

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049390.D
 Acq On : 19 Jun 2018 17:20
 Operator : MD\SY
 Sample : PB110363ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 04:31:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1201438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1552058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	814875	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.59	113	698761	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
50) Toluene-d8	10.09	98	2585008	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.41	95	651939	33.42	ug/l	0.00
Spiked Amount			Recovery	=	66.84%	

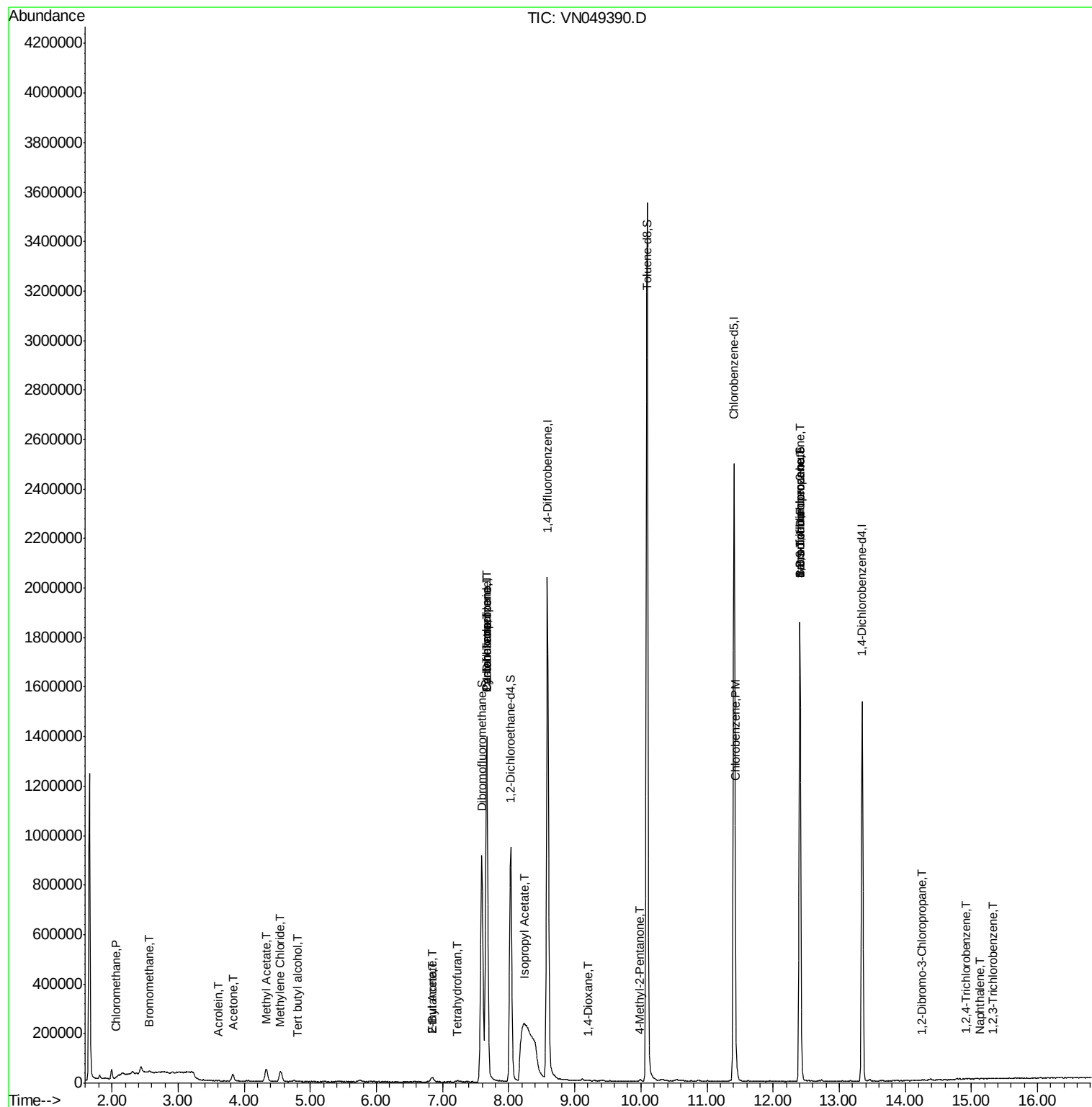
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4086	0.23	ug/l	99
5) Bromomethane	2.57	94	3976	0.40	ug/l	85
11) Tert butyl alcohol	4.80	59	334	0.36	ug/l #	70
13) Acrolein	3.61	56	719	0.73	ug/l #	81
16) Acetone	3.83	43	47711	12.33	ug/l	99
18) Methyl Acetate	4.33	43	100497	8.52	ug/l	95
20) Methylene Chloride	4.55	84	30785	1.91	ug/l	96
25) 2-Butanone	6.86	43	7158	1.38	ug/l	92
29) Tetrahydrofuran	7.22	42	4366	1.31	ug/l #	86
31) Cyclohexane	7.67	56	21131	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83462	3.80	ug/l #	51
37) Ethyl Acetate	6.86	43	7235	0.61	ug/l #	79
38) Carbon Tetrachloride	7.67	117	106226	4.67	ug/l #	16
43) Isopropyl Acetate	8.23	43	300361	13.17	ug/l #	64
49) 1,4-Dioxane	9.21	88	213	1.44	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5647	0.47	ug/l	94
65) Chlorobenzene	11.44	112	23461	0.59	ug/l	94
71) Bromoform	12.41	173	4321	0.44	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	258	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.41	75	319691	43.15	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	319691	136.39	ug/l #	9
90) Hexachloroethane	13.89	117	30	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.25	75	345	0.26	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	863	4.85	ug/l #	72
94) Hexachlorobutadiene	15.01	225	64	Below	Cal #	1
95) Naphthalene	15.14	128	1957	2.24	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.32	180	1028	3.59	ug/l #	42

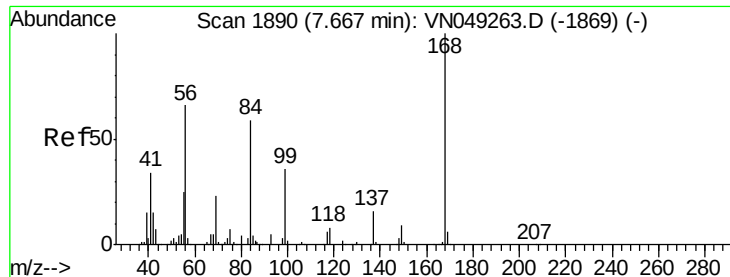
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049390.D
Acq On : 19 Jun 2018 17:20
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Sample : PB110363ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 04:31:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

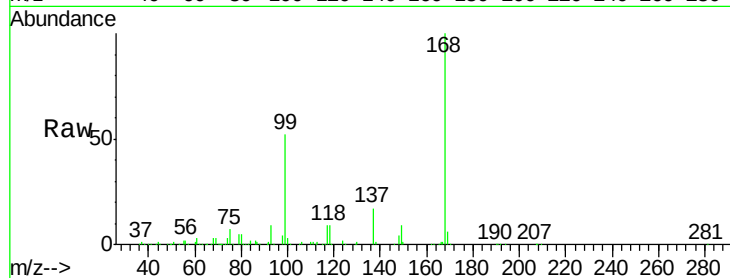
ClientSampleId :

Tot Ion:168 Resp: 1201438

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

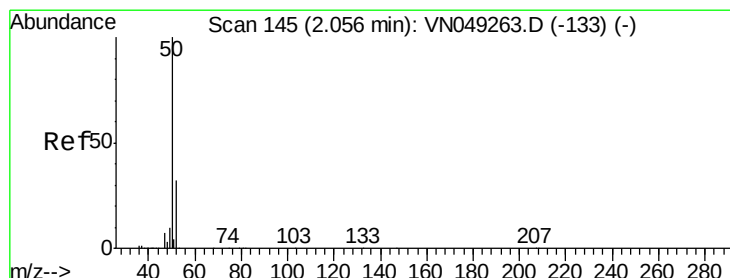
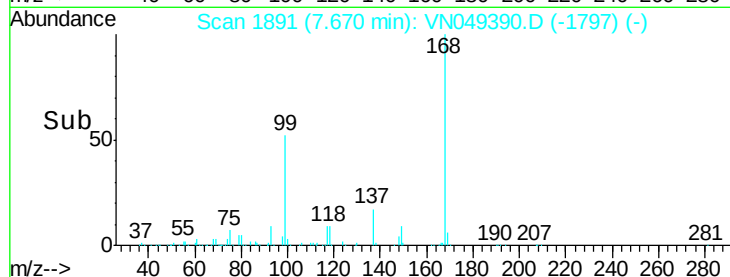
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049390.D

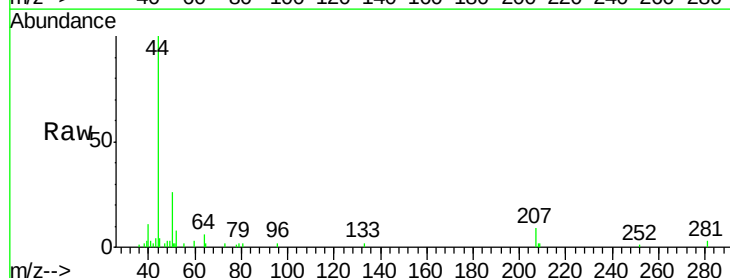
Acq: 19 Jun 2018 17:20

Tgt Ion: 50 Resp: 4086

Ion Ratio Lower Upper

50 100

52 31.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

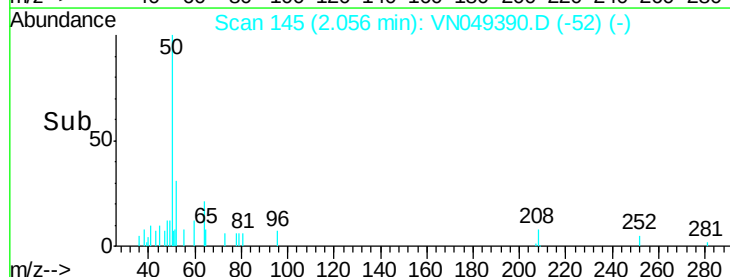
3000

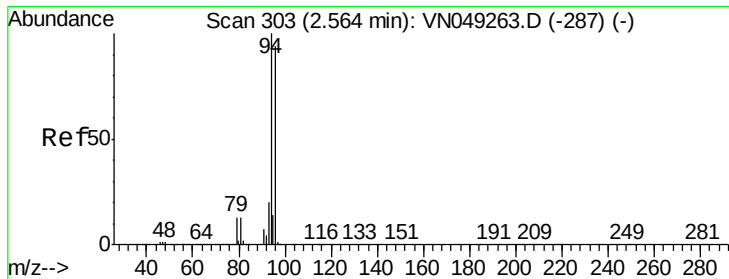
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.40 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

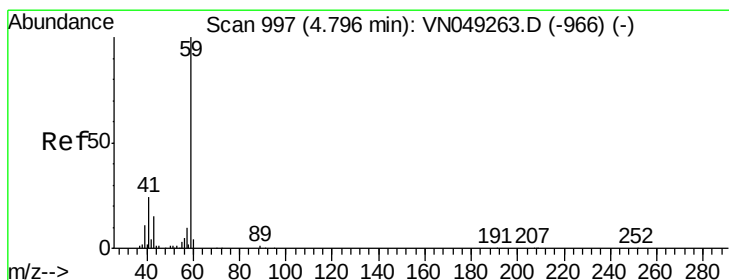
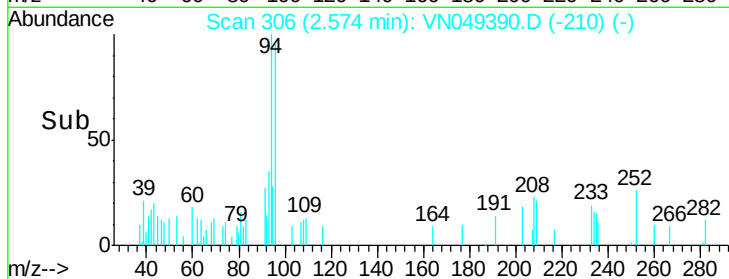
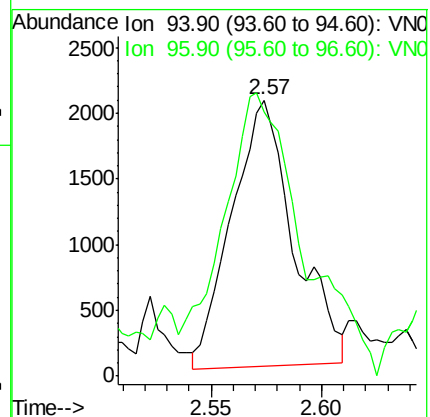
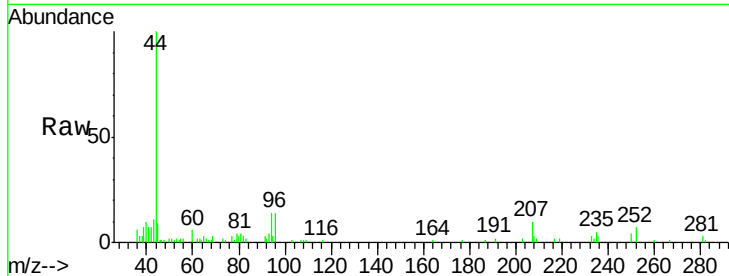
ClientSampled :

Tot Ion: 94 Resp: 3976

Ion Ratio Lower Upper

94 100

96 77.2 72.8 109.2



#11

Tert butyl alcohol

Concen: 0.36 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049390.D

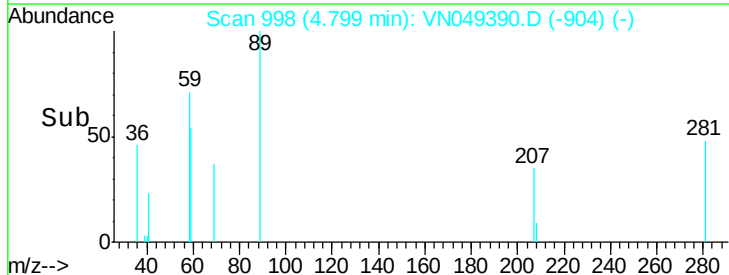
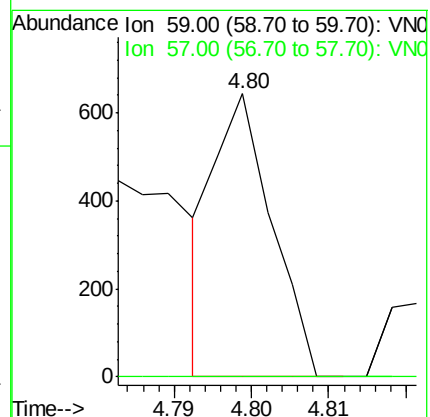
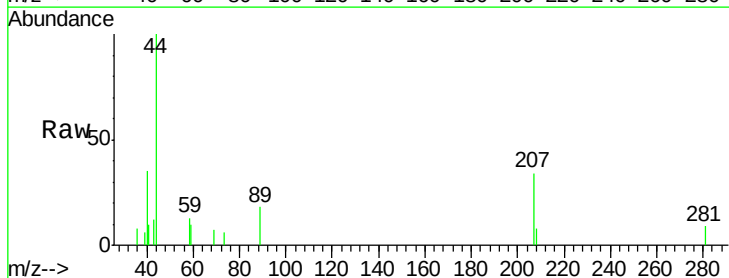
Acq: 19 Jun 2018 17:20

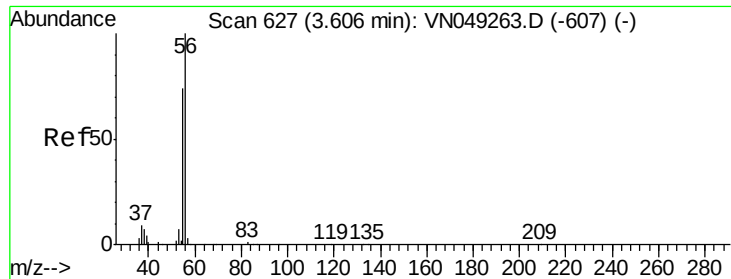
Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#





#13

Acrolein

Concen: 0.73 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

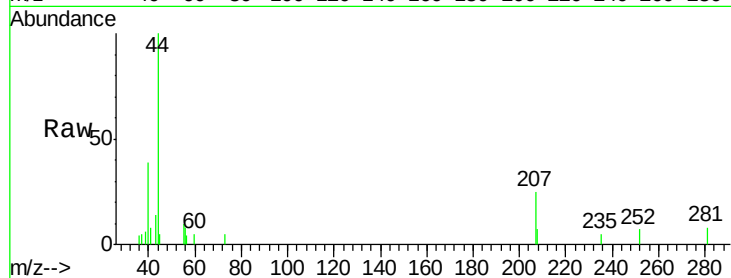
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 719

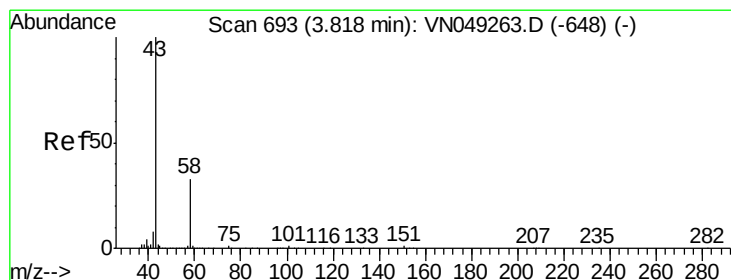
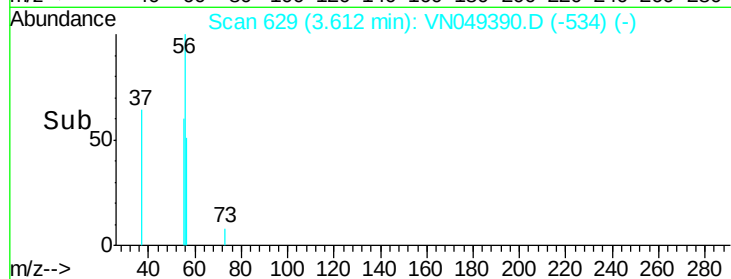
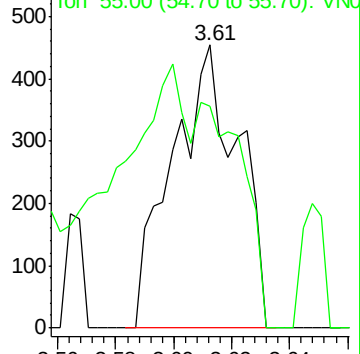
Ion Ratio Lower Upper

56 100

55 55.6 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN049390.D (-534) (-)



#16

Acetone

Concen: 12.33 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049390.D

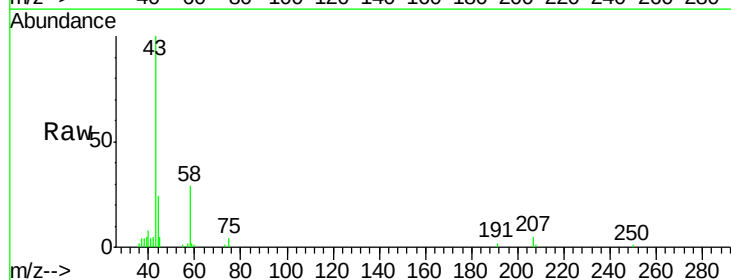
Acq: 19 Jun 2018 17:20

Tgt Ion: 43 Resp: 47711

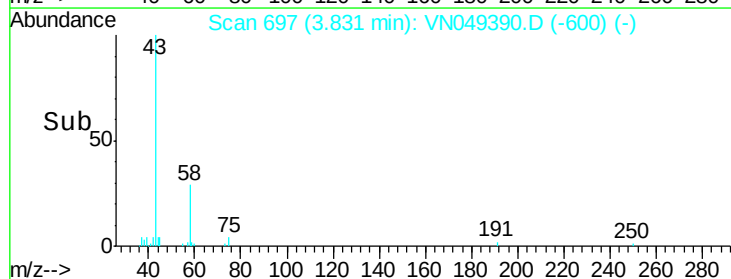
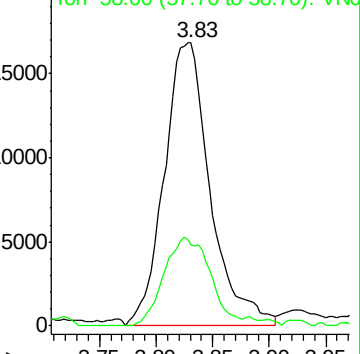
Ion Ratio Lower Upper

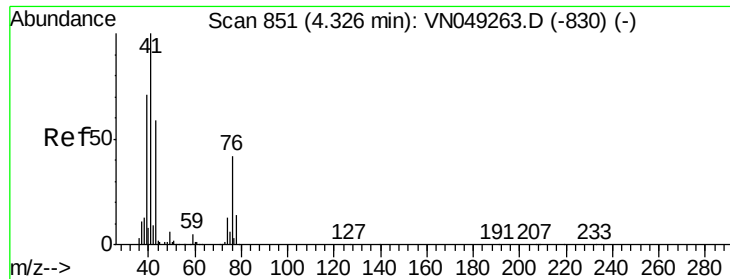
43 100

58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049390.D (-600) (-)

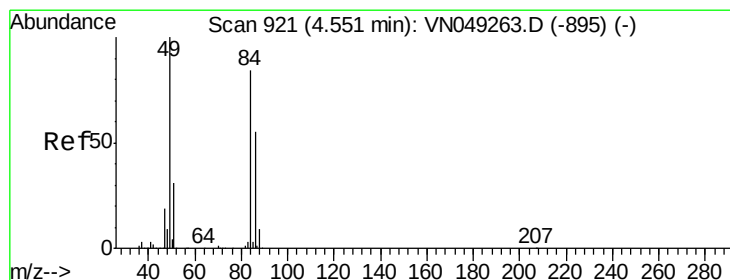
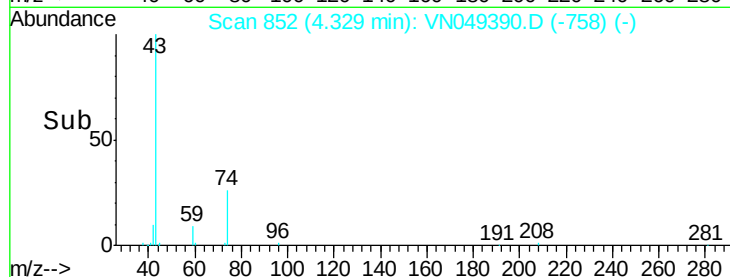
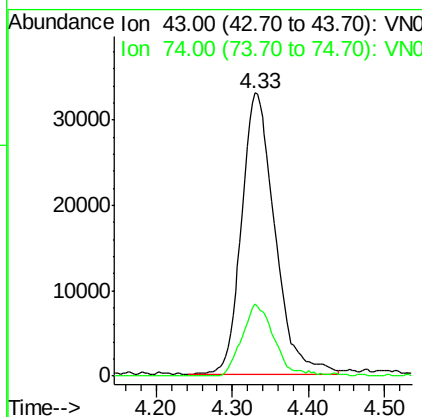
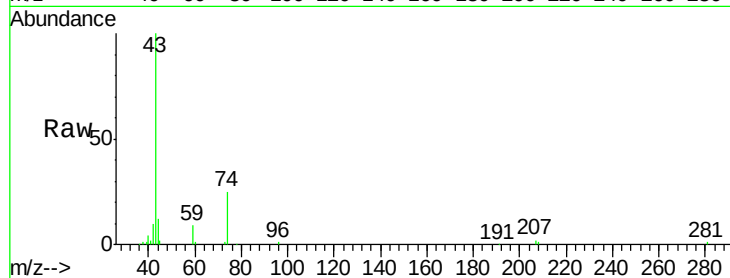




#18
Methvl Acetate
Concen: 8.52 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

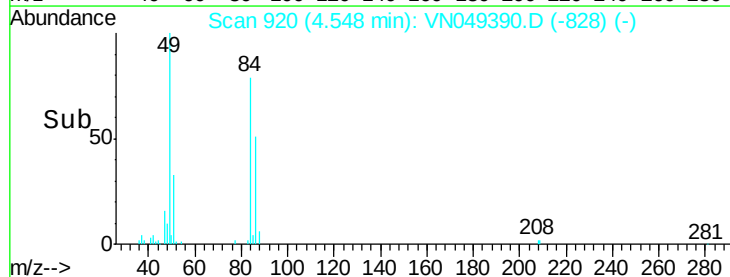
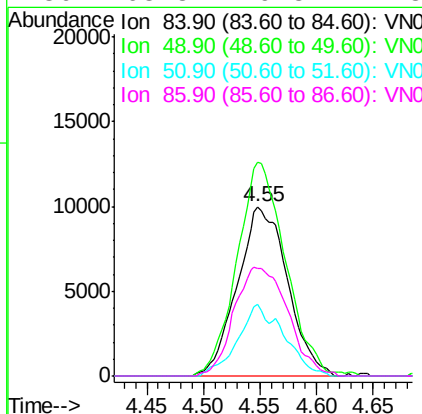
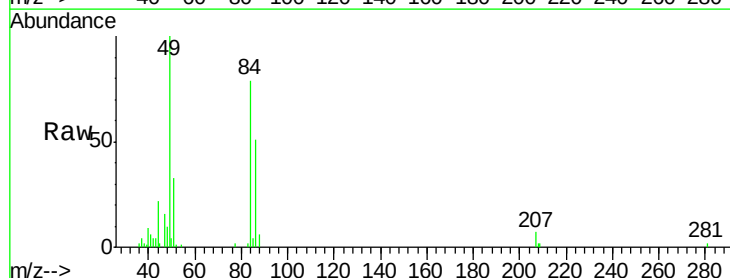
Instrument :
MSVOA_N
ClientSampleId :

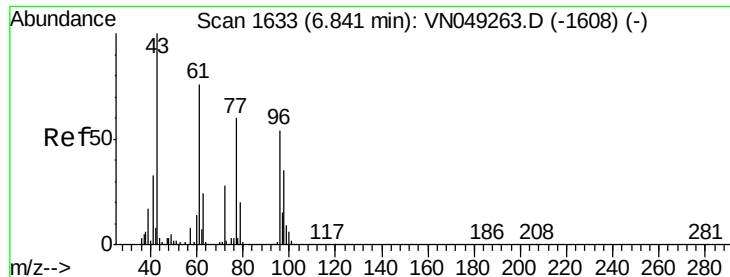
Tot Ion: 43 Resp: 100497
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.91 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion: 84 Resp: 30785
Ion Ratio Lower Upper
84 100
49 126.1 106.9 160.3
51 42.0 32.7 49.1
86 63.8 49.8 74.8





#25

2-Butanone

Concen: 1.38 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.02 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

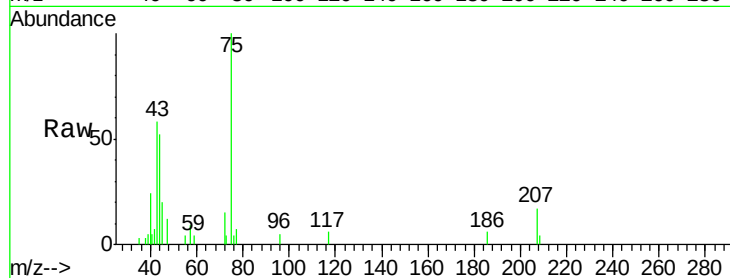
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 7158

Ion Ratio Lower Upper

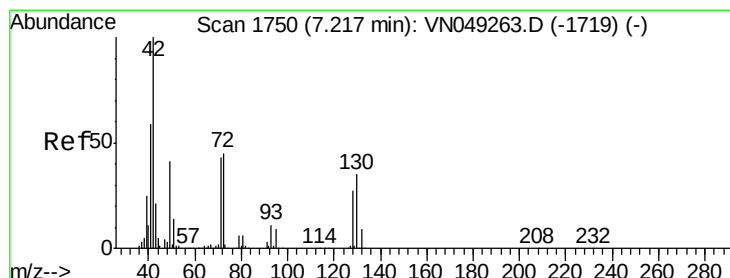
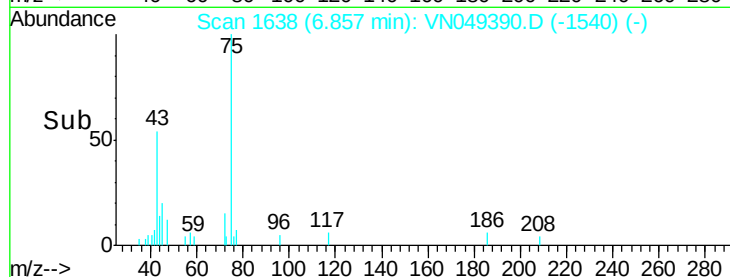
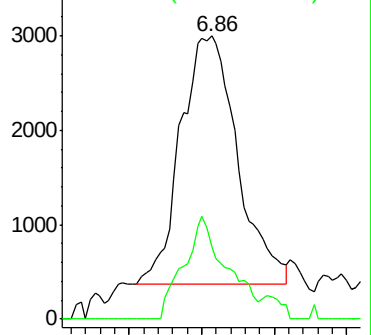
43 100

72 29.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049390.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049390.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 1.31 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

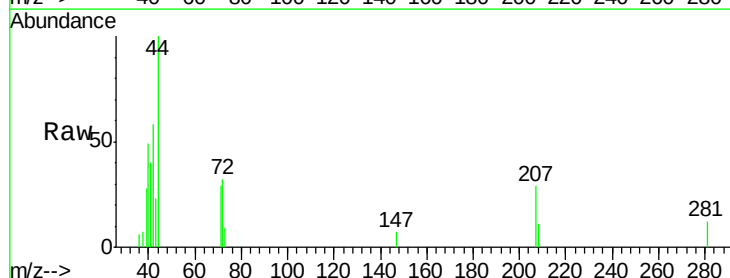
Tgt Ion: 42 Resp: 4366

Ion Ratio Lower Upper

42 100

72 32.5 32.2 48.4

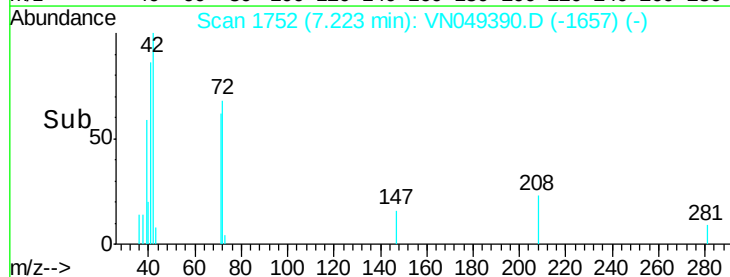
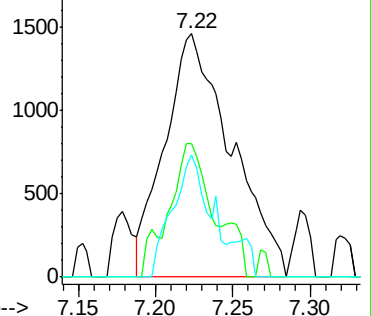
71 28.1 30.5 45.7#

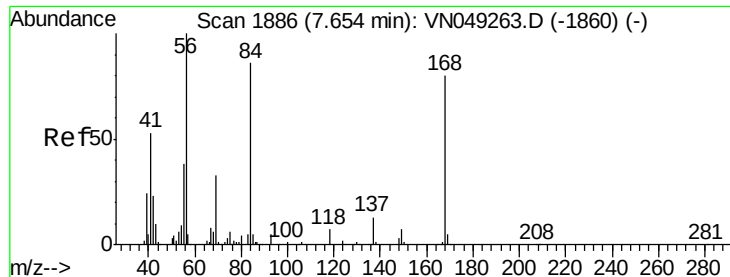


Abundance Ion 42.00 (41.70 to 42.70): VN049390.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049390.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049390.D (-1657) (-)

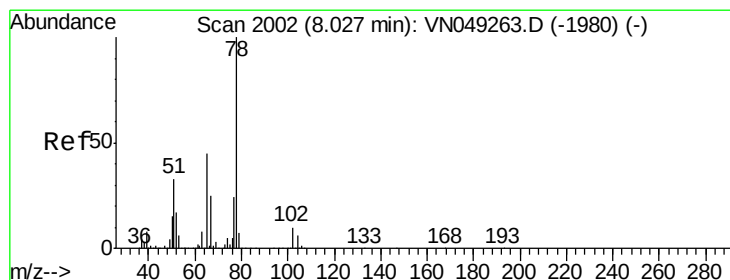
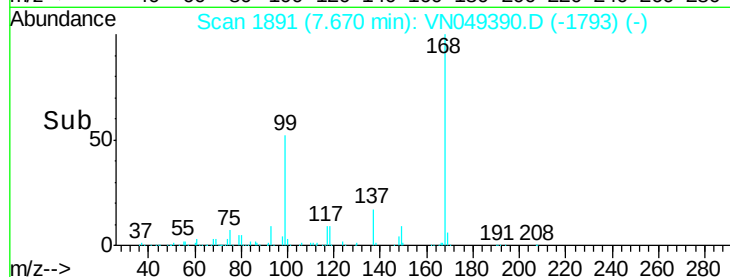
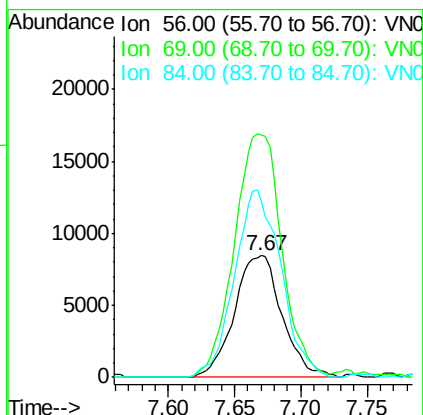
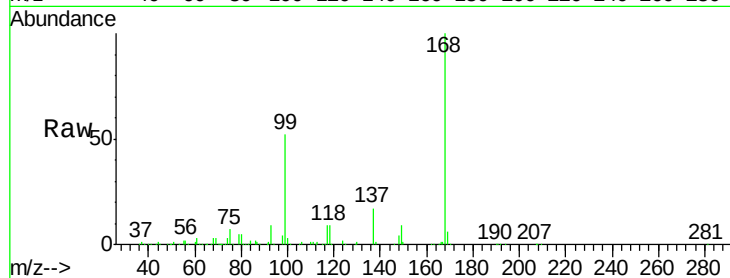




#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

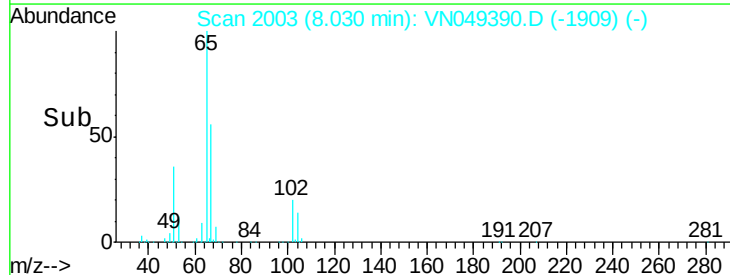
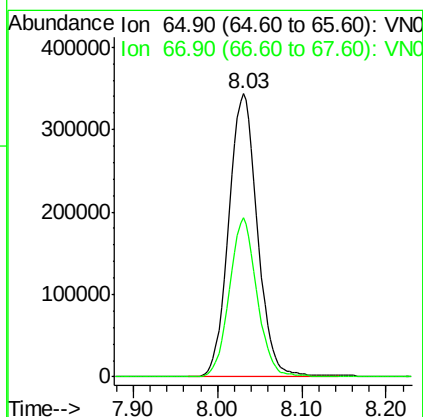
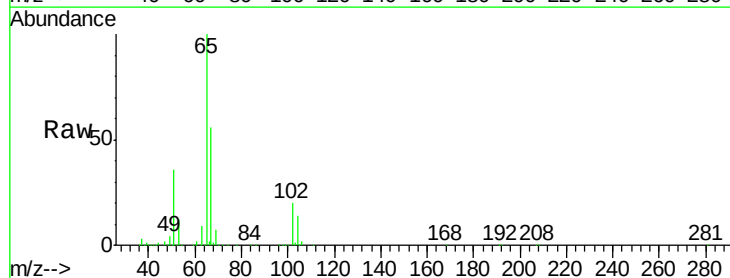
Instrument :
MSVOA_N
ClientSampled :

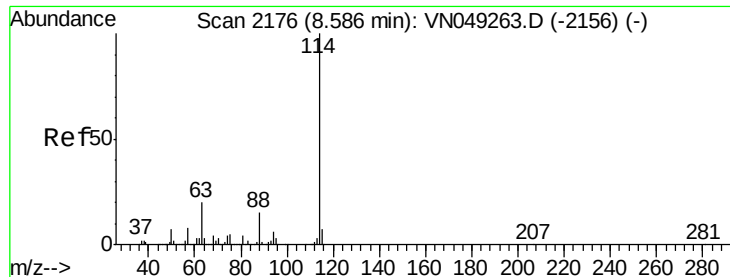
Tot Ion: 56 Resp: 21131
Ion Ratio Lower Upper
56 100
69 198.9 25.0 37.4#
84 144.3 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 51.14 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion: 65 Resp: 814875
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.8

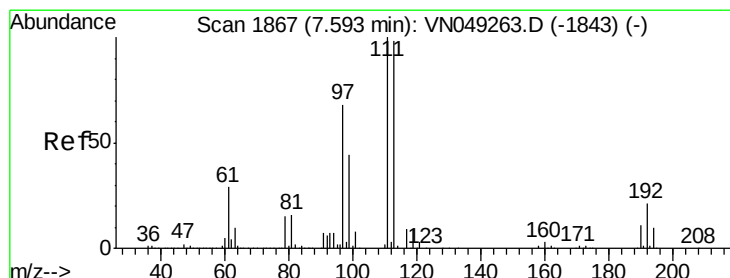
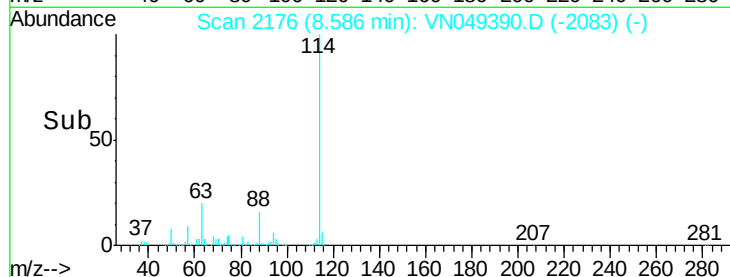
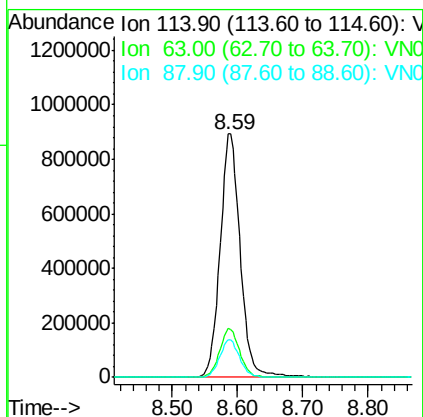
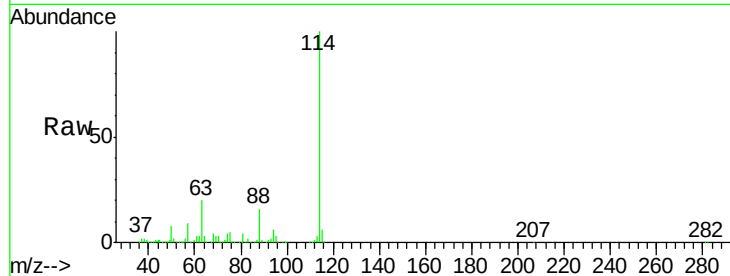




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049390.D
 Acq: 19 Jun 2018 17:20

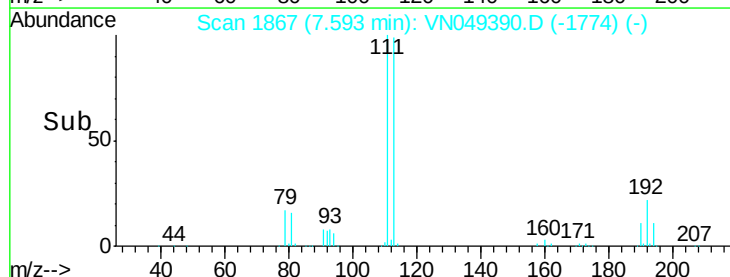
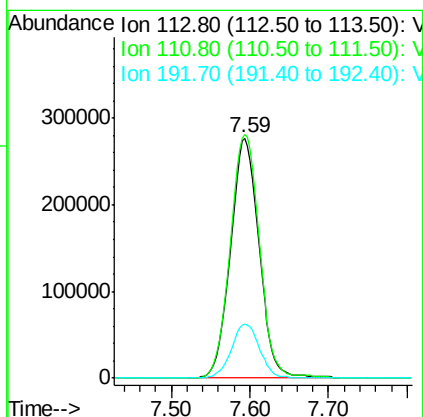
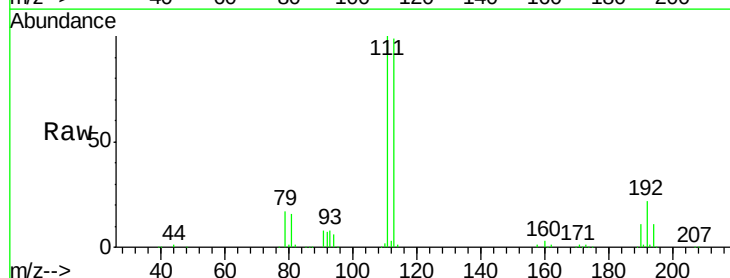
Instrument :
 MSVOA_N
 ClientSampled :

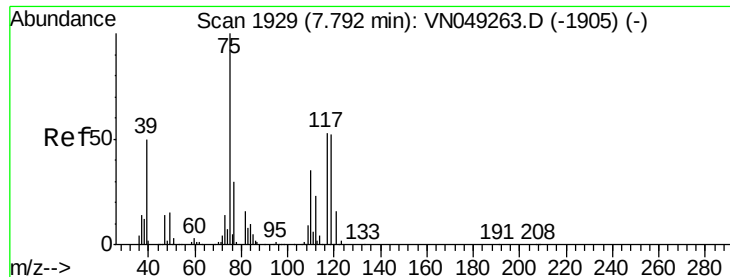
Tot Ion:114 Resp: 1915050
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.10 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049390.D
 Acq: 19 Jun 2018 17:20

Tgt Ion:113 Resp: 698761
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 22.3 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.80 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

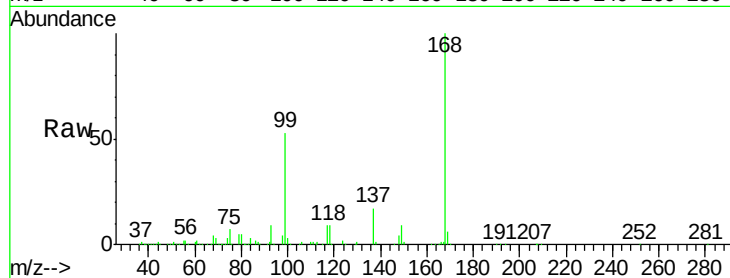
Tot Ion: 75 Resp: 83462

Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

77 0.0 24.4 36.6#

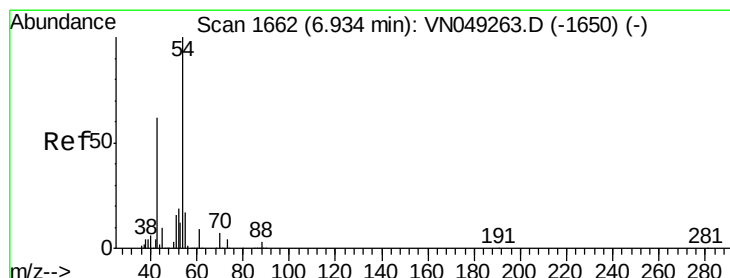
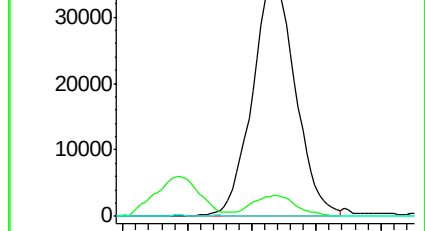
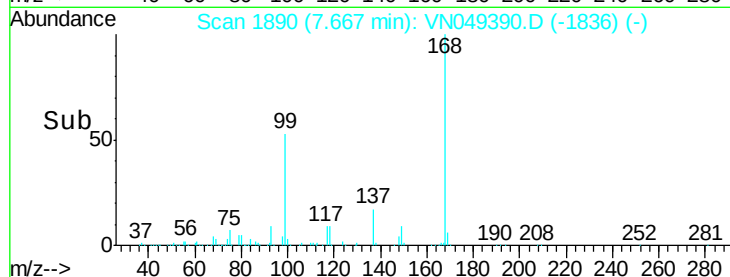


Abundance Ion 74.90 (74.60 to 75.60): VN049390.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049390.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049390.D (-1836) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.61 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. -0.08 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

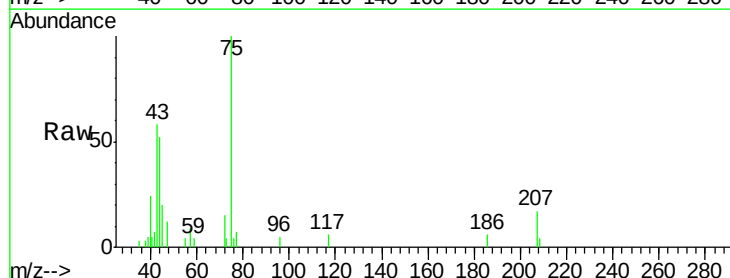
Tgt Ion: 43 Resp: 7235

Ion Ratio Lower Upper

43 100

61 6.3 11.0 16.4#

70 0.0 7.2 10.8#

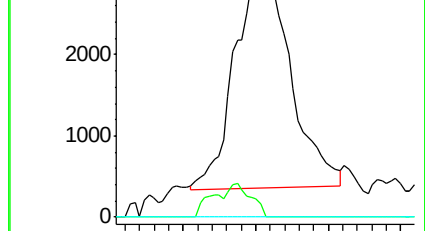
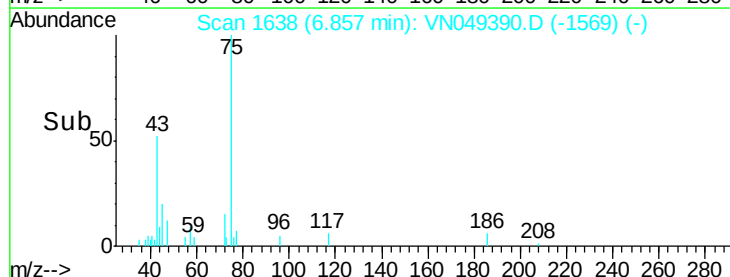


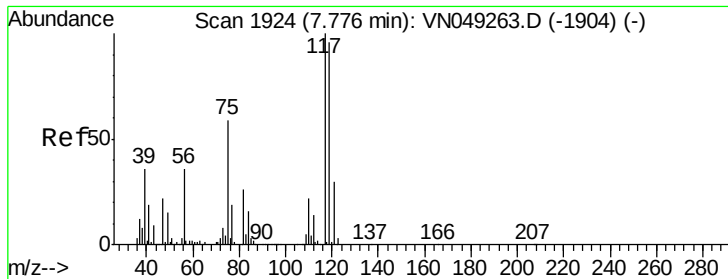
Abundance Ion 43.00 (42.70 to 43.70): VN049390.D (-1569) (-)

Ion 60.90 (60.60 to 61.60): VN049390.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049390.D (-1569) (-)

Time-->

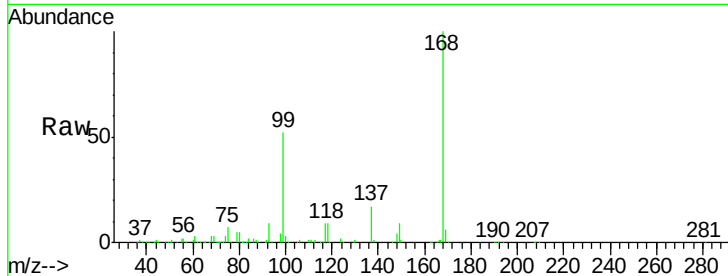




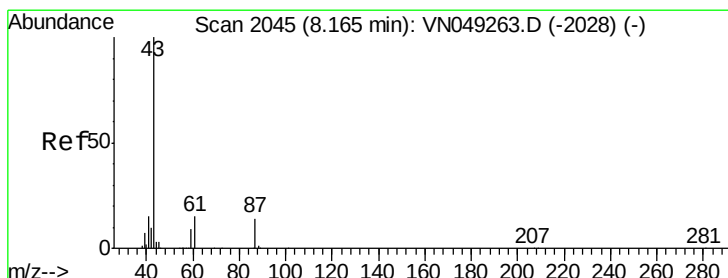
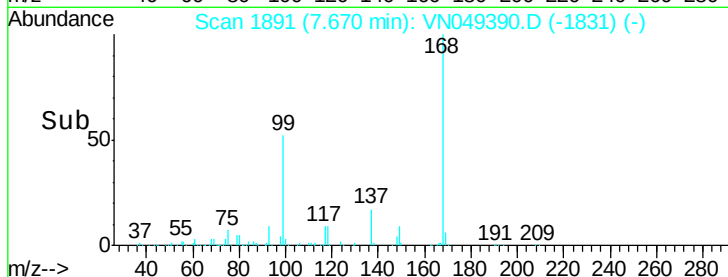
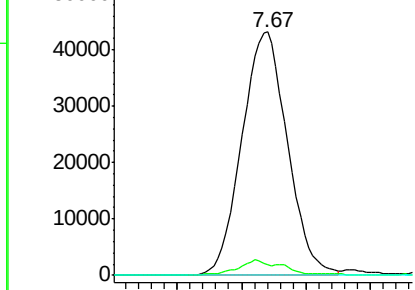
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 106226
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.7 37.1#

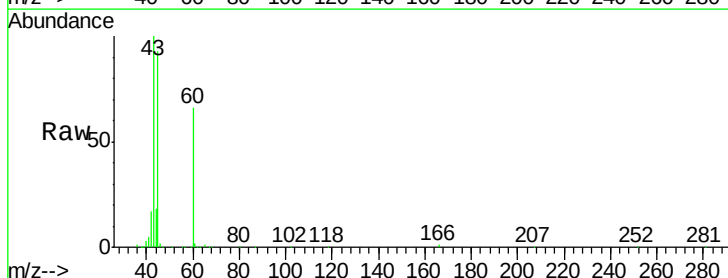


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

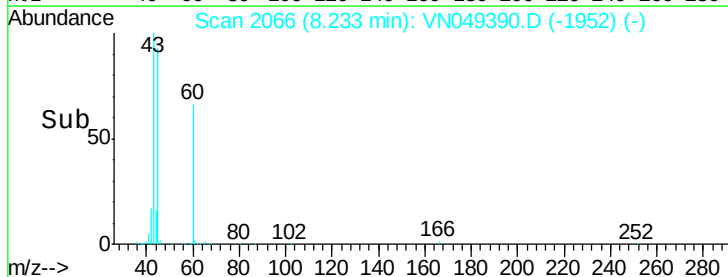
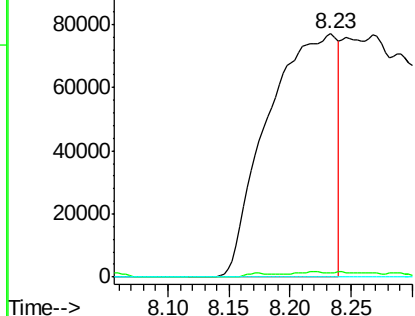


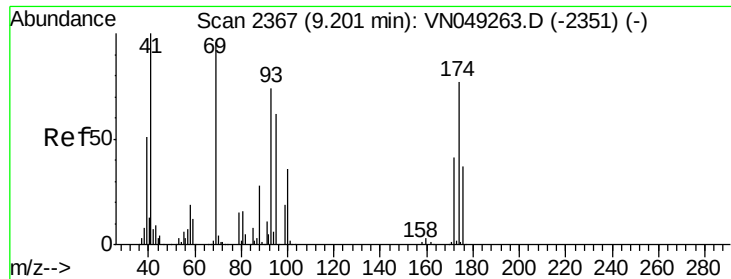
#43
Isopropyl Acetate
Concen: 13.17 ug/l
RT: 8.23 min Scan# 2066
Delta R.T. 0.07 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion: 43 Resp: 300361
Ion Ratio Lower Upper
43 100
61 0.4 14.2 21.4#
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

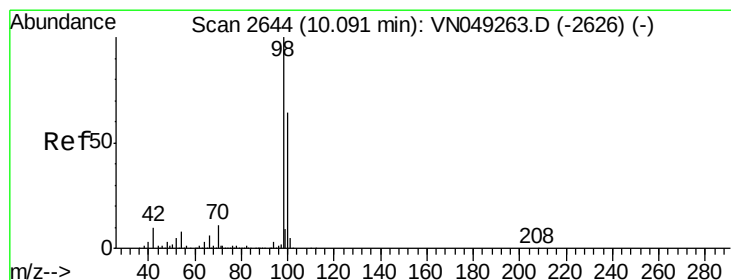
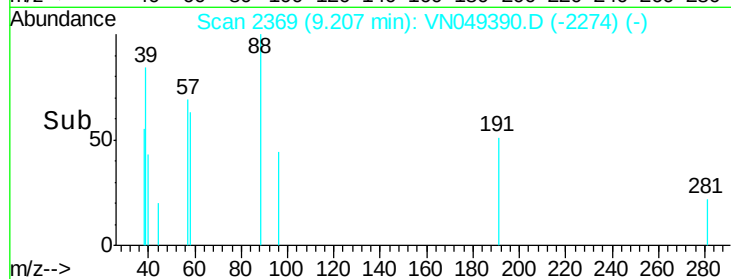
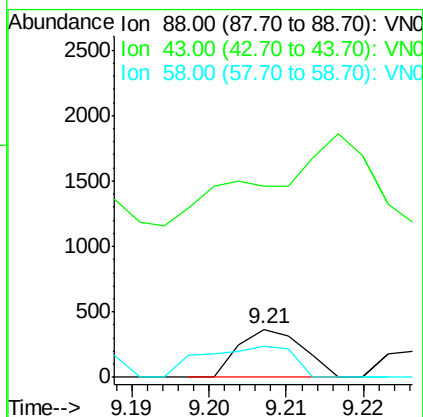
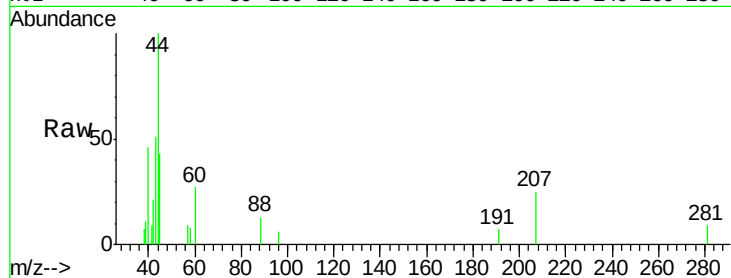




#49
1,4-Dioxane
Concen: 1.44 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

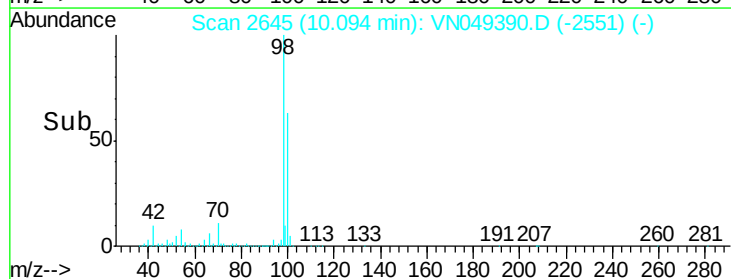
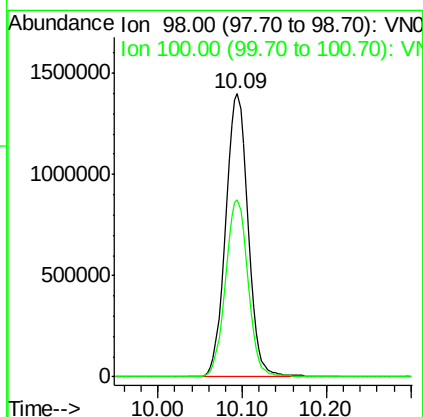
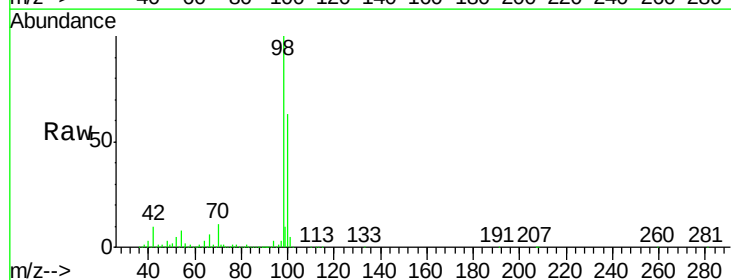
Instrument :
MSVOA_N
ClientSampled :

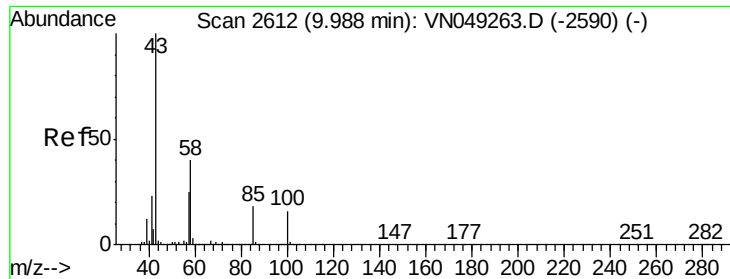
Tot Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 303.3 30.9 46.3#
58 91.1 58.9 88.3#



#50
Toluene-d8
Concen: 43.82 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049390.D
Acq: 19 Jun 2018 17:20

Tgt Ion: 98 Resp: 2585008
Ion Ratio Lower Upper
98 100
100 63.0 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 0.47 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

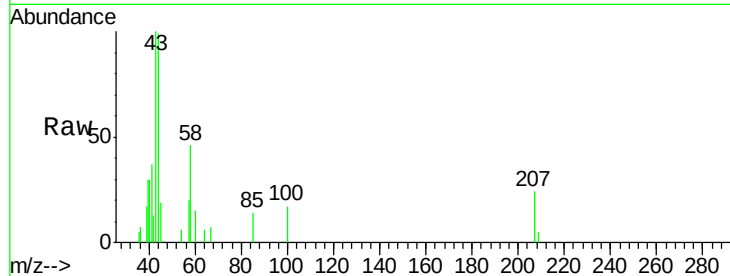
ClientSampleId :

Tot Ion: 43 Resp: 5647

Ion Ratio Lower Upper

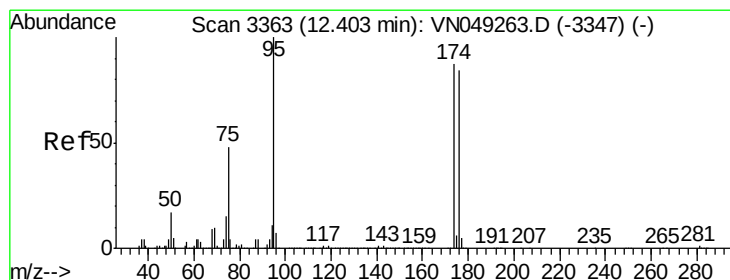
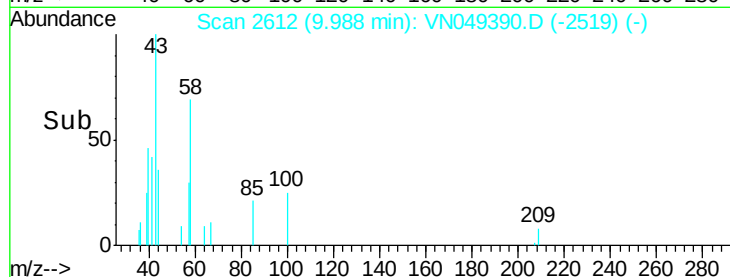
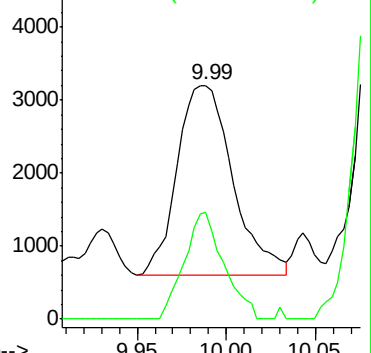
43 100

58 40.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)



#62

4-Bromofluorobenzene

Concen: 33.42 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

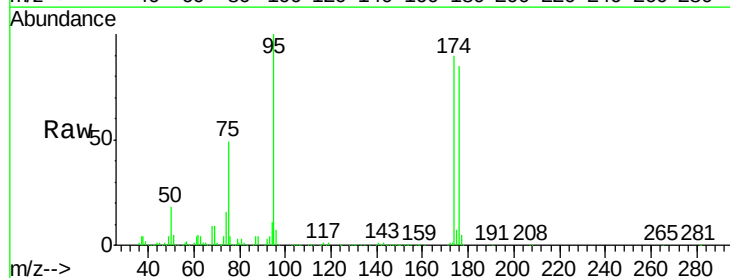
Tgt Ion: 95 Resp: 651939

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

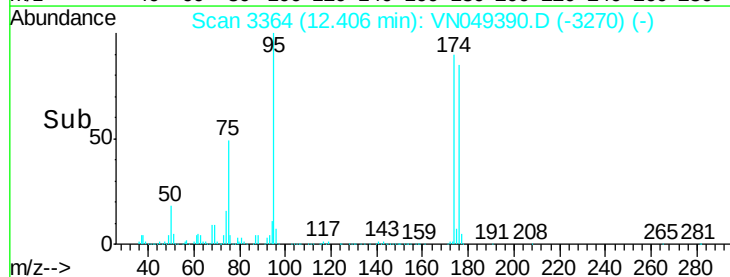
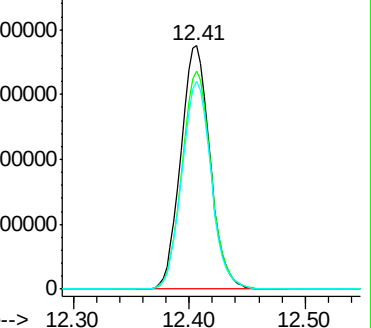
176 85.5 0.0 157.4

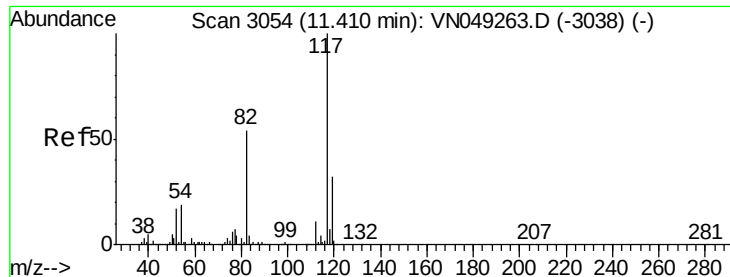


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

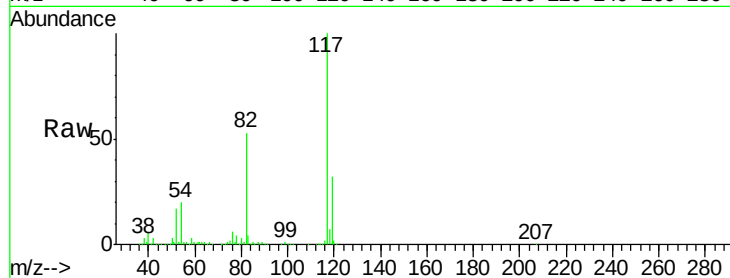
Tot Ion:117 Resp: 1552058

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

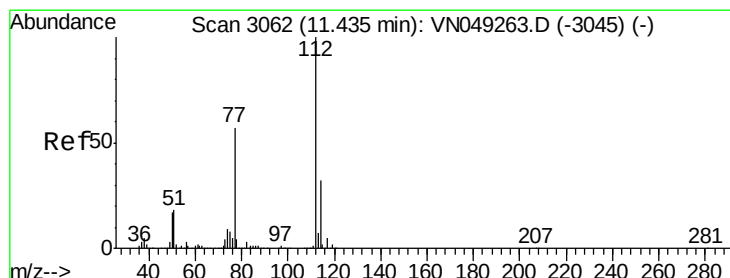
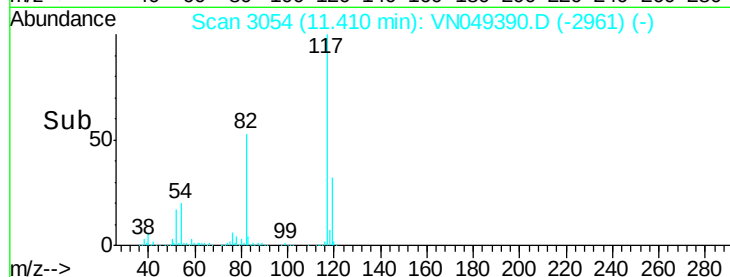
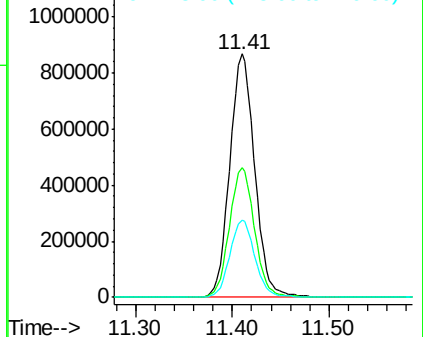
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.59 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049390.D

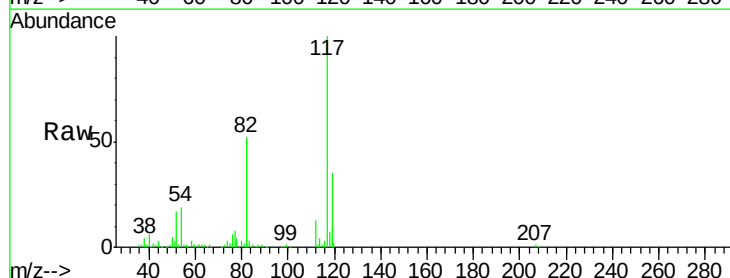
Acq: 19 Jun 2018 17:20

Tgt Ion:112 Resp: 23461

Ion Ratio Lower Upper

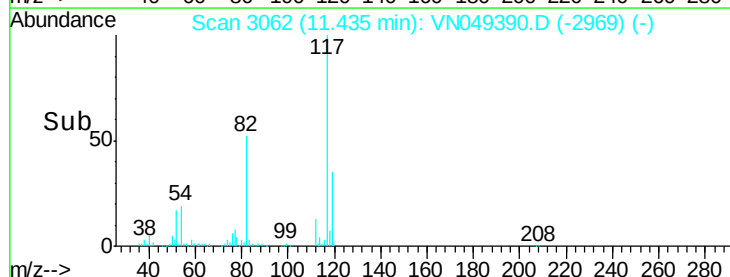
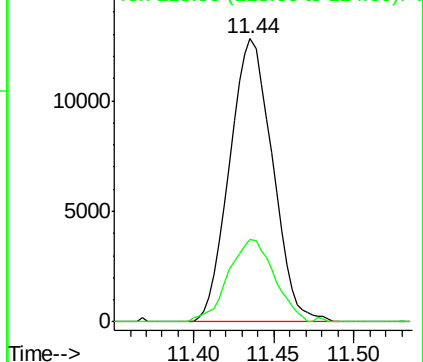
112 100

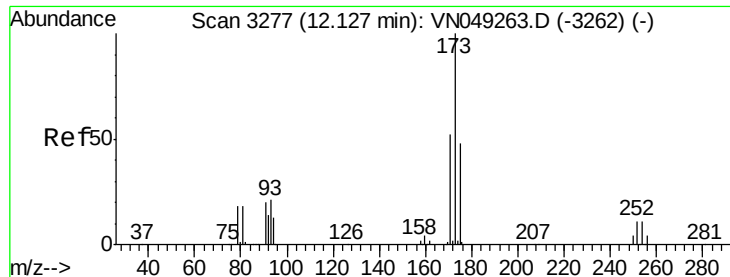
114 29.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.44 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

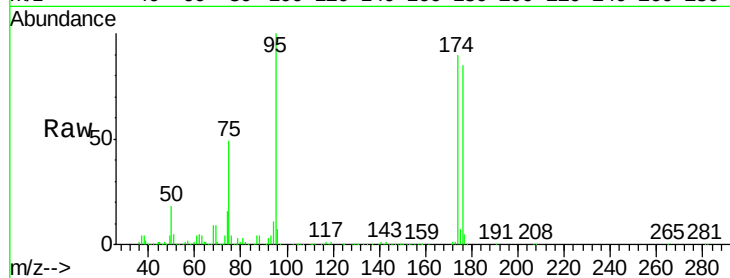
Tot Ion:173 Resp: 4321

Ion Ratio Lower Upper

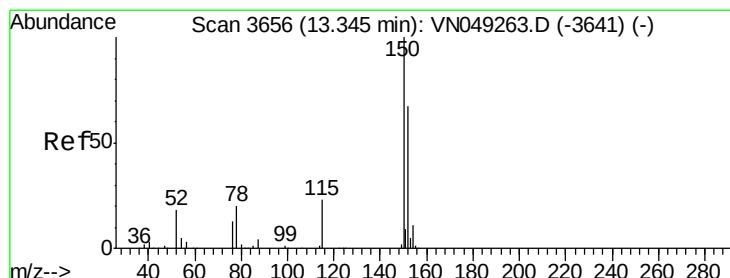
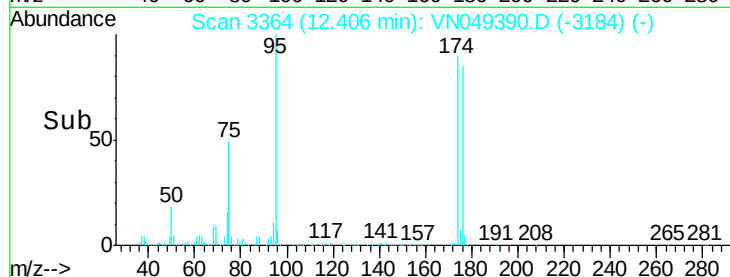
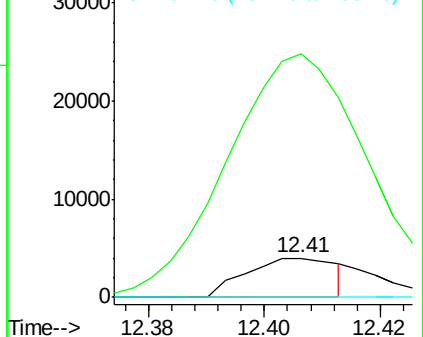
173 100

175 752.8 24.5 73.5#

254 0.0 0.1 0.1#



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# 3657

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

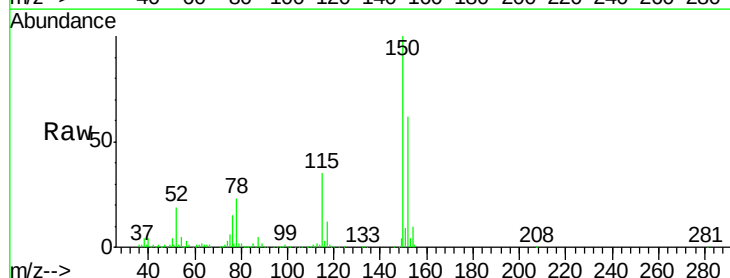
Tgt Ion:152 Resp: 434182

Ion Ratio Lower Upper

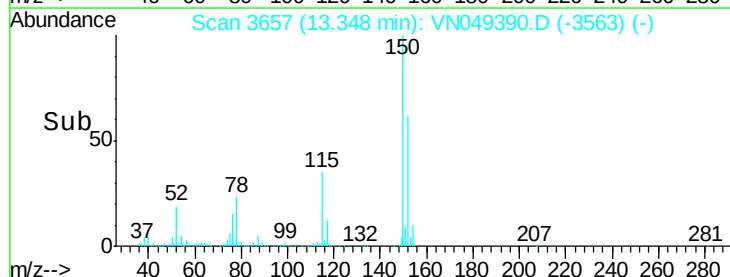
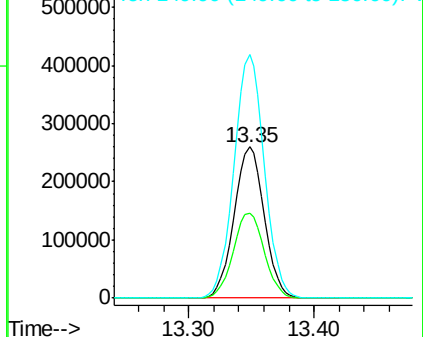
152 100

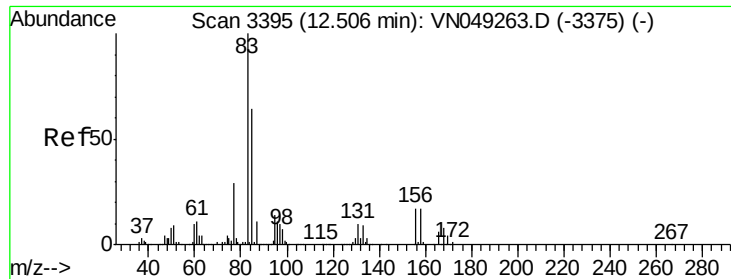
115 57.8 28.7 86.1

150 161.6 0.0 351.0



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3362

Delta R.T. -0.11 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampled :

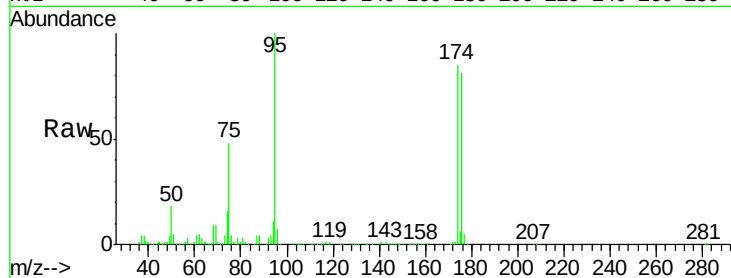
Tot Ion: 83 Resp: 258

Ion Ratio Lower Upper

83 100

131 309.7 5.0 15.0#

85 0.0 32.0 96.0#

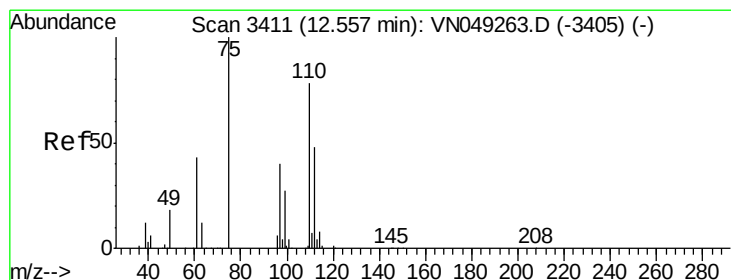
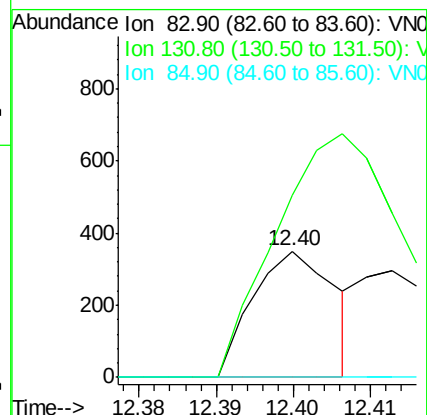
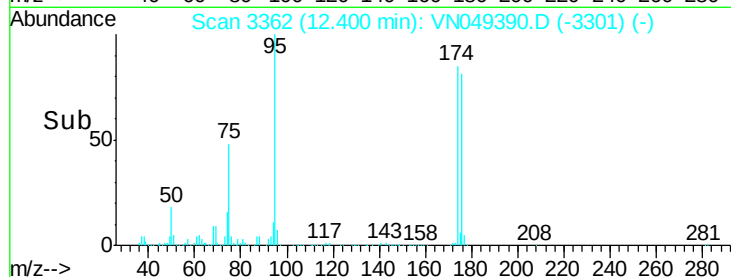


Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049263.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-3375) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 43.15 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049390.D

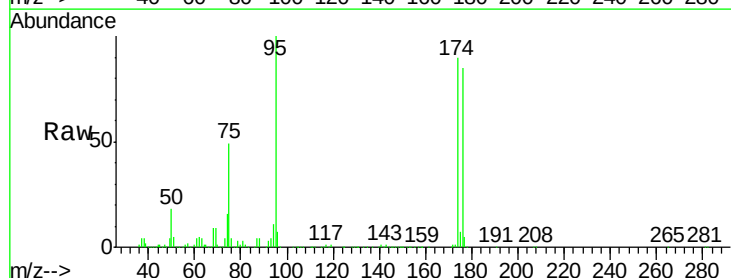
Acq: 19 Jun 2018 17:20

Tgt Ion: 75 Resp: 319691

Ion Ratio Lower Upper

75 100

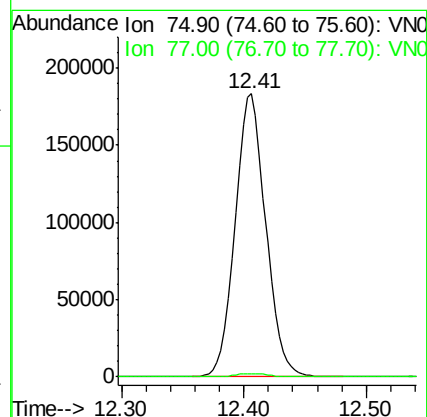
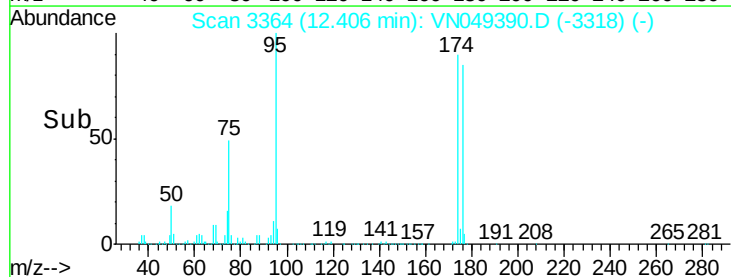
77 0.7 0.0 0.0#

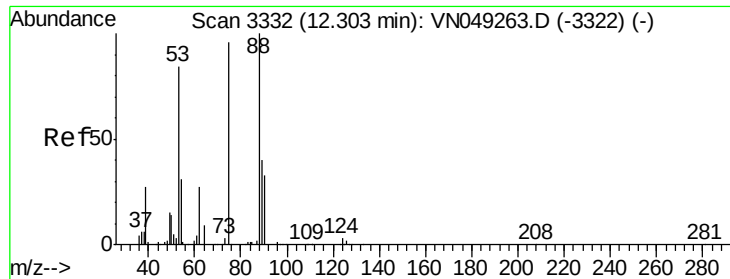


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049263.D (-3405) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 136.39 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

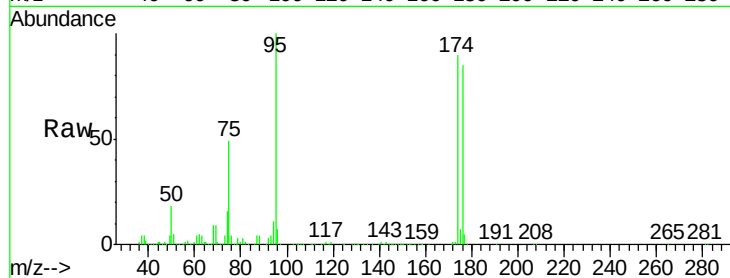
Tot Ion: 75 Resp: 319691

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

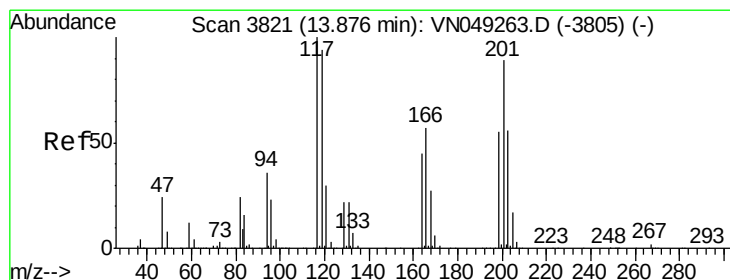
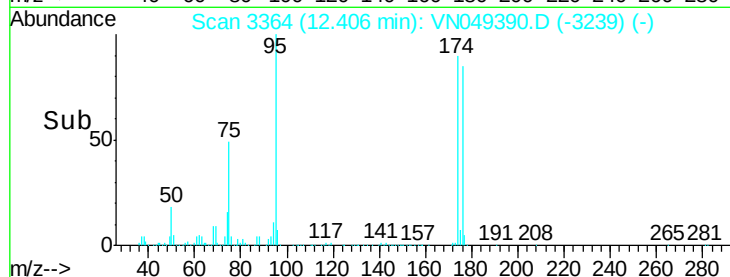
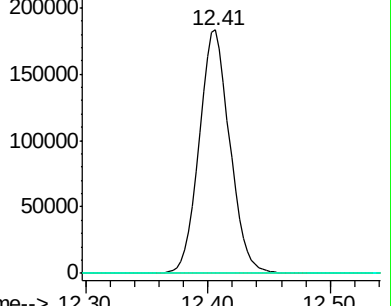
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049390.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049390.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049390.D (-3364) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049390.D

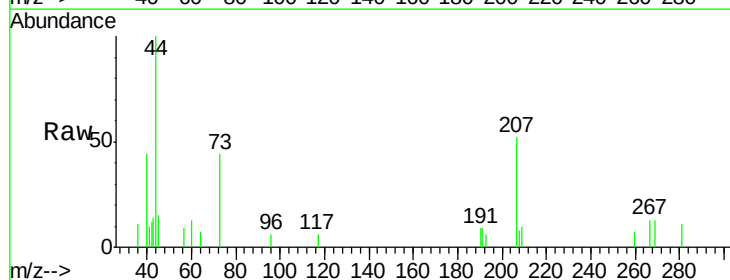
Acq: 19 Jun 2018 17:20

Tgt Ion: 117 Resp: 30

Ion Ratio Lower Upper

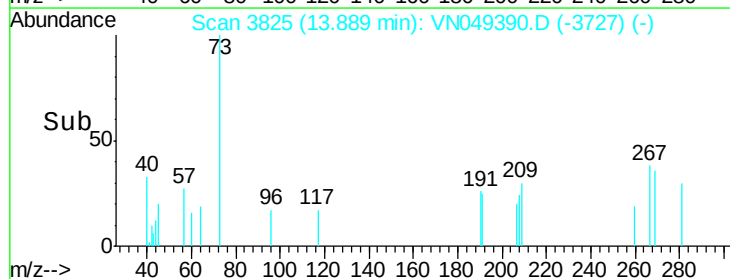
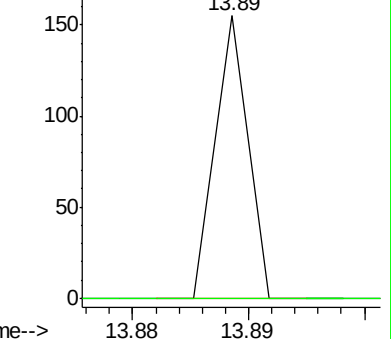
117 100

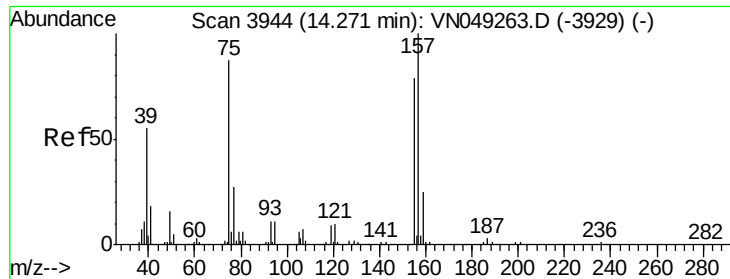
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): VN049390.D (-3825) (-)

Ion 200.70 (200.40 to 201.40): VN049390.D (-3825) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.26 ug/l

RT: 14.25 min Scan# 3937

Delta R.T. -0.02 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampled :

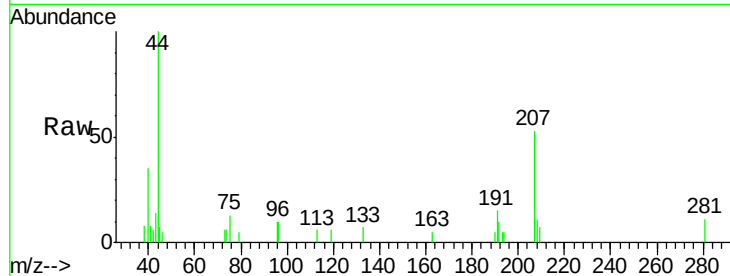
Tot Ion: 75 Resp: 345

Ion Ratio Lower Upper

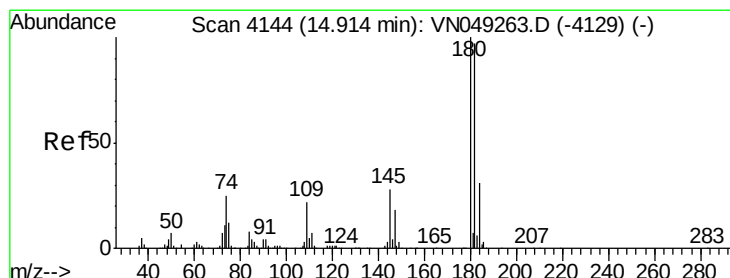
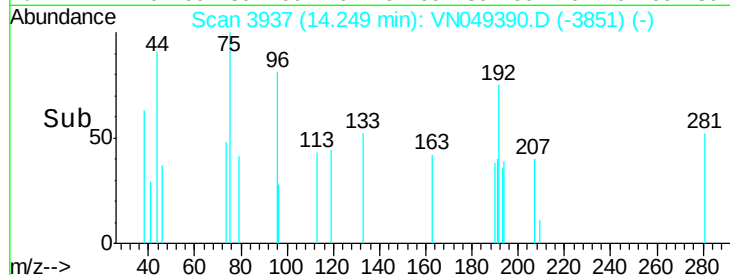
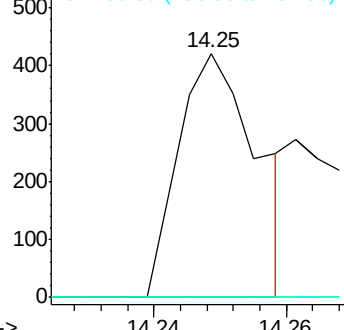
75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#



Abundance Ion 74.90 (74.60 to 75.60): VN049390.D (-3929) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.85 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049390.D

Acq: 19 Jun 2018 17:20

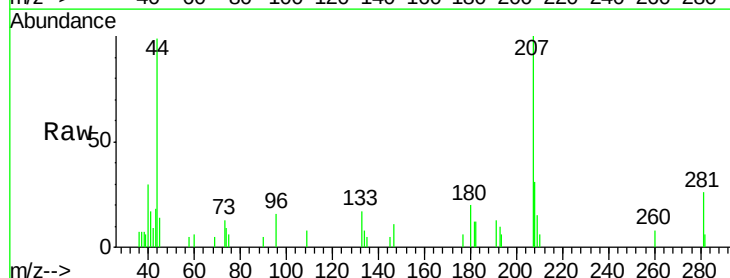
Tgt Ion: 180 Resp: 863

Ion Ratio Lower Upper

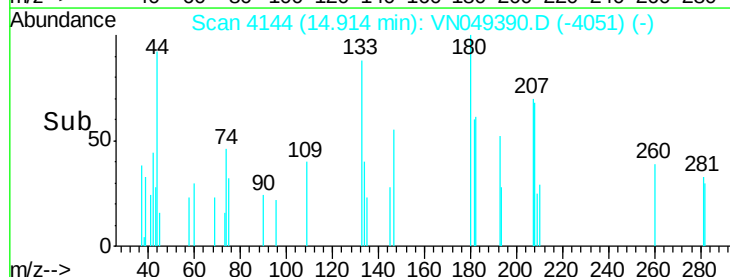
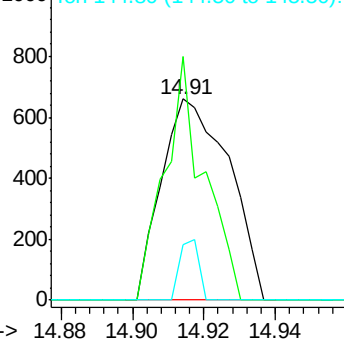
180 100

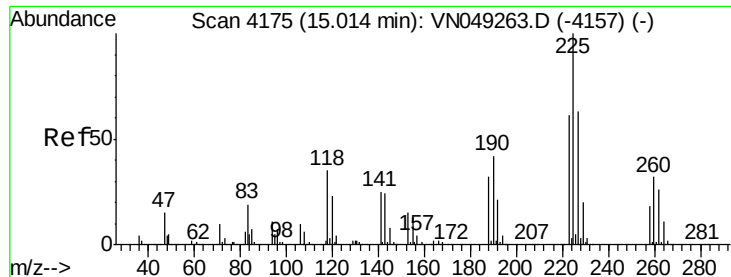
182 70.7 46.9 140.8

145 8.6 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): VN049390.D (-4051) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049390.D

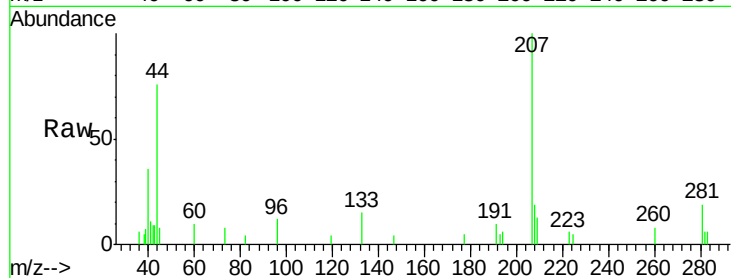
Acq: 19 Jun 2018 17:20

Instrument :

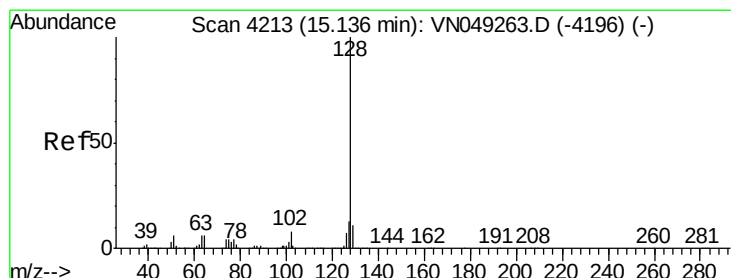
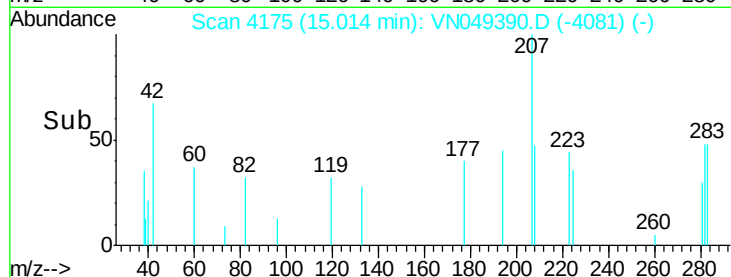
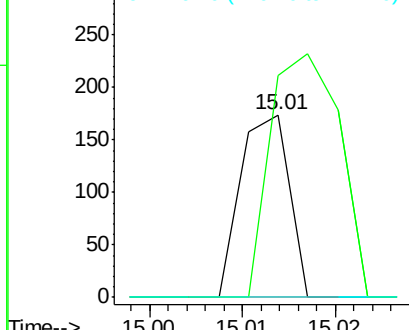
MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	64
Ion	Ratio	Lower	Upper
225	100		
223	187.5	32.1	96.3#
227	0.0	31.8	95.3#



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



#95

Naphthalene

Concen: 2.24 ug/l

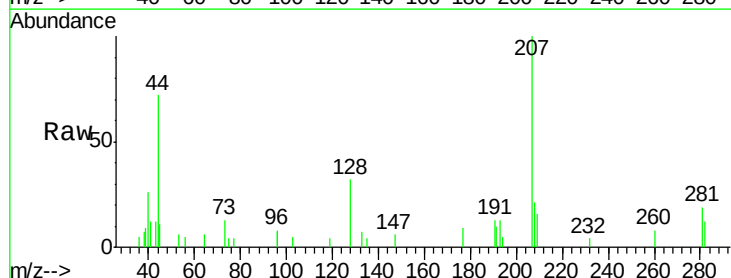
RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

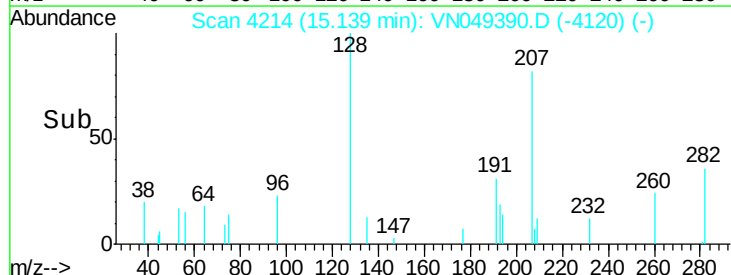
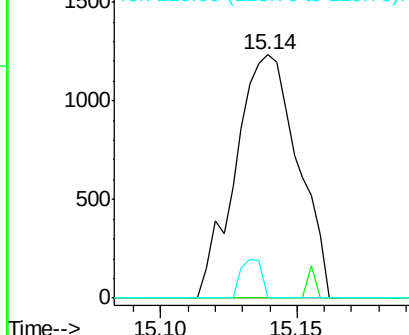
Lab File: VN049390.D

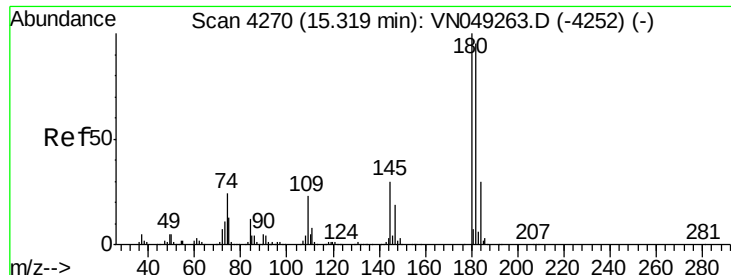
Acq: 19 Jun 2018 17:20

Tgt Ion:	128	Resp:	1957
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	5.4	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

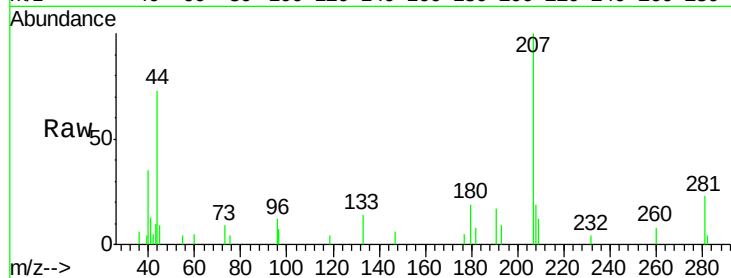




#96
 1,2,3-Trichlorobenzene
 Concen: 3.59 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049390.D
 Acq: 19 Jun 2018 17:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	30.8	47.3	141.8#
145	12.8	15.6	46.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

