

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056414.D
 Acq On : 21 Jun 2019 10:35
 Operator : JC/SP
 Sample : VN0621WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

Quant Time: Jun 22 01:44:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	361640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	604224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169784	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	204088	50.92	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.59	113	178902	47.46	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.09	98	747338	50.95	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	234779	48.02	ug/l	0.00
Spiked Amount						

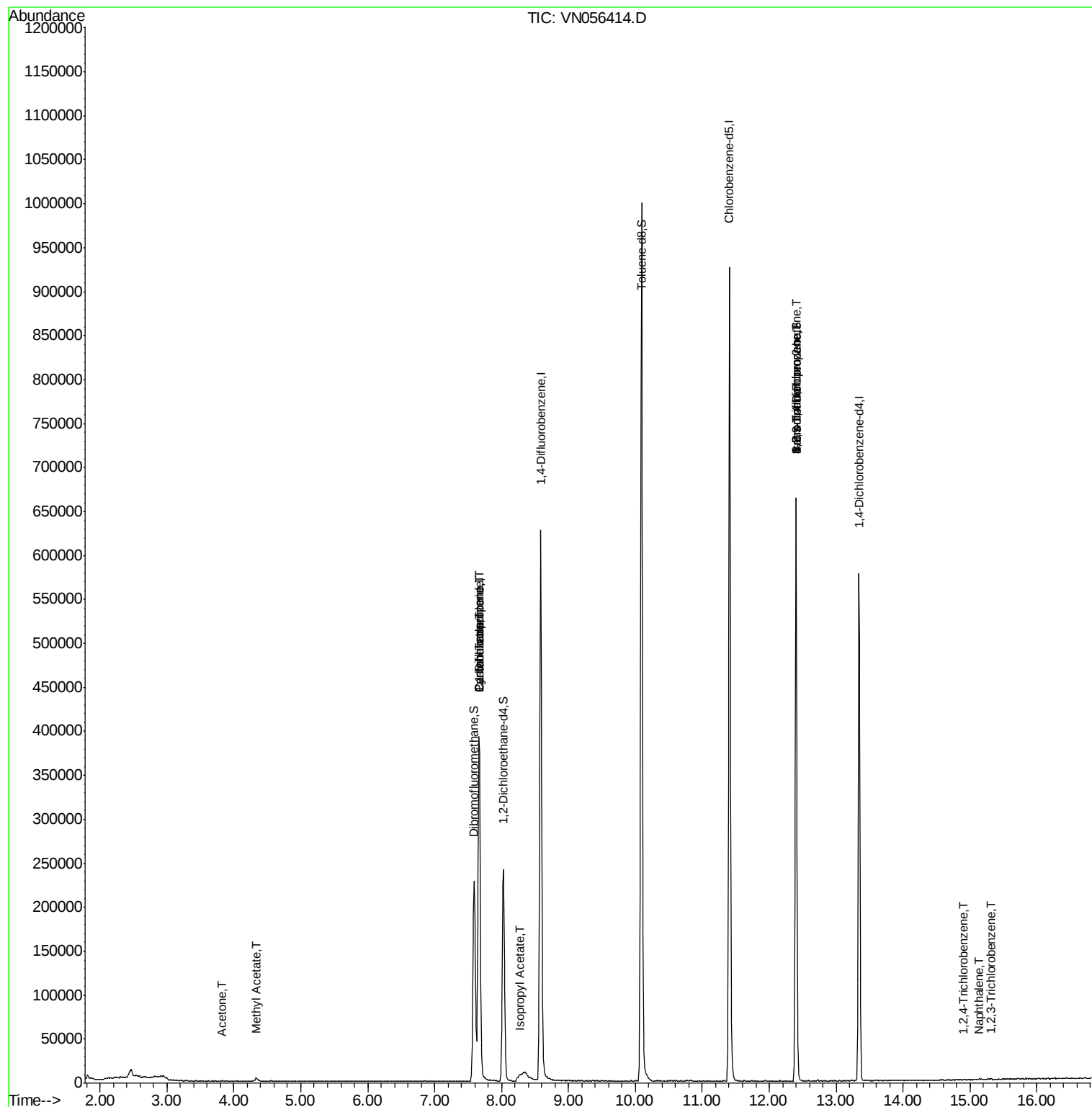
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	540	0.269	ug/l #	42
18) Methyl Acetate	4.33	43	7291	1.003	ug/l	95
20) Methylene Chloride	4.55	84	95	Below Cal	#	53
31) Cyclohexane	7.66	56	5785	0.935	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22734	4.275	ug/l #	49
38) Carbon Tetrachloride	7.66	117	30378	6.532	ug/l #	15
43) Isopropyl Acetate	8.27	43	6634	0.823	ug/l #	54
71) Bromoform	12.39	173	362	3.248	ug/l #	28
73) Isopropylbenzene	12.25	105	151	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	110849	31.487	ug/l #	100
79) 2-Chlorotoluene	12.68	91	123	Below Cal	#	40
81) trans-1,4-Dichloro-2-buten	12.40	75	110849	111.908	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	284	5.699	ug/l #	57
95) Naphthalene	15.14	128	934	5.352	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.32	180	500	4.629	ug/l #	44

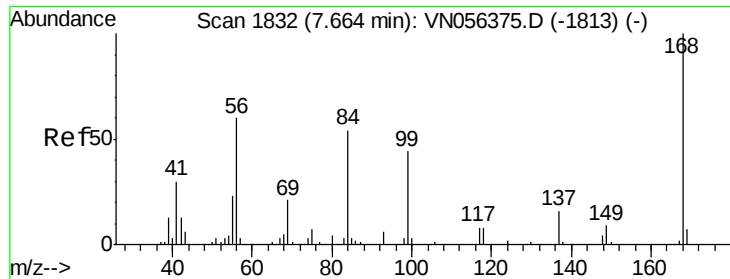
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
Data File : VN056414.D
Acq On : 21 Jun 2019 10:35
Operator : JC/SP
Sample : VN0621WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

Quant Time: Jun 22 01:44:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

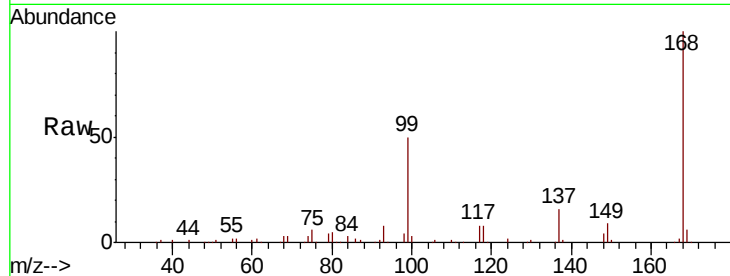
VN0621WBL01

Tot Ion:168 Resp: 361640

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056414.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056414.D (-1739) (-)

7.67

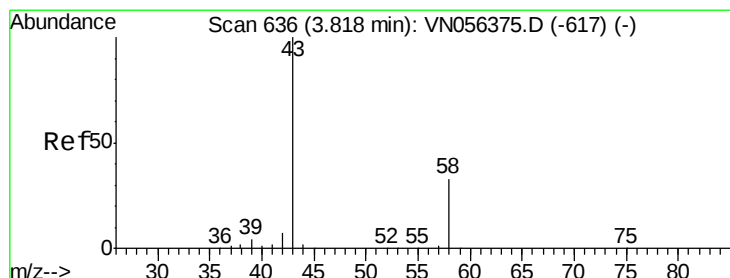
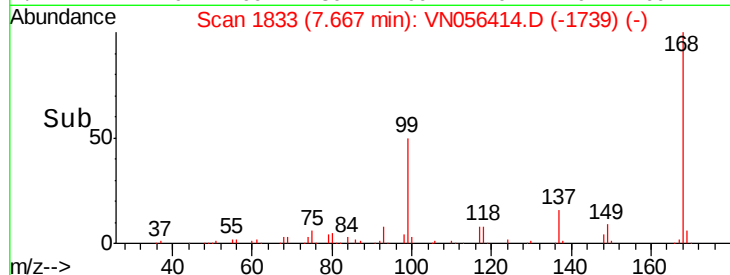
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.269 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN056414.D

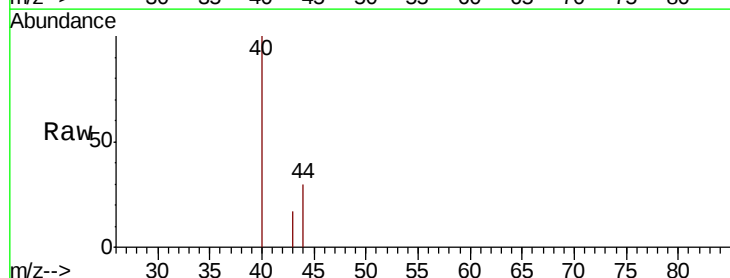
Acq: 21 Jun 2019 10:35

Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN056414.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056414.D (-543) (-)

3.83

400

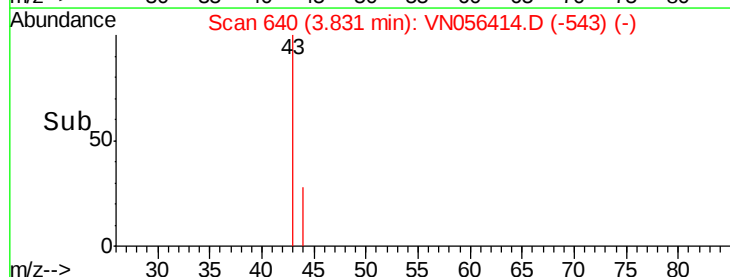
300

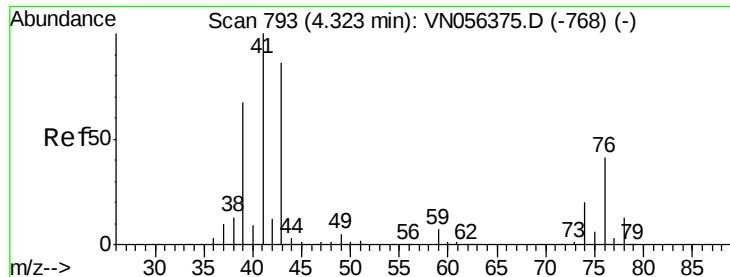
200

100

0

Time-->

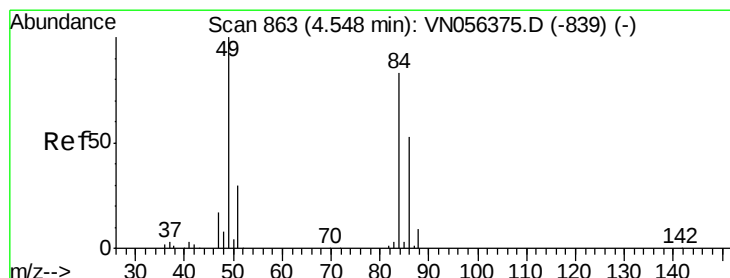
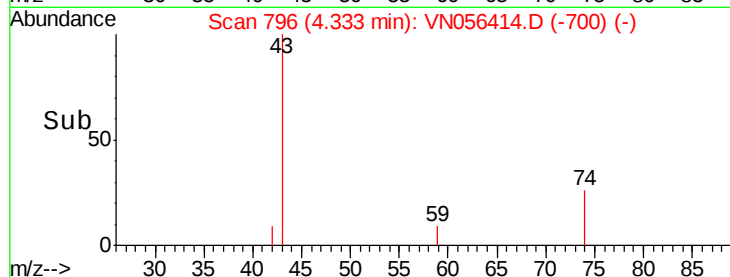
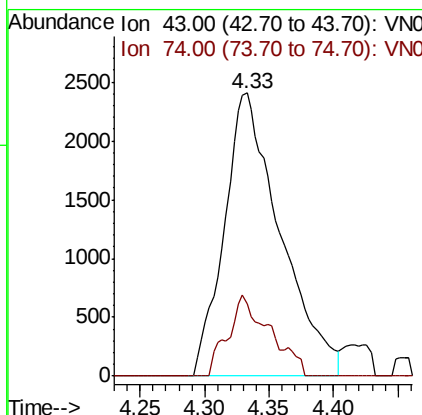
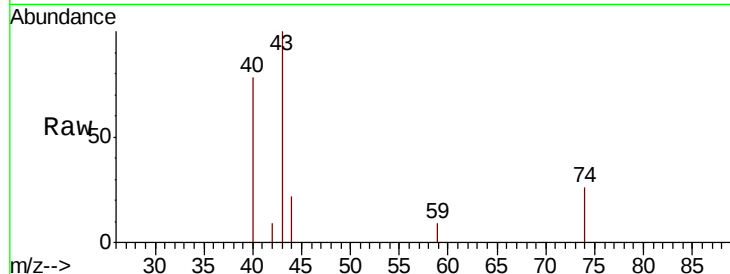




#18
Methyl Acetate
Concen: 1.003 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056414.D
Acq: 21 Jun 2019 10:35

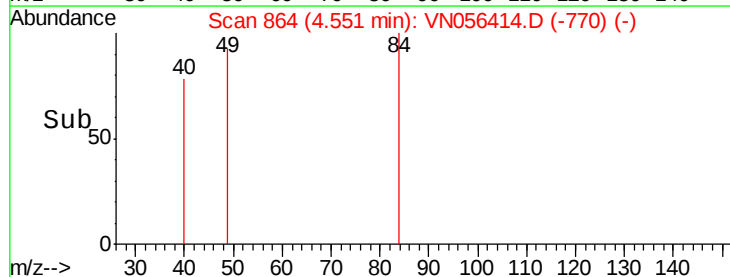
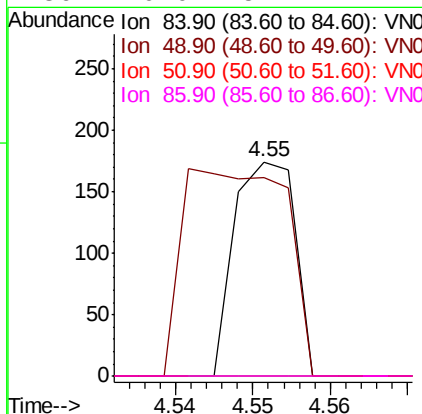
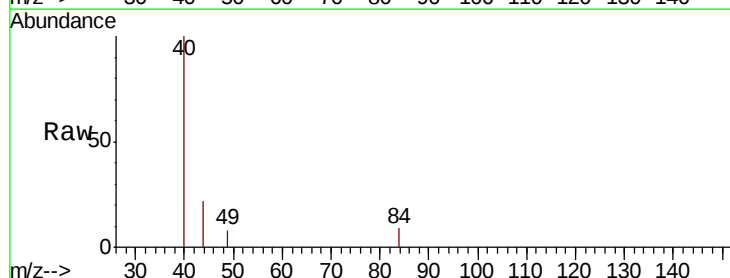
Instrument :
MSVOA_N
ClientSampled :
VN0621WBL01

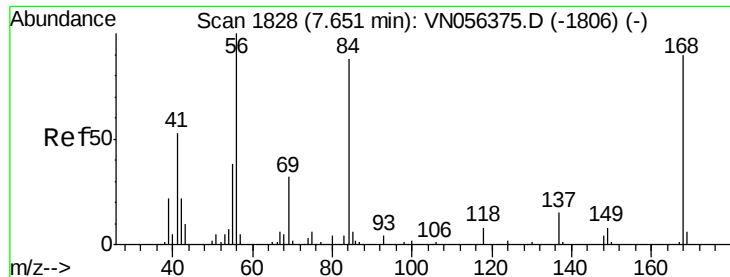
Tot Ion: 43 Resp: 7291
Ion Ratio Lower Upper
43 100
74 21.3 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056414.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 84 Resp: 95
Ion Ratio Lower Upper
84 100
49 93.1 96.4 144.6#
51 0.0 28.6 43.0#
86 0.0 51.4 77.2#

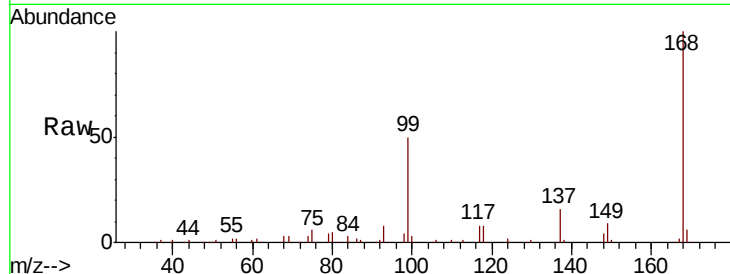




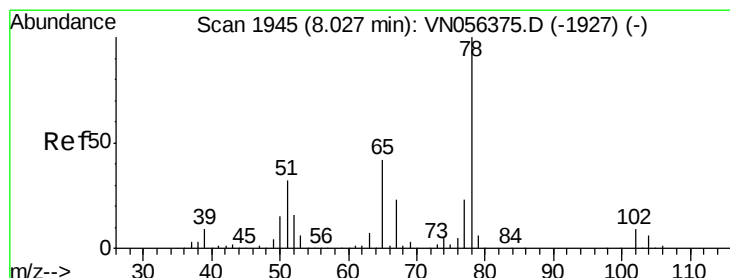
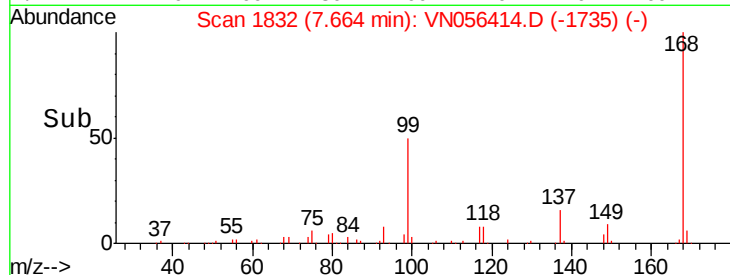
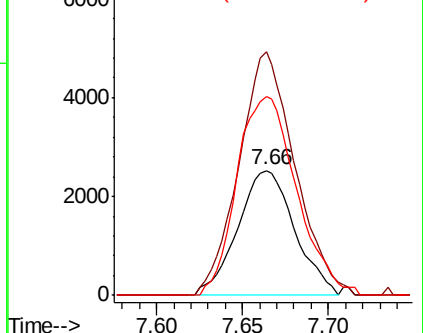
#31
Cyclohexane
Concen: 0.935 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056414.D
Acq: 21 Jun 2019 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

Tot Ion: 56 Resp: 5785
Ion Ratio Lower Upper
56 100
69 195.2 25.8 38.6#
84 159.8 69.4 104.0#

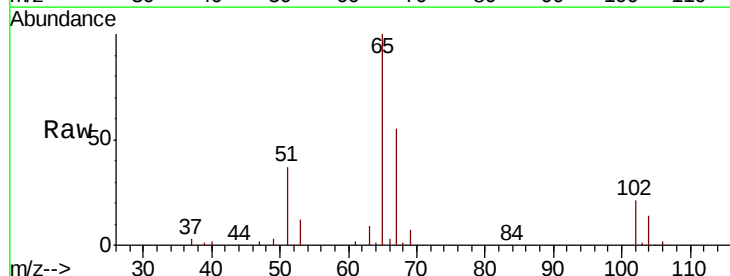


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

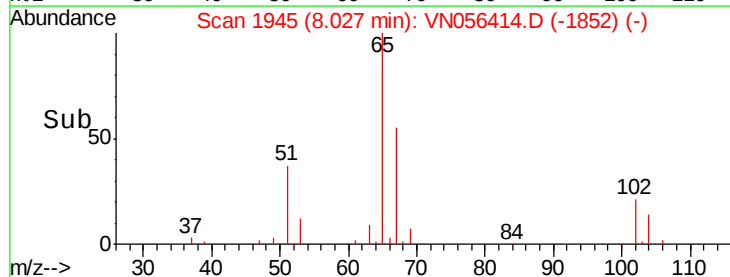
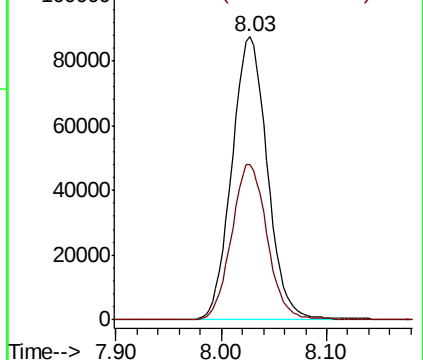


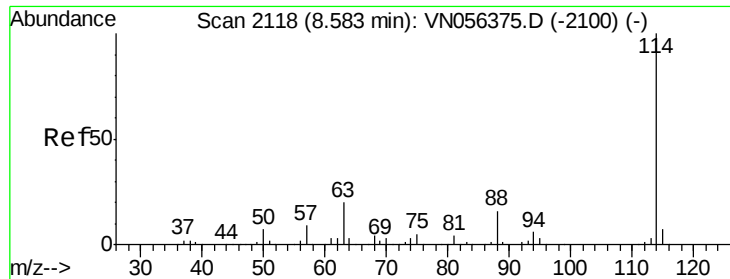
#33
1,2-Dichloroethane-d4
Concen: 50.919 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056414.D
Acq: 21 Jun 2019 10:35

Tgt Ion: 65 Resp: 204088
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

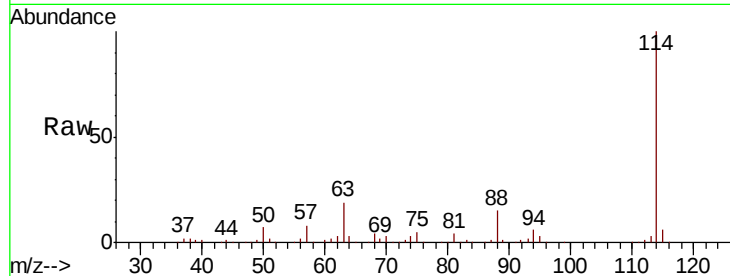




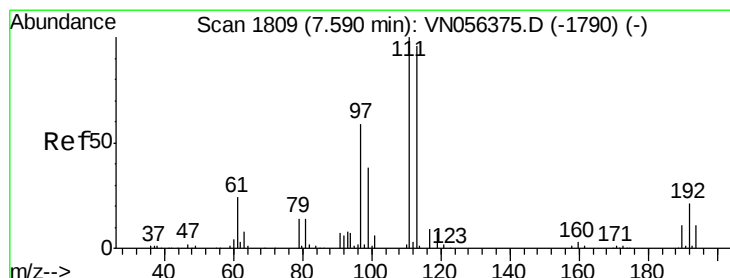
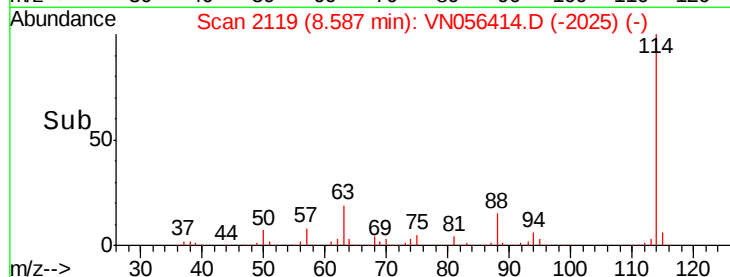
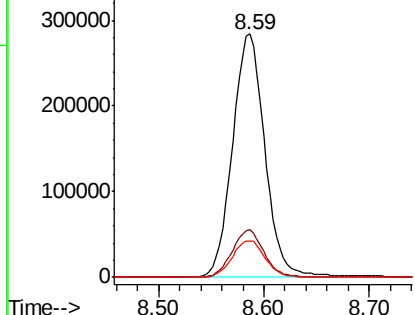
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056414.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

Tot Ion:114 Resp: 604224
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.1 0.0 31.4

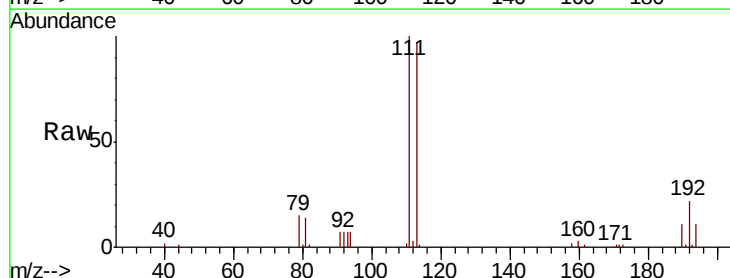


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

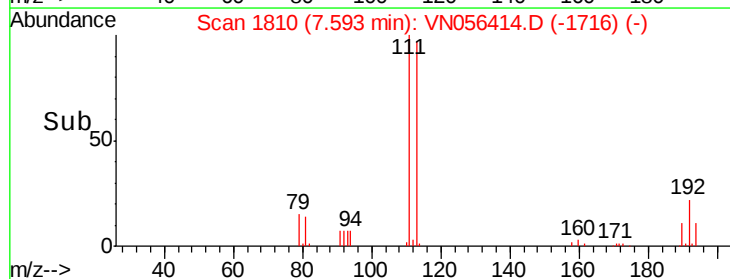
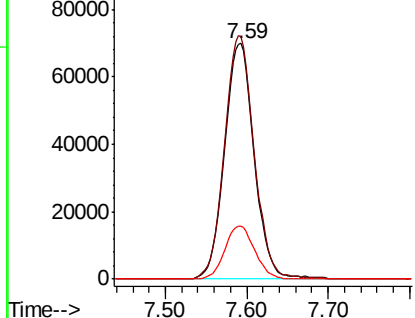


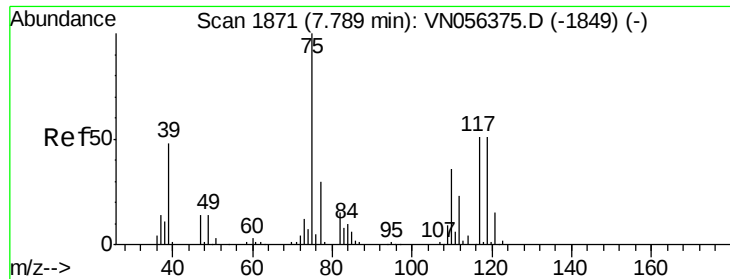
#35
 Dibromofluoromethane
 Concen: 47.462 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056414.D
 Acq: 21 Jun 2019 10:35

Tgt Ion:113 Resp: 178902
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 22.5 17.7 26.5



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: 4.275 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL01

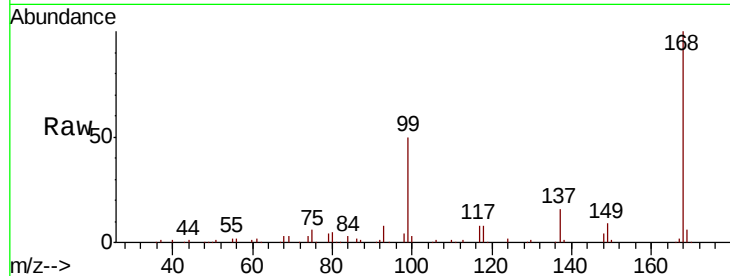
Tot Ion: 75 Resp: 22734

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 24.6 36.8#

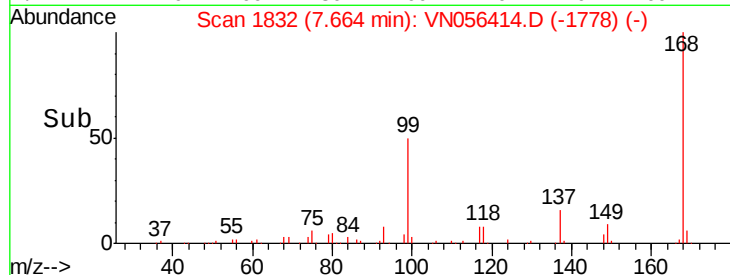


Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN056375.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-1849) (-)

Time-->

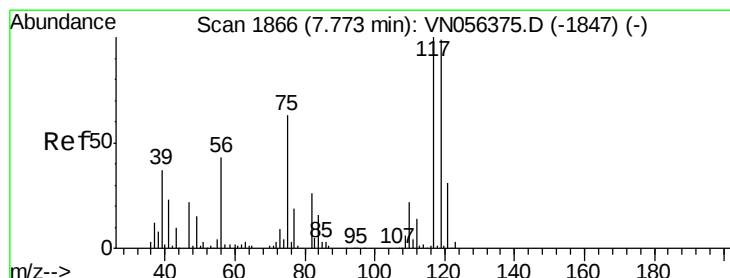


Abundance Ion 74.90 (74.60 to 75.60): VN056414.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056414.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056414.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.532 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

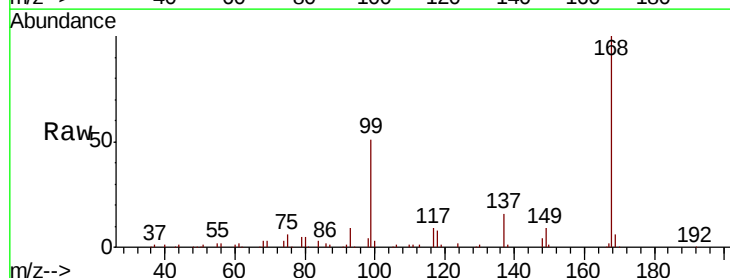
Tgt Ion: 117 Resp: 30378

Ion Ratio Lower Upper

117 100

119 6.0 79.1 118.7#

121 0.0 24.8 37.2#

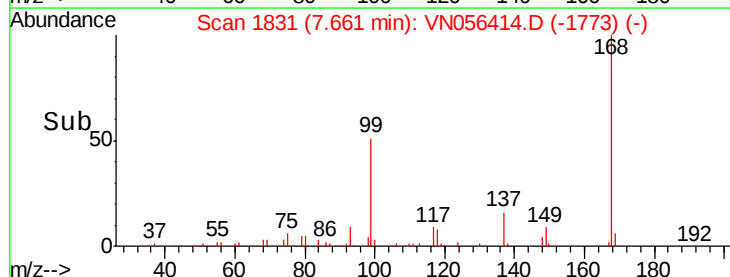


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN056375.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056375.D (-1847) (-)

Time-->

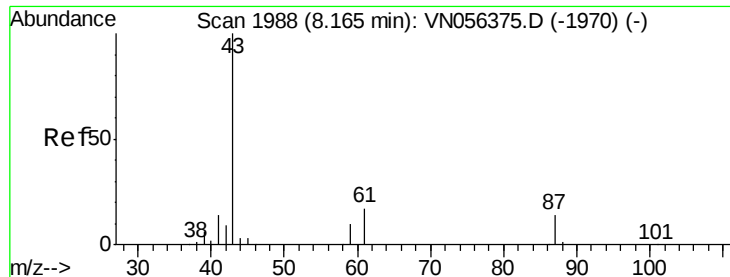


Abundance Ion 116.80 (116.50 to 117.50): VN056414.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056414.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056414.D (-1773) (-)

Time-->



#43

Isopropyl Acetate

Concen: 0.823 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.11 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL01

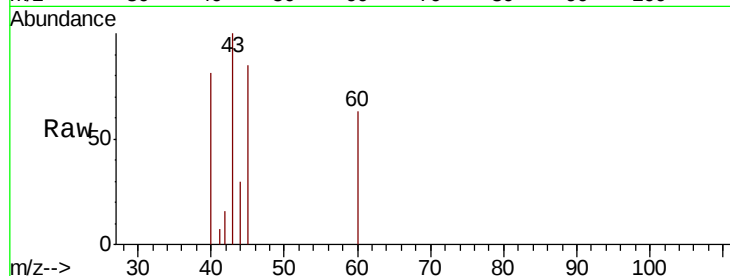
Tot Ion: 43 Resp: 6634

Ion Ratio Lower Upper

43 100

61 0.0 22.0 33.0#

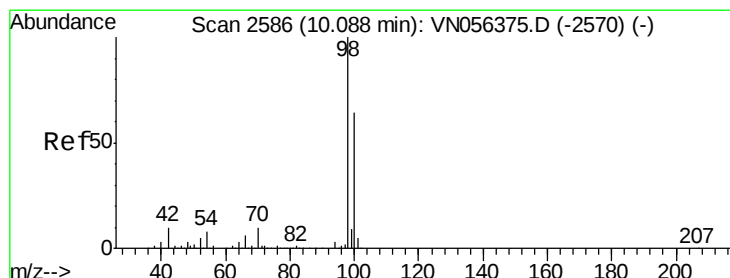
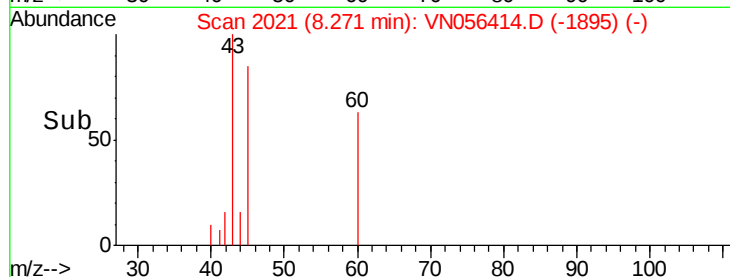
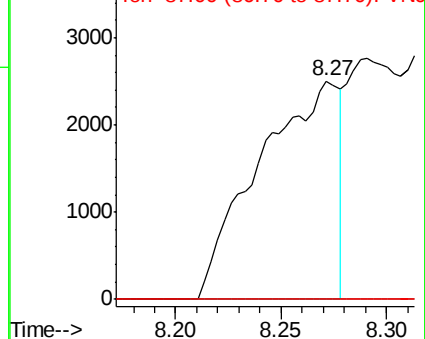
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056414.D

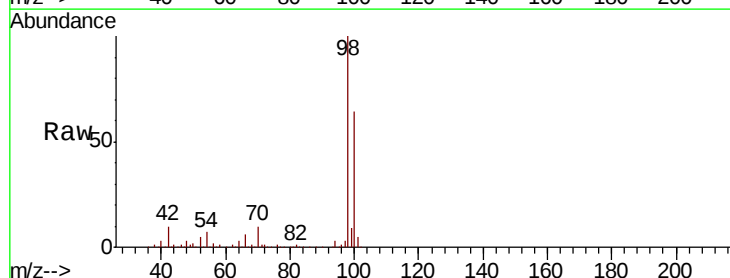
Acq: 21 Jun 2019 10:35

Tgt Ion: 98 Resp: 747338

Ion Ratio Lower Upper

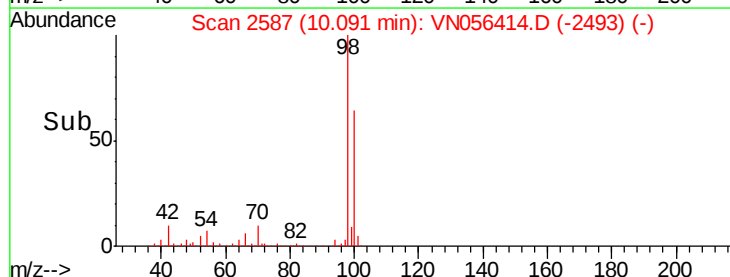
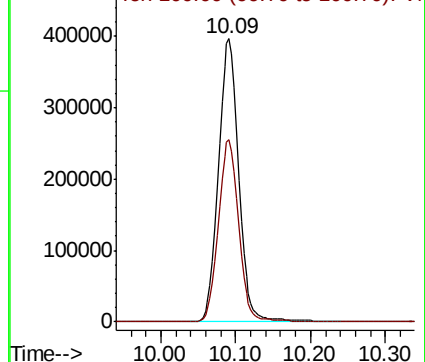
98 100

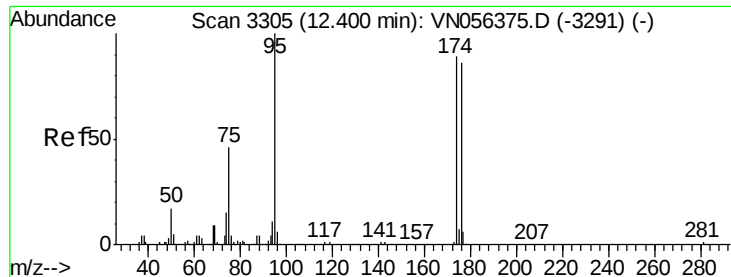
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.019 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL01

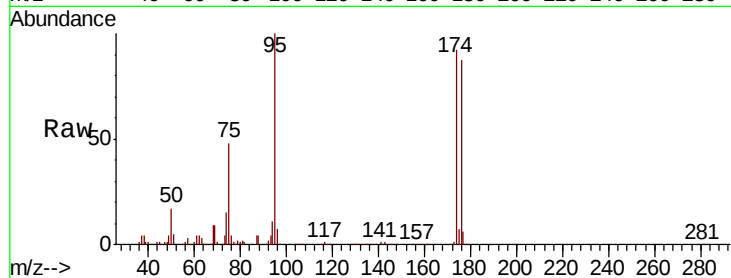
Tot Ion: 95 Resp: 234779

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.4

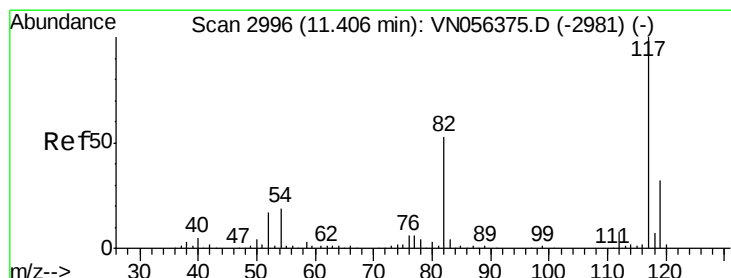
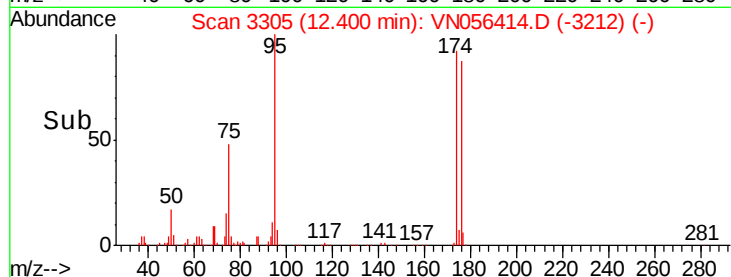
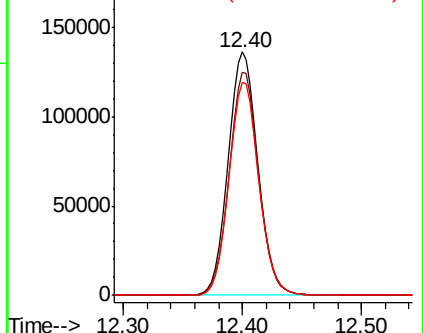
176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056414.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056414.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056414.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

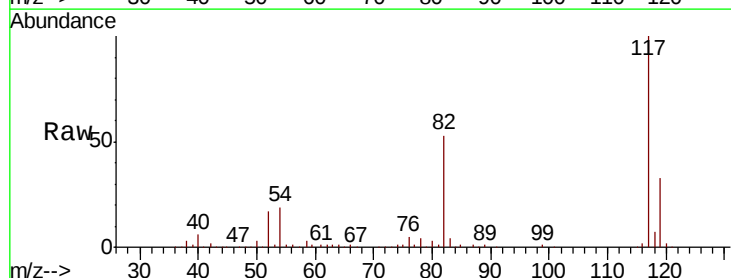
Tgt Ion: 117 Resp: 585153

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

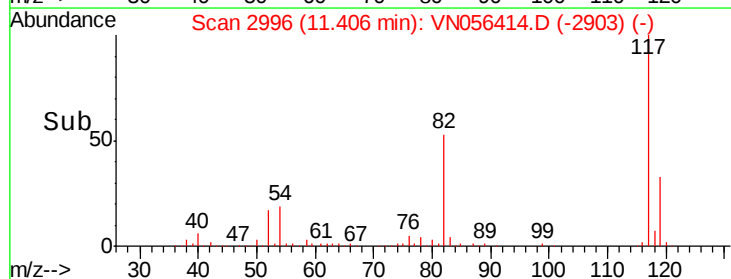
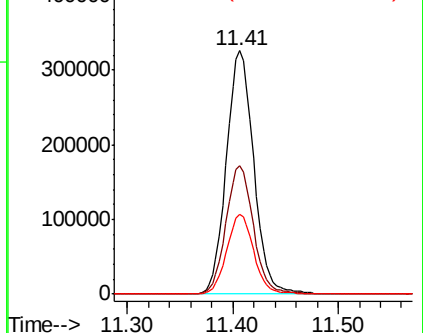
119 32.8 25.3 37.9

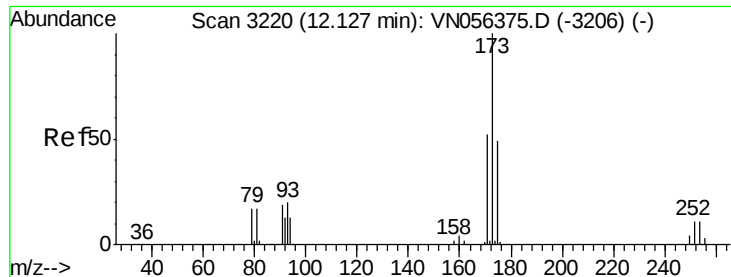


Abundance Ion 116.90 (116.60 to 117.60): VN056414.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056414.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056414.D (-2903) (-)





#71

Bromoform

Concen: 3.248 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL01

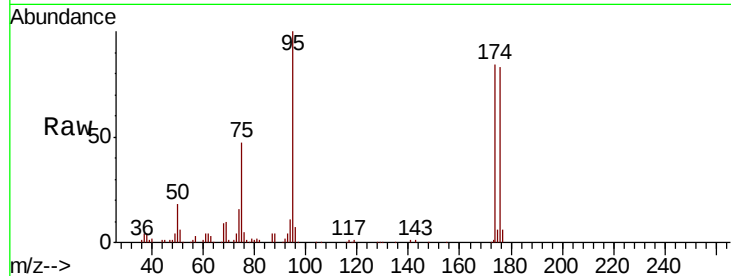
Tot Ion:173 Resp: 362

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

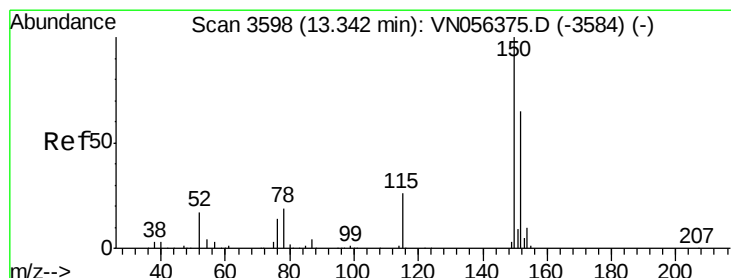
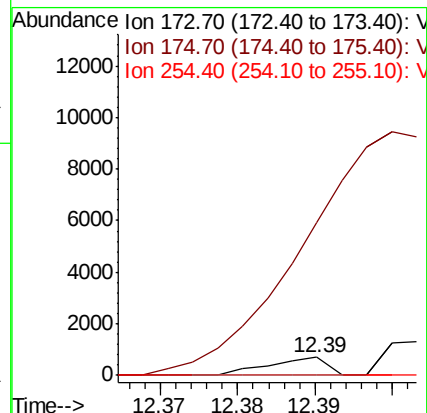
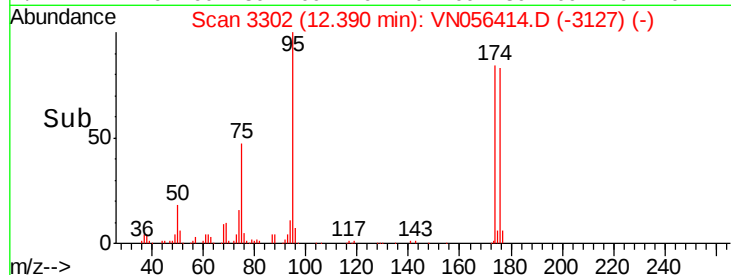
254 0.0 0.0 0.0



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: VN056414.D

Acq: 21 Jun 2019 10:35

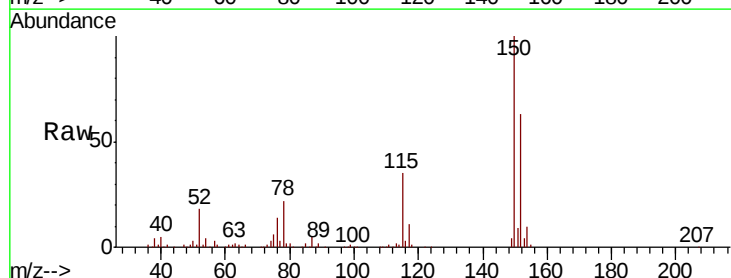
Tgt Ion:152 Resp: 169784

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.4

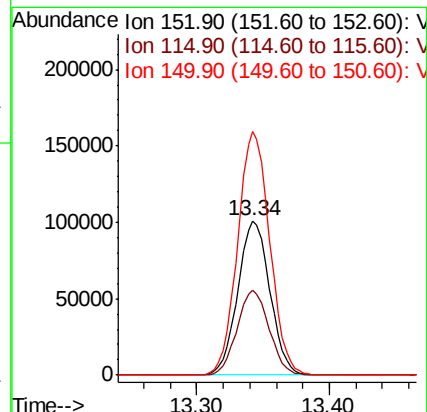
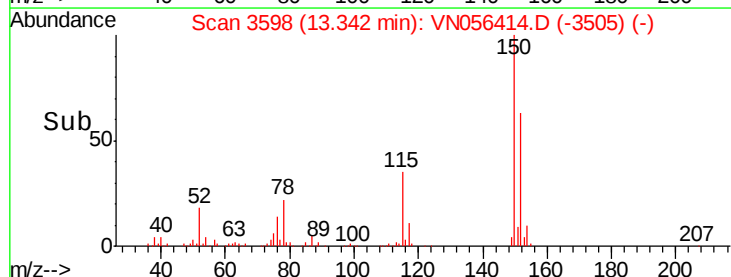
150 157.5 0.0 348.4

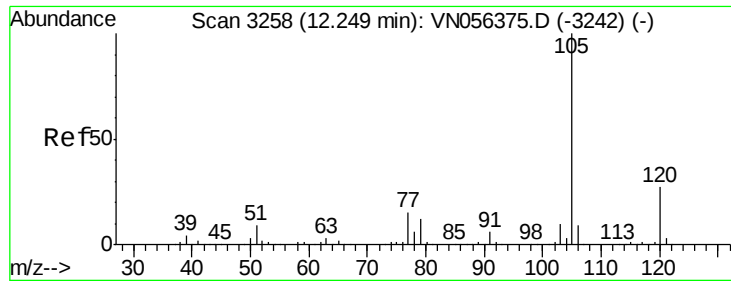


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

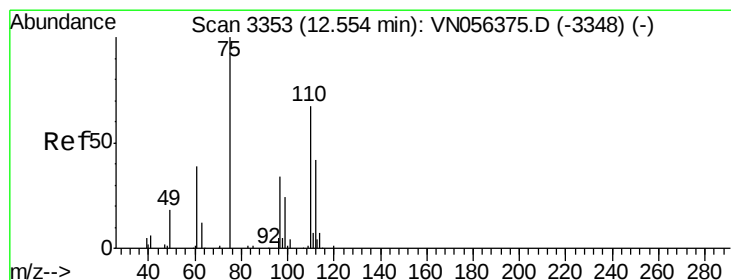
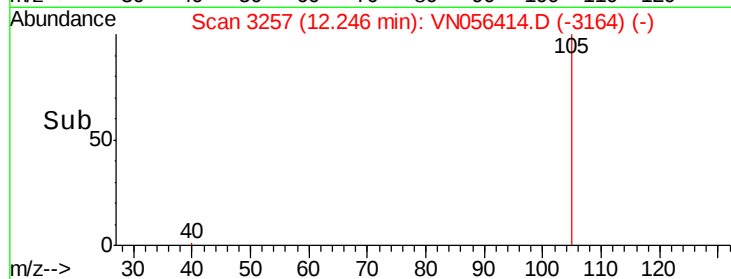
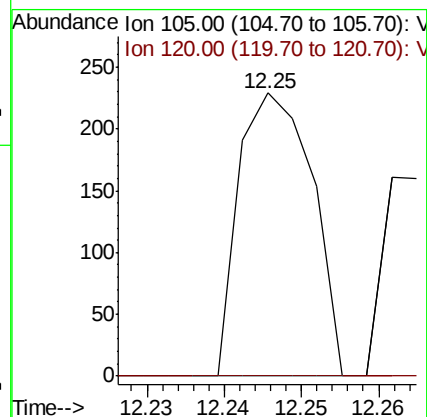
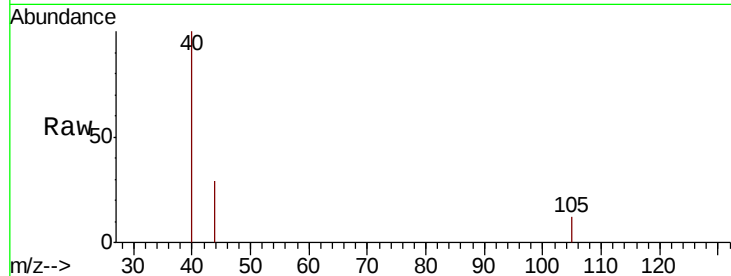
VN0621WBL01

Tot Ion:105 Resp: 151

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 31.487 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056414.D

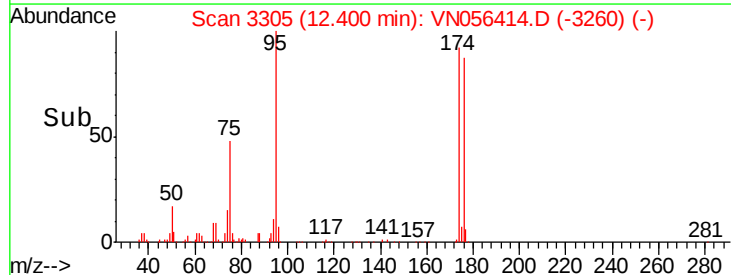
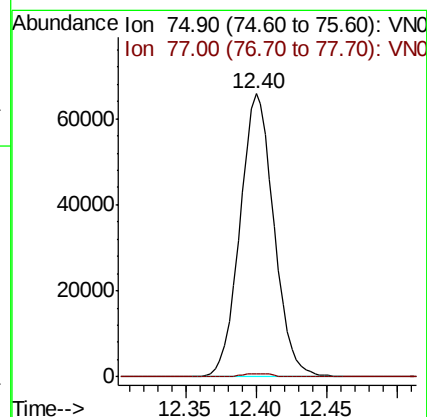
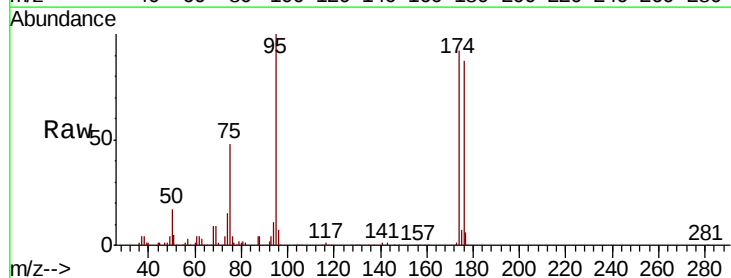
Acq: 21 Jun 2019 10:35

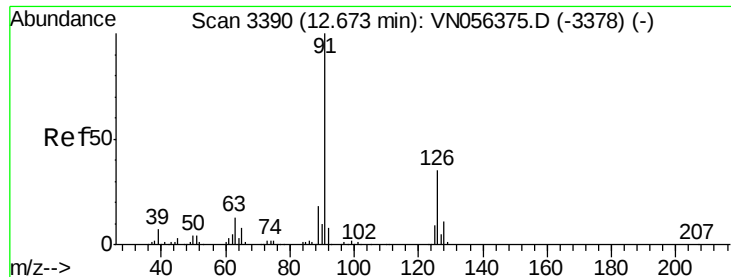
Tgt Ion: 75 Resp: 110849

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampled :

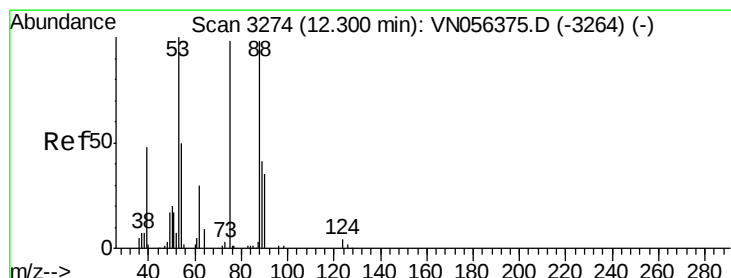
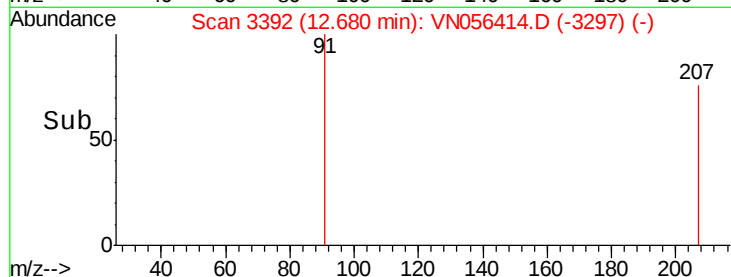
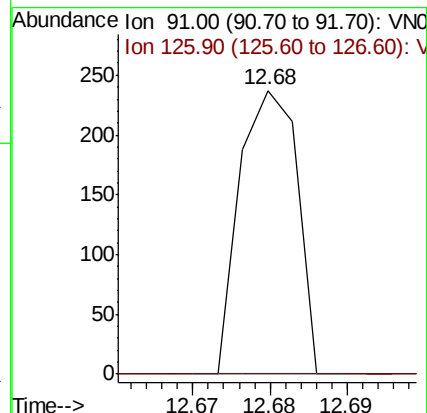
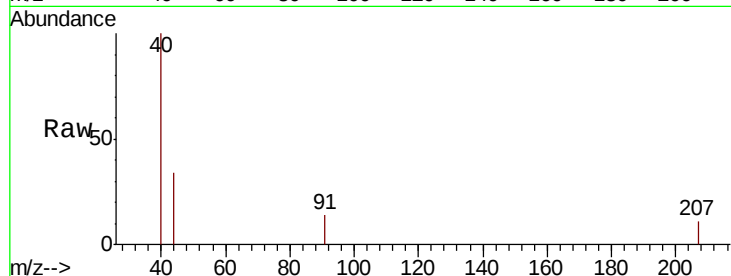
VN0621WBL01

Tot Ion: 91 Resp: 123

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.908 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

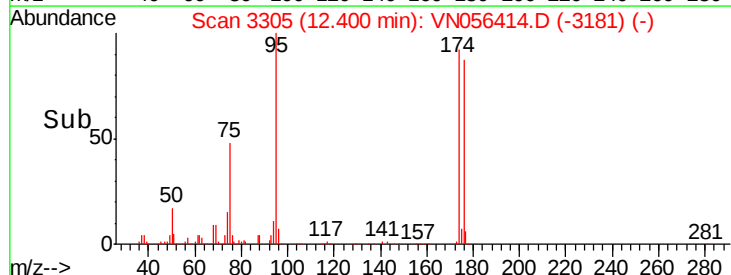
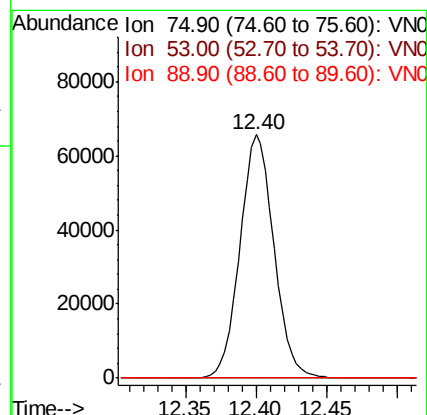
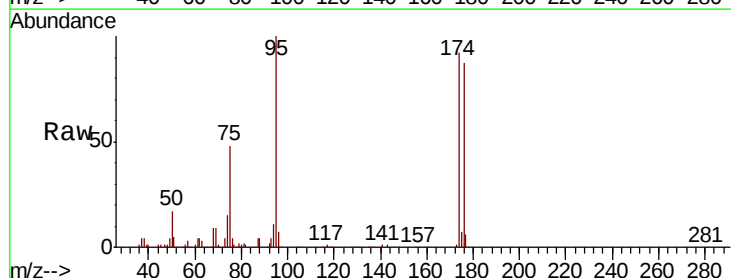
Tgt Ion: 75 Resp: 110849

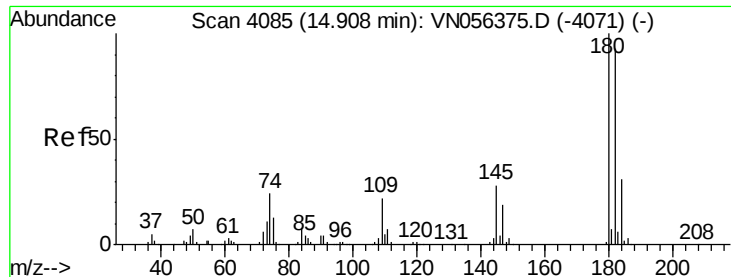
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 35.0 52.6#





#93

1,2,4-Trichlorobenzene

Concen: 5.699 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

Instrument :

MSVOA_N

ClientSampled :

VN0621WBL01

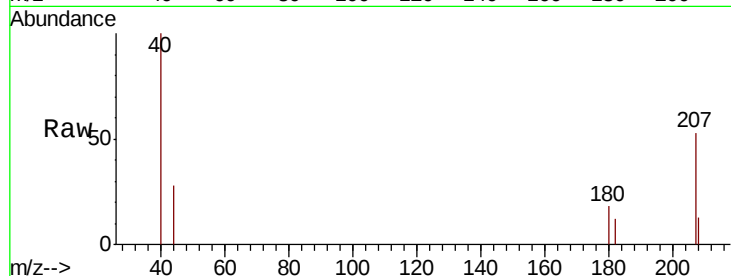
Tot Ion:180 Resp: 284

Ion Ratio Lower Upper

180 100

182 131.3 46.9 140.6

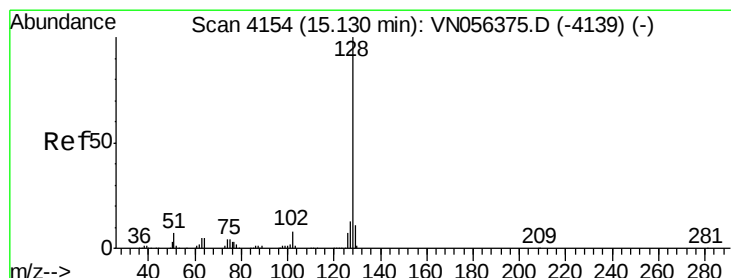
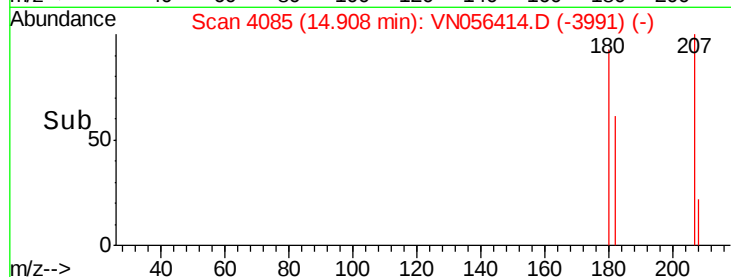
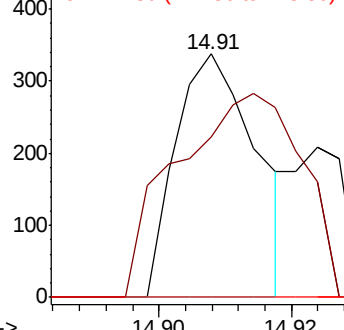
145 0.0 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 5.352 ug/l

RT: 15.14 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN056414.D

Acq: 21 Jun 2019 10:35

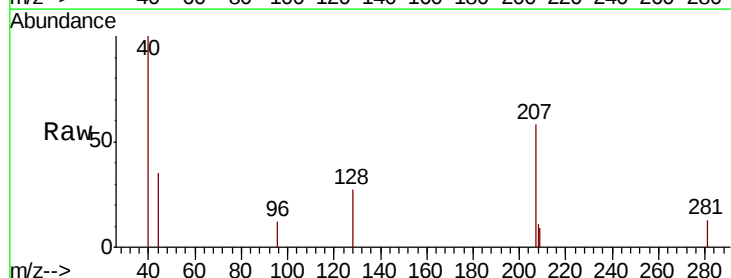
Tgt Ion:128 Resp: 934

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

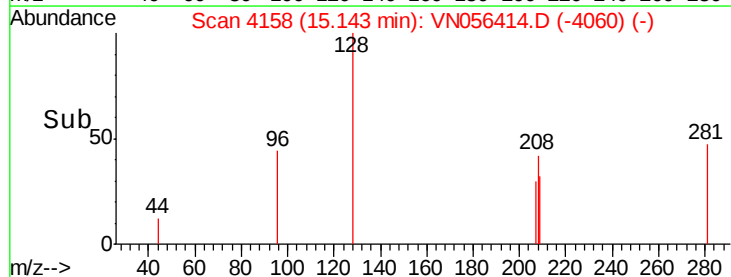
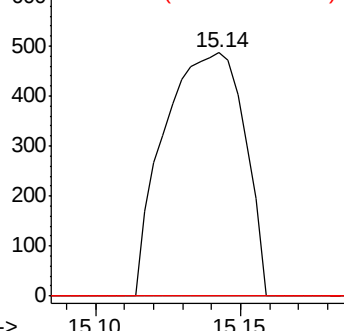
129 0.0 8.6 12.8#

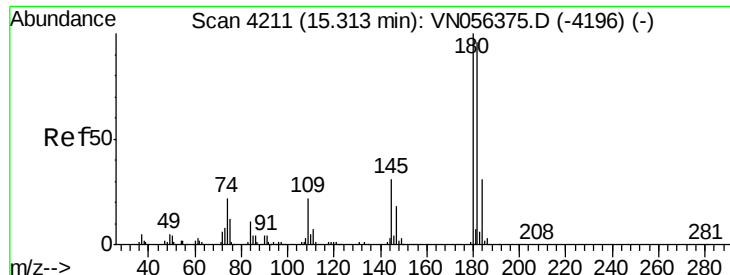


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.629 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN056414.D
 Acq: 21 Jun 2019 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	41.8	48.3	144.8#
145	0.0	15.4	46.1#

