

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
 Data File : VN055496.D
 Acq On : 9 May 2019 14:48
 Operator : JC/SP
 Sample : K2672-03
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: May 09 15:26:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	769625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1306082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1096135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	410955	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	537674	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	7.59	113	397495	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	10.09	98	1592687	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	518973	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

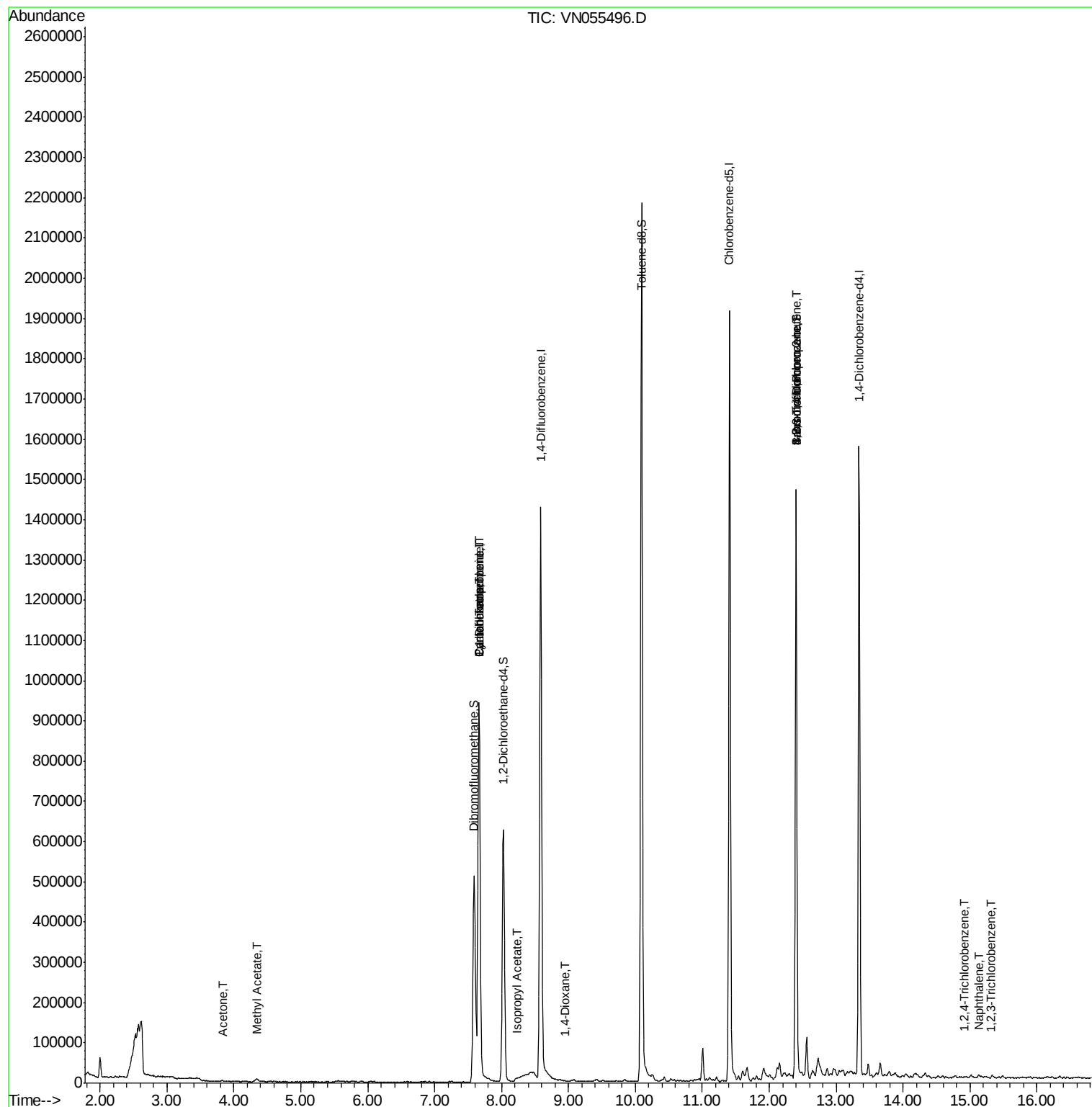
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1171	0.218	ug/l #	44
18) Methyl Acetate	4.35	43	15932	0.316	ug/l #	75
31) Cyclohexane	7.66	56	17849	0.954	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	64780	5.035	ug/l #	50
38) Carbon Tetrachloride	7.66	117	76001	7.015	ug/l #	16
43) Isopropyl Acetate	8.22	43	7793	0.365	ug/l #	63
49) 1,4-Dioxane	8.94	88	195	0.974	ug/l #	1
71) Bromoform	12.40	173	3804	0.726	ug/l #	1
73) Isopropylbenzene	12.24	105	715	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.47	83	1820	Below Cal	#	70
76) 1,2,3-Trichloropropane	12.40	75	261749	23.396	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	261749	86.329	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.90	180	547	3.289	ug/l #	62
94) Hexachlorobutadiene	15.01	225	167	Below Cal	#	19
95) Naphthalene	15.13	128	7730	3.362	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	318	2.469	ug/l	91

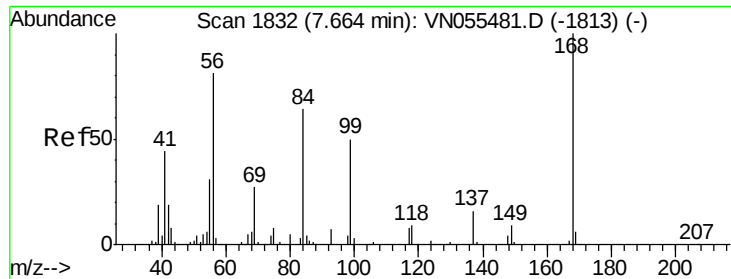
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-02-1.0-1.5

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Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 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: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

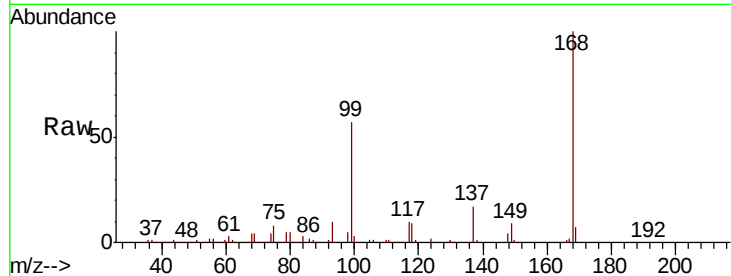
SB-02-1.0-1.5

Tgt Ion:168 Resp: 769625

Ion Ratio Lower Upper

168 100

99 57.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055481.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055481.D (-1813) (-)

7.66

300000

200000

100000

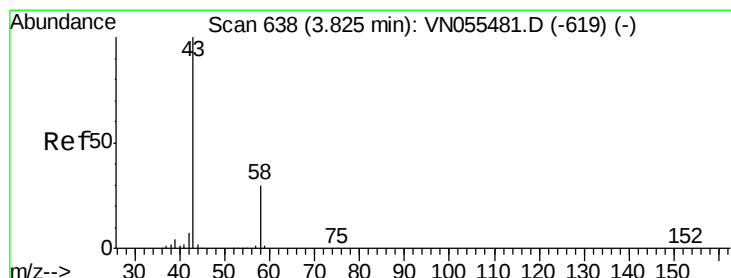
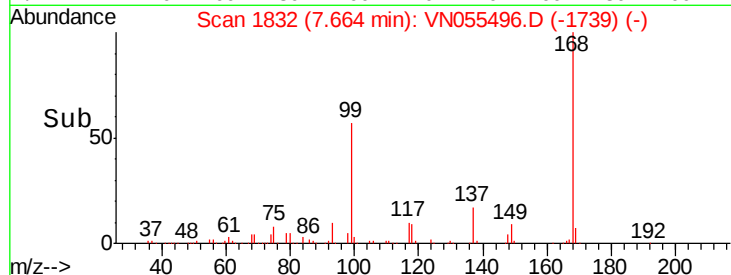
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Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 0.218 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.01 min

Lab File: VN055496.D

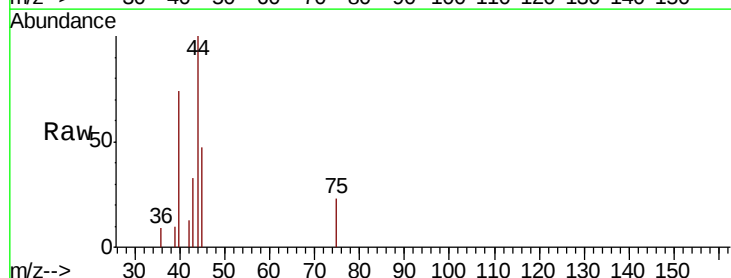
Acq: 9 May 2019 14:48

Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-619) (-)

3.83

800

600

400

200

0

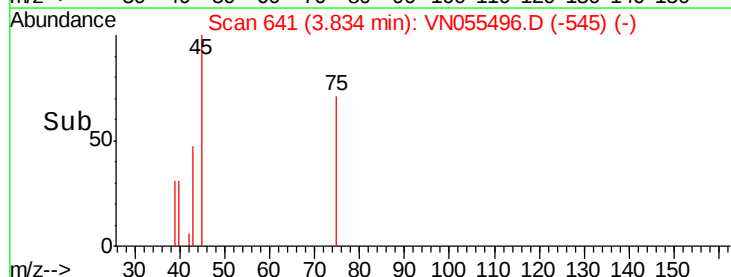
Time-->

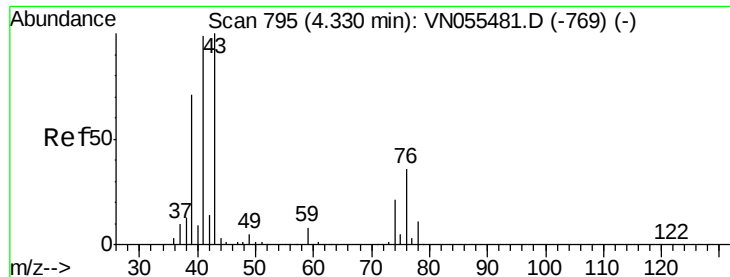
3.80

3.82

3.84

3.86

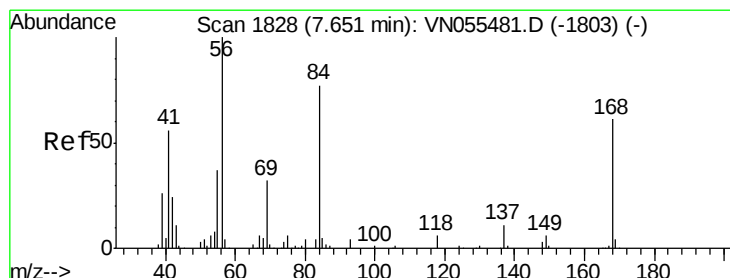
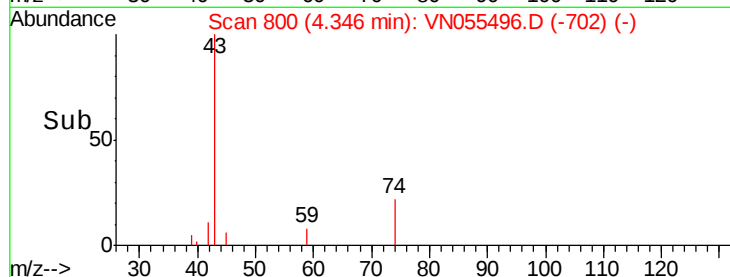
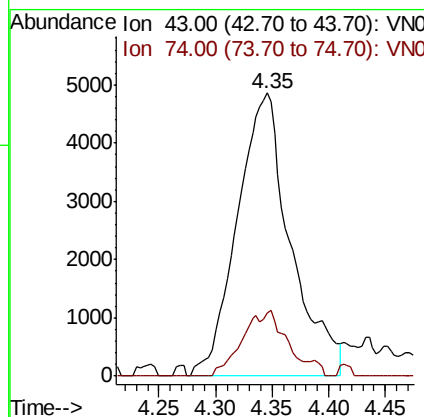
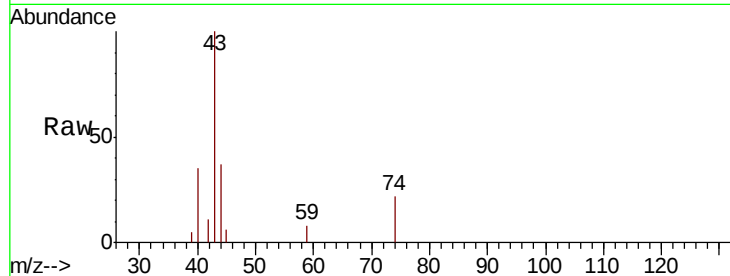




#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN055496.D
Acq: 9 May 2019 14:48

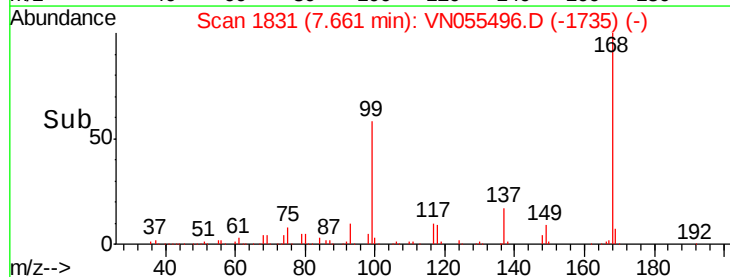
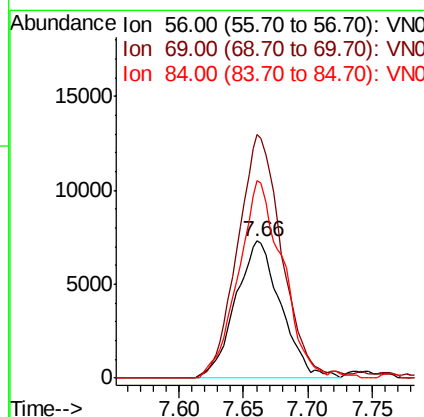
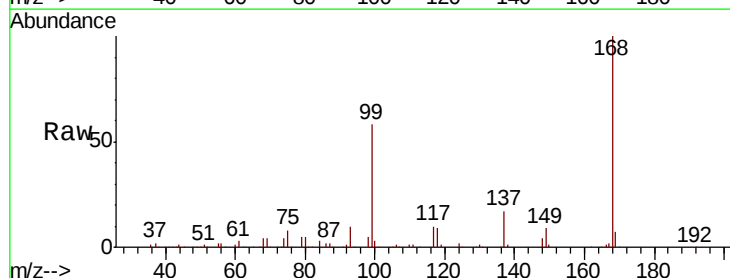
Instrument :
MSVOA_N
ClientSampled :
SB-02-1.0-1.5

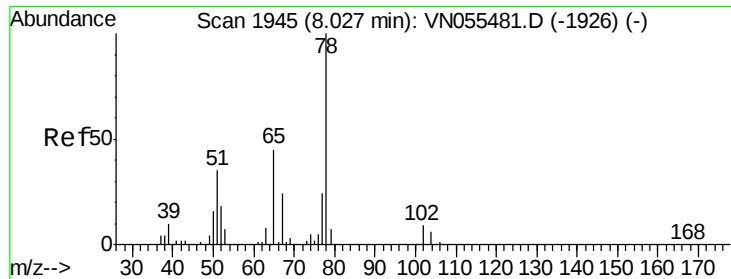
Tgt Ion: 43 Resp: 15932
Ion Ratio Lower Upper
43 100
74 8.7 16.3 24.5#



#31
Cyclohexane
Concen: 0.954 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055496.D
Acq: 9 May 2019 14:48

Tgt Ion: 56 Resp: 17849
Ion Ratio Lower Upper
56 100
69 178.0 26.0 39.0#
84 144.4 61.9 92.9#

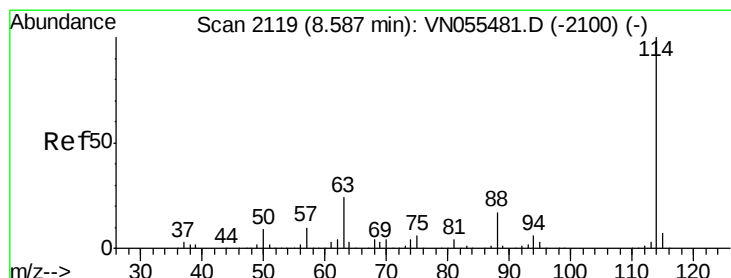
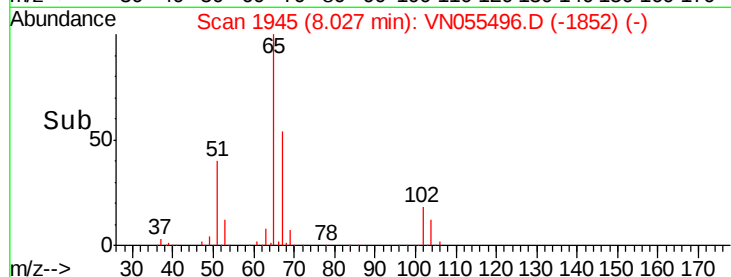
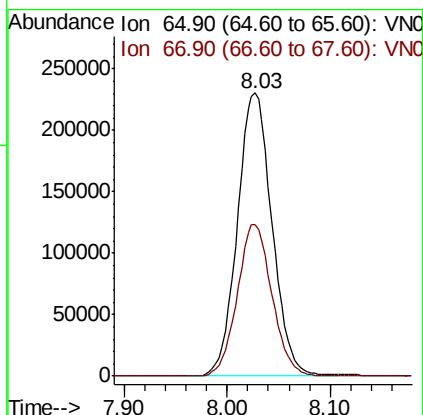
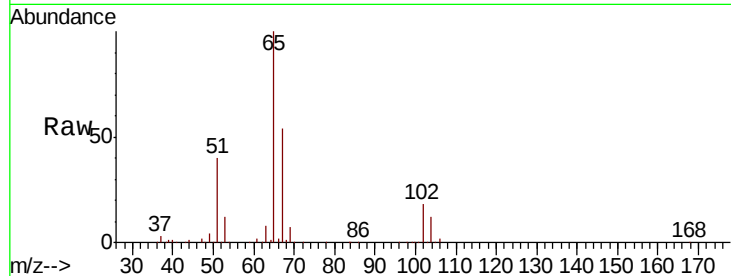




#33
 1,2-Dichloroethane-d4
 Concen: 46.399 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

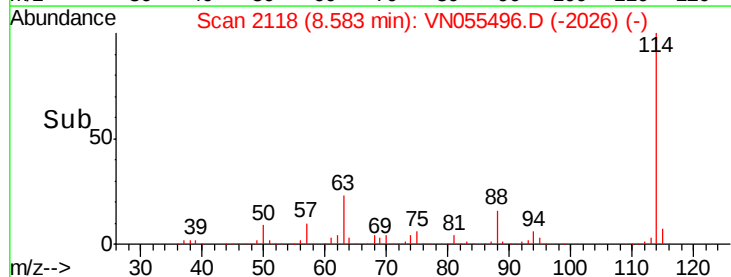
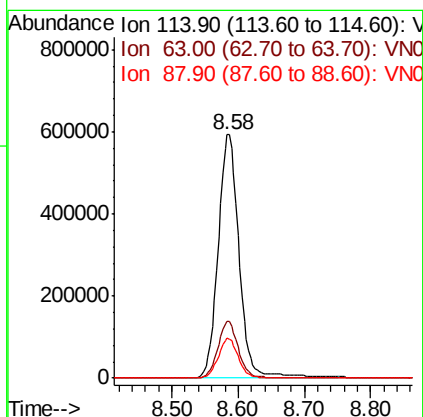
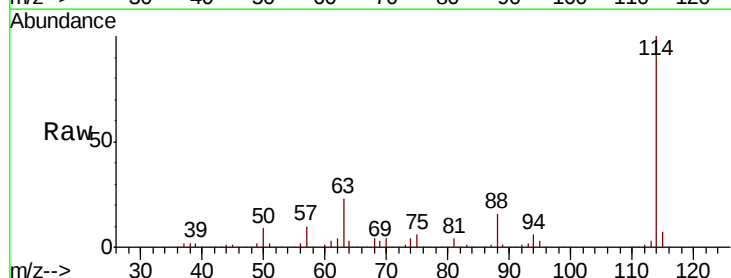
Instrument :
 MSVOA_N
 ClientSampled :
 SB-02-1.0-1.5

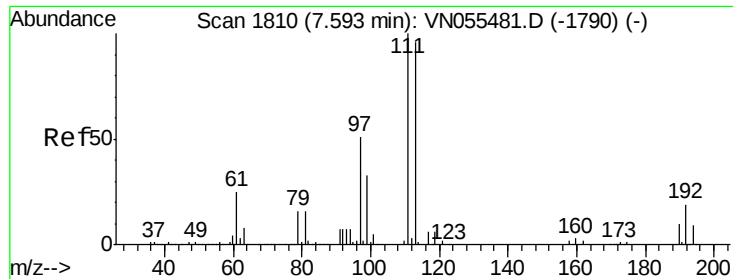
Tgt Ion: 65 Resp: 537674
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

Tgt Ion: 114 Resp: 1306082
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.4
 88 16.4 0.0 34.0

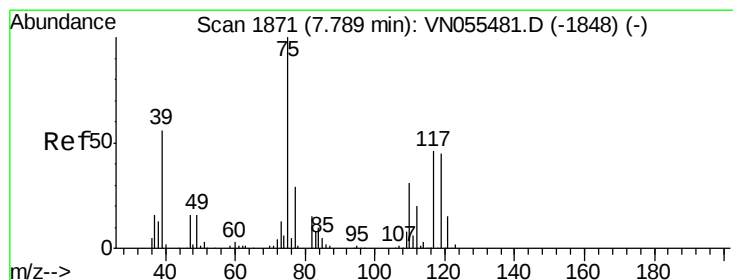
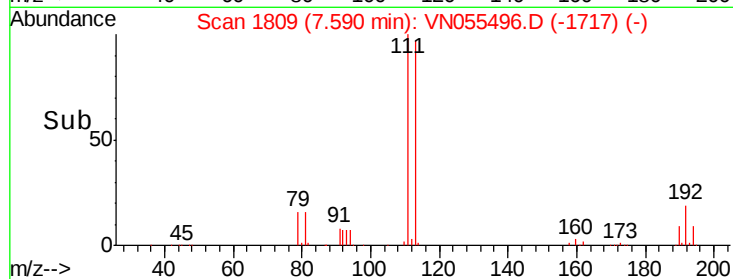
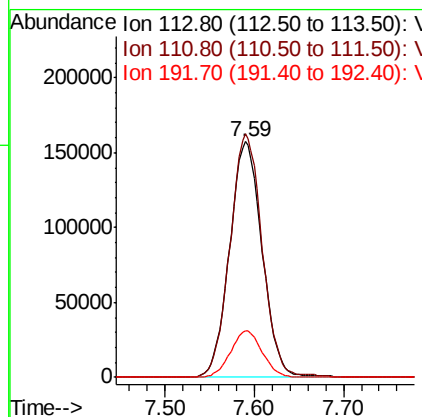
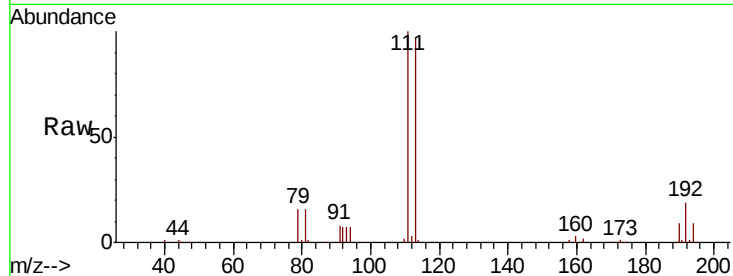




#35
 Dibromofluoromethane
 Concen: 47.179 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

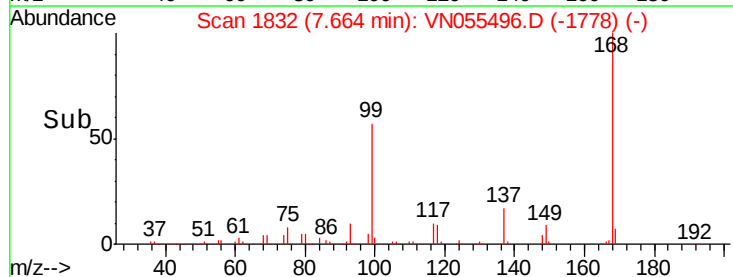
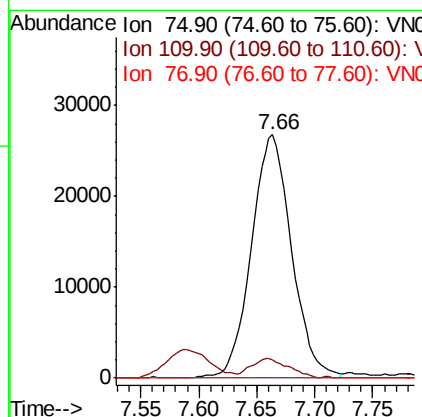
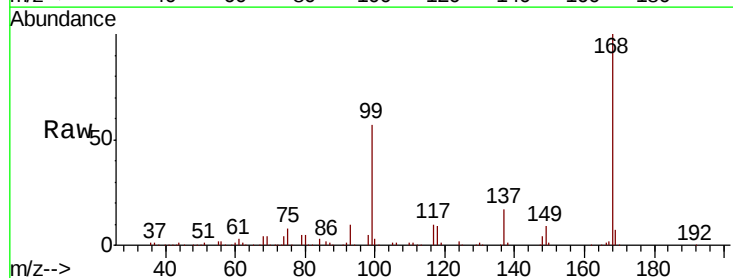
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-1.0-1.5

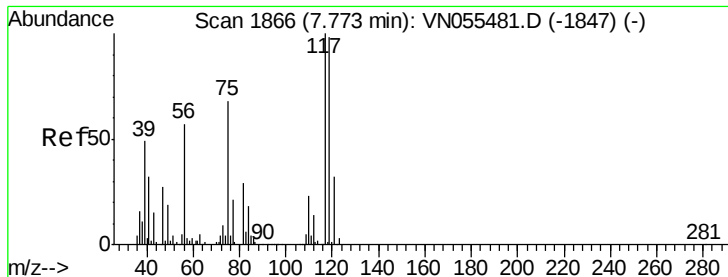
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	19.3	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 5.035 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.1	48.3#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 7.015 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

SB-02-1.0-1.5

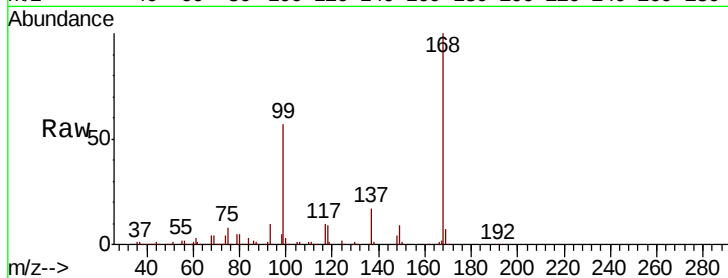
Tgt Ion:117 Resp: 76001

Ion Ratio Lower Upper

117 100

119 6.1 77.8 116.6#

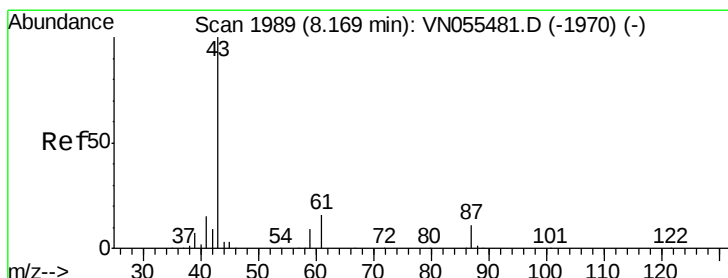
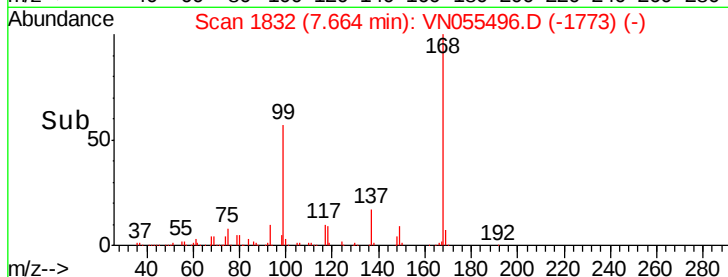
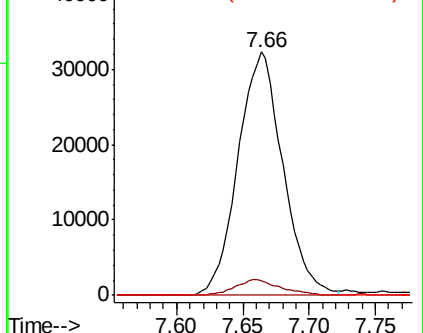
121 0.0 25.2 37.8#



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: 0.365 ug/l

RT: 8.22 min Scan# 2004

Delta R.T. 0.05 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

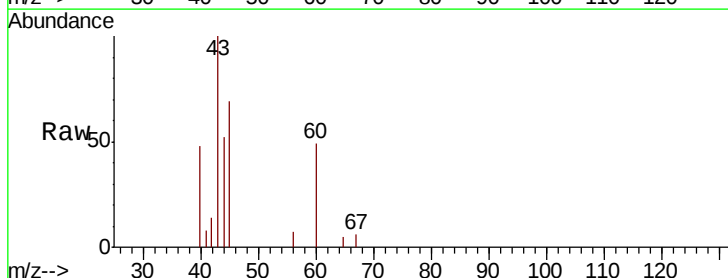
Tgt Ion: 43 Resp: 7793

Ion Ratio Lower Upper

43 100

61 0.0 15.1 22.7#

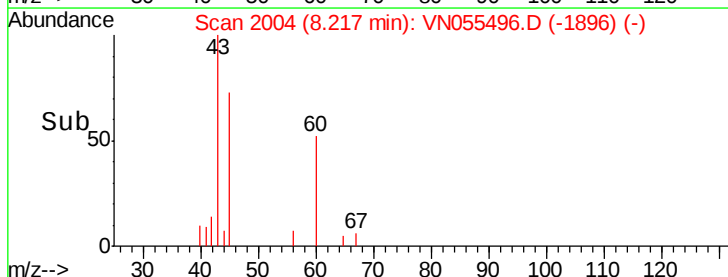
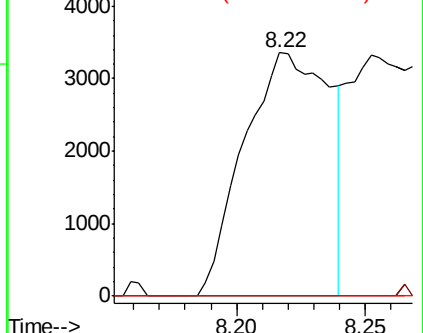
87 0.0 9.0 13.6#

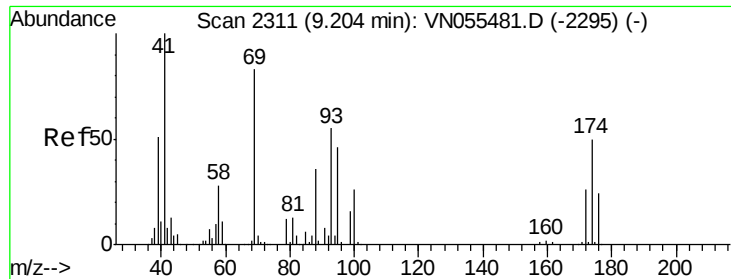


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

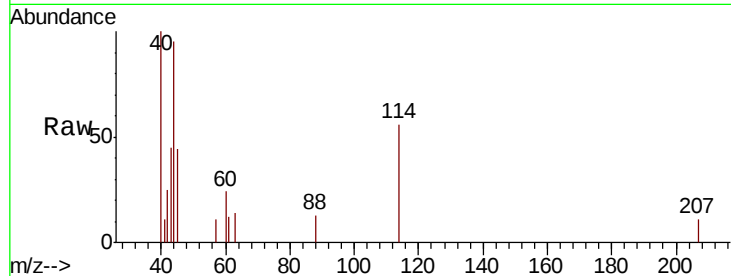




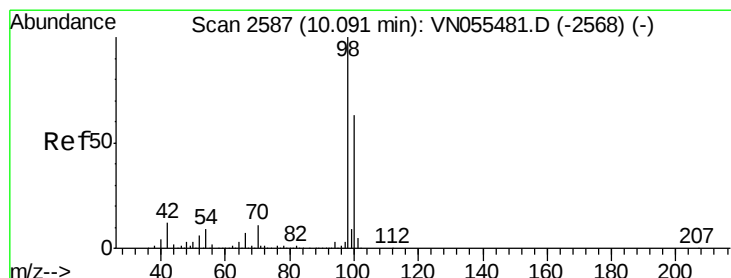
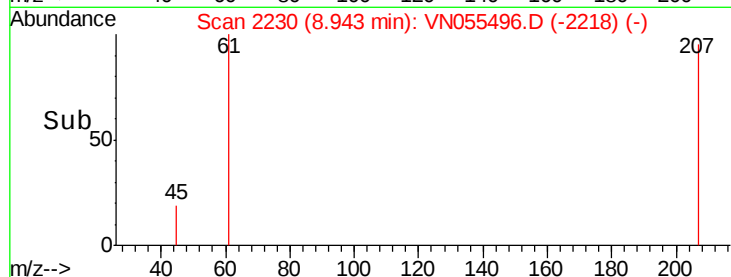
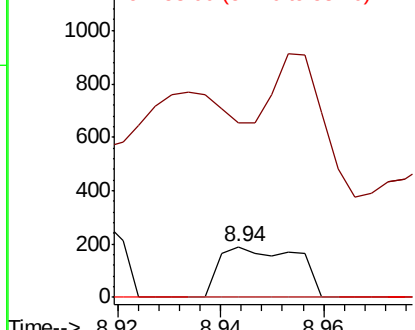
#49
 1,4-Dioxane
 Concen: 0.974 ug/l
 RT: 8.94 min Scan# 2230
 Delta R.T. -0.26 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-1.0-1.5

Tgt Ion: 88 Resp: 195
 Ion Ratio Lower Upper
 88 100
 43 203.6 27.8 41.8#
 58 0.0 61.8 92.6#

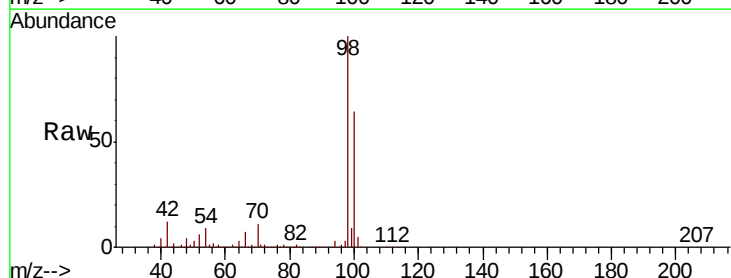


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

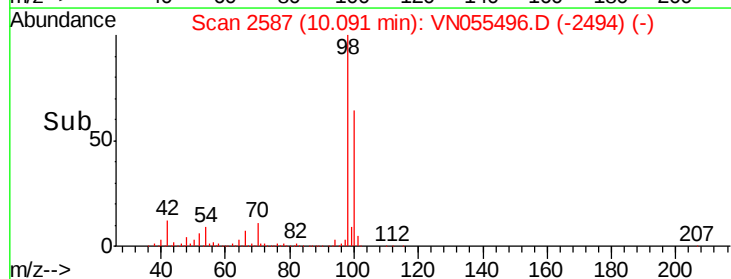
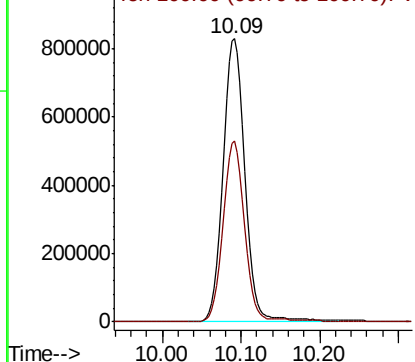


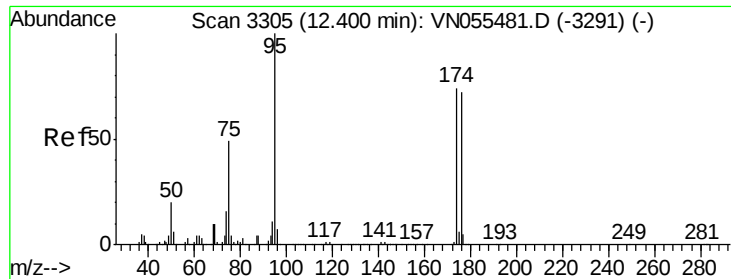
#50
 Toluene-d8
 Concen: 48.510 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

Tgt Ion: 98 Resp: 1592687
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

SB-02-1.0-1.5

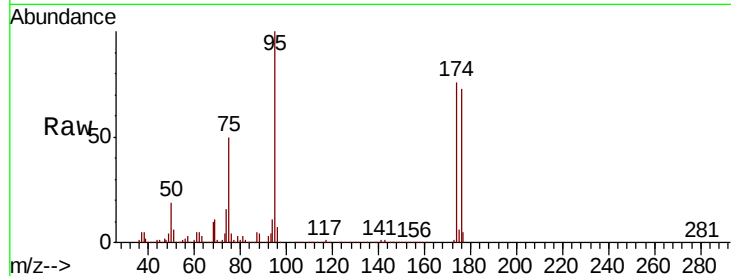
Tgt Ion: 95 Resp: 518973

Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.2

176 74.3 0.0 147.8

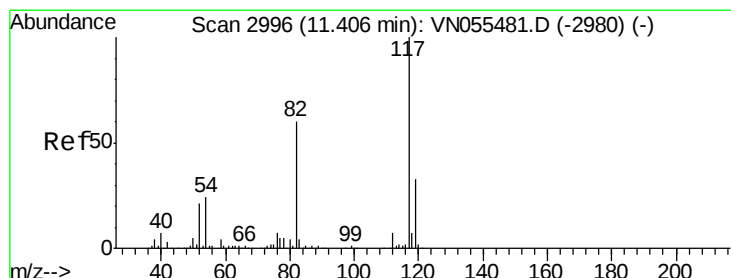
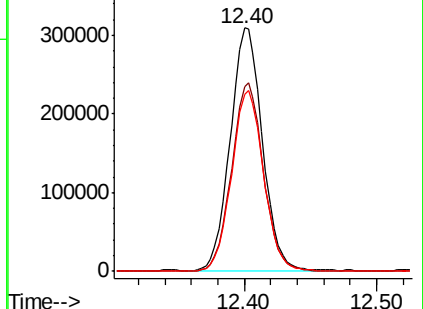
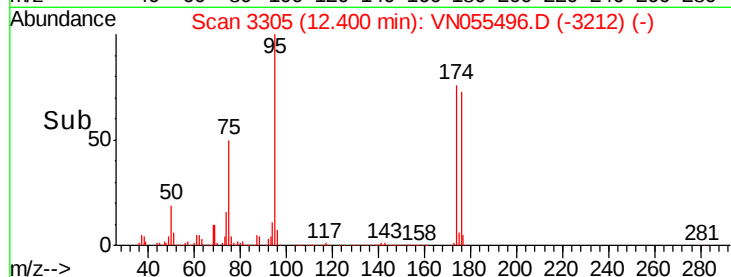


Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

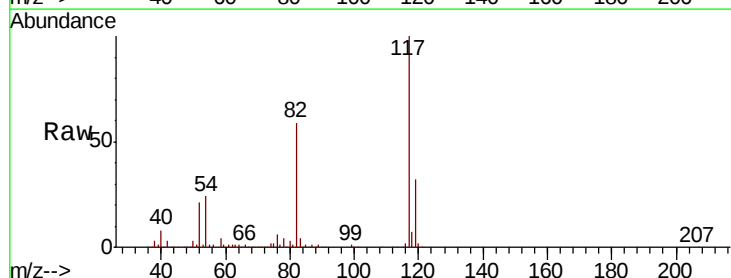
Tgt Ion: 117 Resp: 1096135

Ion Ratio Lower Upper

117 100

82 59.0 48.0 72.0

119 31.7 26.0 39.0

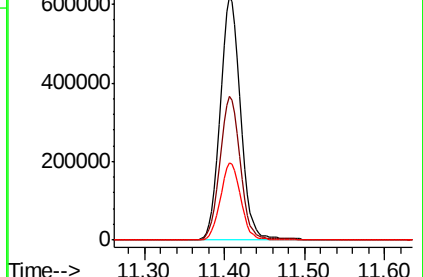
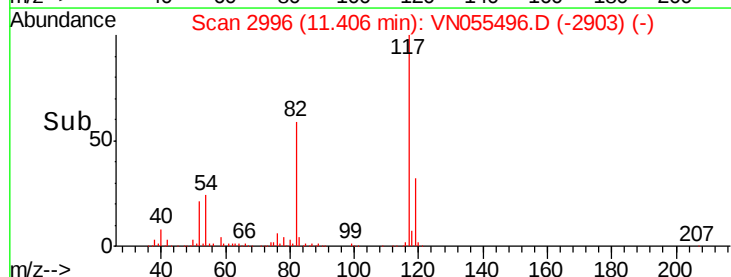


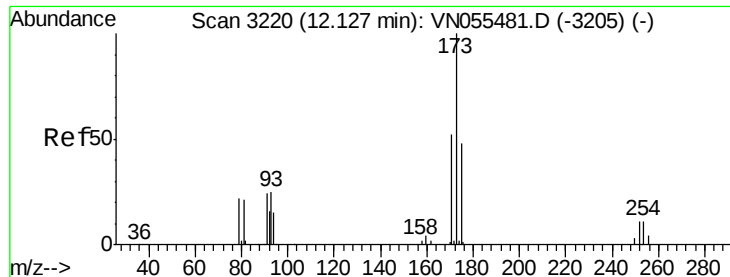
Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)

11.41





#71

Bromoform

Concen: 0.726 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

SB-02-1.0-1.5

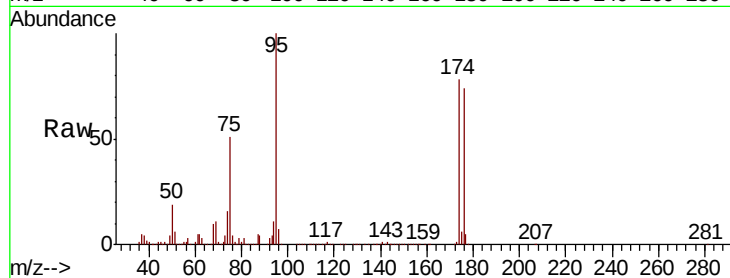
Tgt Ion:173 Resp: 3804

Ion Ratio Lower Upper

173 100

175 676.6 24.1 72.4#

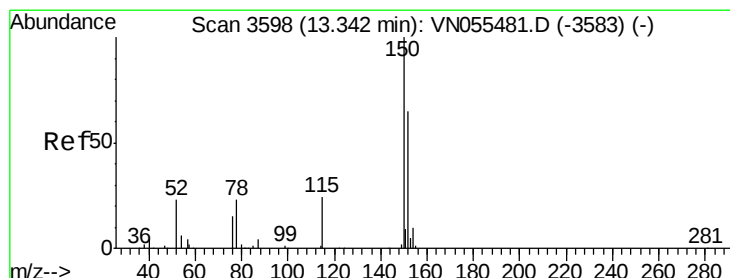
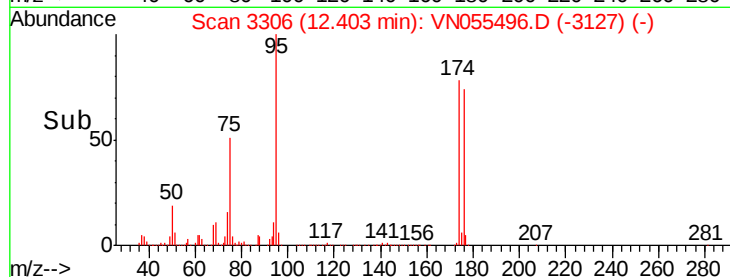
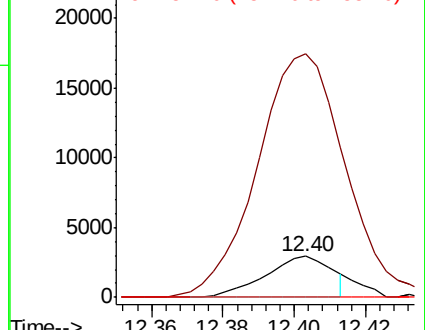
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

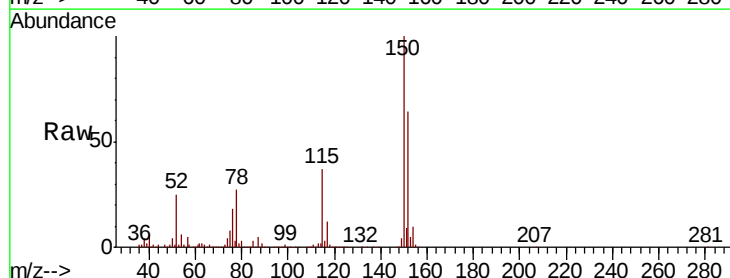
Tgt Ion:152 Resp: 410955

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

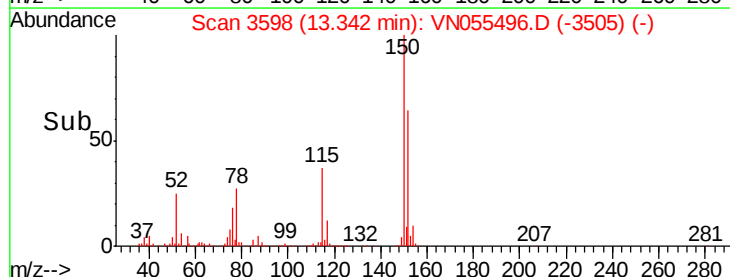
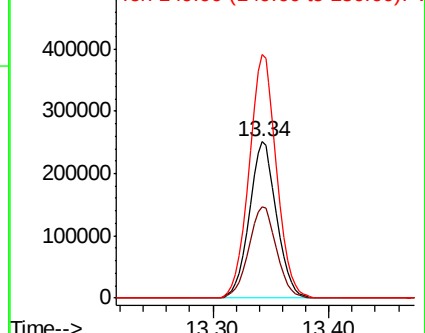
150 156.3 0.0 355.0

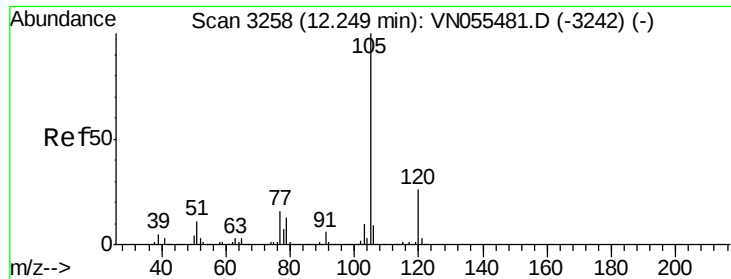


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

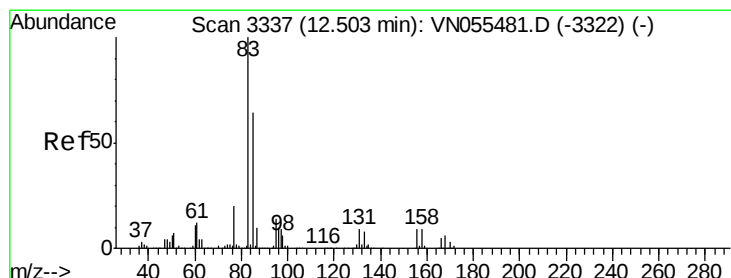
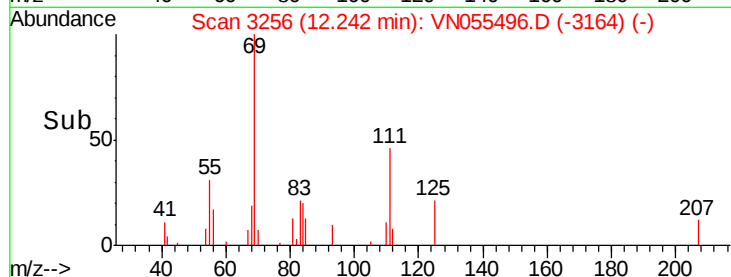
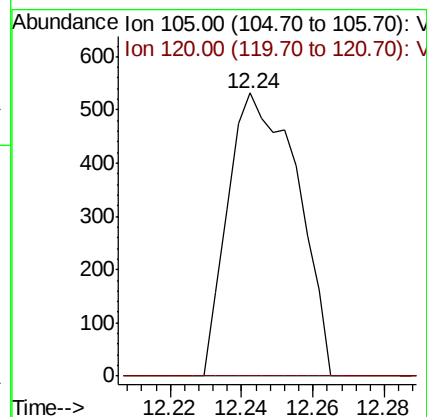
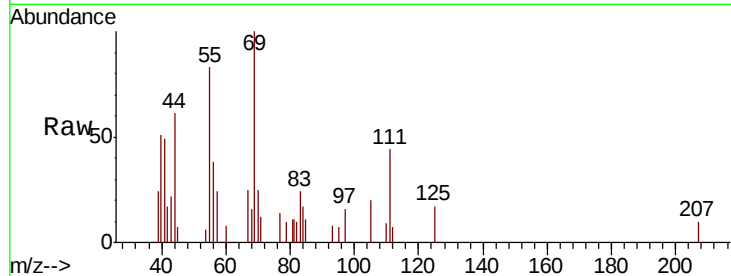
SB-02-1.0-1.5

Tgt Ion: 105.00 Resp: 715

Ion Ratio Lower Upper

105 100

120 0.0 13.0 39.0#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

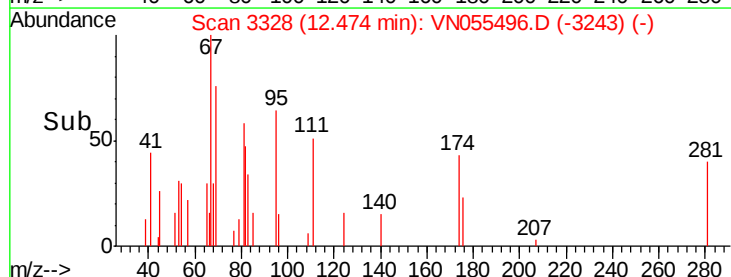
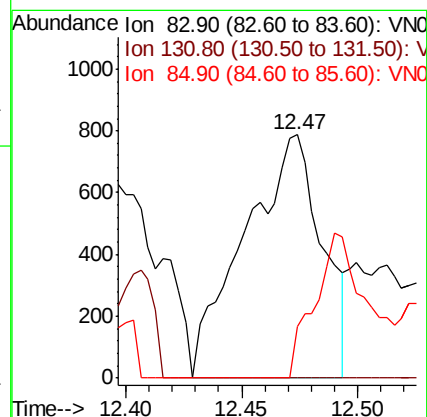
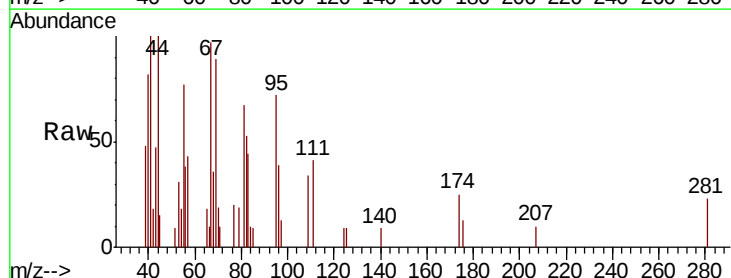
Tgt Ion: 83 Resp: 1820

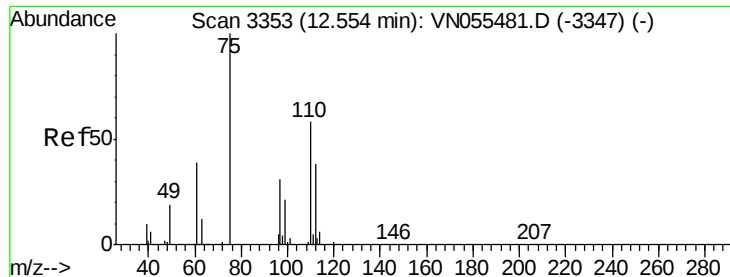
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 40.3 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 23.396 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

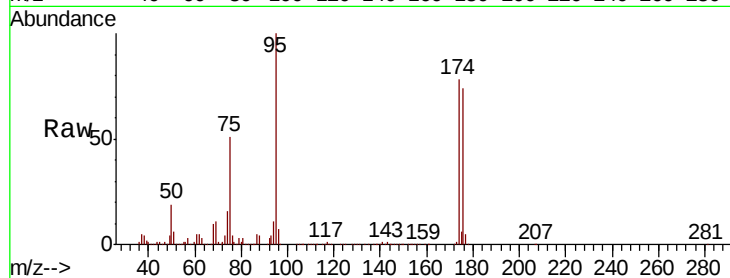
SB-02-1.0-1.5

Tgt Ion: 75 Resp: 261749

Ion Ratio Lower Upper

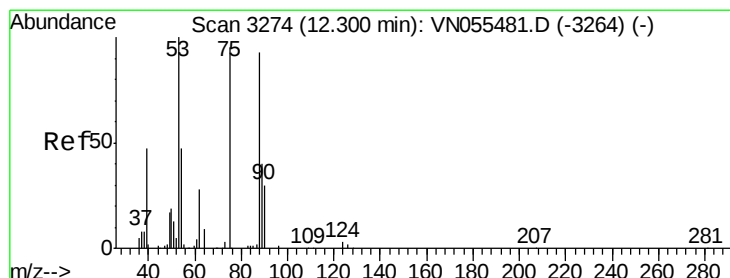
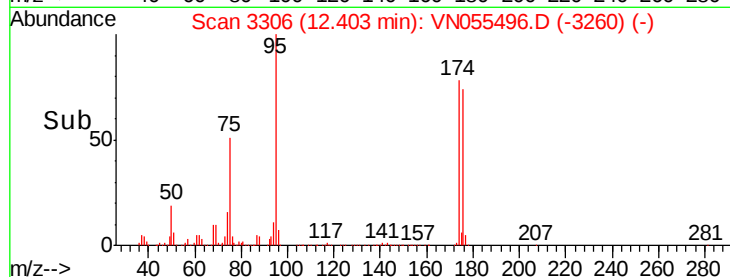
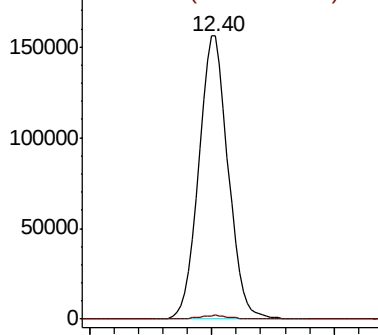
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 86.329 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

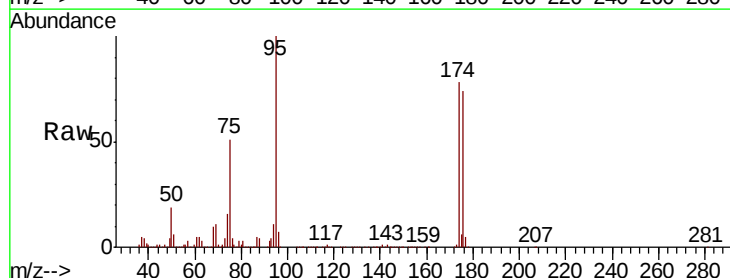
Tgt Ion: 75 Resp: 261749

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

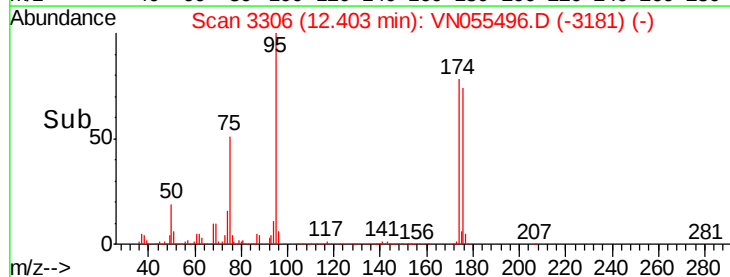
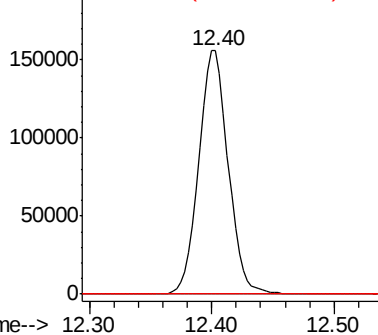
89 0.0 35.7 53.5#

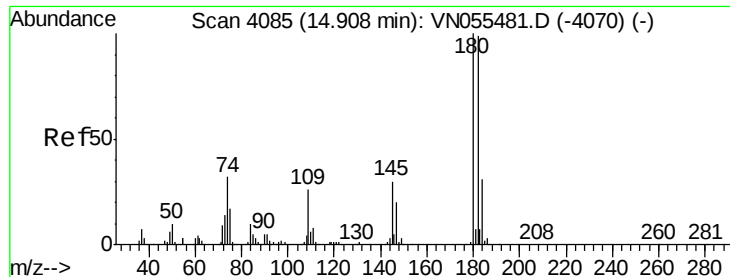


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

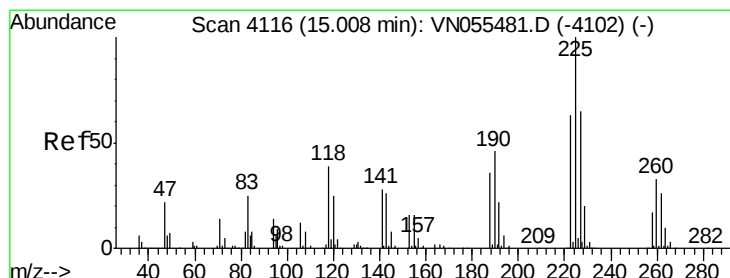
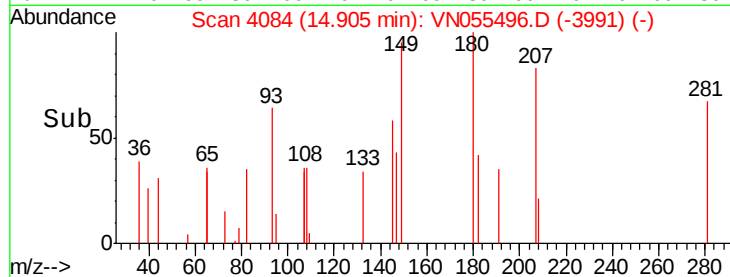
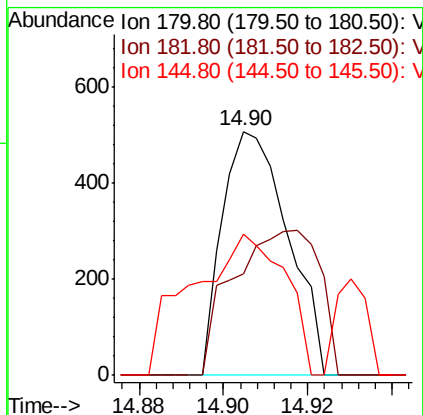
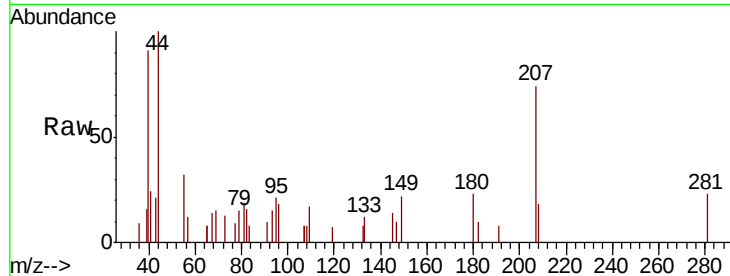




#93
 1,2,4-Trichlorobenzene
 Concen: 3.289 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

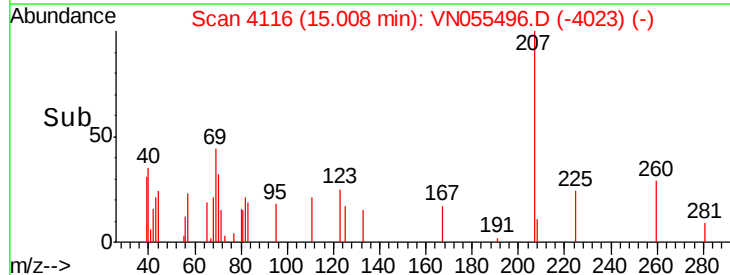
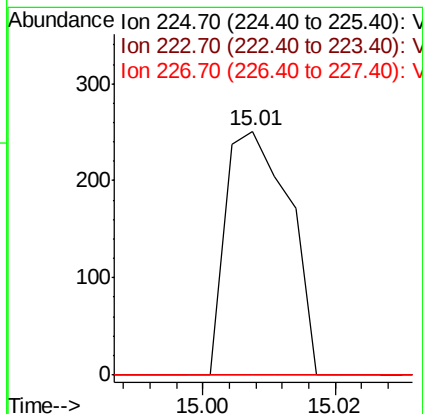
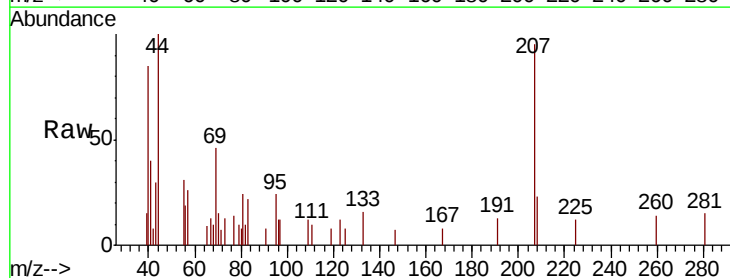
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-02-1.0-1.5

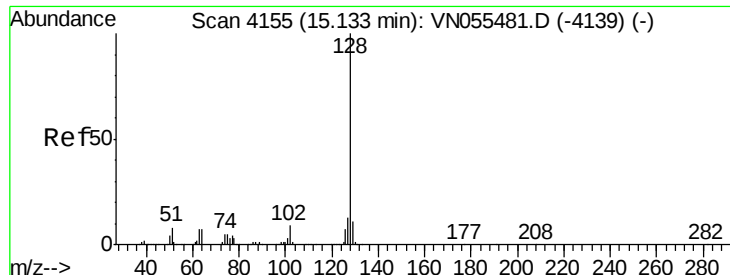
Tgt Ion:180 Resp: 547
 Ion Ratio Lower Upper
 180 100
 182 78.4 48.7 146.1
 145 83.0 15.3 45.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055496.D
 Acq: 9 May 2019 14:48

Tgt Ion:225 Resp: 167
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.3#
 227 0.0 32.0 96.0#





#95

Naphthalene

Concen: 3.362 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

SB-02-1.0-1.5

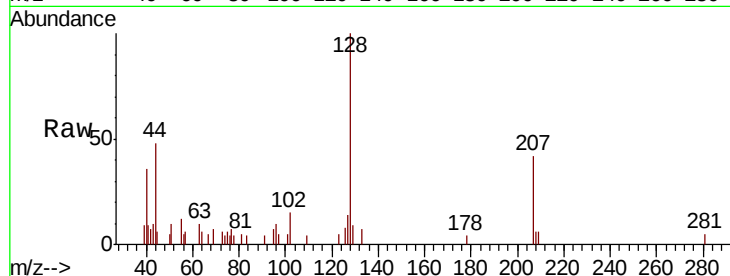
Tgt Ion:128 Resp: 7730

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

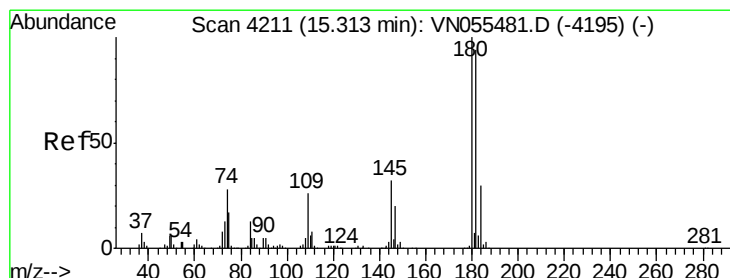
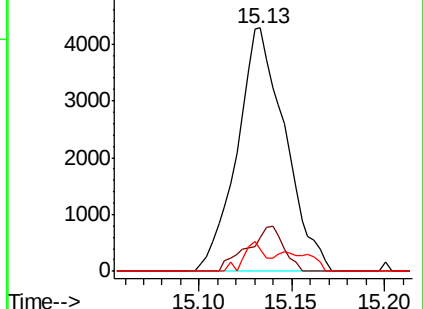
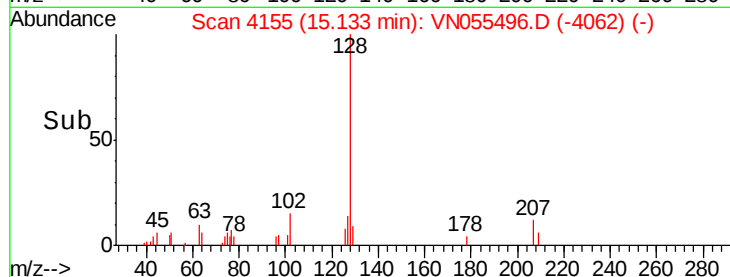
129 5.4 8.8 13.2#



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: 2.469 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN055496.D

Acq: 9 May 2019 14:48

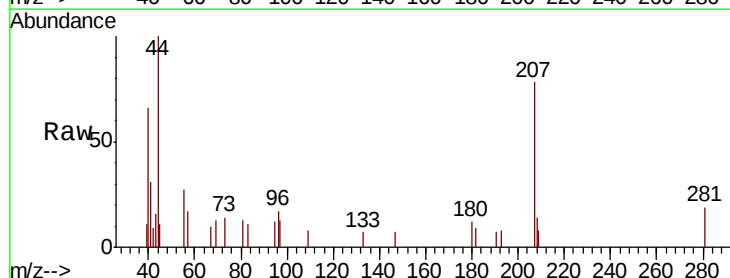
Tgt Ion:180 Resp: 318

Ion Ratio Lower Upper

180 100

182 88.1 47.1 141.3

145 41.8 15.8 47.4



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

