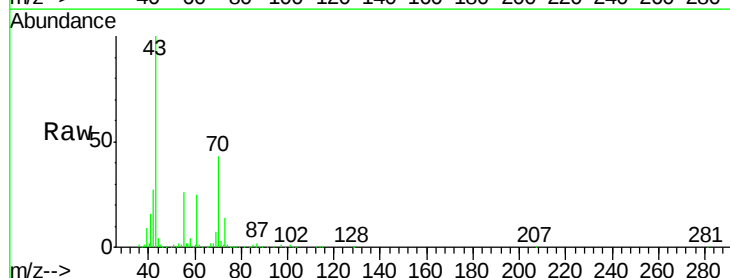
Ion Ratio Lower Upper

43 100

70 44.1 30.3 45.5

55 26.5 19.4 29.2

61 25.2 17.8 26.6

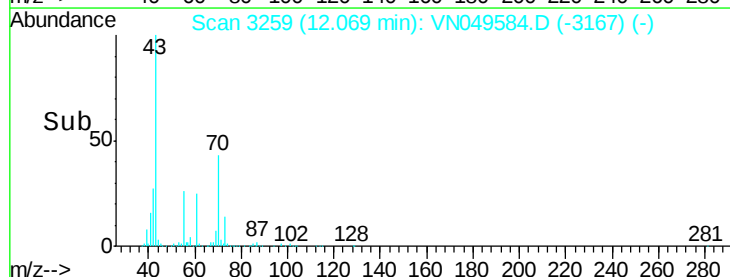
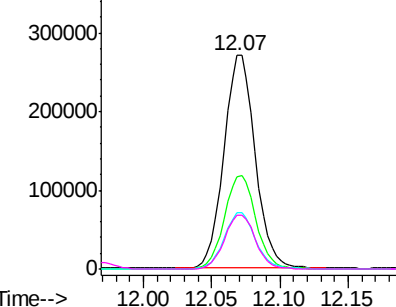


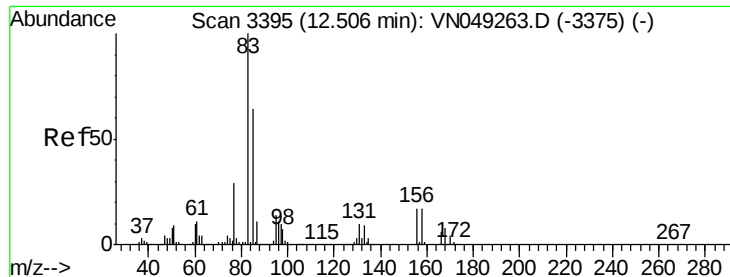
Abundance Ion 43.00 (42.70 to 43.70): V

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: 16.60 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion: 83 Resp: 350582

Ion Ratio Lower Upper

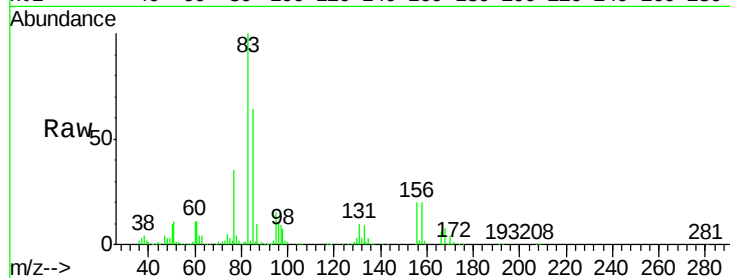
83 100

131 10.6 5.0 15.0

85 64.3 32.0 96.0

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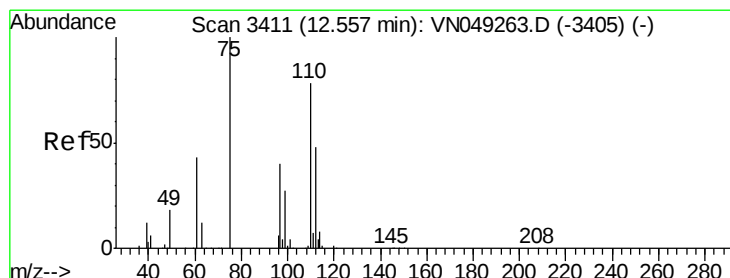
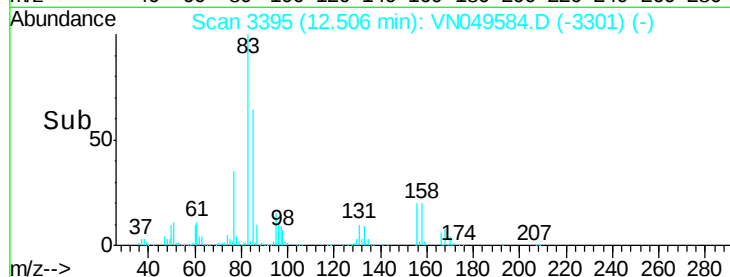
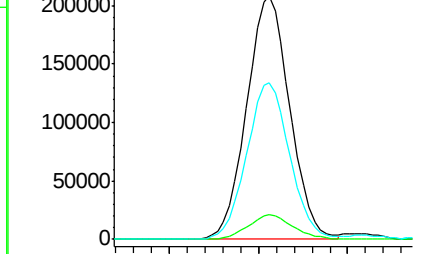
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 17.77 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049584.D

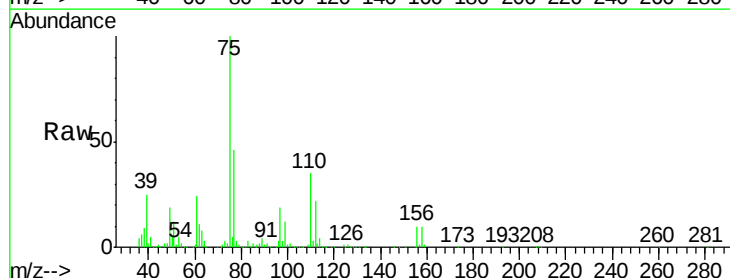
Acq: 28 Jun 2018 12:50

Tgt Ion: 75 Resp: 325185

Ion Ratio Lower Upper

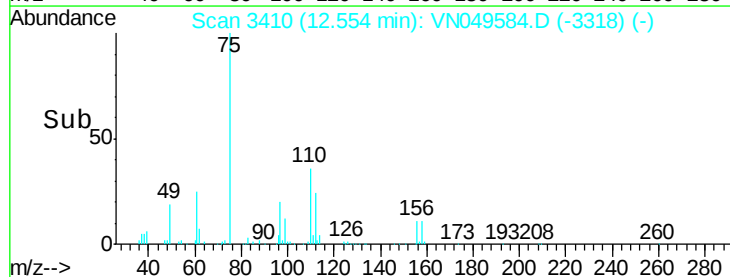
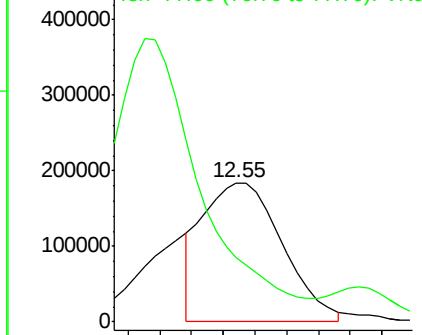
75 100

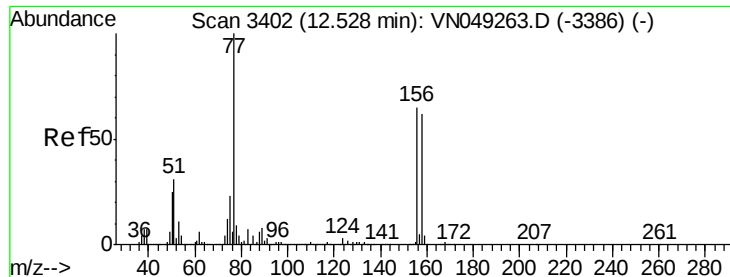
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 16.83 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

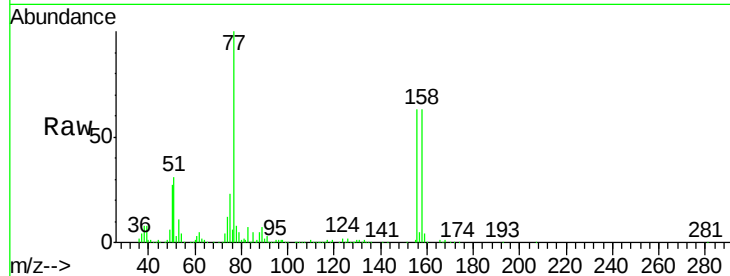
ClientSampleId :

VN0628WBS01

Tot Ion:	156	Resp:	418657
Ion Ratio	Lower	Upper	
156	100		
77	180.7	100.8	302.4
158	99.3	49.3	147.9

Manual Integrations
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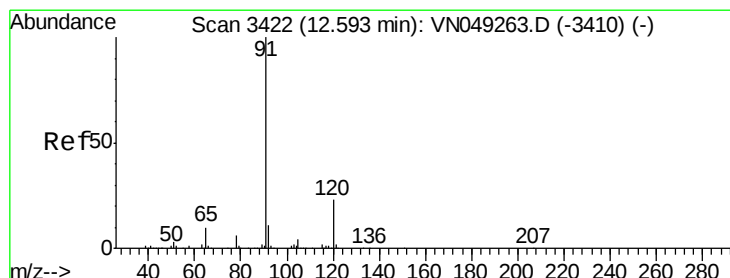
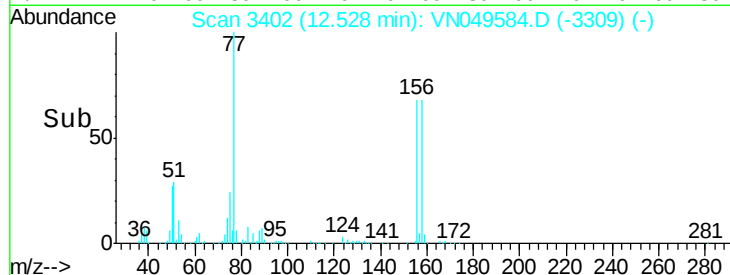
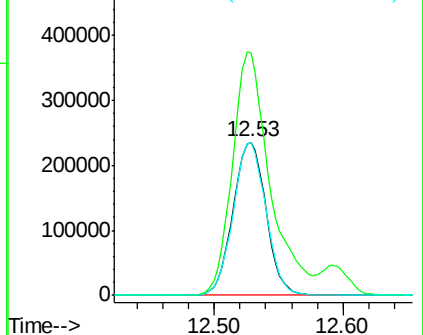
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.60 ug/l

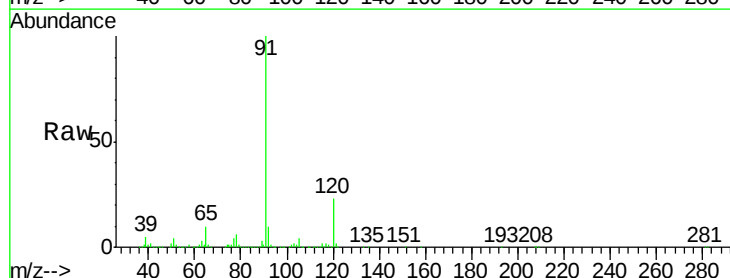
RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049584.D

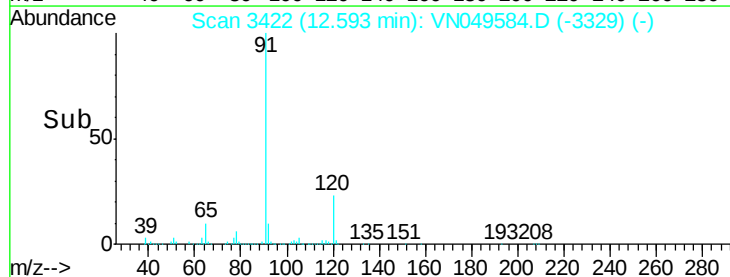
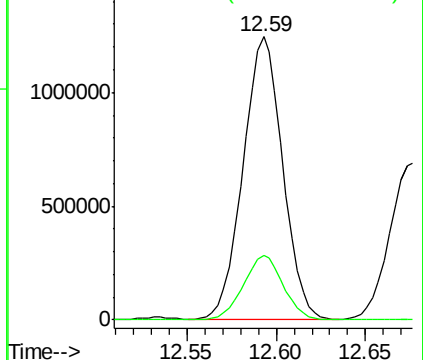
Acq: 28 Jun 2018 12:50

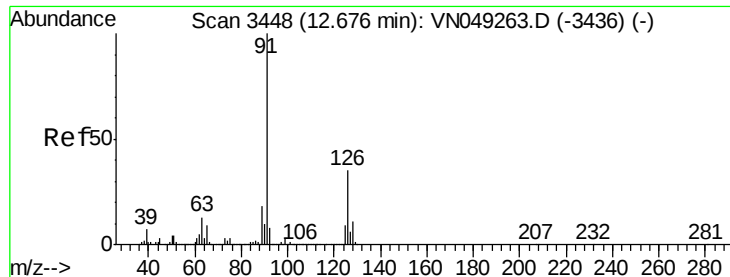
Tgt Ion:	91	Resp:	1923784
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.76 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0628WBS01

Tot Ion: 91 Resp: 1163657

Ion Ratio Lower Upper

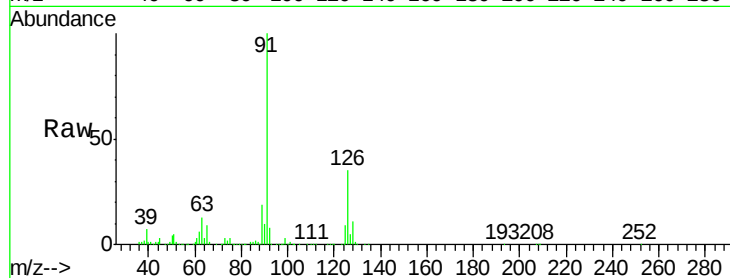
91 100

126 34.6 16.6 49.8

Manual Integrations
APPROVED

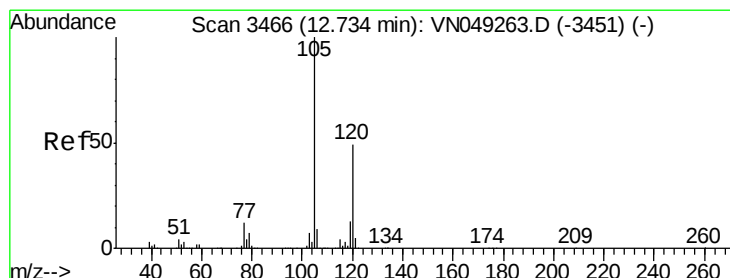
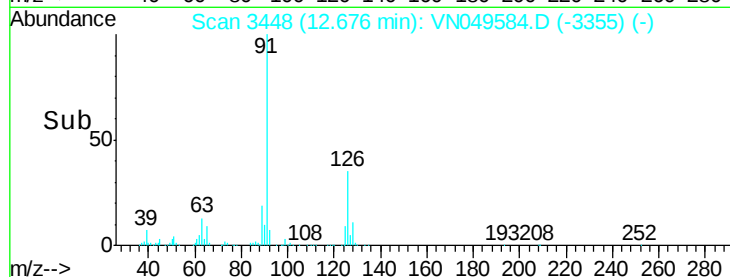
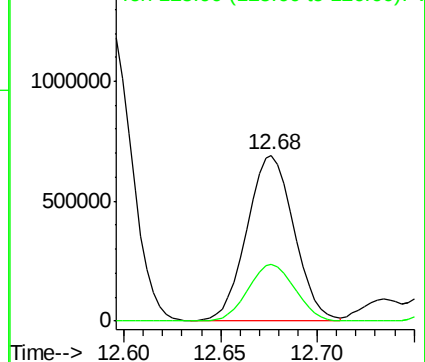
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Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 19.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049584.D

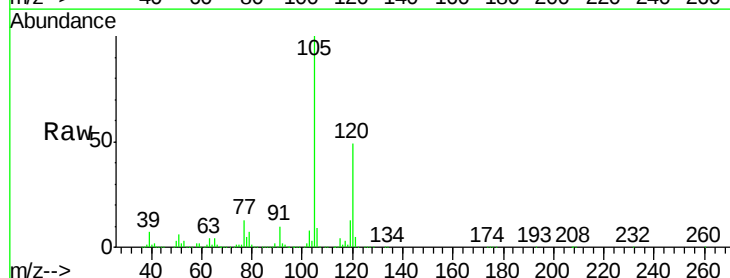
Acq: 28 Jun 2018 12:50

Tgt Ion: 105 Resp: 1410446

Ion Ratio Lower Upper

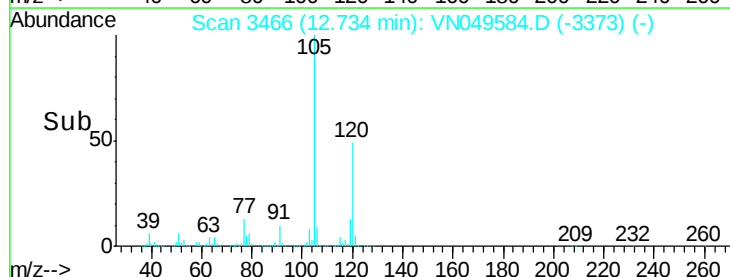
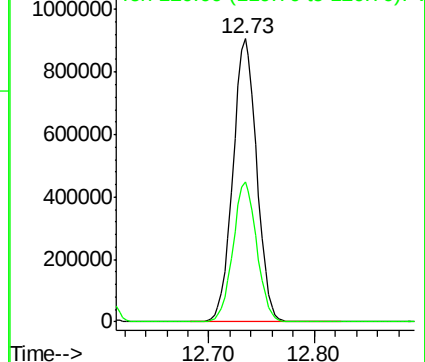
105 100

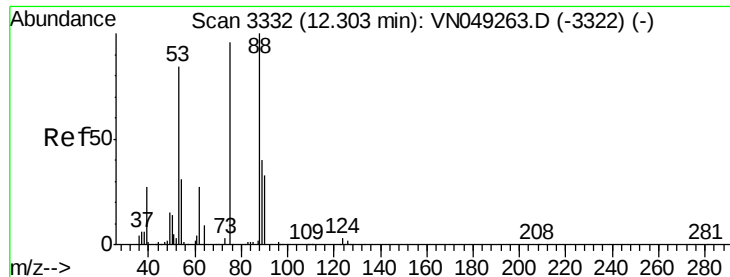
120 49.4 23.5 70.5



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 15.52 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

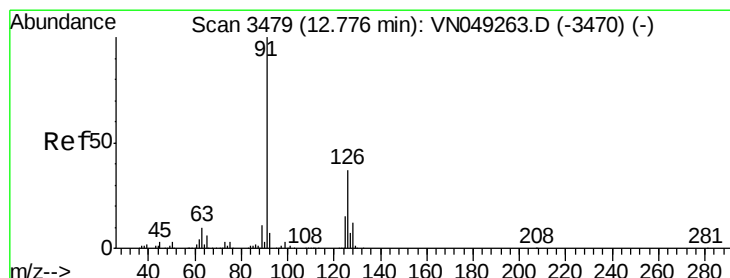
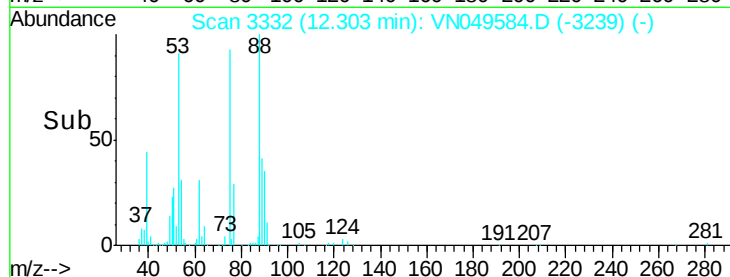
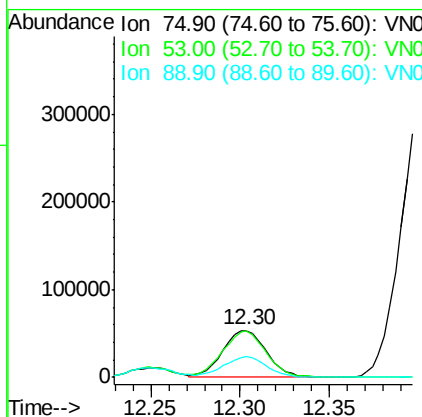
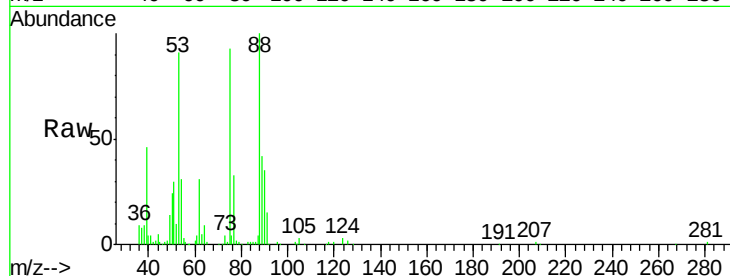
ClientSampleId :

VN0628WBS01

Tot Ion:	75	Resp:	89885
Ion Ratio	Lower	Upper	
75	100		
53	100.1	82.7	124.1
89	44.9	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.76 ug/l

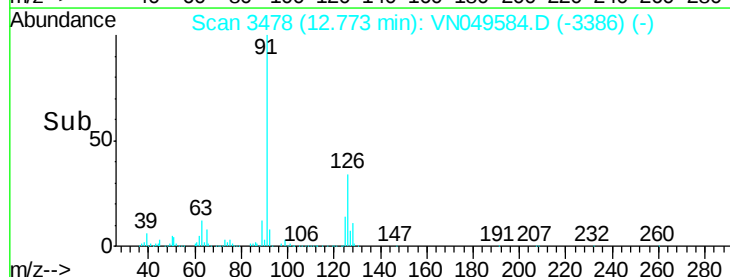
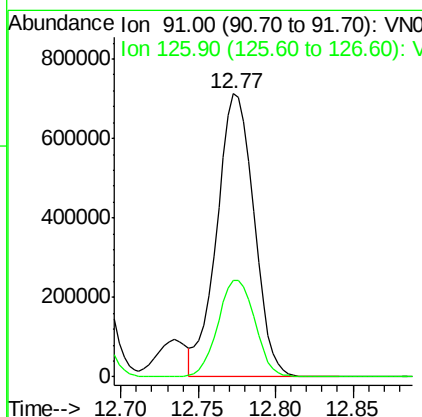
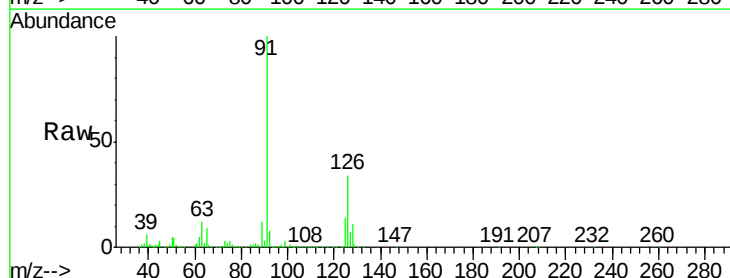
RT: 12.77 min Scan# 3478

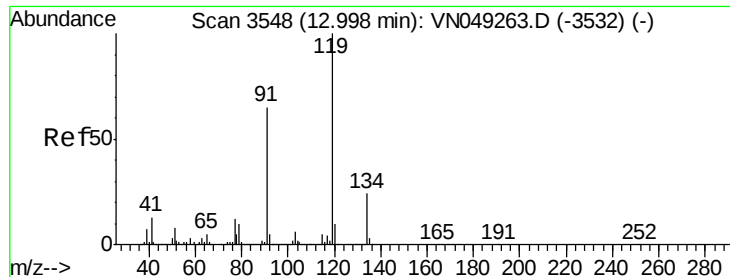
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	91	Resp:	1186163
Ion Ratio	Lower	Upper	
91	100		
126	34.1	16.4	49.1





#83

tert-Butylbenzene

Concen: 17.71 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0628WBS01

Tot Ion:119 Resp: 1161348

Ion Ratio Lower Upper

119 100

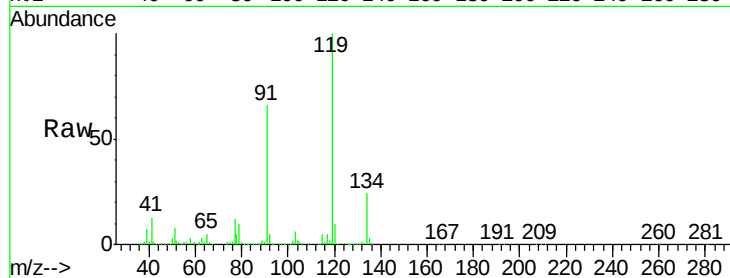
91 65.0 33.7 101.0

134 25.7 12.9 38.6

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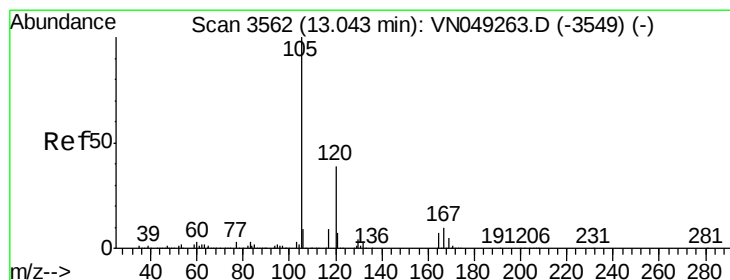
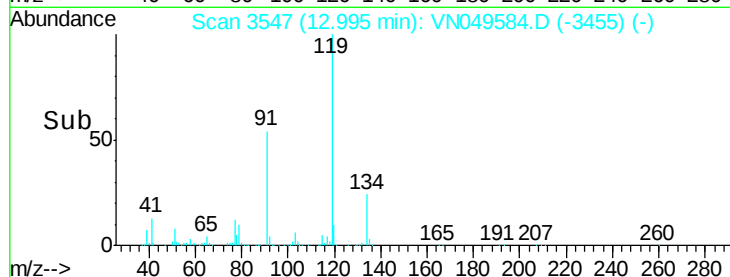
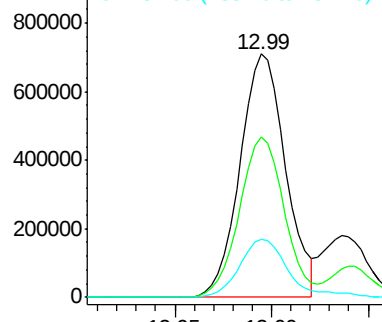
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.62 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049584.D

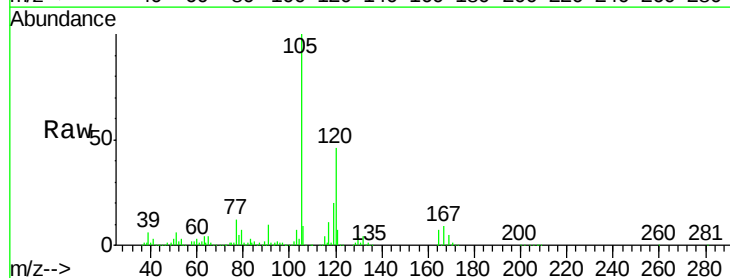
Acq: 28 Jun 2018 12:50

Tgt Ion:105 Resp: 1443325

Ion Ratio Lower Upper

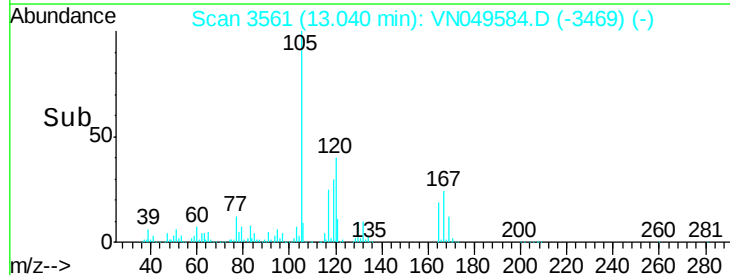
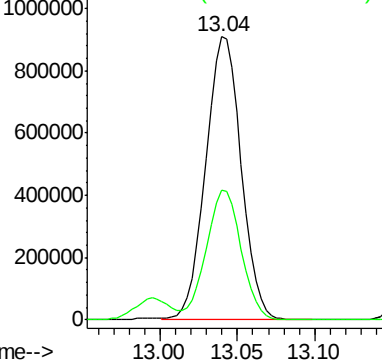
105 100

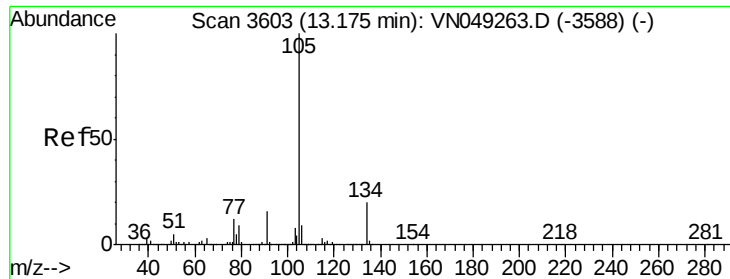
120 44.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.19 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

VN0628WBS01

Tot Ion:105 Resp: 1587704

Ion Ratio Lower Upper

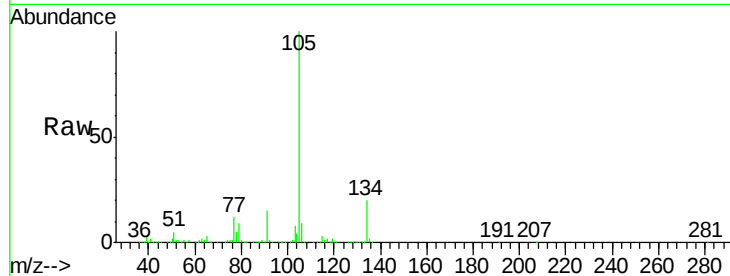
105 100

134 20.1 9.8 29.3

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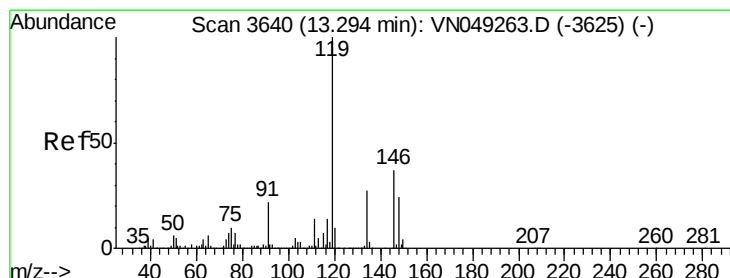
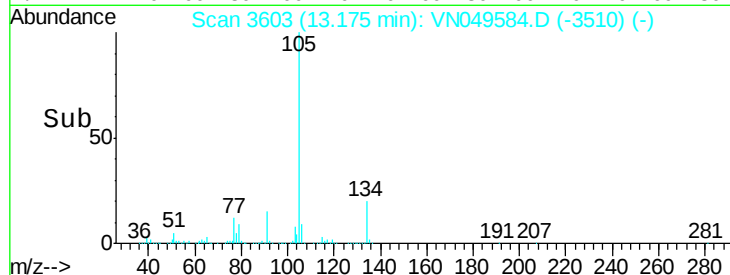
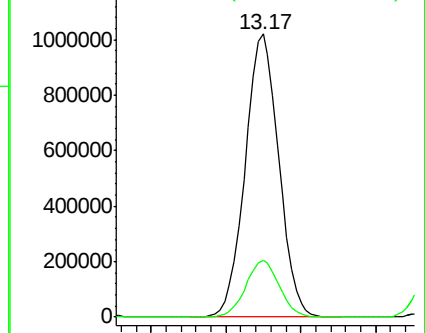
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.00 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

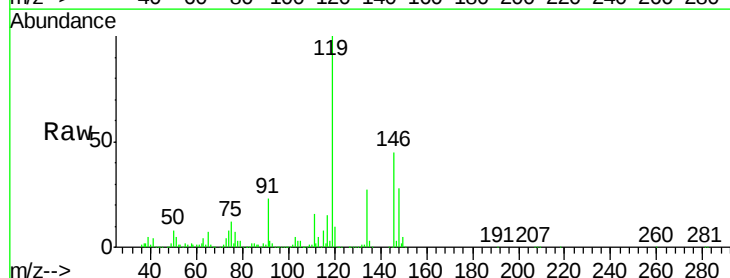
Tgt Ion:119 Resp: 1386026

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

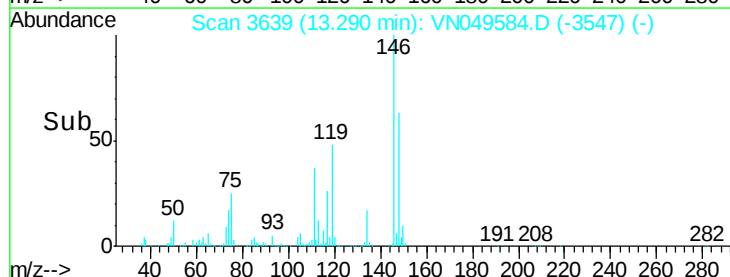
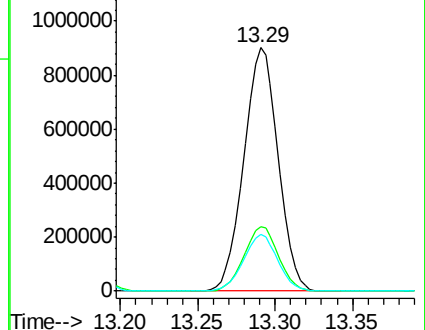
91 23.2 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.93 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Instrument :

MSVOA_N

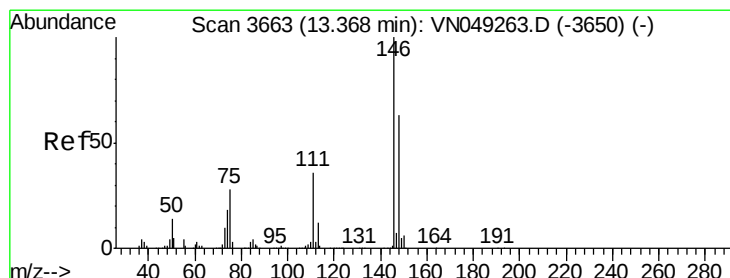
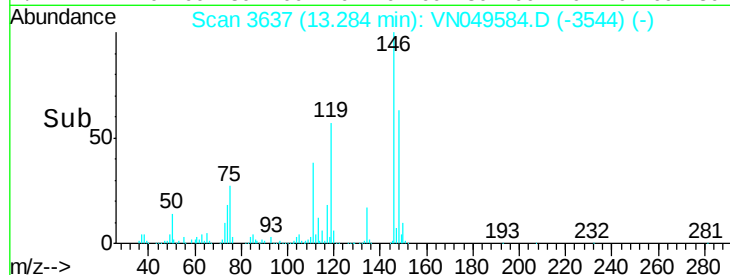
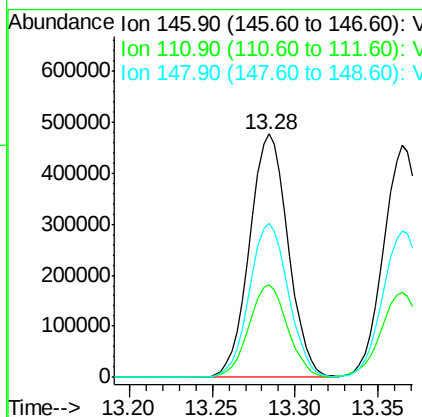
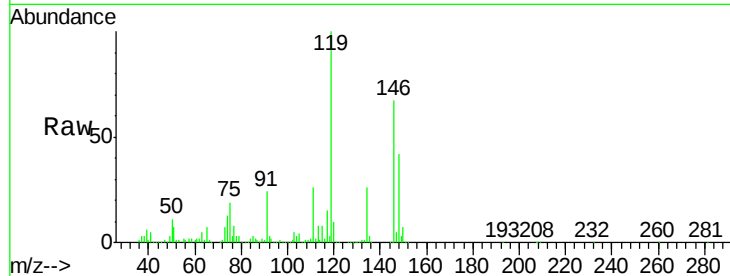
ClientSampleId :

VN0628WBS01

Tot Ion:	146	Resp:	774895
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.9	59.6
148	64.0	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.40 ug/l

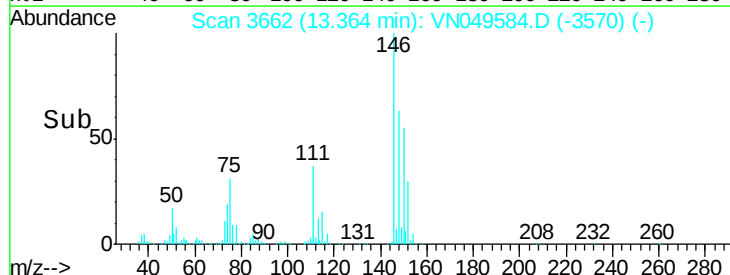
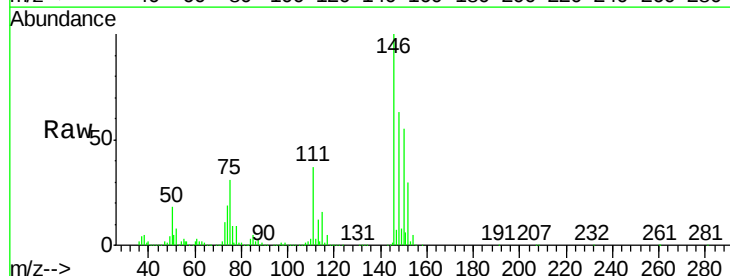
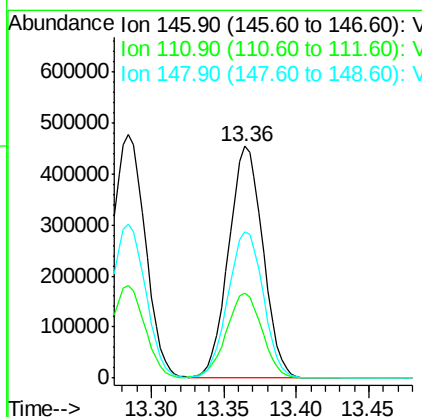
RT: 13.36 min Scan# 3662

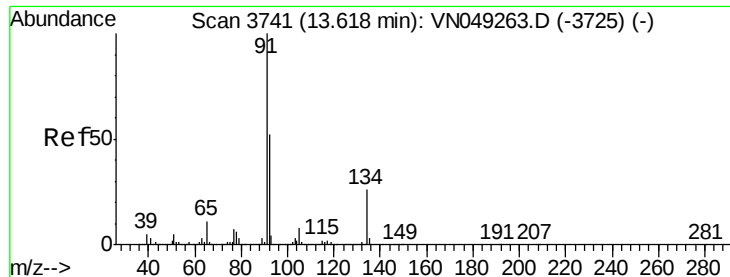
Delta R.T. -0.00 min

Lab File: VN049584.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	146	Resp:	746643
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.1	57.1
148	64.7	32.0	96.2





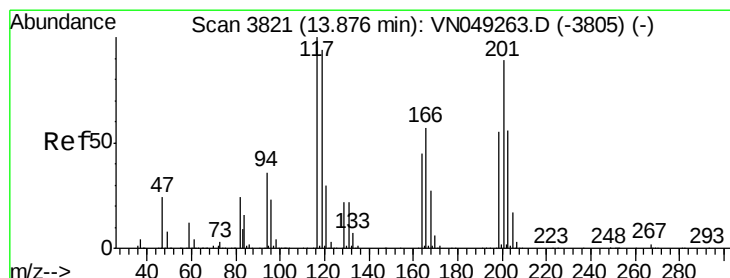
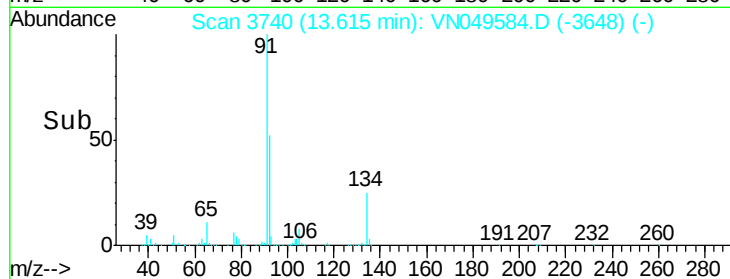
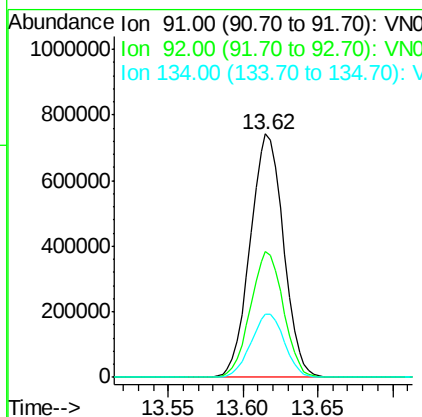
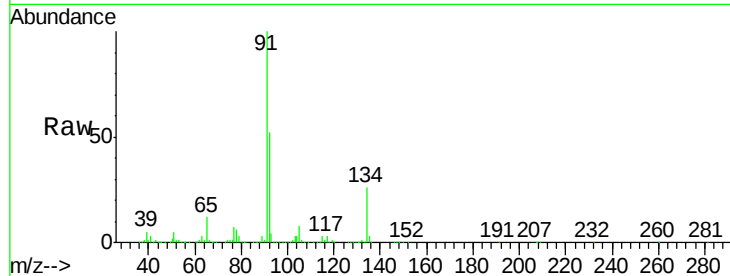
#89
n-Butylbenzene
Concen: 20.16 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.1	75.4
134	26.1	12.0	36.0

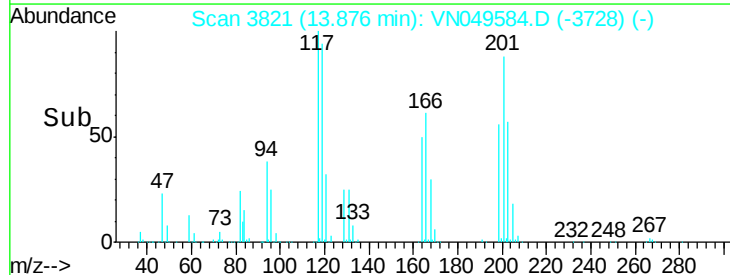
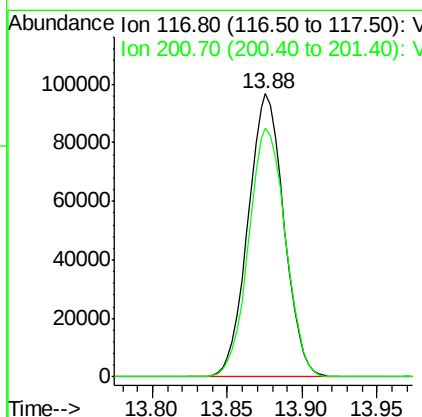
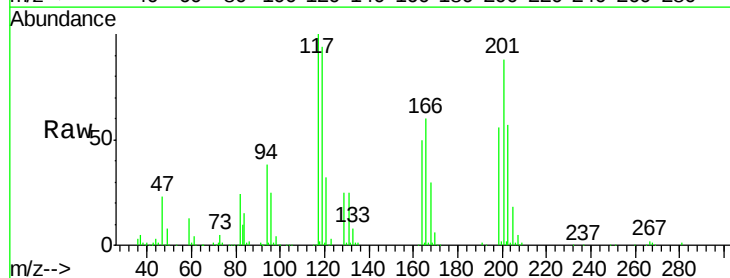
Manual Integrations
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#90
Hexachloroethane
Concen: 10.38 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	40.1	120.2





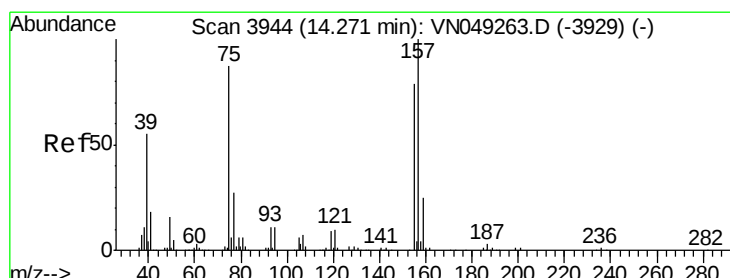
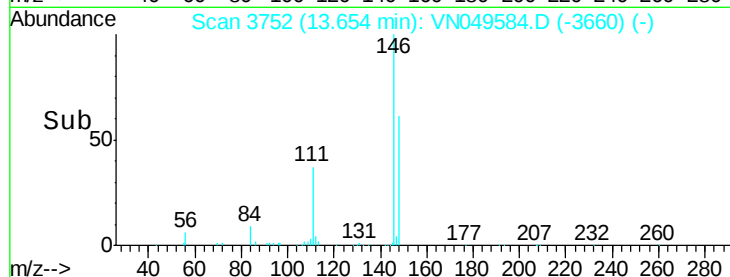
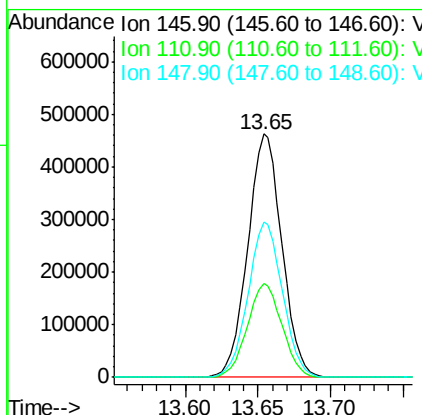
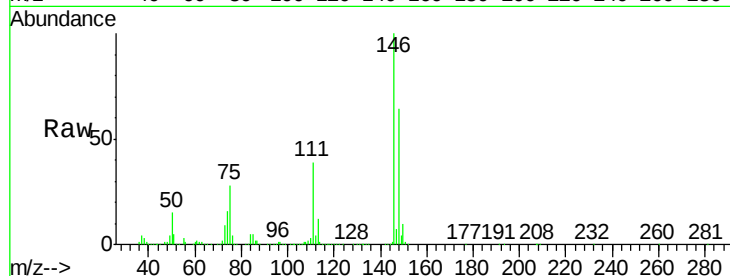
#91
 1,2-Dichlorobenzene
 Concen: 18.85 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.3	32.0	96.2

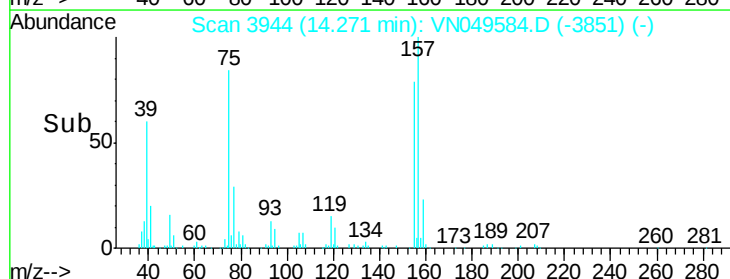
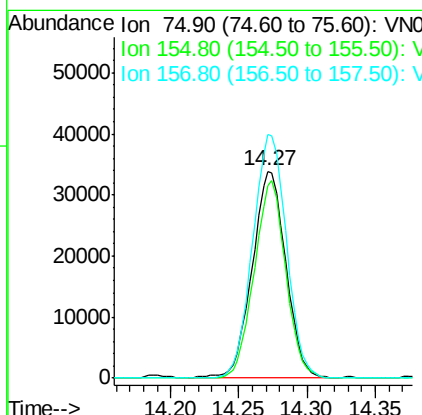
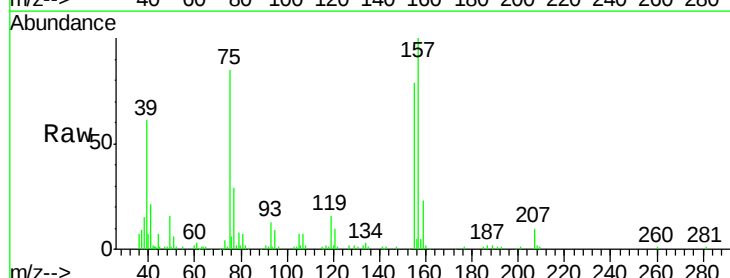
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.71 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	38.8	116.3
157	118.0	51.0	153.1





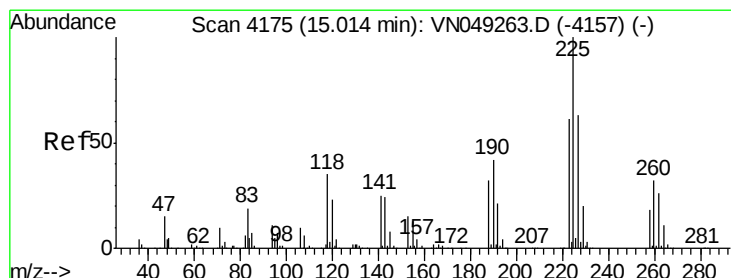
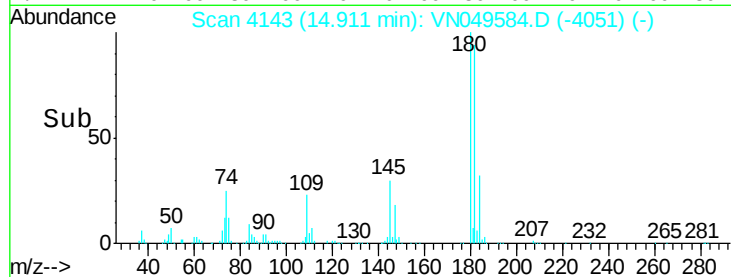
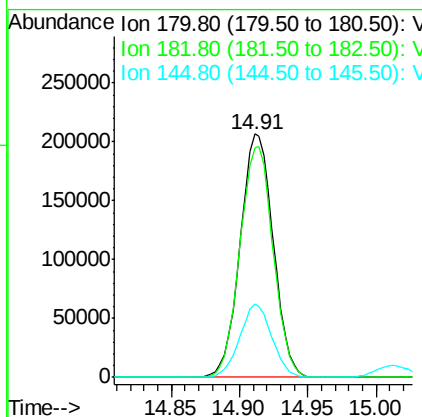
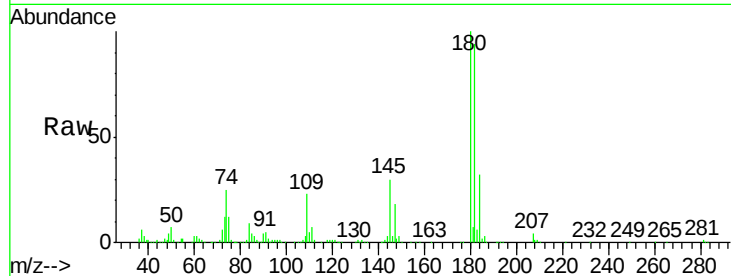
#93
 1,2,4-Trichlorobenzene
 Concen: 21.83 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	347279		
182	95.3	46.9	140.8	
145	29.2	14.7	44.1	

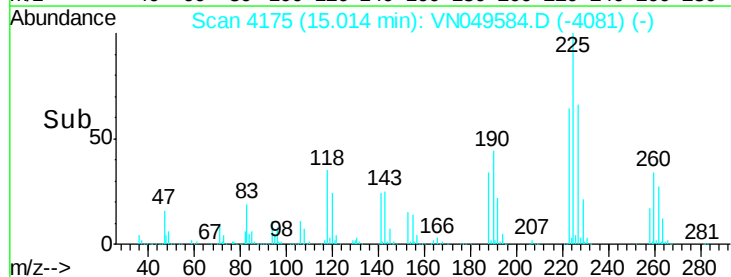
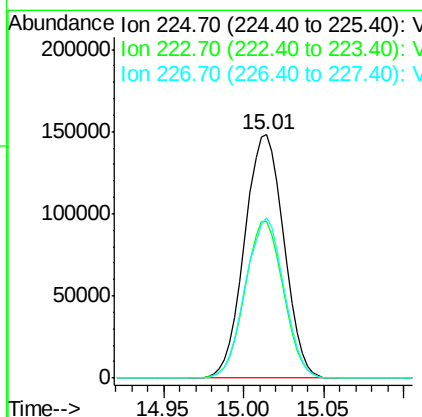
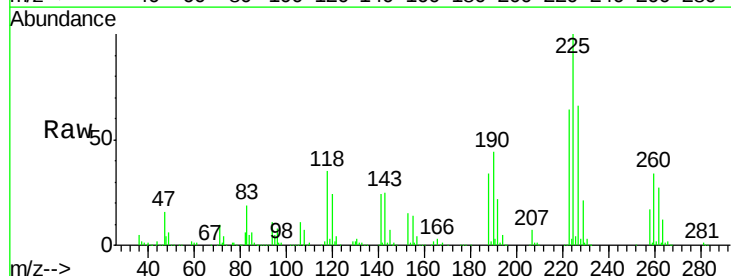
Manual Integrations
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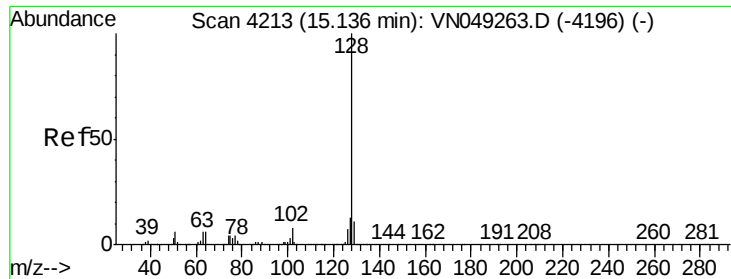
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#94
 Hexachlorobutadiene
 Concen: 19.48 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049584.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248251		
223	63.3	32.1	96.3	
227	64.8	31.8	95.3	





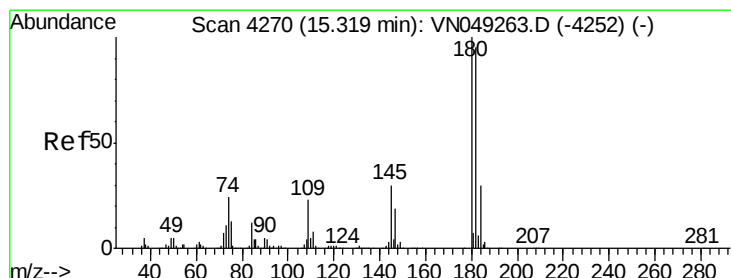
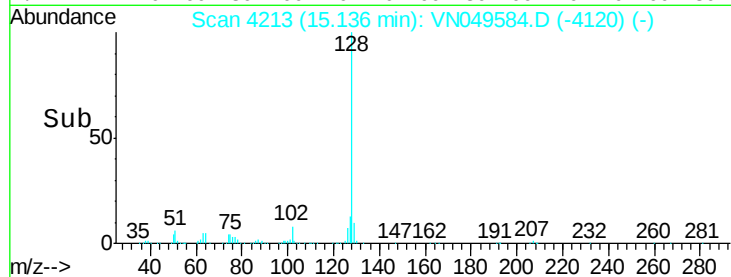
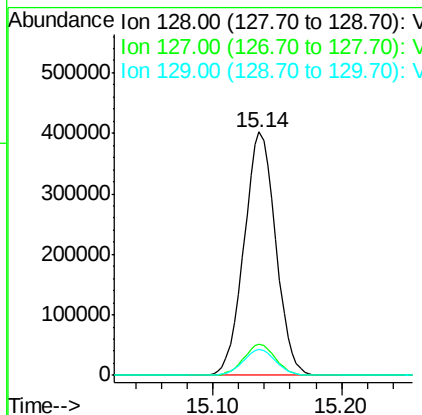
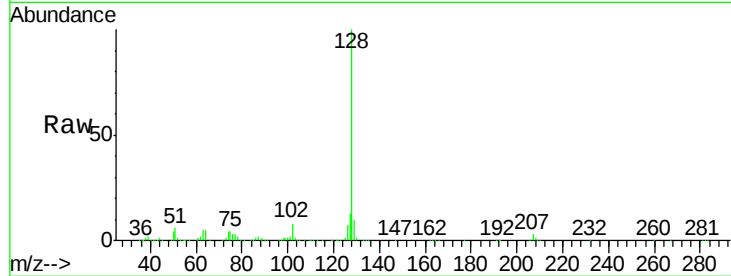
#95
Naphthalene
Concen: 23.75 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	686270		
127	12.8	10.6	16.0	
129	10.9	8.5	12.7	

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#96
1,2,3-Trichlorobenzene
Concen: 21.08 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049584.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	340478		
182	96.7	47.3	141.8	
145	31.2	15.6	46.7	

