

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055499.D
 Acq On : 9 May 2019 16:04
 Operator : JC/SP
 Sample : PB119561TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:13:36 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	7.67	168	926895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1585424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389853	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	656585	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	7.59	113	487501	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	1953539	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	573827	42.70	ug/l	0.00
Spiked Amount			Recovery	=	85.40%	

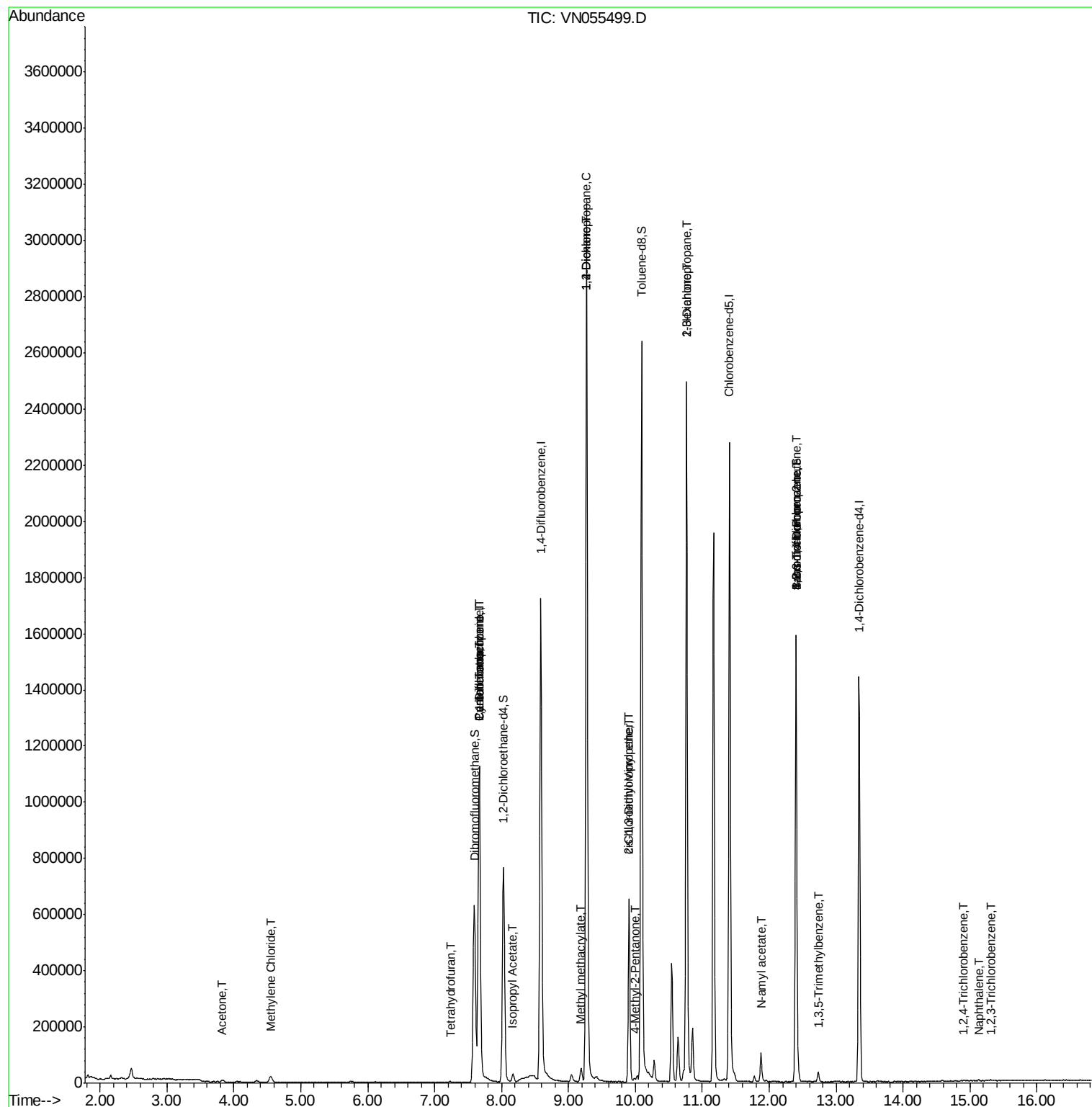
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	11179	1.730	ug/l	89
18) Methyl Acetate	4.34	43	8184	Below Cal	#	84
20) Methylene Chloride	4.55	84	15036	1.138	ug/l	92
29) Tetrahydrofuran	7.24	42	2592	0.439	ug/l #	66
31) Cyclohexane	7.67	56	20607	0.915	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	75142	4.811	ug/l #	49
38) Carbon Tetrachloride	7.67	117	89527	6.807	ug/l #	15
43) Isopropyl Acetate	8.17	43	33961	1.312	ug/l	97
45) 1,2-Dichloropropane	9.27	63	3995	0.288	ug/l #	45
48) Methyl methacrylate	9.18	41	18887	1.514	ug/l #	16
49) 1,4-Dioxane	9.27	88	242	0.996	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8393	0.493	ug/l #	85
54) cis-1,3-Dichloropropene	9.90	75	110854	6.280	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	24868	1.247	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	526	12.601	ug/l #	52
59) 2-Hexanone	10.76	43	377627	31.630	ug/l #	52
71) Bromoform	12.40	173	2208	0.349	ug/l #	1
73) Isopropylbenzene	12.26	105	1097	Below Cal		85
74) N-amyl acetate	11.88	43	33444	2.260	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.40	83	504	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	290487	27.371	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16795	0.539	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	290487	100.994	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	783	3.332	ug/l	79
94) Hexachlorobutadiene	15.00	225	94	Below Cal	#	1
95) Naphthalene	15.14	128	4052	3.172	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	1159	2.599	ug/l	92

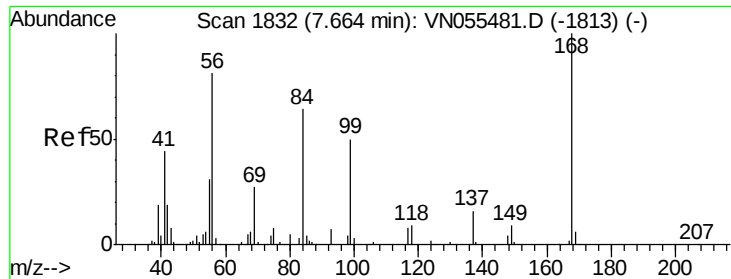
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

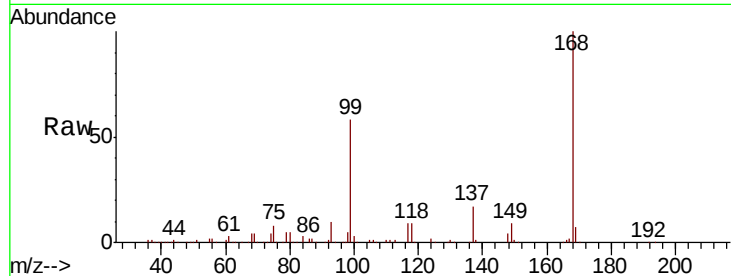
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 926895

Ion Ratio Lower Upper

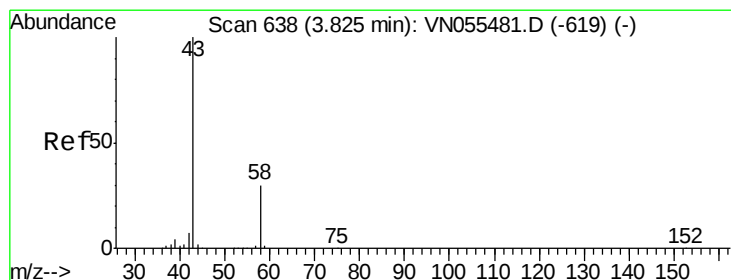
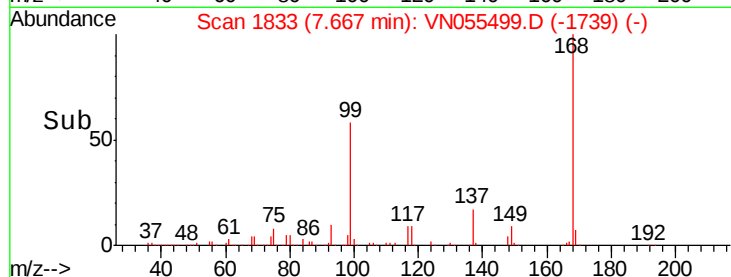
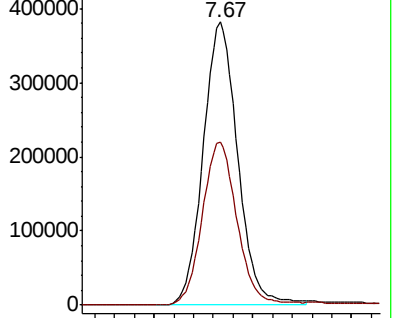
168 100

99 57.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 1.730 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055499.D

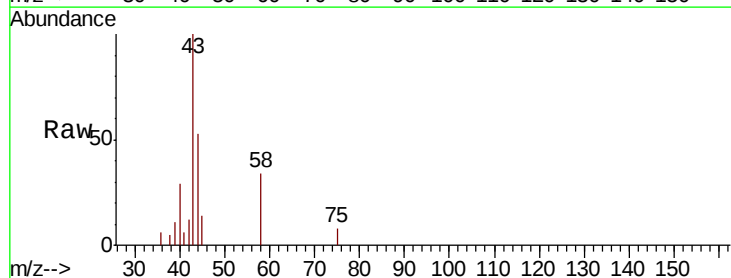
Acq: 9 May 2019 16:04

Tgt Ion: 43 Resp: 11179

Ion Ratio Lower Upper

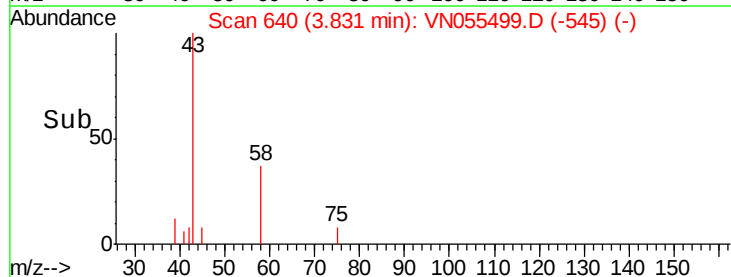
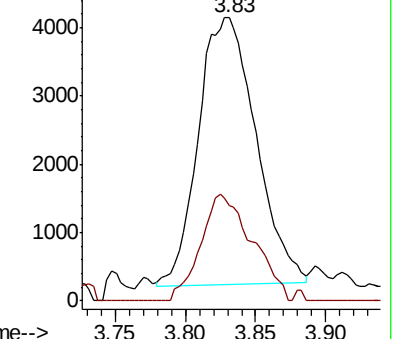
43 100

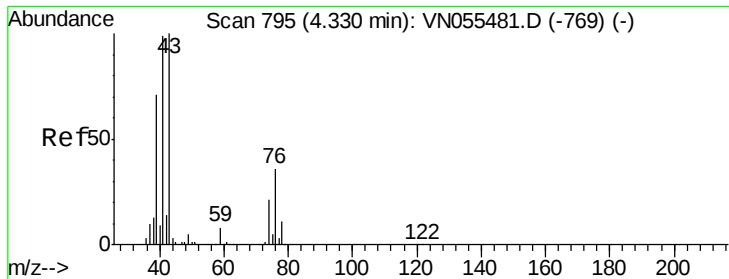
58 36.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

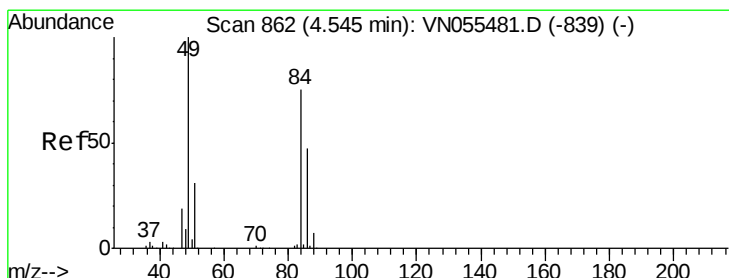
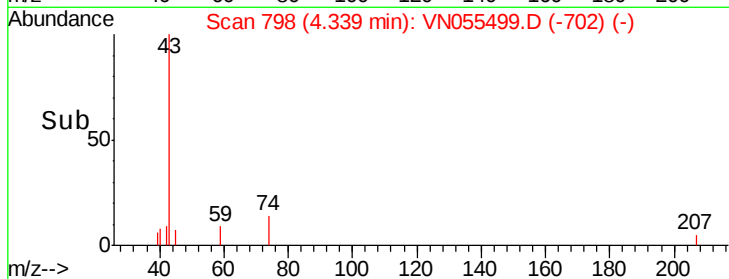
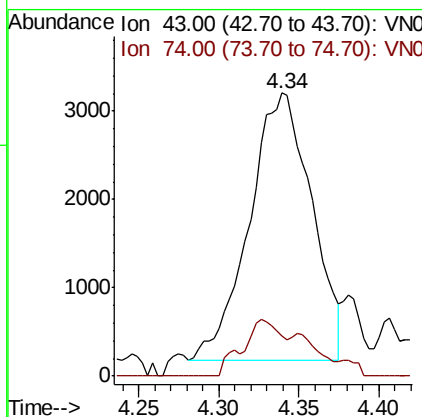
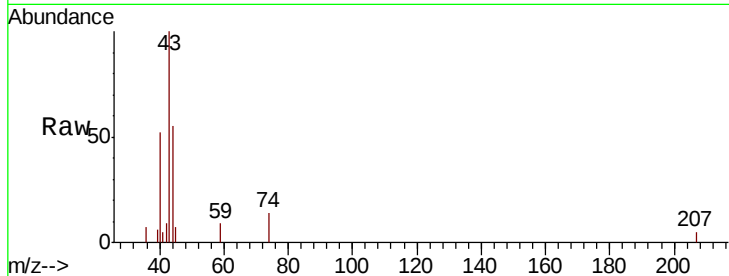




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

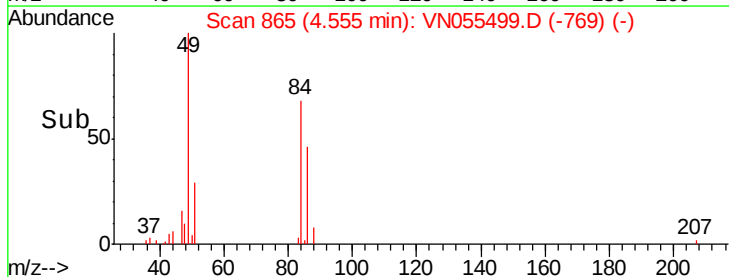
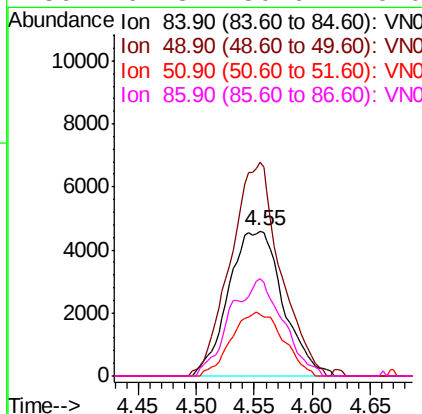
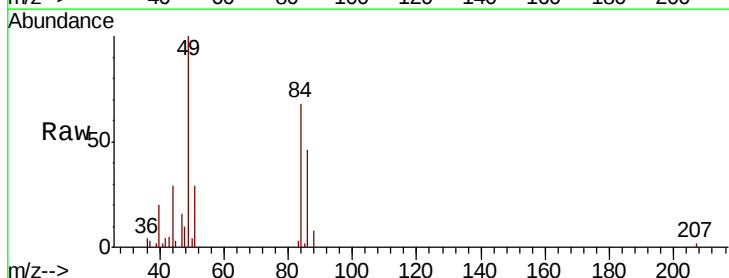
Instrument :
MSVOA_N
ClientSampled :

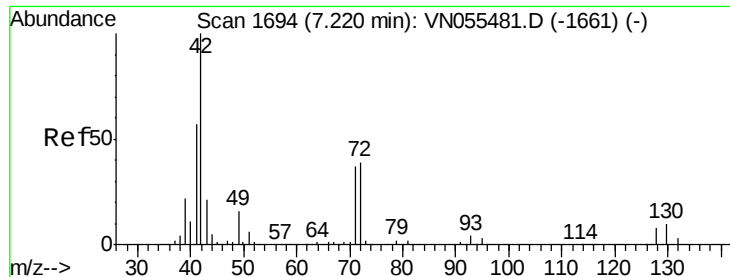
Tot Ion: 43 Resp: 8184
Ion Ratio Lower Upper
43 100
74 13.1 16.3 24.5#



#20
Methylene Chloride
Concen: 1.138 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Tgt Ion: 84 Resp: 15036
Ion Ratio Lower Upper
84 100
49 147.2 107.0 160.6
51 42.2 33.0 49.4
86 67.3 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.439 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

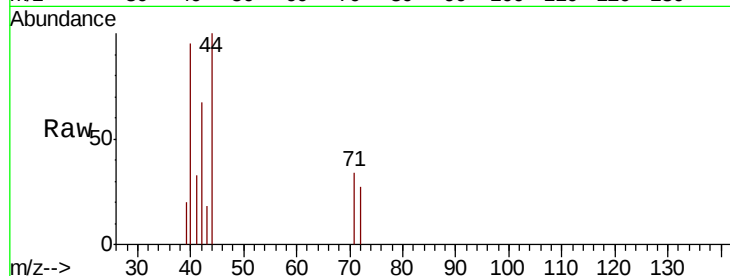
Tot Ion: 42 Resp: 2592

Ion Ratio Lower Upper

42 100

72 18.8 31.0 46.6#

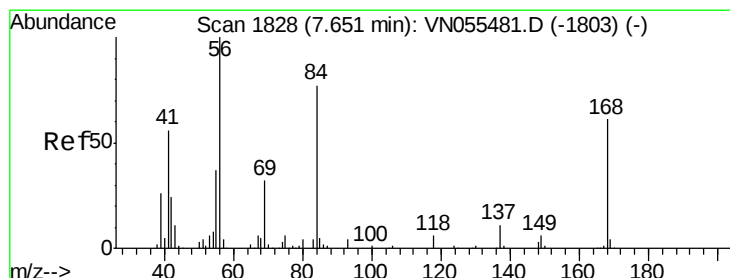
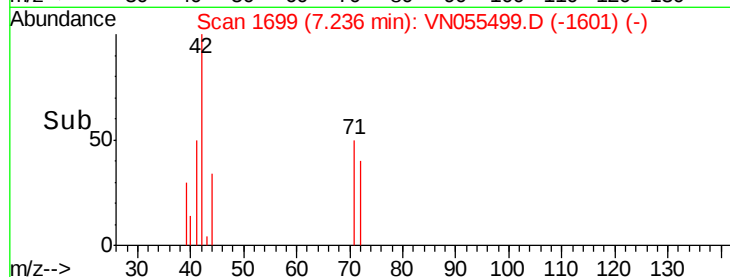
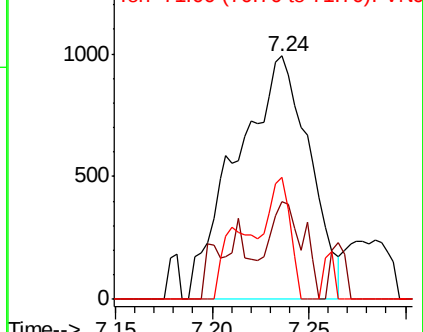
71 15.9 29.4 44.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.915 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

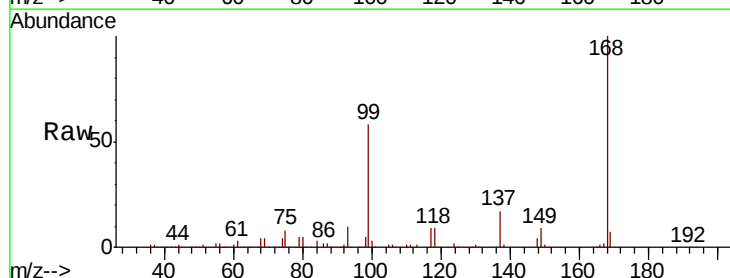
Tgt Ion: 56 Resp: 20607

Ion Ratio Lower Upper

56 100

69 164.2 26.0 39.0#

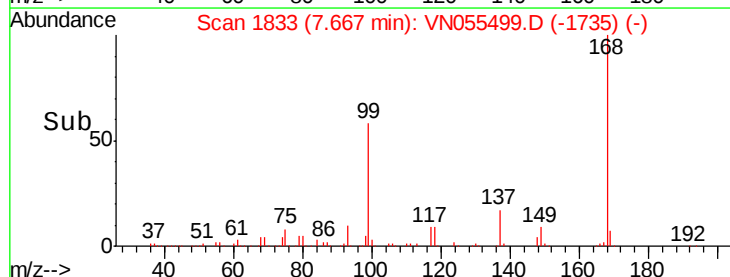
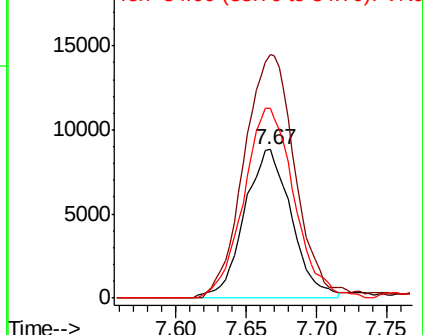
84 128.4 61.9 92.9#

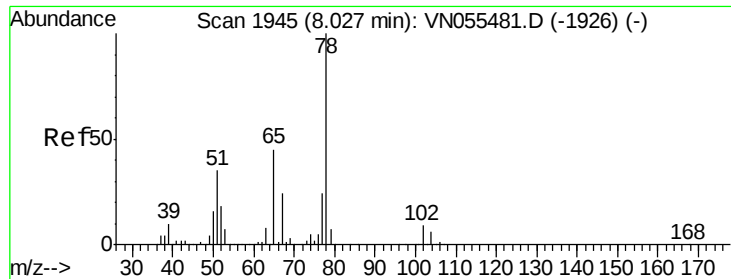


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

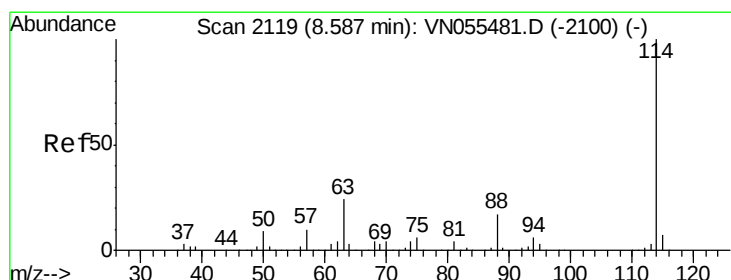
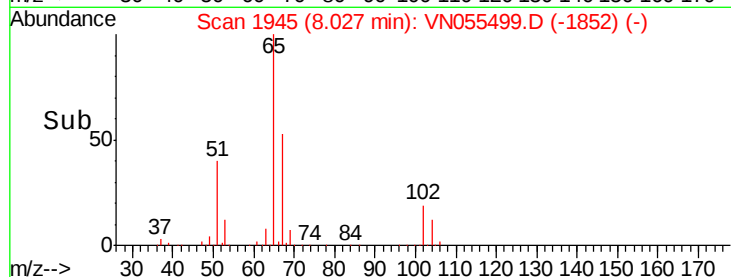
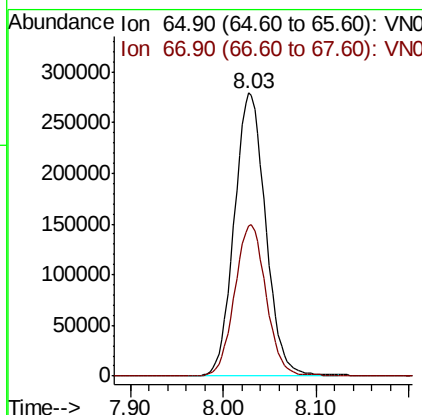
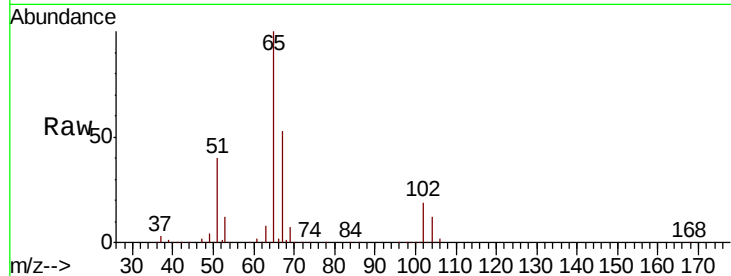




#33
 1,2-Dichloroethane-d4
 Concen: 47.047 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

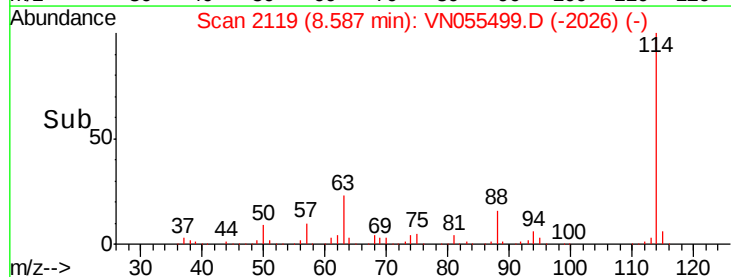
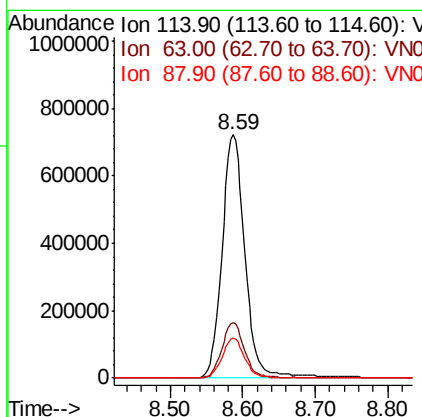
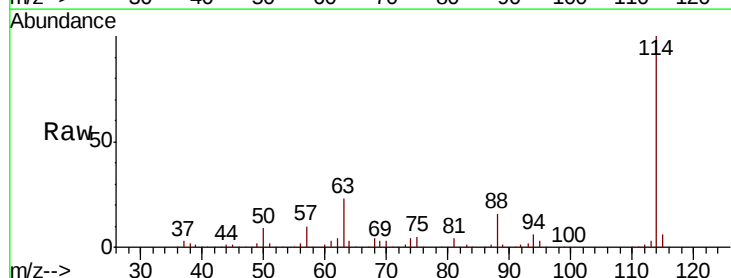
Instrument :
 MSVOA_N
 ClientSampleId :

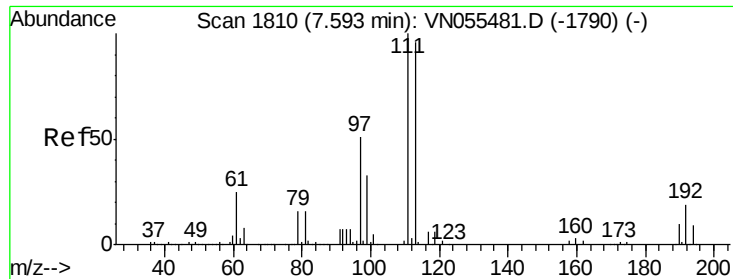
Tot Ion: 65 Resp: 656585
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

Tgt Ion: 114 Resp: 1585424
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

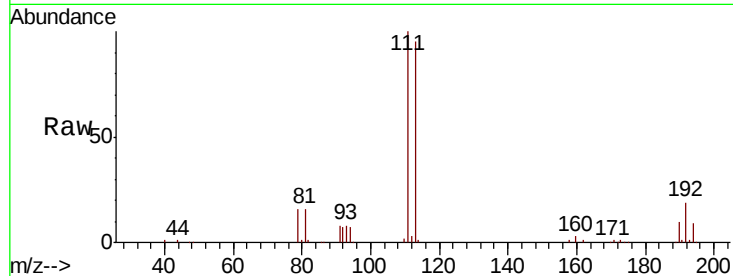
Tot Ion:113 Resp: 487501

Ion Ratio Lower Upper

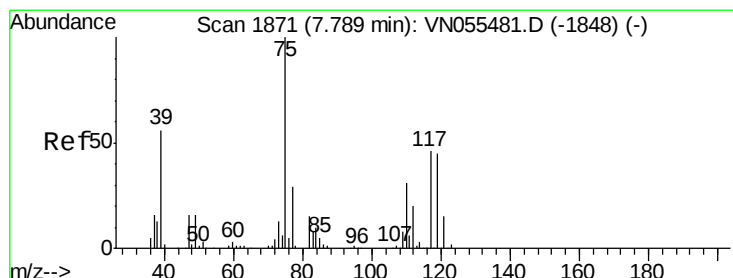
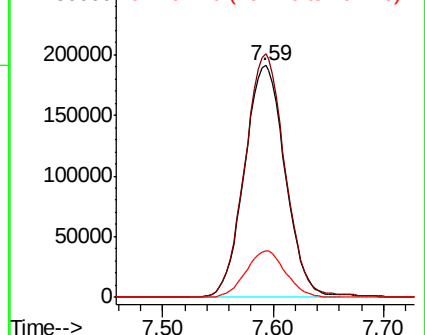
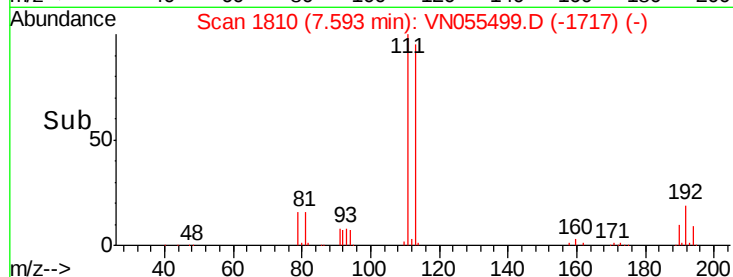
113 100

111 104.3 82.9 124.3

192 19.8 15.6 23.4



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: 4.811 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

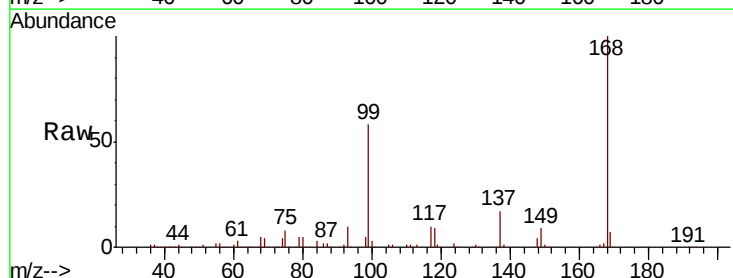
Tgt Ion: 75 Resp: 75142

Ion Ratio Lower Upper

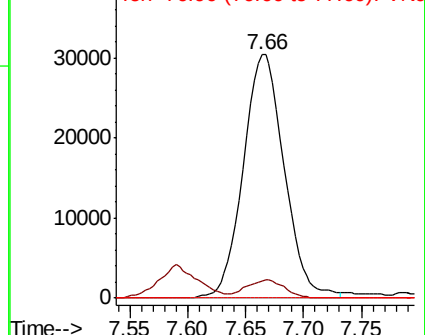
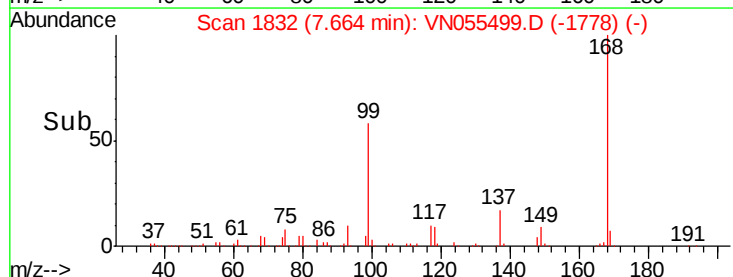
75 100

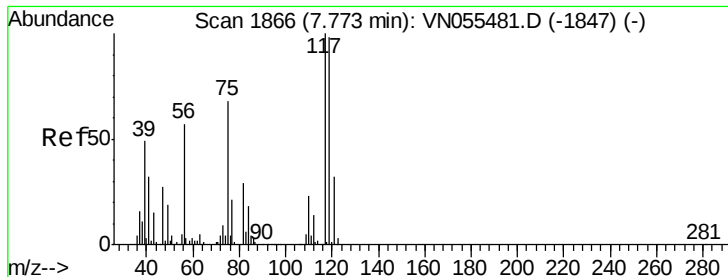
110 6.9 16.1 48.3#

77 0.0 24.6 37.0#



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: 6.807 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

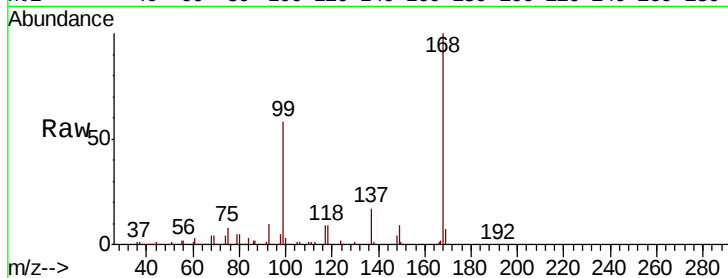
Tot Ion:117 Resp: 89527

Ion Ratio Lower Upper

117 100

119 4.9 77.8 116.6#

121 0.0 25.2 37.8#

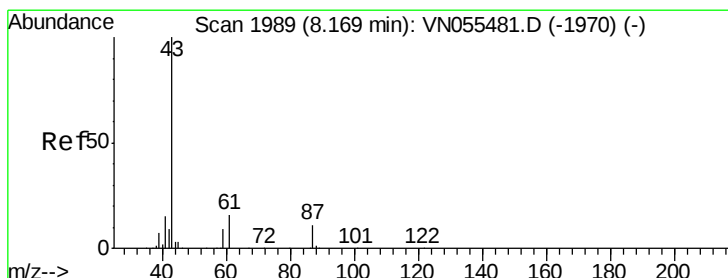
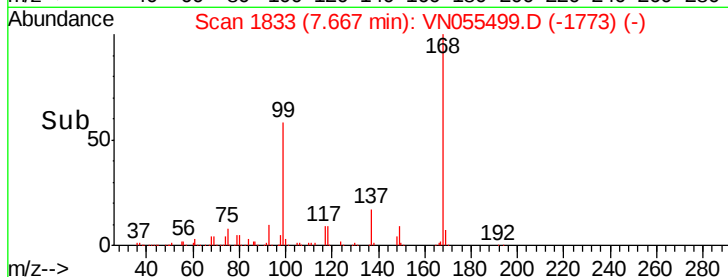
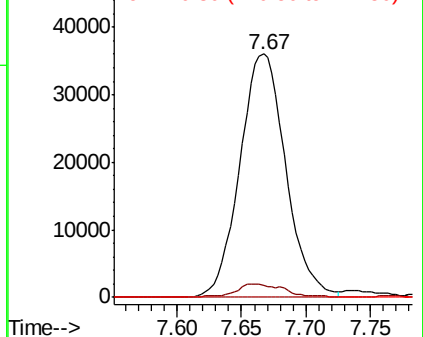


Abundance

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: 1.312 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

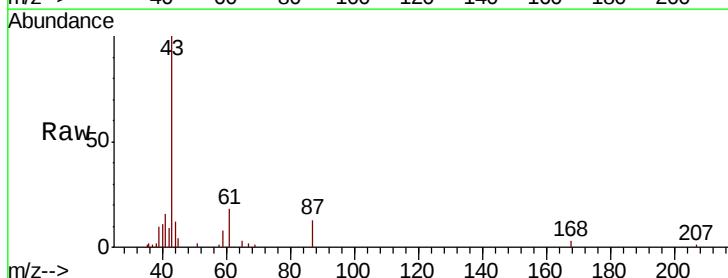
Tgt Ion: 43 Resp: 33961

Ion Ratio Lower Upper

43 100

61 17.5 15.1 22.7

87 12.4 9.0 13.6

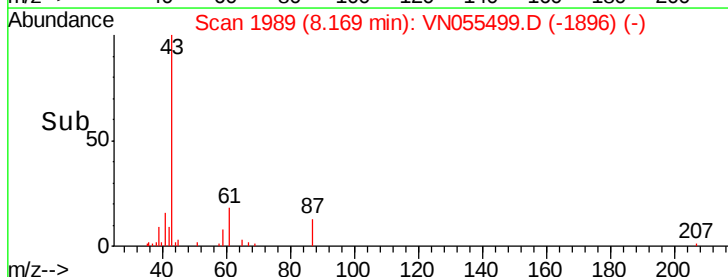
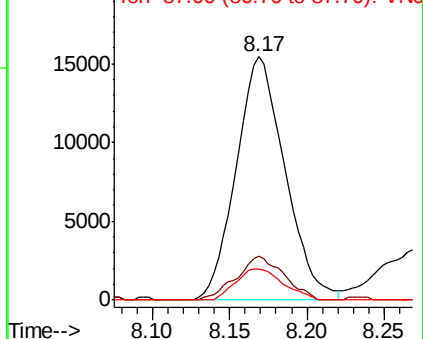


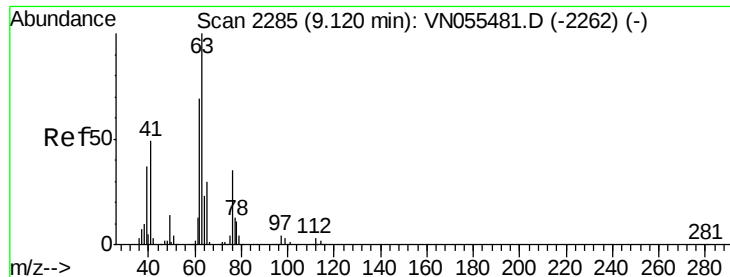
Abundance

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





#45

1,2-Dichloropropane

Concen: 0.288 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

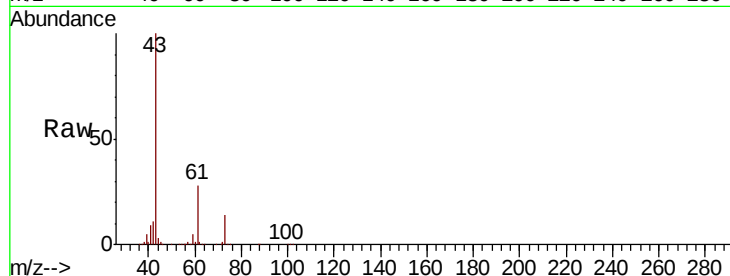
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 3995

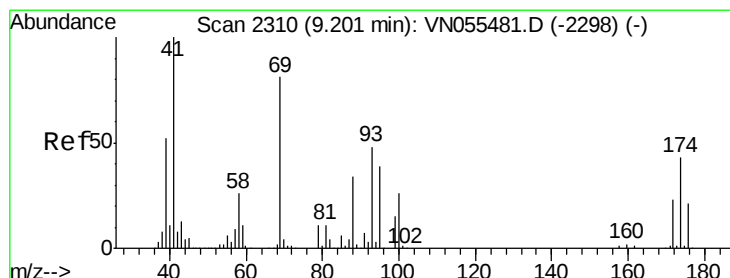
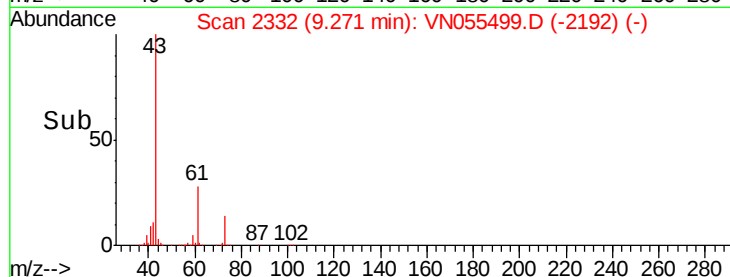
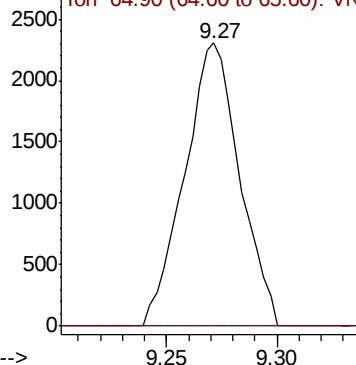
Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VNC
Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.514 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

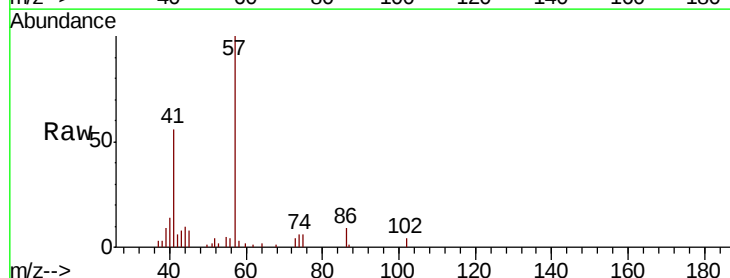
Tgt Ion: 41 Resp: 18887

Ion Ratio Lower Upper

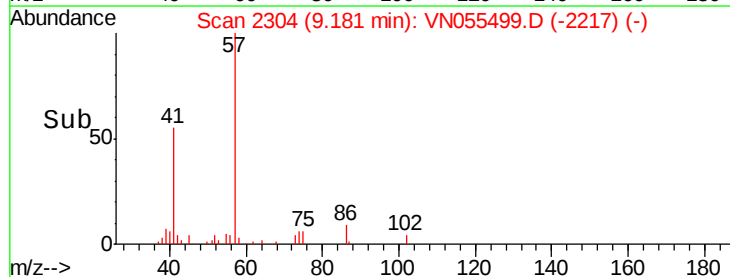
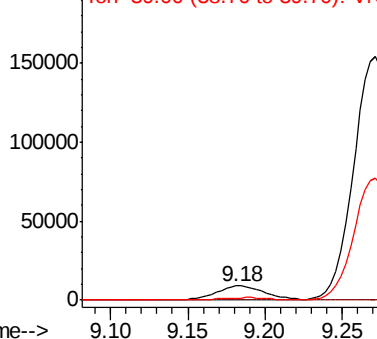
41 100

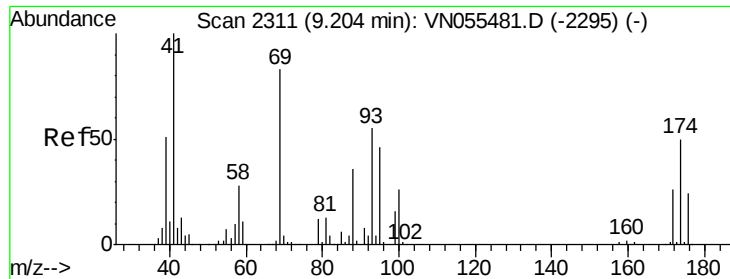
69 0.0 64.2 96.2#

39 0.0 41.6 62.4#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 0.996 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

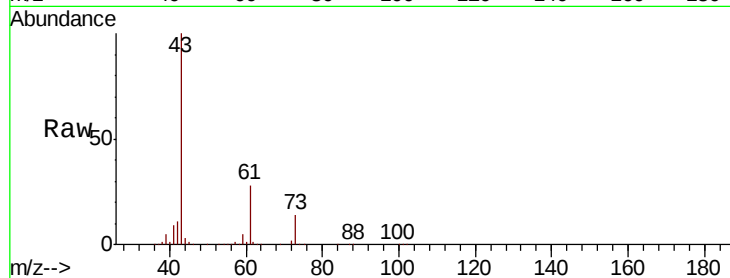
Tot Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

43 1317331.0 27.8 41.8#

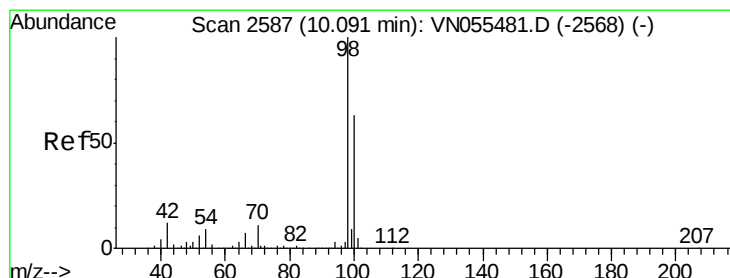
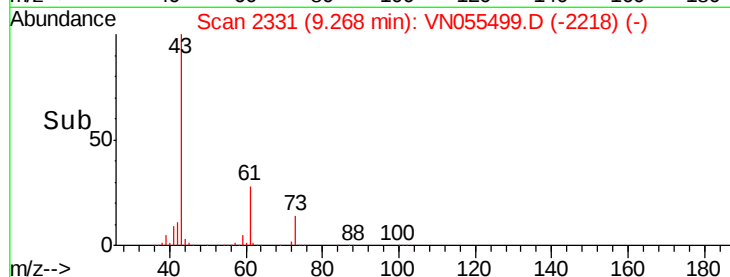
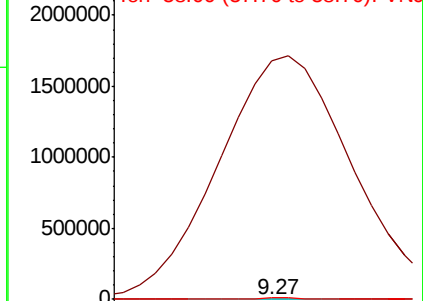
58 6403.3 61.8 92.6#



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: 49.017 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055499.D

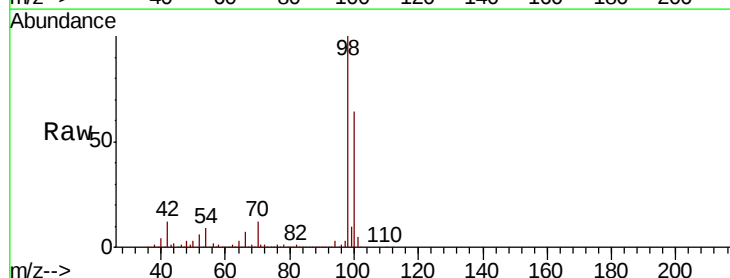
Acq: 9 May 2019 16:04

Tgt Ion: 98 Resp: 1953539

Ion Ratio Lower Upper

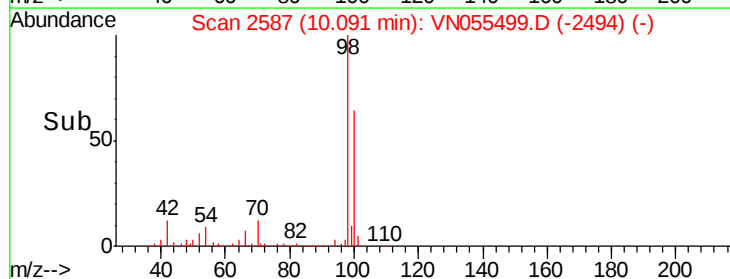
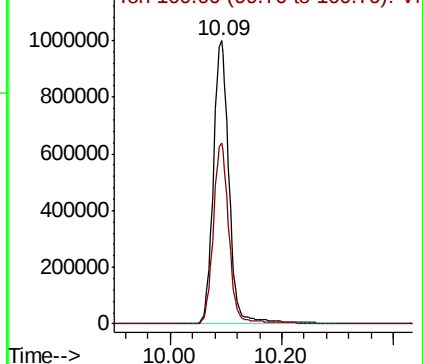
98 100

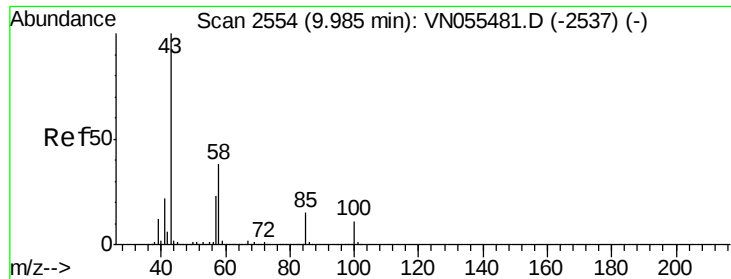
100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.493 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

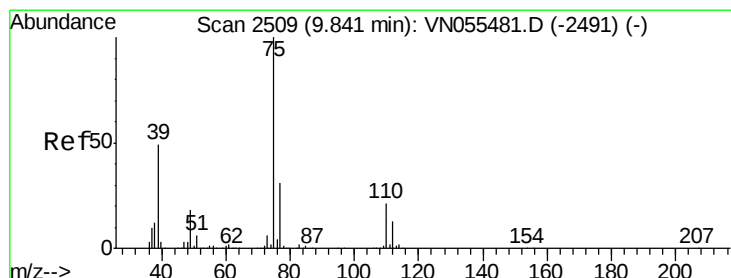
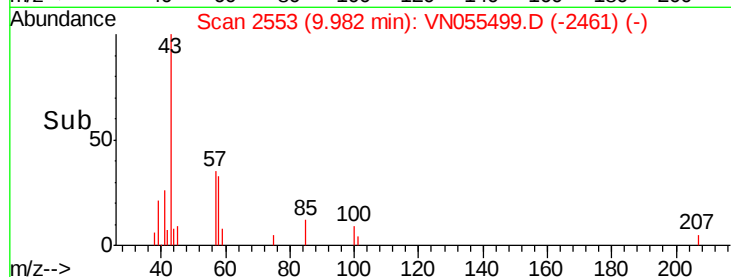
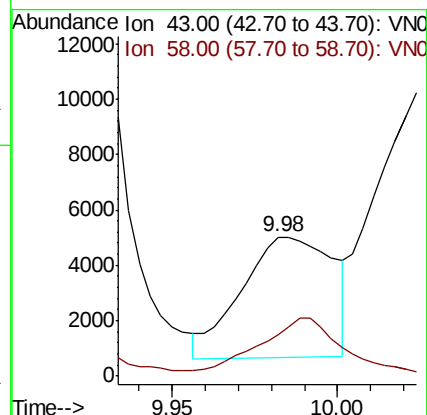
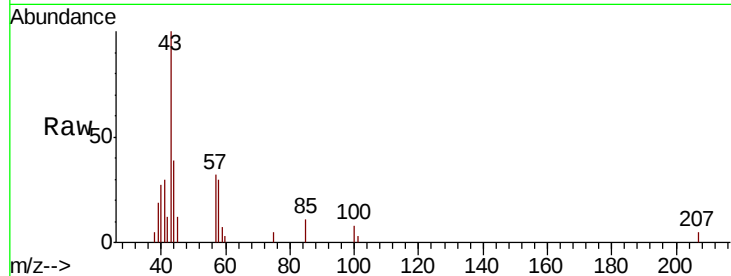
ClientSampled :

Tot Ion: 43 Resp: 8393

Ion Ratio Lower Upper

43 100

58 46.3 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 6.280 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

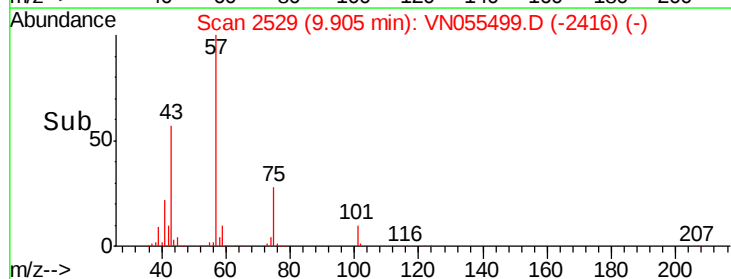
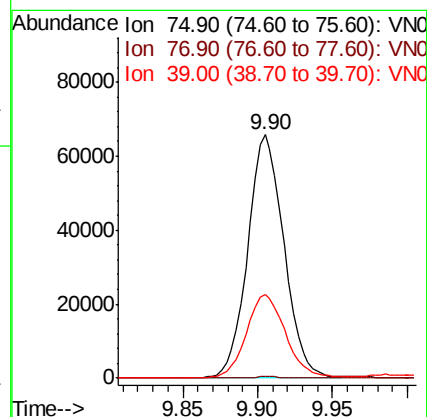
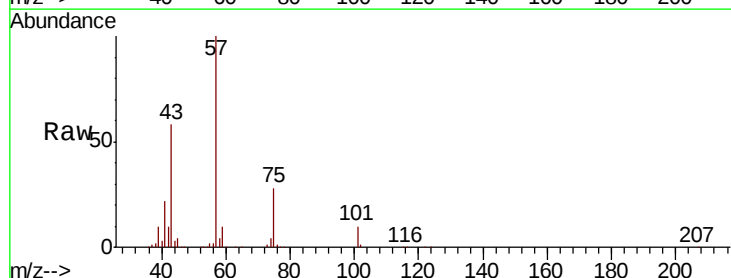
Tgt Ion: 75 Resp: 110854

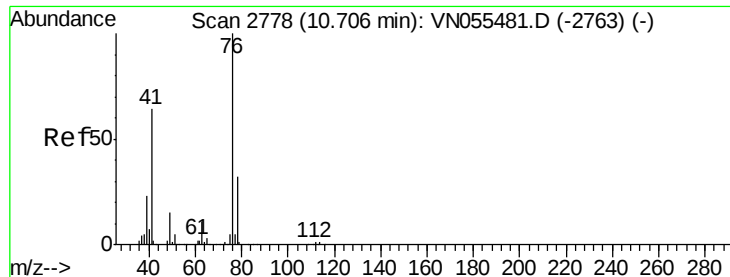
Ion Ratio Lower Upper

75 100

77 0.6 24.4 36.6#

39 34.3 39.5 59.3#

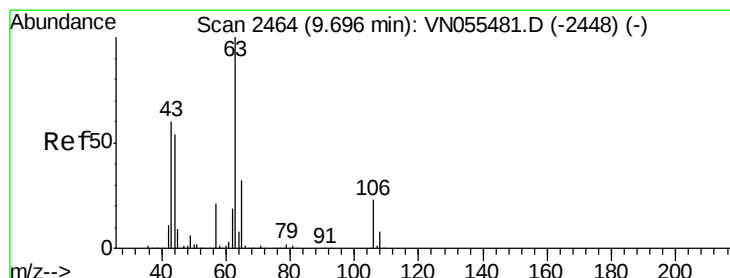
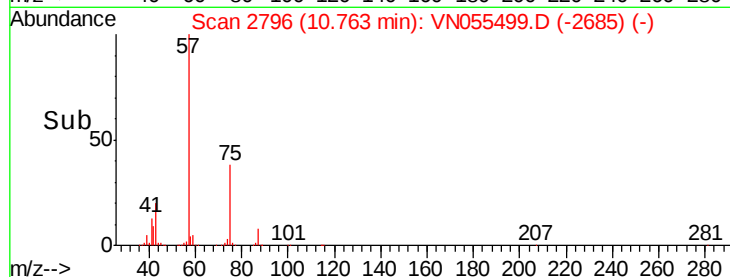
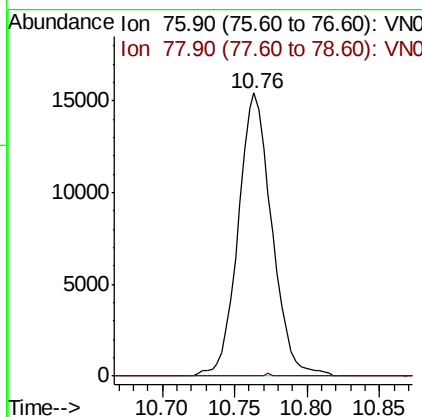
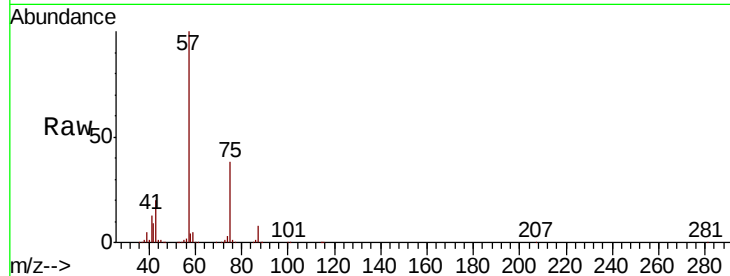




#57
 1,3-Dichloropropane
 Concen: 1.247 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

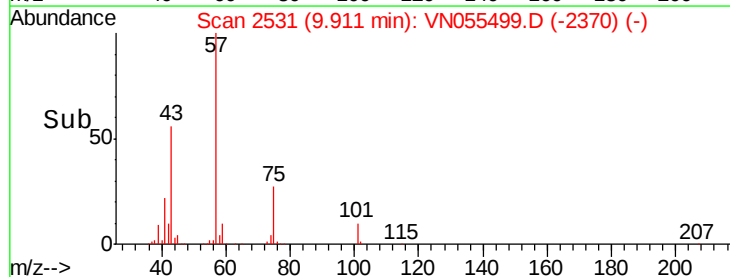
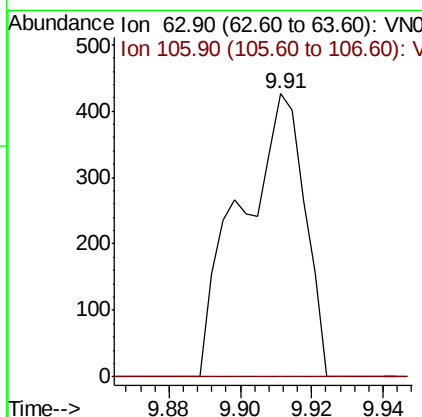
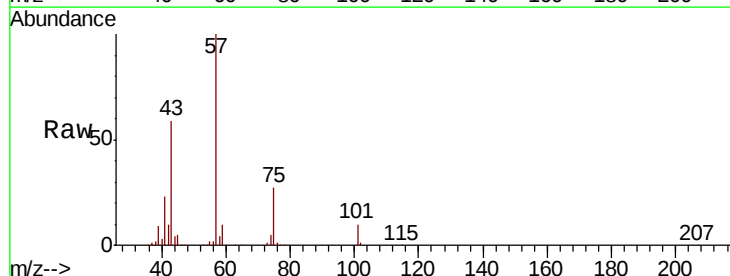
Instrument :
 MSVOA_N
 ClientSampleId :

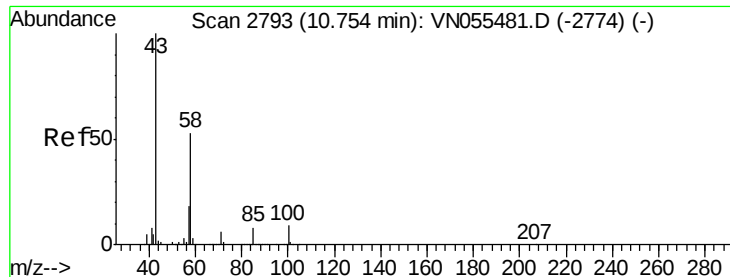
Tot Ion: 76 Resp: 24868
 Ion Ratio Lower Upper
 76 100
 78 0.1 25.8 38.6#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.601 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.22 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

Tgt Ion: 63 Resp: 526
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

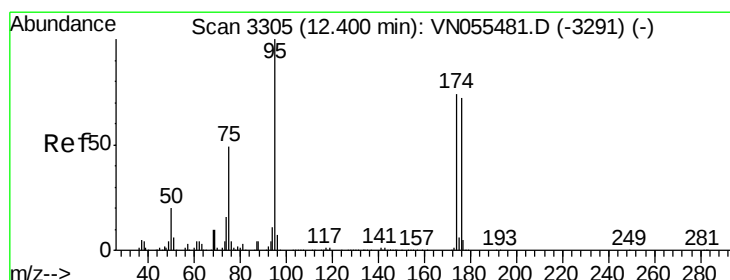
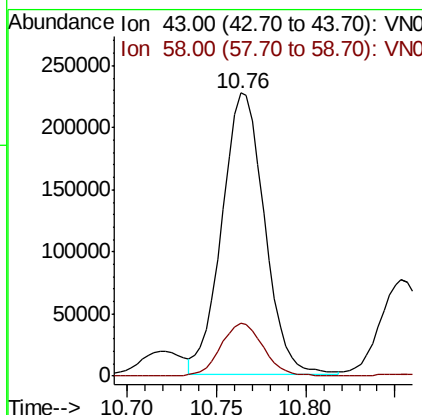
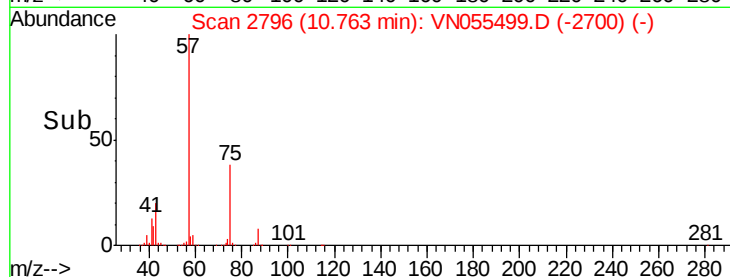
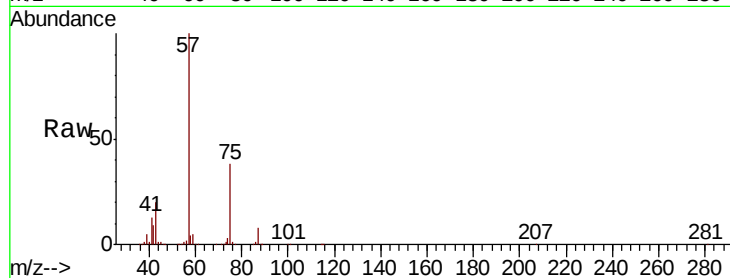




#59
2-Hexanone
Concen: 31.630 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

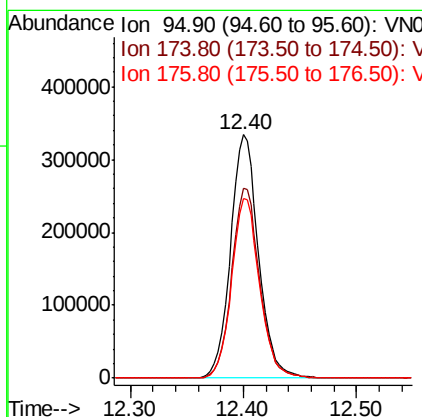
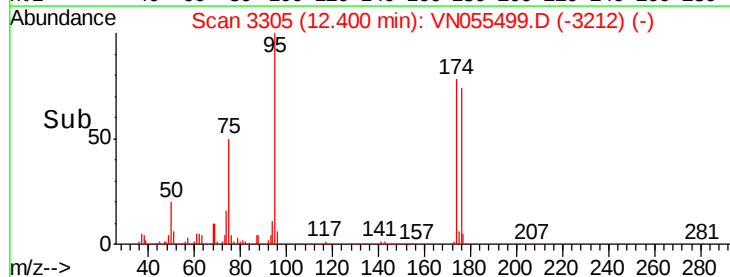
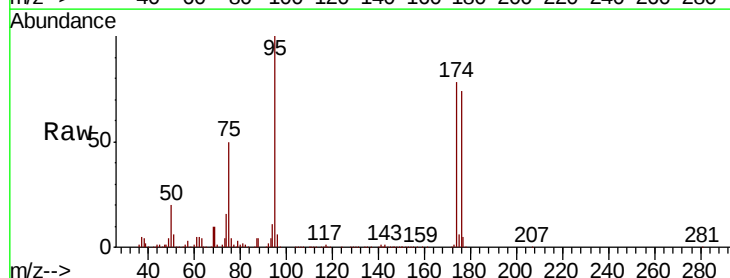
Instrument :
MSVOA_N
ClientSampled :

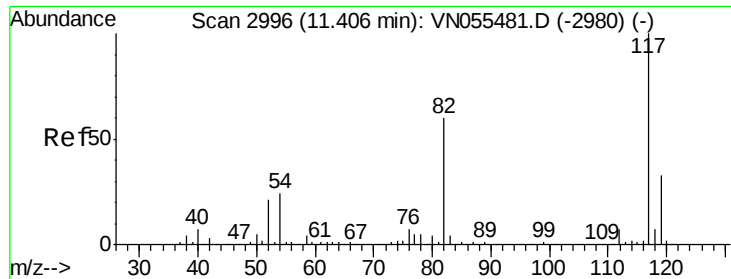
Tot Ion: 43 Resp: 377627
Ion Ratio Lower Upper
43 100
58 18.9 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 42.700 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Tgt Ion: 95 Resp: 573827
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.2
176 74.0 0.0 147.8

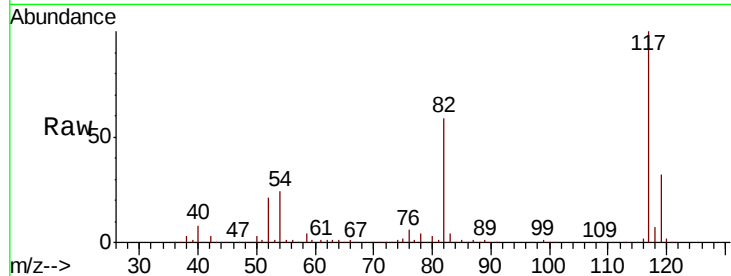




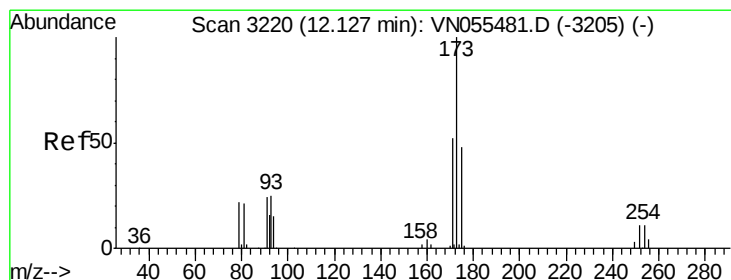
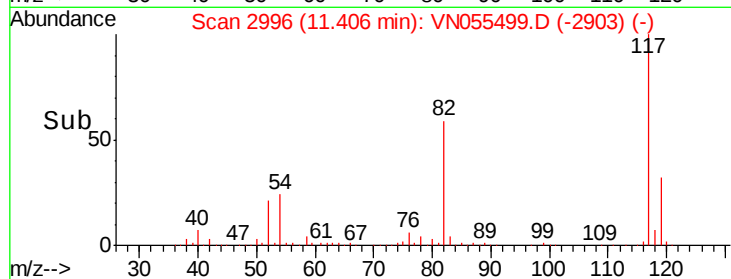
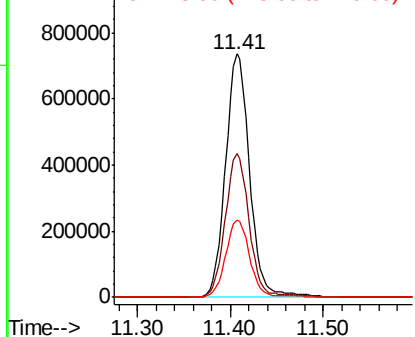
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1324513
Ion Ratio Lower Upper
117 100
82 58.9 48.0 72.0
119 32.0 26.0 39.0

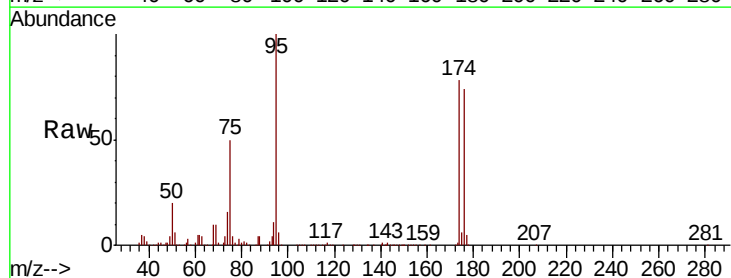


Abundance Ion 116.90 (116.60 to 117.60): V
1000000 Ion 82.00 (81.70 to 82.70): VN
800000 Ion 118.90 (118.60 to 119.60): V
600000
400000
200000
0

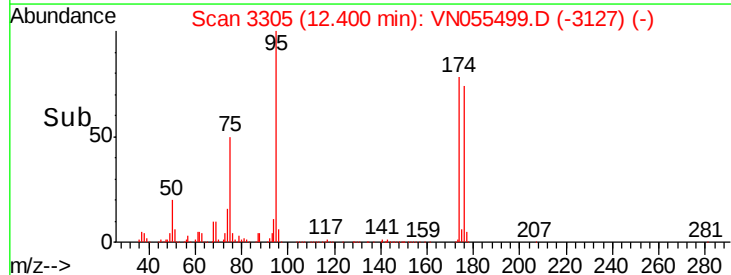
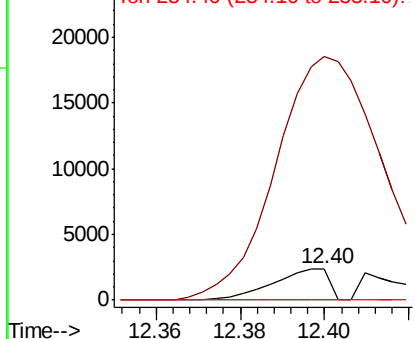


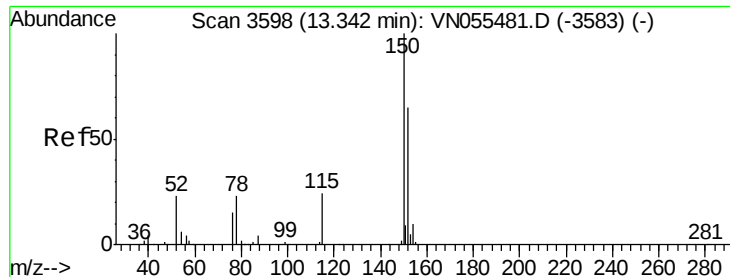
#71
Bromoform
Concen: 0.349 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Tgt Ion:173 Resp: 2208
Ion Ratio Lower Upper
173 100
175 1276.4 24.1 72.4#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
25000 Ion 174.70 (174.40 to 175.40): V
20000 Ion 254.40 (254.10 to 255.10): V
15000
10000
5000
0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

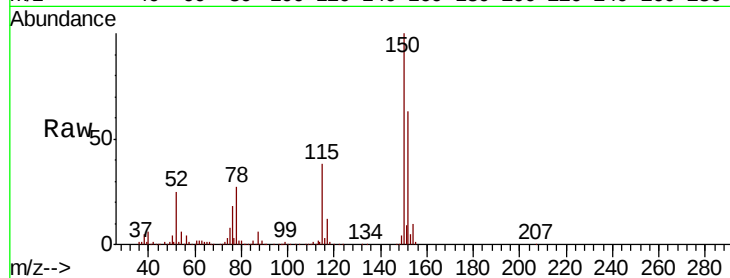
Tot Ion:152 Resp: 389853

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.5

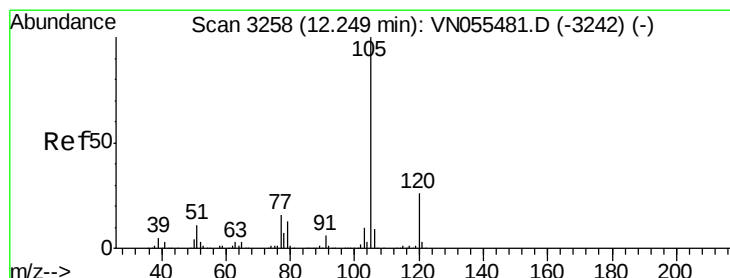
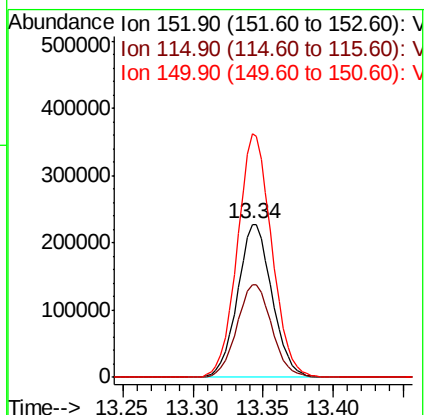
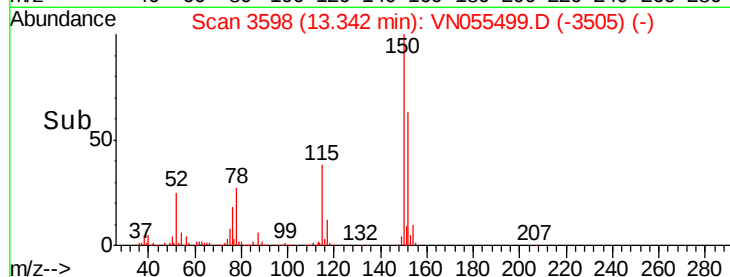
150 158.3 0.0 355.0



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN055499.D

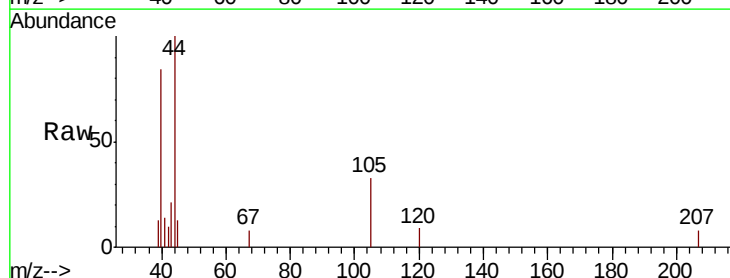
Acq: 9 May 2019 16:04

Tgt Ion:105 Resp: 1097

Ion Ratio Lower Upper

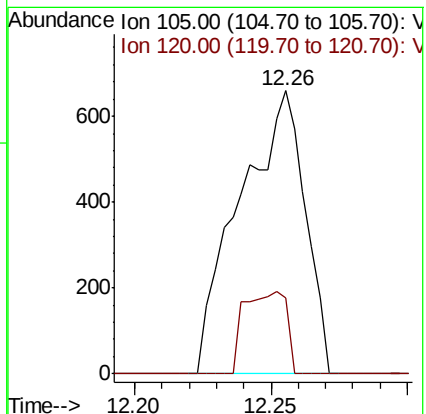
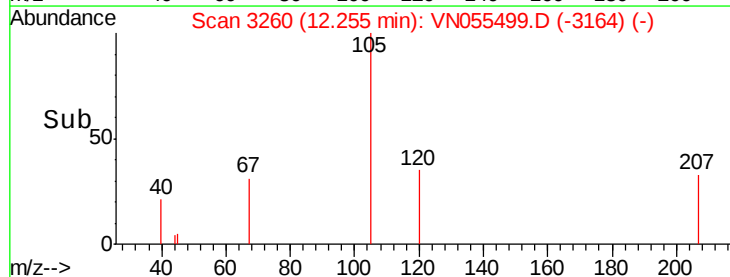
105 100

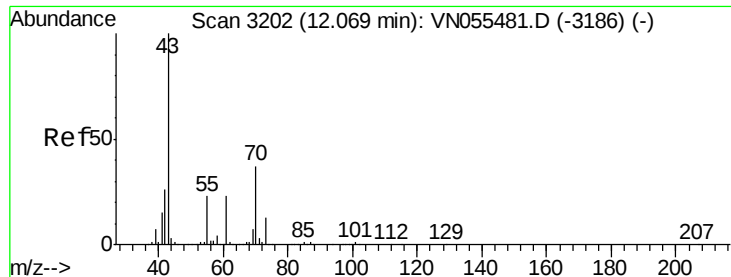
120 18.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.260 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 33444

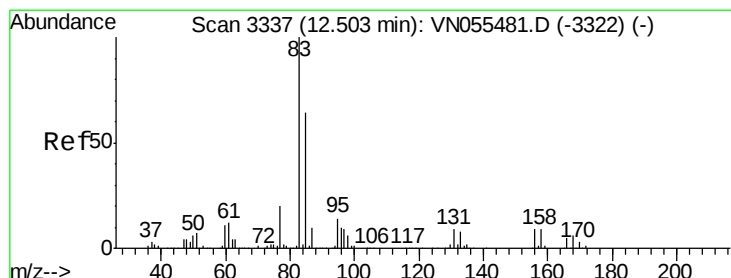
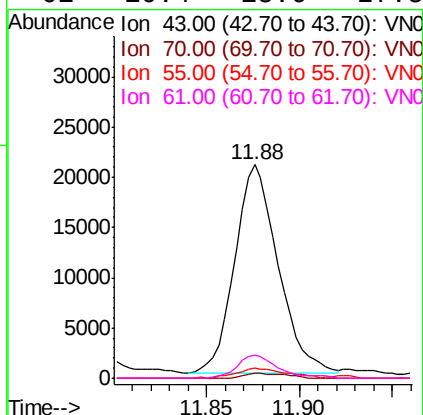
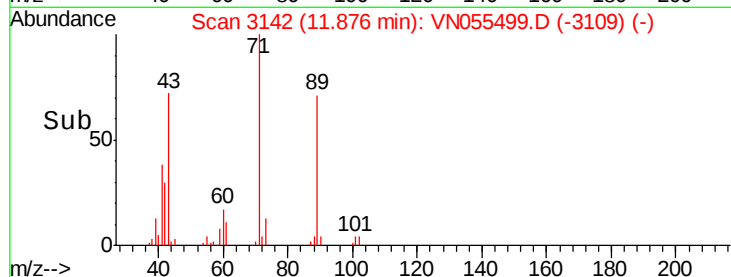
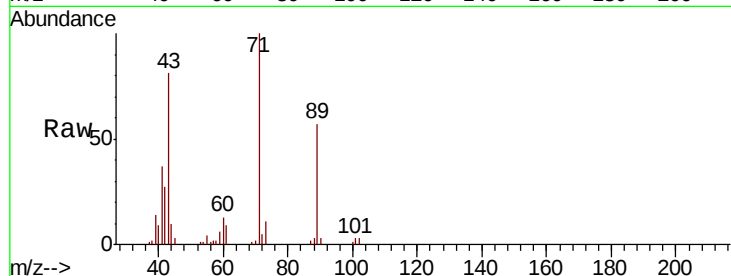
Ion Ratio Lower Upper

43 100

70 2.2 30.7 46.1#

55 5.5 19.3 28.9#

61 10.4 18.6 27.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

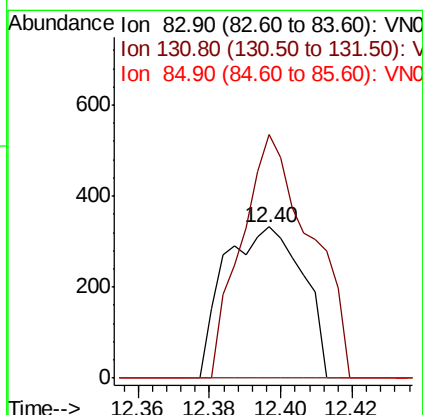
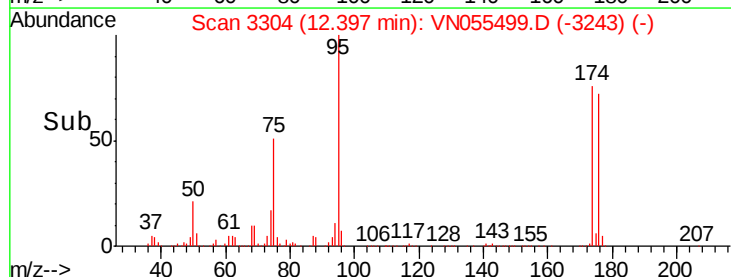
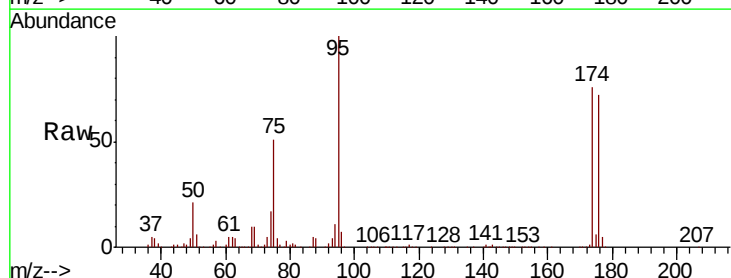
Tgt Ion: 83 Resp: 504

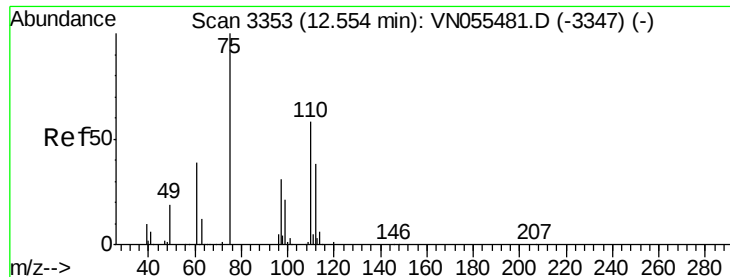
Ion Ratio Lower Upper

83 100

131 142.1 4.5 13.5#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 27.371 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

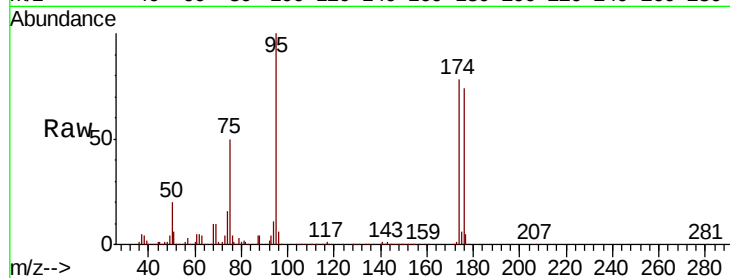
ClientSampled :

Tot Ion: 75 Resp: 290487

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)

12.40

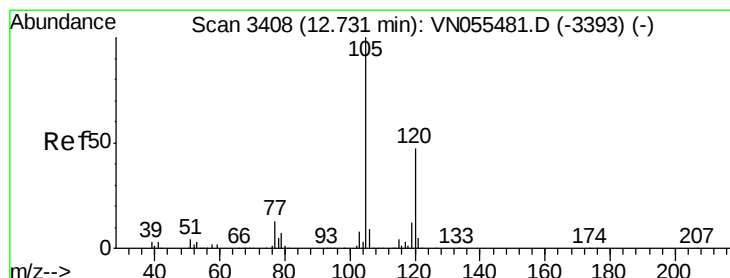
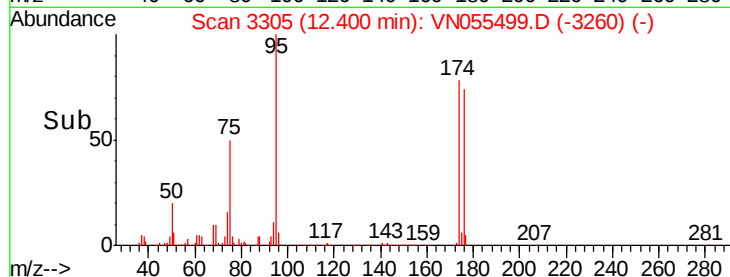
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.539 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055499.D

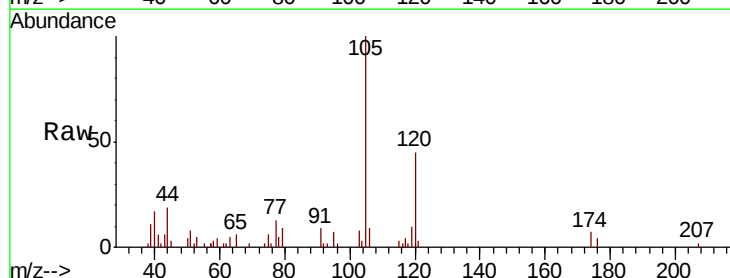
Acq: 9 May 2019 16:04

Tgt Ion: 105 Resp: 16795

Ion Ratio Lower Upper

105 100

120 48.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055481.D (-3393) (-)

12.73

12000

10000

8000

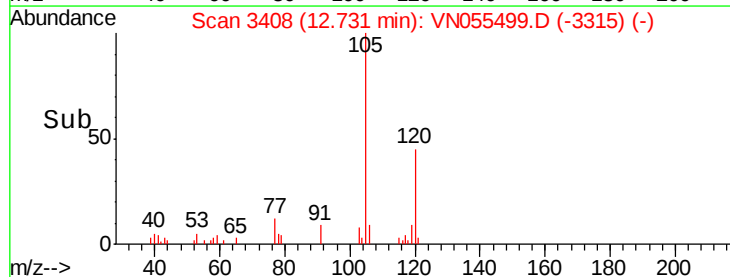
6000

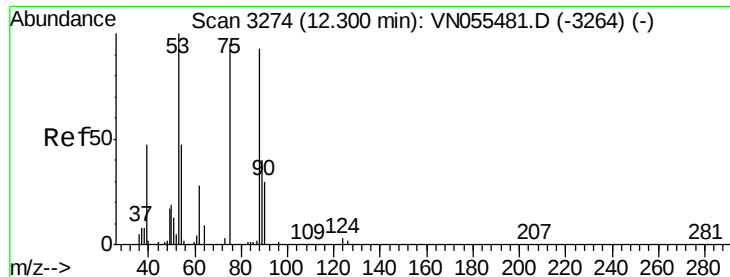
4000

2000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 100.994 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

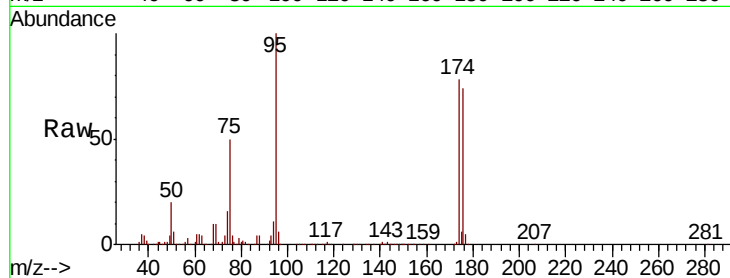
Tot Ion: 75 Resp: 290487

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

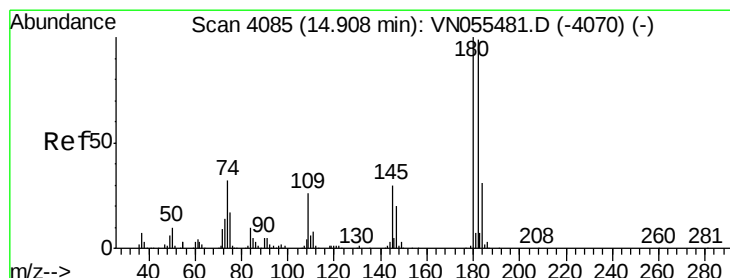
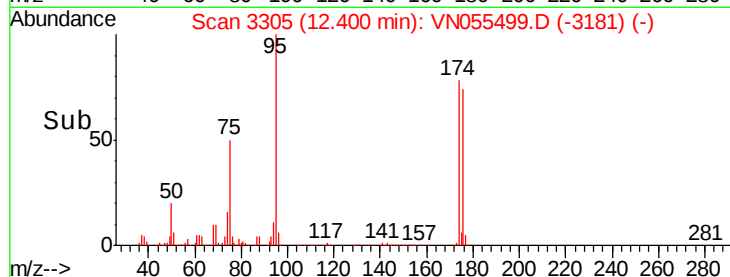
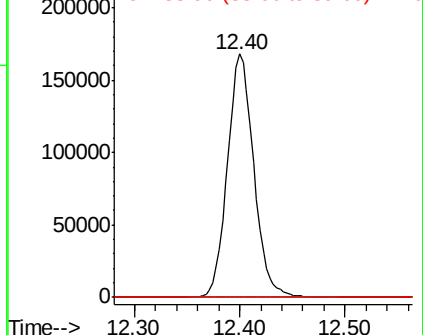
89 0.0 35.7 53.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 3.332 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

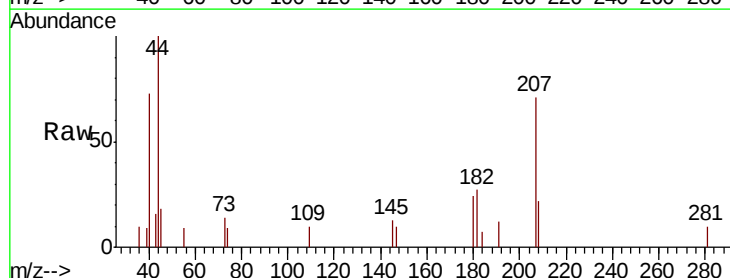
Tgt Ion: 180 Resp: 783

Ion Ratio Lower Upper

180 100

182 120.1 48.7 146.1

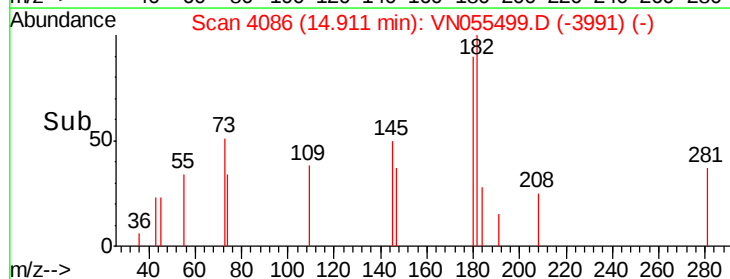
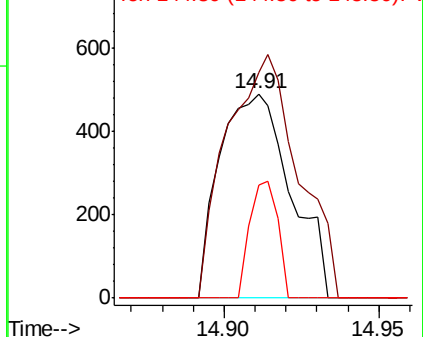
145 22.5 15.3 45.9

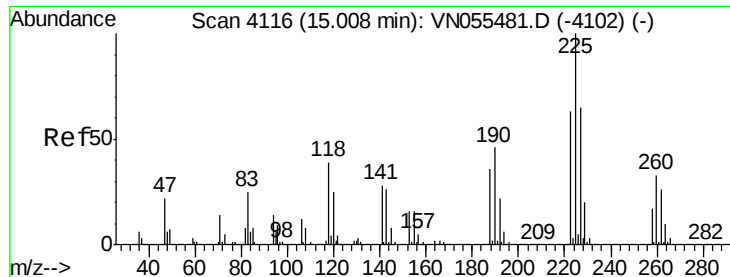


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

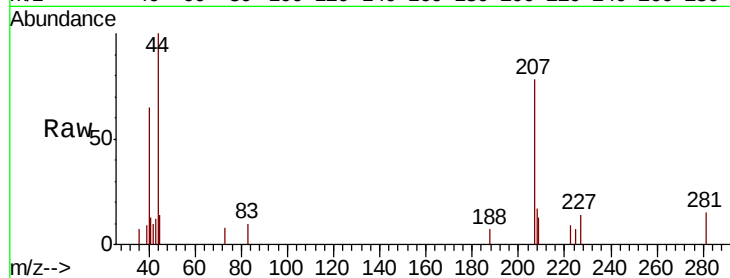
Tot Ion:225 Resp: 94

Ion Ratio Lower Upper

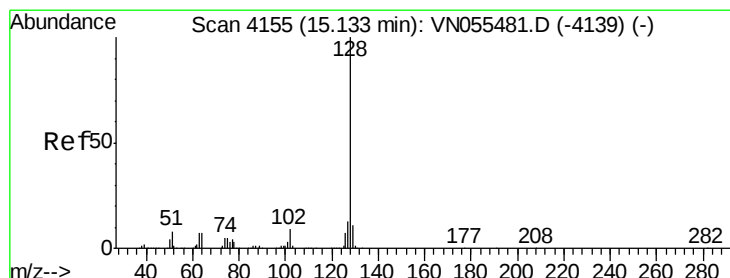
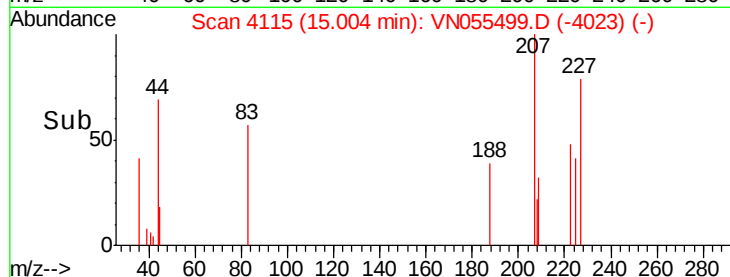
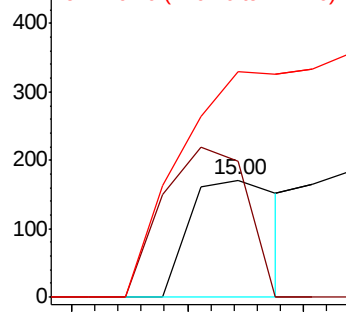
225 100

223 117.0 31.4 94.3#

227 454.3 32.0 96.0#



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: 3.172 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

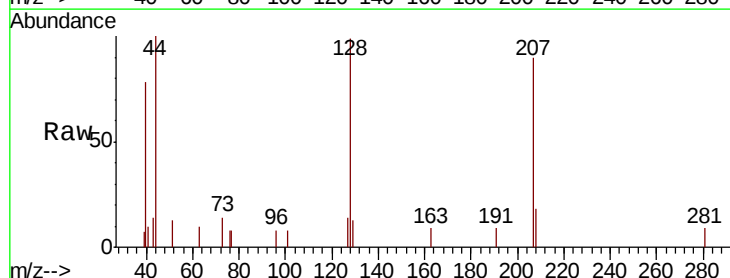
Tgt Ion:128 Resp: 4052

Ion Ratio Lower Upper

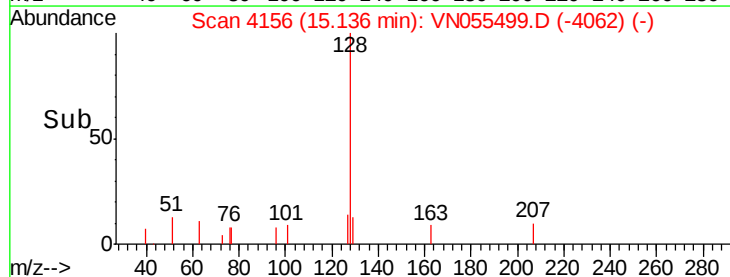
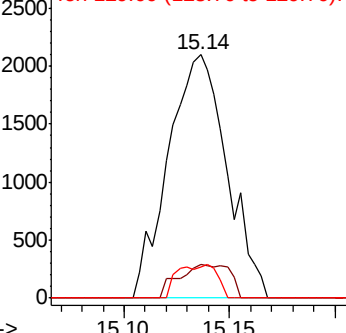
128 100

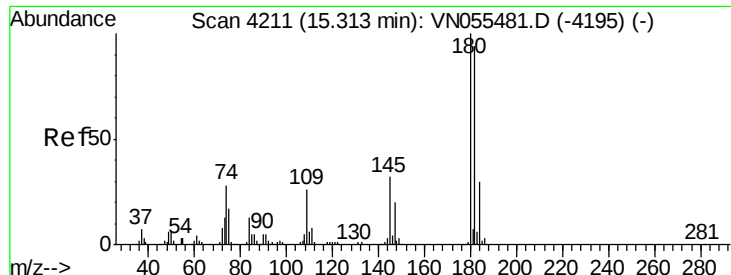
127 12.1 10.0 15.0

129 9.3 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: 2.599 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.7	47.1	141.3
145	25.6	15.8	47.4

