

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056292.D
 Acq On : 13 Jun 2019 19:29
 Operator : JC/SP
 Sample : K3345-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

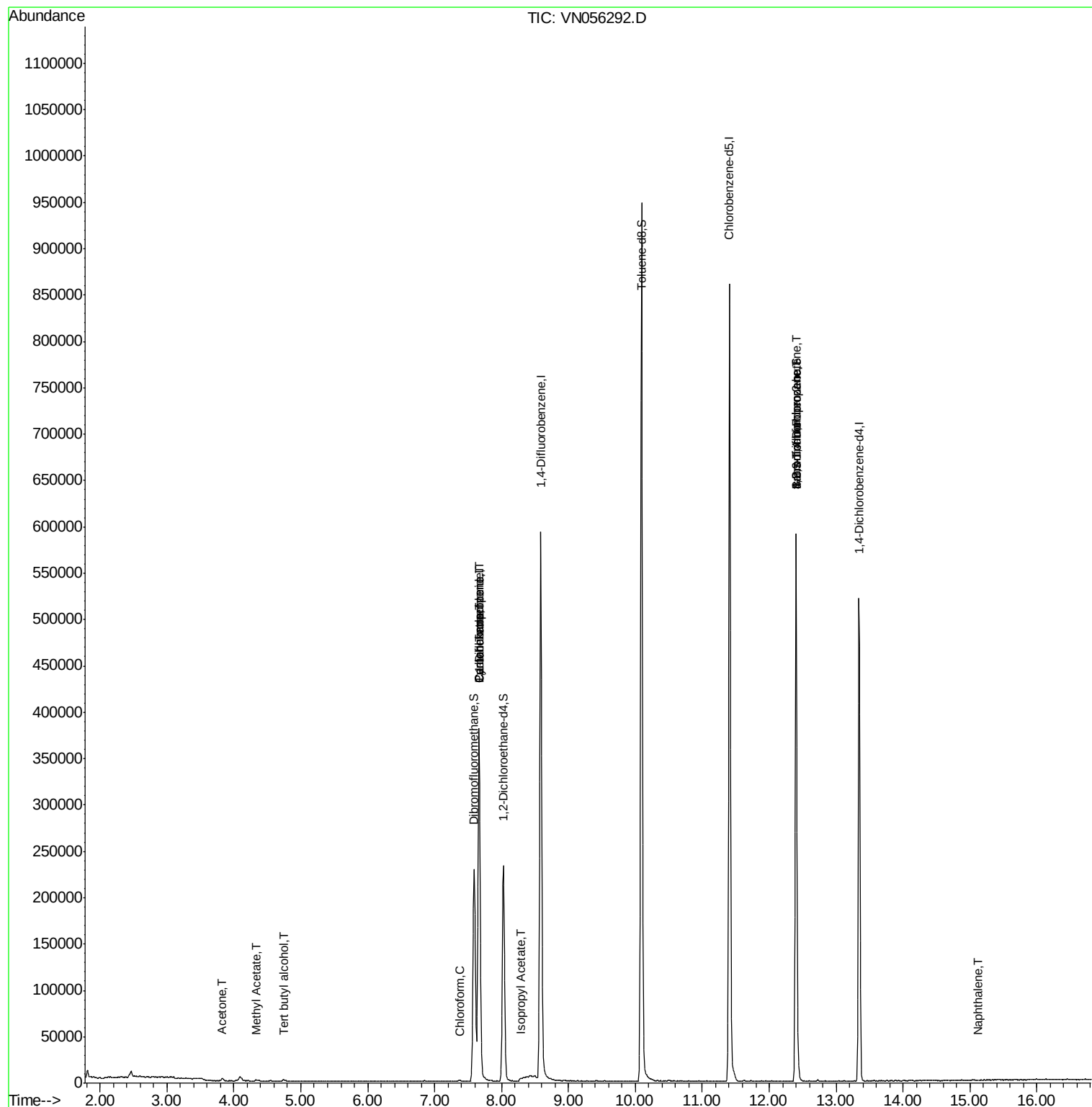
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	197466	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
35) Dibromofluoromethane	7.59	113	176332	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	708218	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	218077	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.74	59	938	1.585	ug/l #	74
16) Acetone	3.83	43	4634	2.849	ug/l	91
18) Methyl Acetate	4.33	43	3337	0.472	ug/l #	60
30) Chloroform	7.37	83	1433	0.263	ug/l	89
31) Cyclohexane	7.66	56	5357	0.993	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21830	4.415	ug/l #	47
38) Carbon Tetrachloride	7.67	117	29481	6.467	ug/l #	15
43) Isopropyl Acetate	8.28	43	1879	0.264	ug/l #	53
71) Bromoform	12.40	173	1510	3.190	ug/l #	1
73) Isopropylbenzene	12.40	105	60	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	100562	35.134	ug/l #	100
79) 2-Chlorotoluene	12.40	91	516	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	100562	117.002	ug/l #	15
95) Naphthalene	15.13	128	30	3.855	ug/l #	69

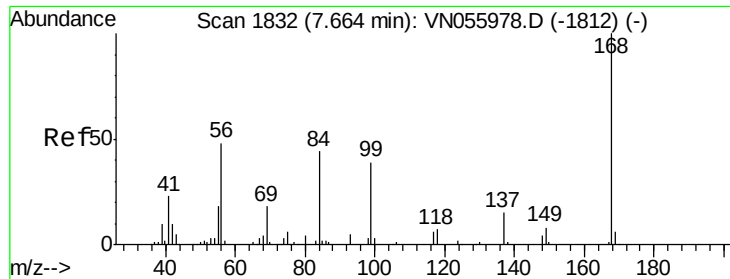
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056292.D
Acq On : 13 Jun 2019 19:29
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Sample : K3345-11
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Jun 14 01:14:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

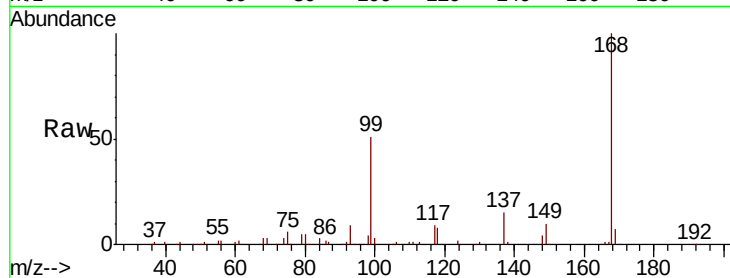
ClientSampleId :

Tot Ion:168 Resp: 342567

Ion Ratio Lower Upper

168 100

99 50.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

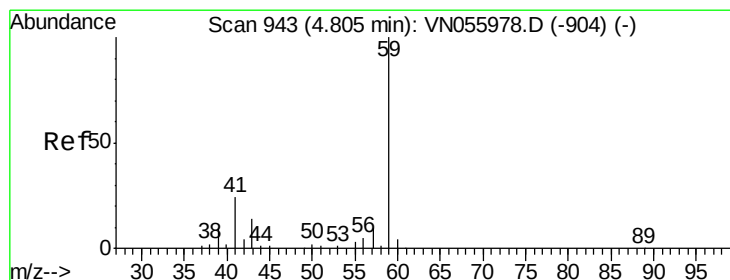
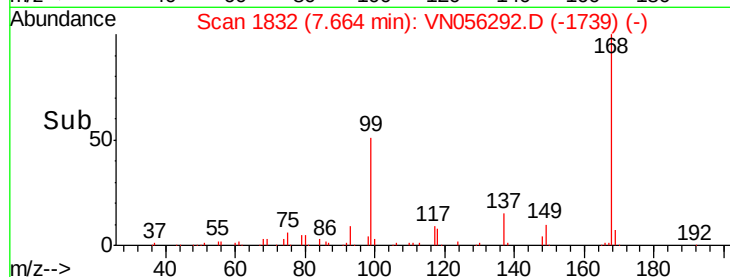
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.585 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.07 min

Lab File: VN056292.D

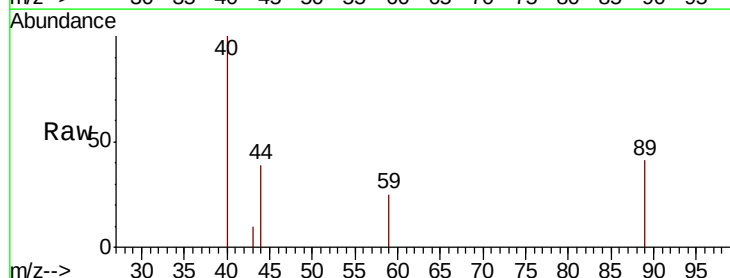
Acq: 13 Jun 2019 19:29

Tgt Ion: 59 Resp: 938

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055978.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN055978.D (-904) (-)

4.74

500

400

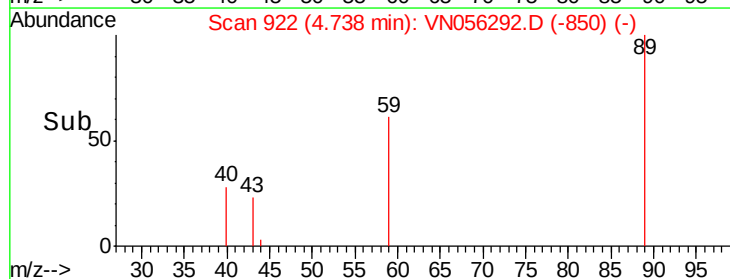
300

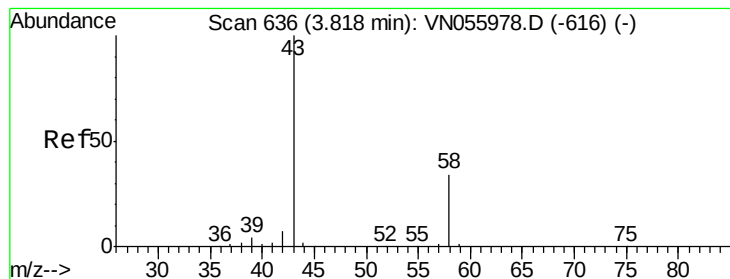
200

100

0

Time-->





#16

Acetone

Concen: 2.849 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

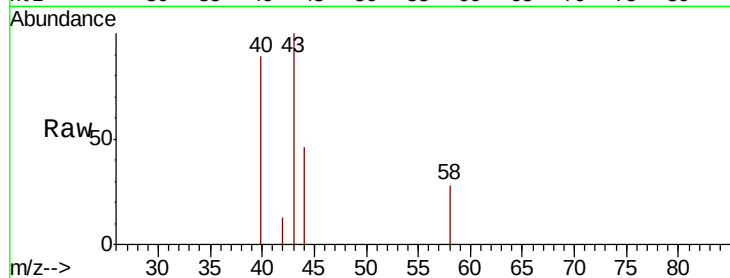
ClientSampleId :

Tot Ion: 43 Resp: 4634

Ion Ratio Lower Upper

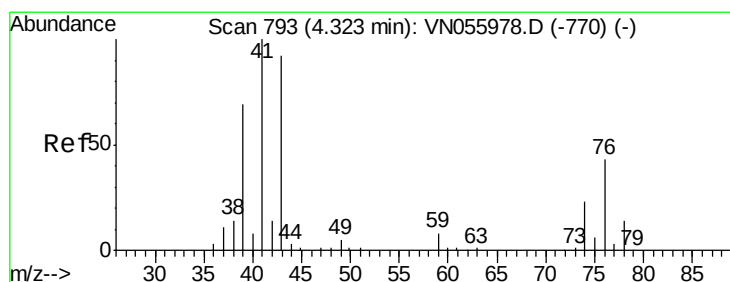
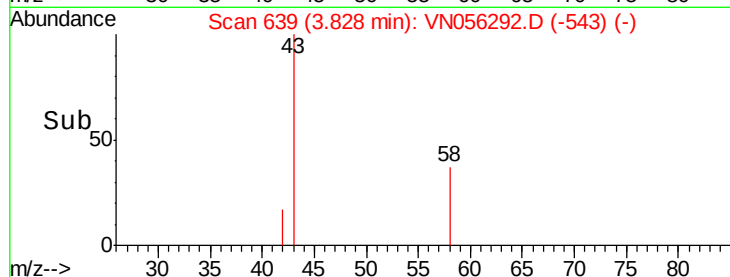
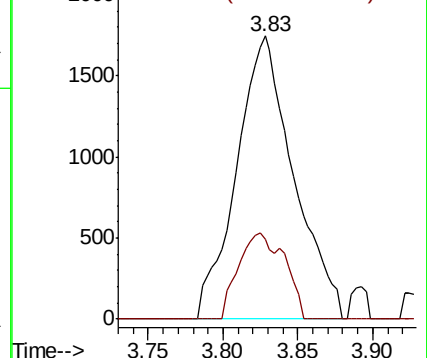
43 100

58 28.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.472 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056292.D

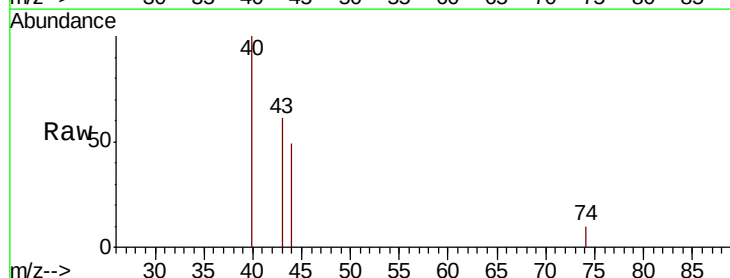
Acq: 13 Jun 2019 19:29

Tgt Ion: 43 Resp: 3337

Ion Ratio Lower Upper

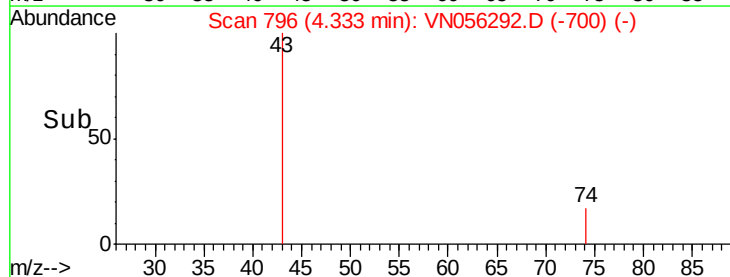
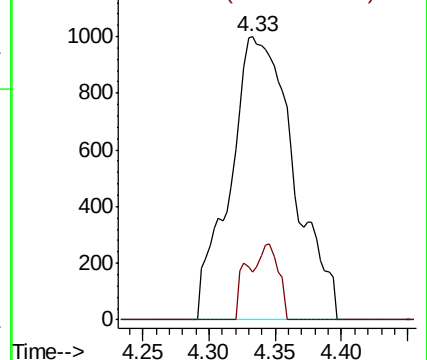
43 100

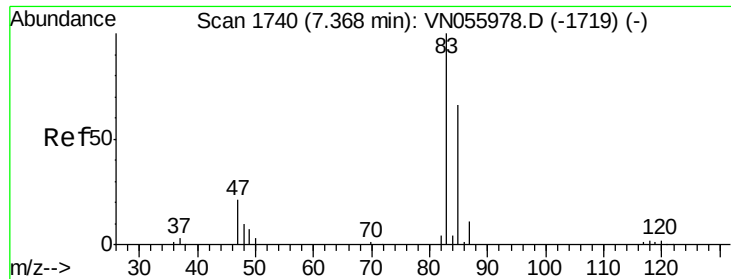
74 4.2 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

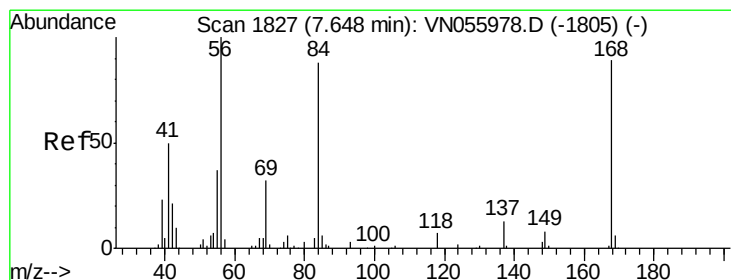
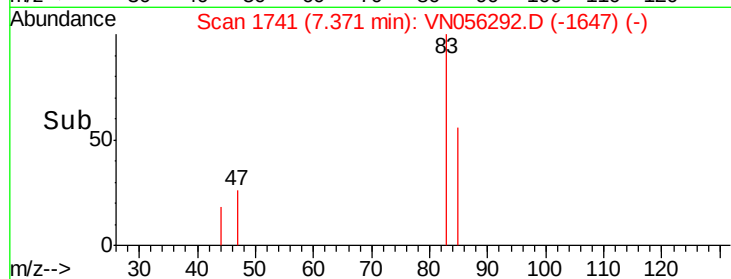
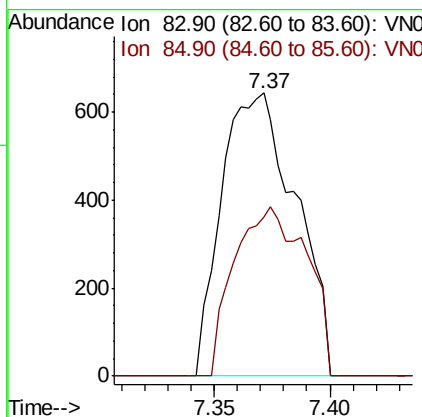
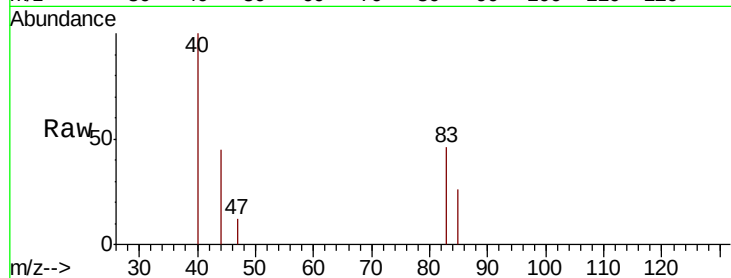




#30
Chloroform
Concen: 0.263 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

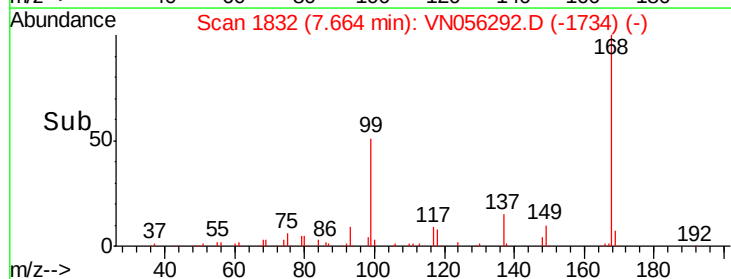
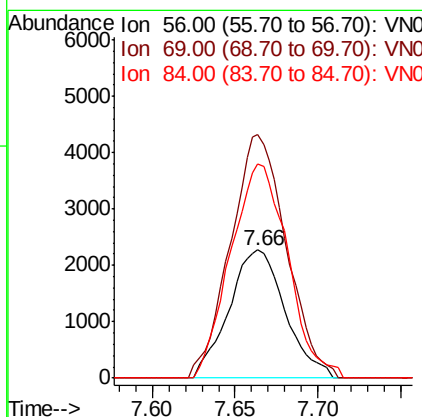
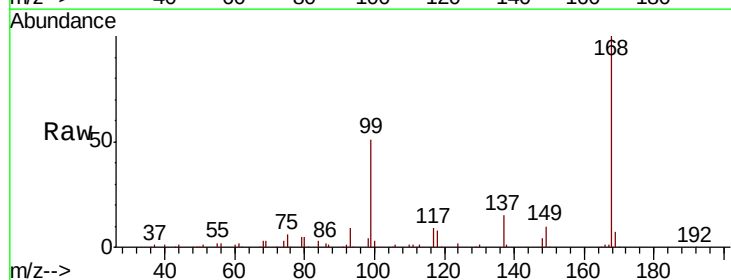
Instrument :
MSVOA_N
ClientSampleId :

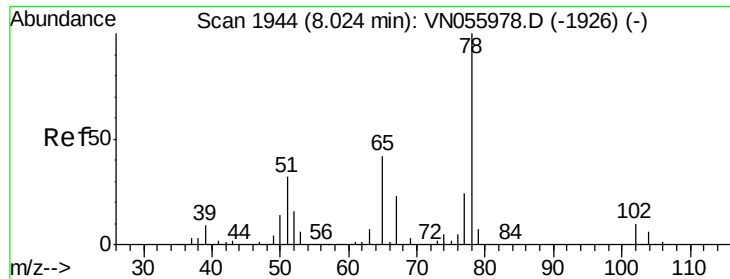
Tot Ion: 83 Resp: 1433
Ion Ratio Lower Upper
83 100
85 56.1 51.8 77.8



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

Tgt Ion: 56 Resp: 5357
Ion Ratio Lower Upper
56 100
69 190.2 25.6 38.4#
84 167.8 67.4 101.0#

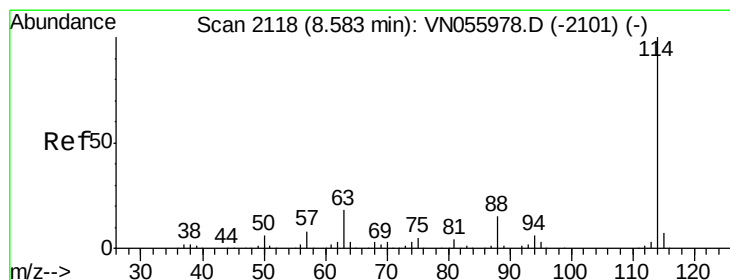
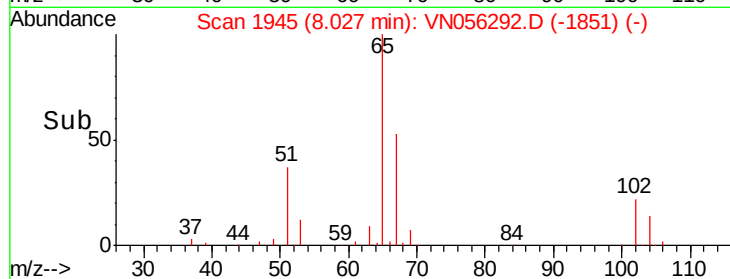
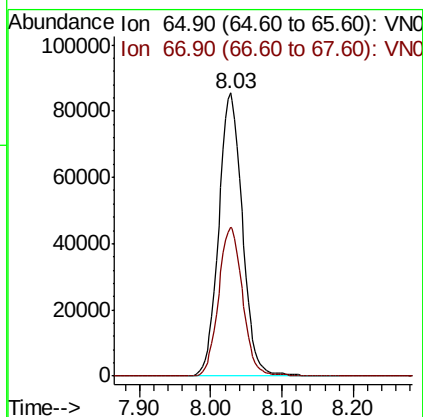
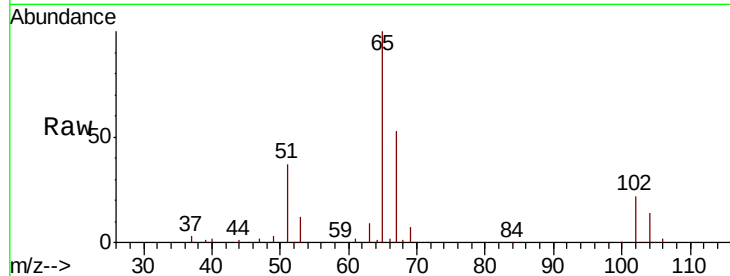




#33
 1,2-Dichloroethane-d4
 Concen: 58.054 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056292.D
 Acq: 13 Jun 2019 19:29

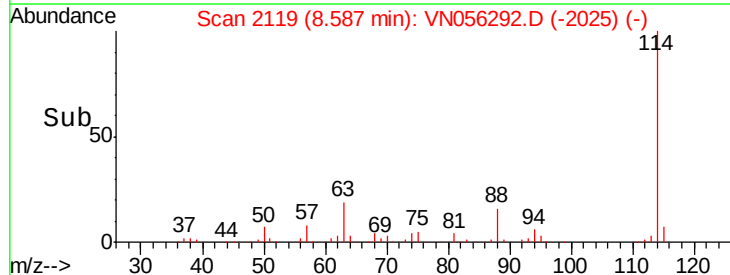
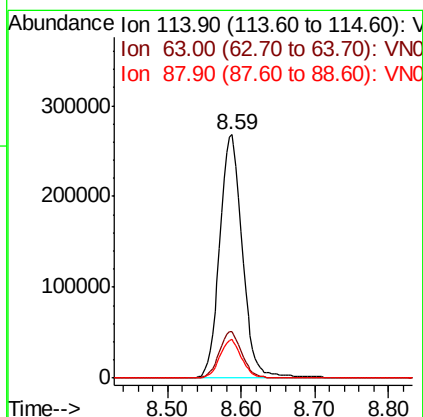
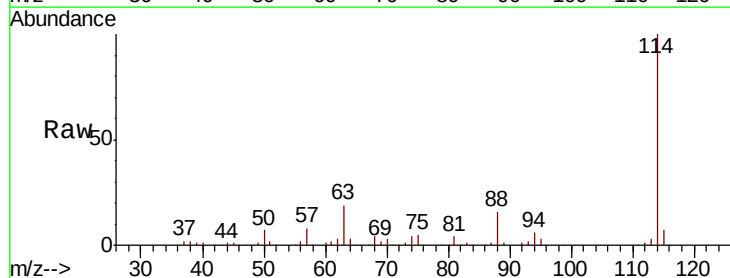
Instrument :
 MSVOA_N
 ClientSampled :

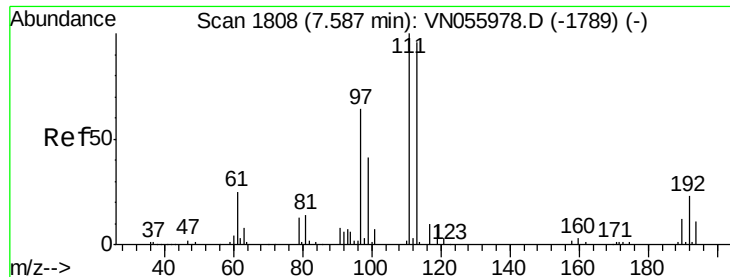
Tot Ion: 65 Resp: 197466
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056292.D
 Acq: 13 Jun 2019 19:29

Tgt Ion: 114 Resp: 575092
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.8 0.0 31.0

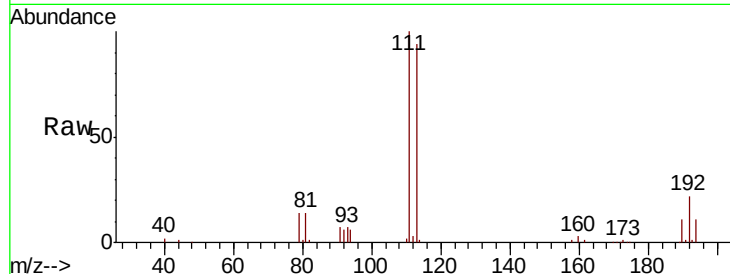




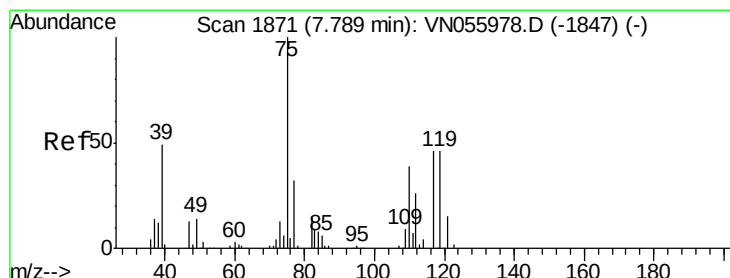
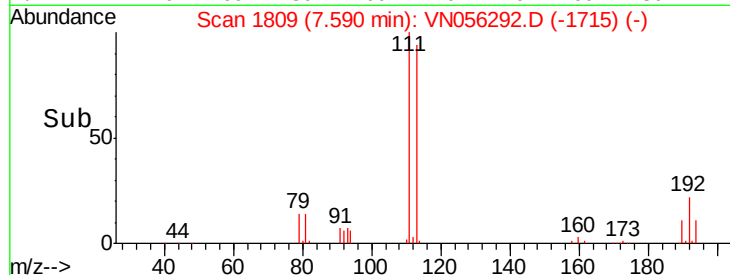
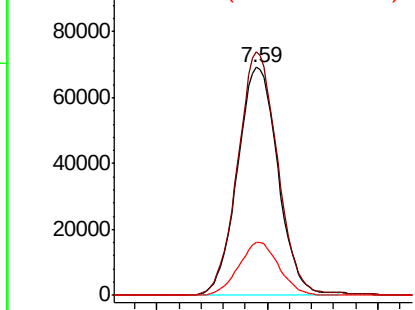
#35
 Dibromofluoromethane
 Concen: 49.975 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056292.D
 Acq: 13 Jun 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 176332
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.9 122.9
 192 23.1 19.5 29.3

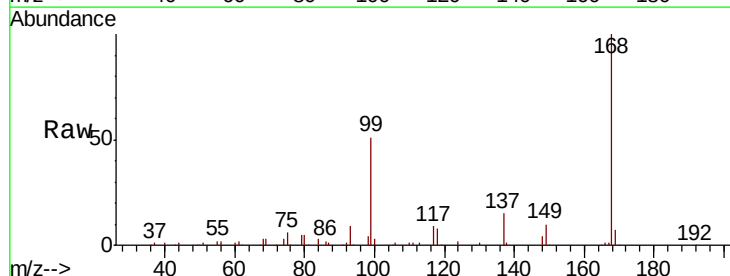


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

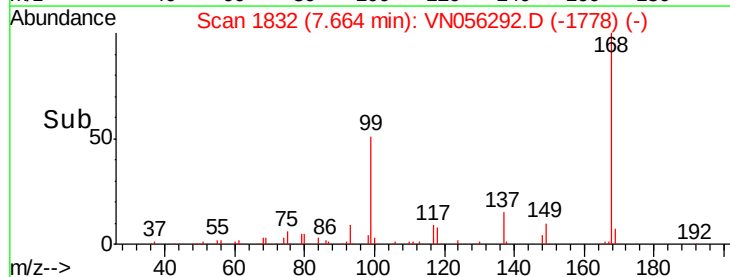
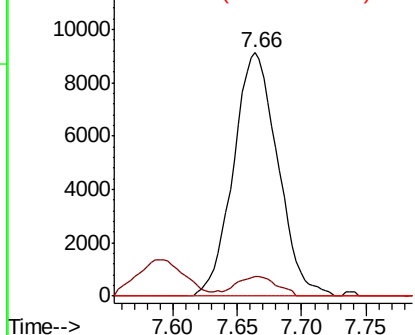


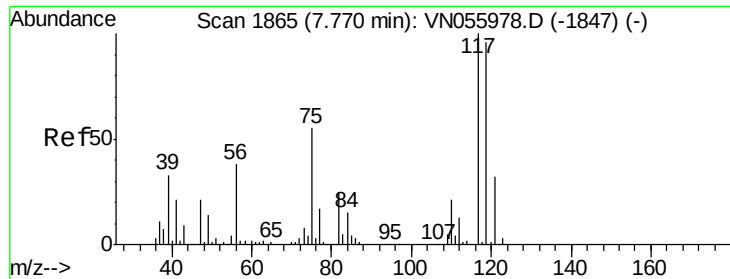
#36
 1,1-Dichloropropene
 Concen: 4.415 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056292.D
 Acq: 13 Jun 2019 19:29

Tgt Ion: 75 Resp: 21830
 Ion Ratio Lower Upper
 75 100
 110 7.4 19.0 57.0#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

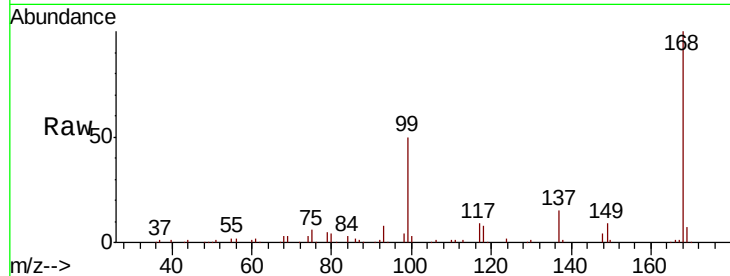




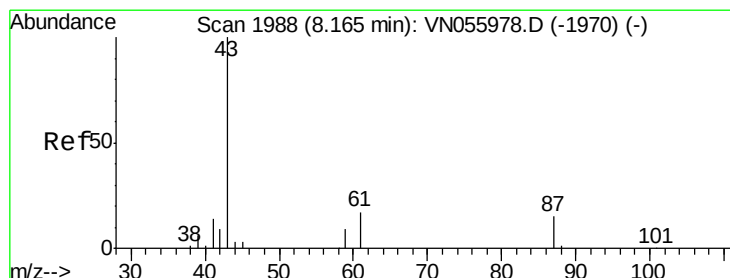
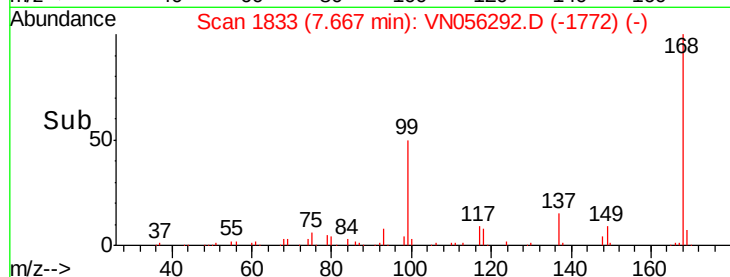
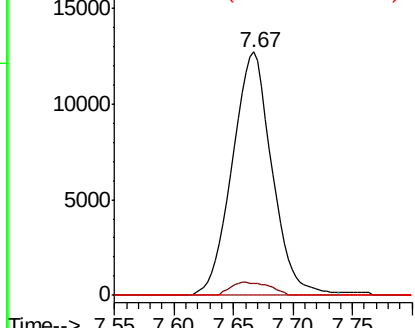
#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 29481
Ion Ratio Lower Upper
117 100
119 5.1 79.0 118.6#
121 0.0 24.7 37.1#

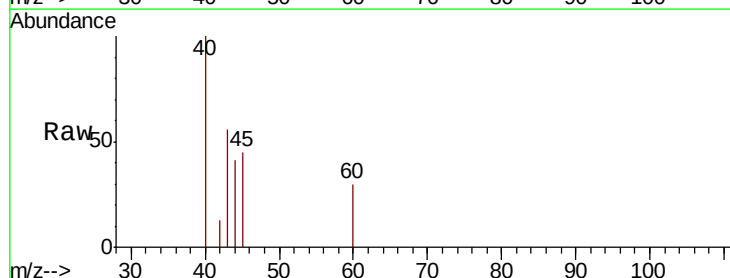


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

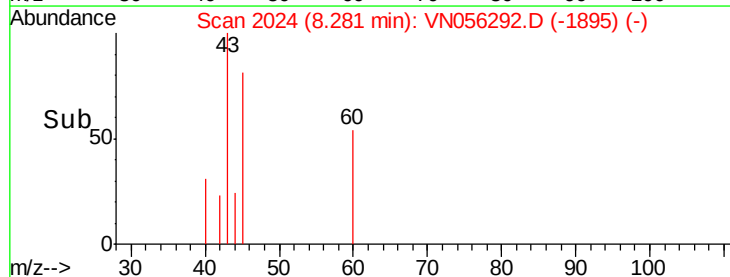
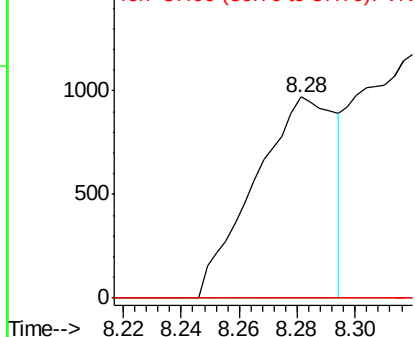


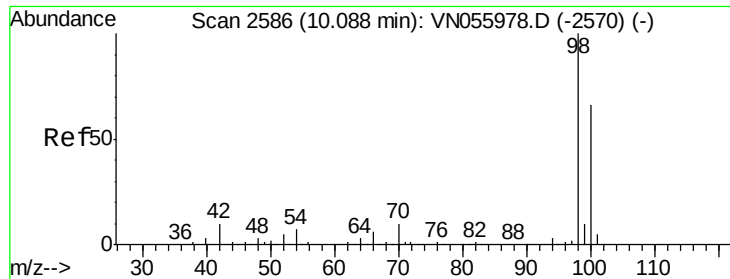
#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 8.28 min Scan# 2024
Delta R.T. 0.12 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

Tgt Ion: 43 Resp: 1879
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.4 17.2#



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





#50

Toluene-d8

Concen: 52.162 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

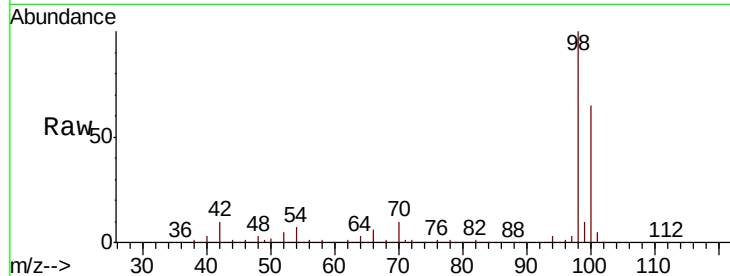
ClientSampleId :

Tot Ion: 98 Resp: 708218

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

400000

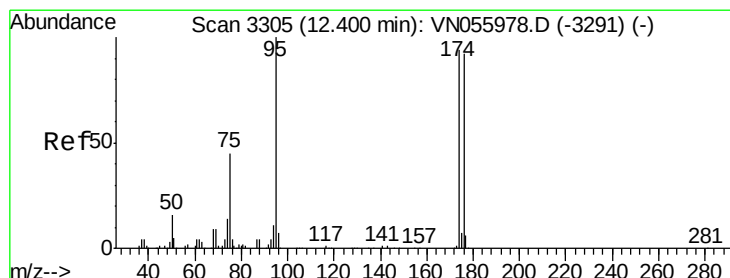
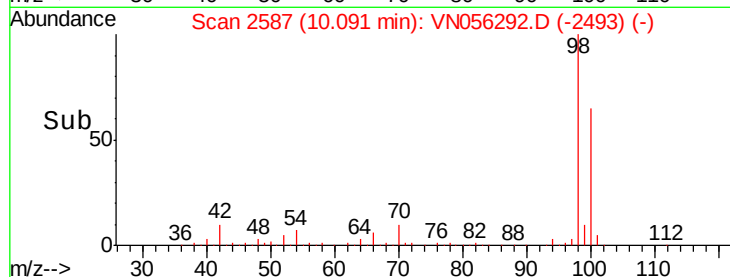
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.231 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

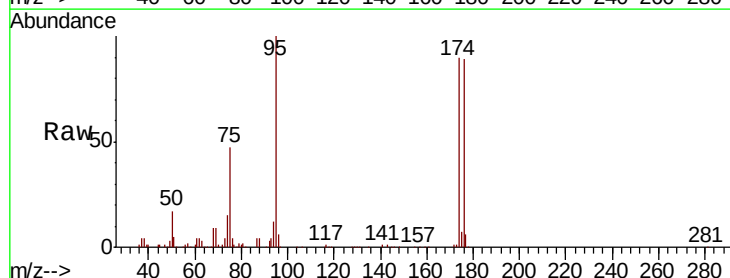
Tgt Ion: 95 Resp: 218077

Ion Ratio Lower Upper

95 100

174 91.2 0.0 191.0

176 88.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

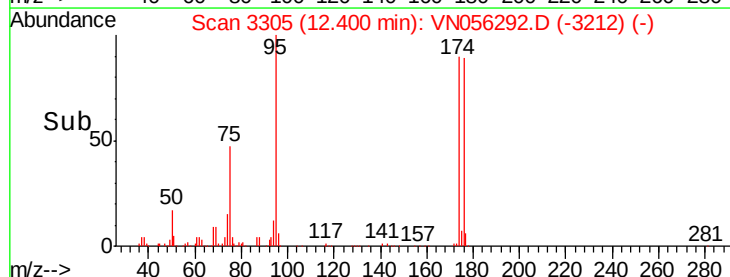
150000

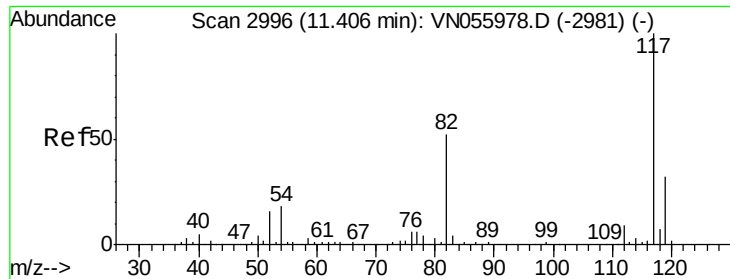
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

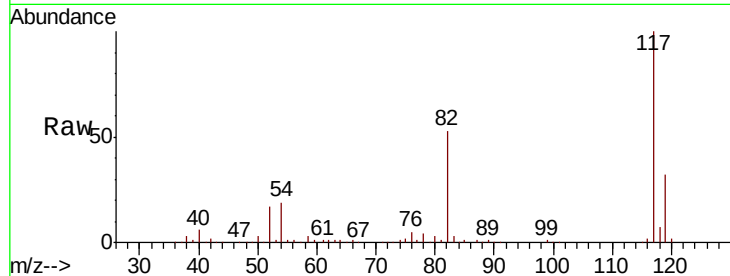
Tot Ion:117 Resp: 552811

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

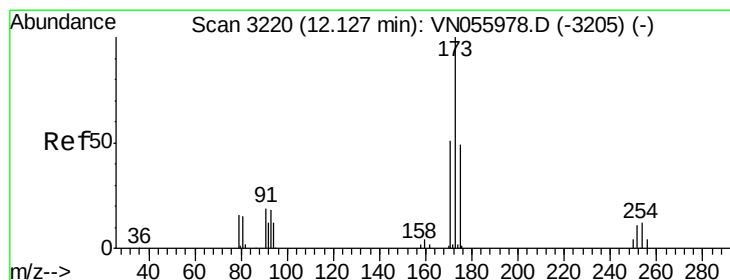
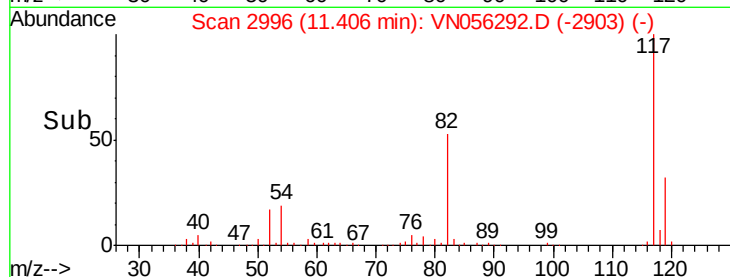
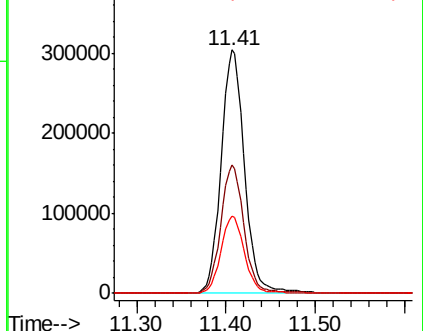
119 31.7 25.4 38.0



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



#71

Bromoform

Concen: 3.190 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

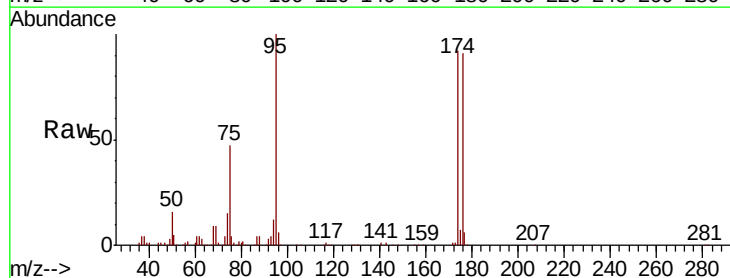
Tgt Ion:173 Resp: 1510

Ion Ratio Lower Upper

173 100

175 800.5 24.3 72.8#

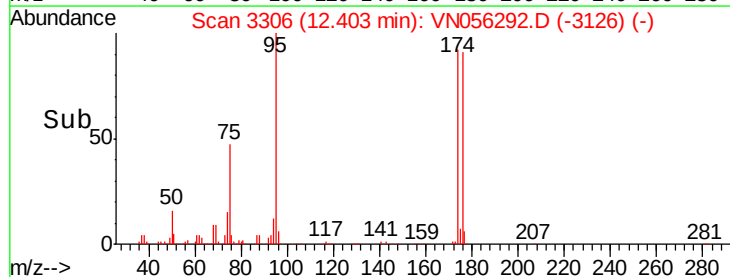
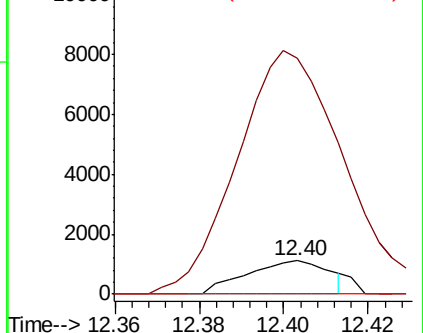
254 0.0 0.0 0.0

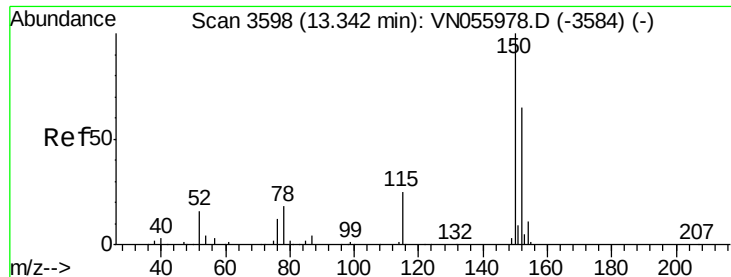


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



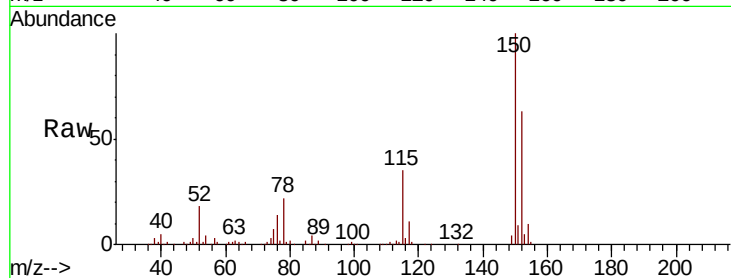


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.0	81.0
150	157.8	0.0	343.2

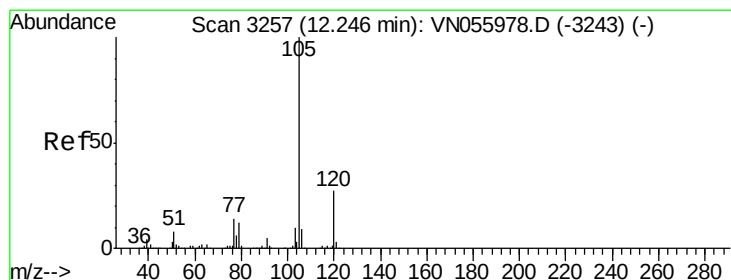
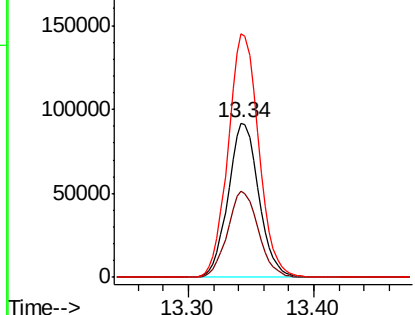
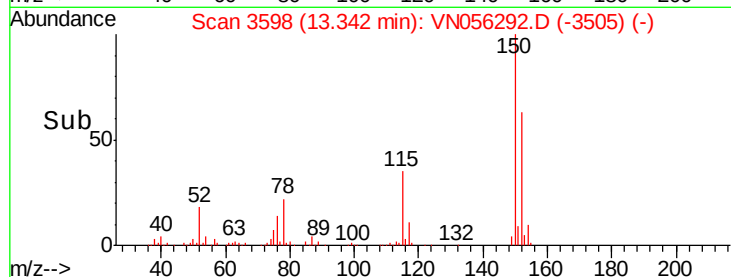


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

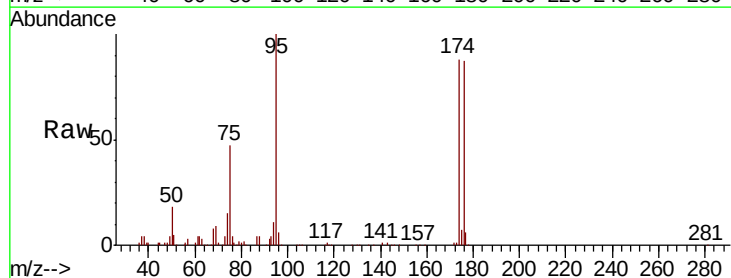
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: Below Cal
RT: 12.40 min Scan# 3304
Delta R.T. 0.15 min
Lab File: VN056292.D
Acq: 13 Jun 2019 19:29

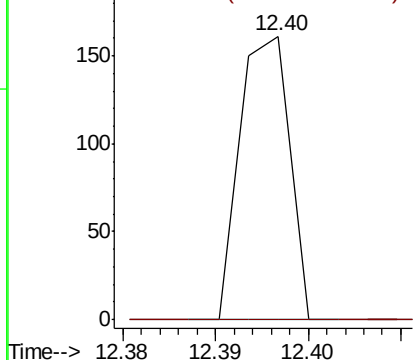
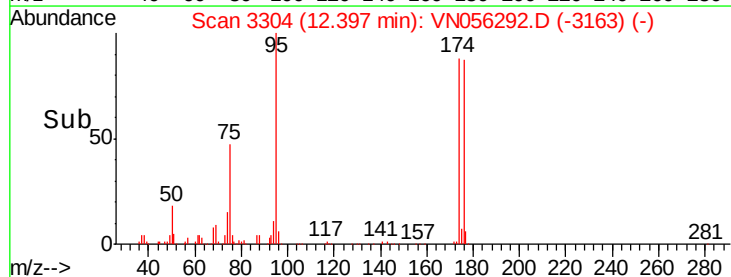
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#

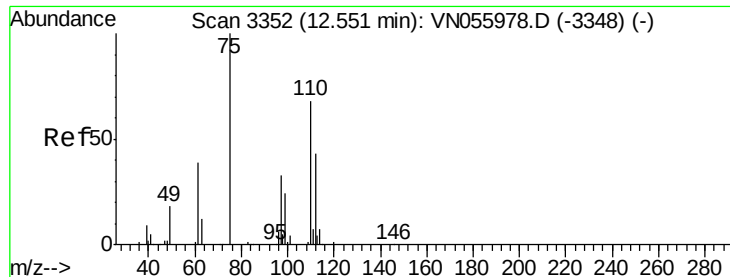


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 35.134 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

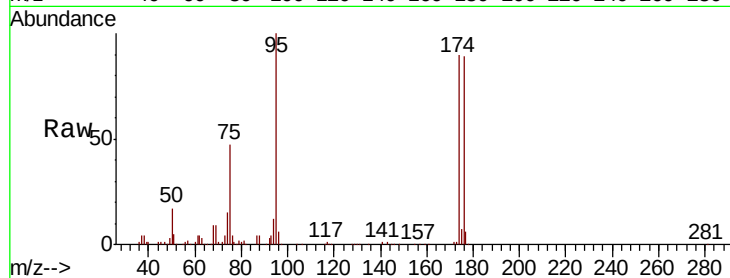
ClientSampleId :

Tot Ion: 75 Resp: 100562

Ion Ratio Lower Upper

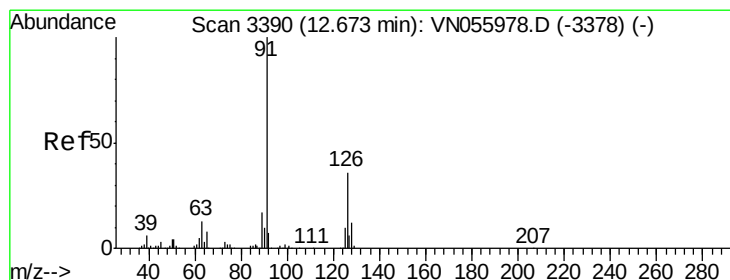
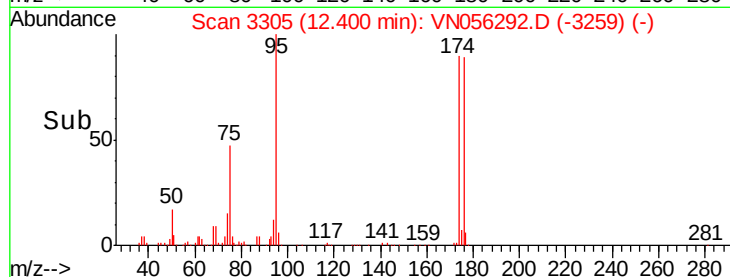
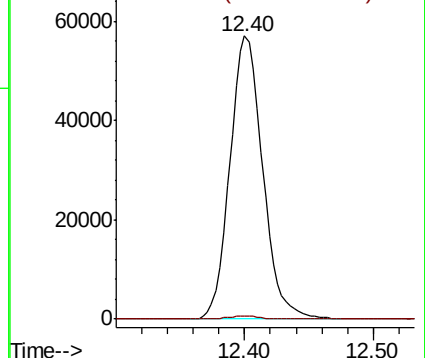
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.27 min

Lab File: VN056292.D

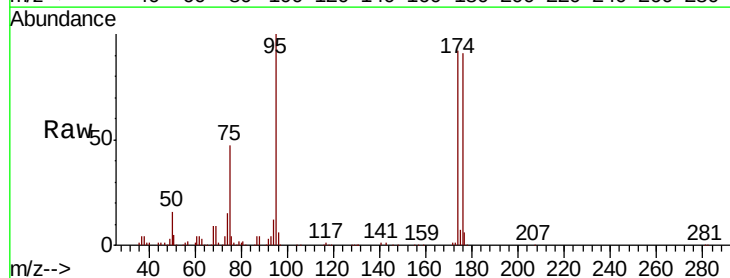
Acq: 13 Jun 2019 19:29

Tgt Ion: 91 Resp: 516

Ion Ratio Lower Upper

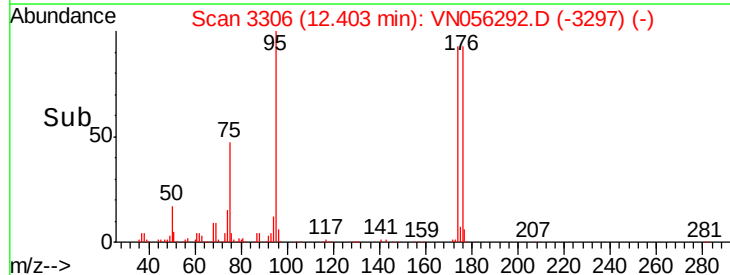
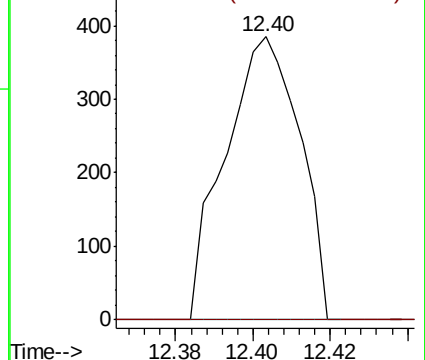
91 100

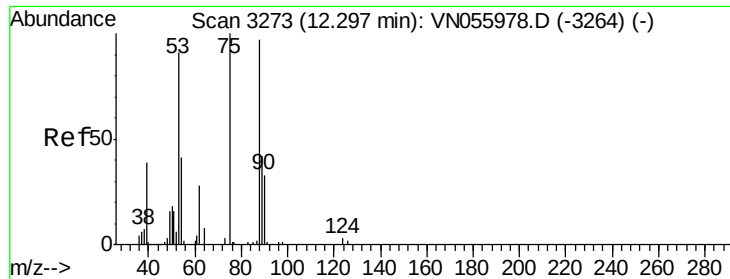
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 117.002 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

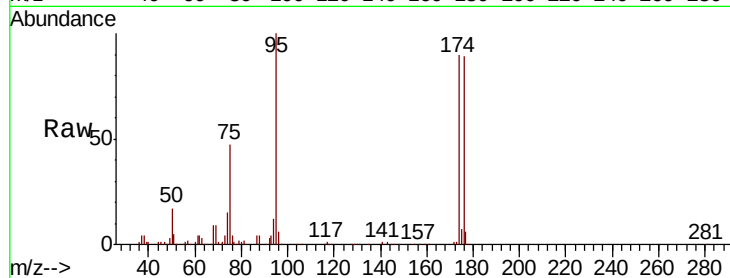
Tot Ion: 75 Resp: 100562

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

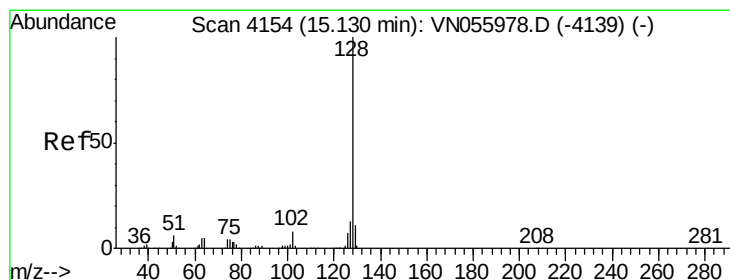
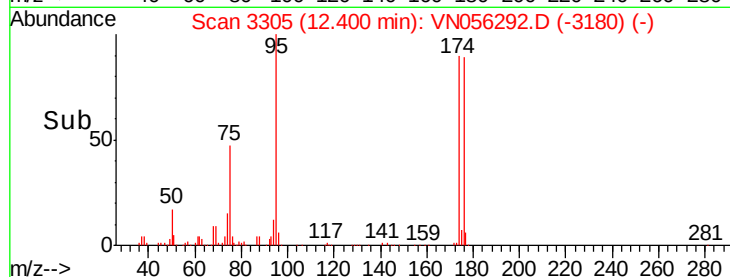
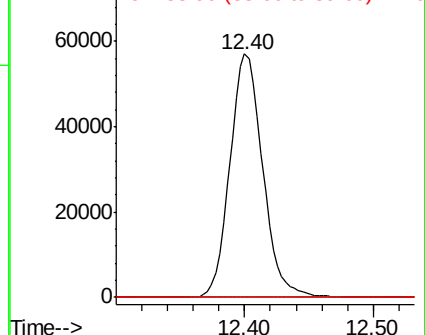
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#95

Naphthalene

Concen: 3.855 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056292.D

Acq: 13 Jun 2019 19:29

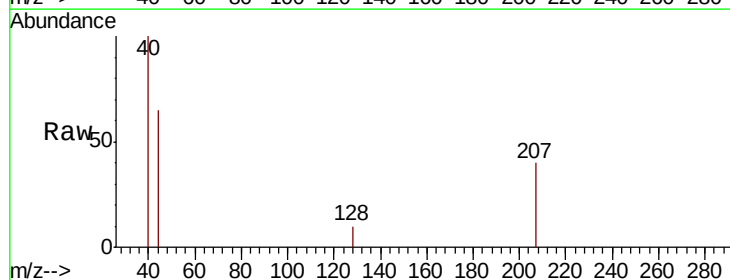
Tgt Ion: 128 Resp: 30

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



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

