

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056719.D
 Acq On : 15 Jul 2019 17:59
 Operator : JC/SP
 Sample : K3817-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Quant Time: Jul 16 04:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201430	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	159725	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	144225	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	602360	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	221864	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	

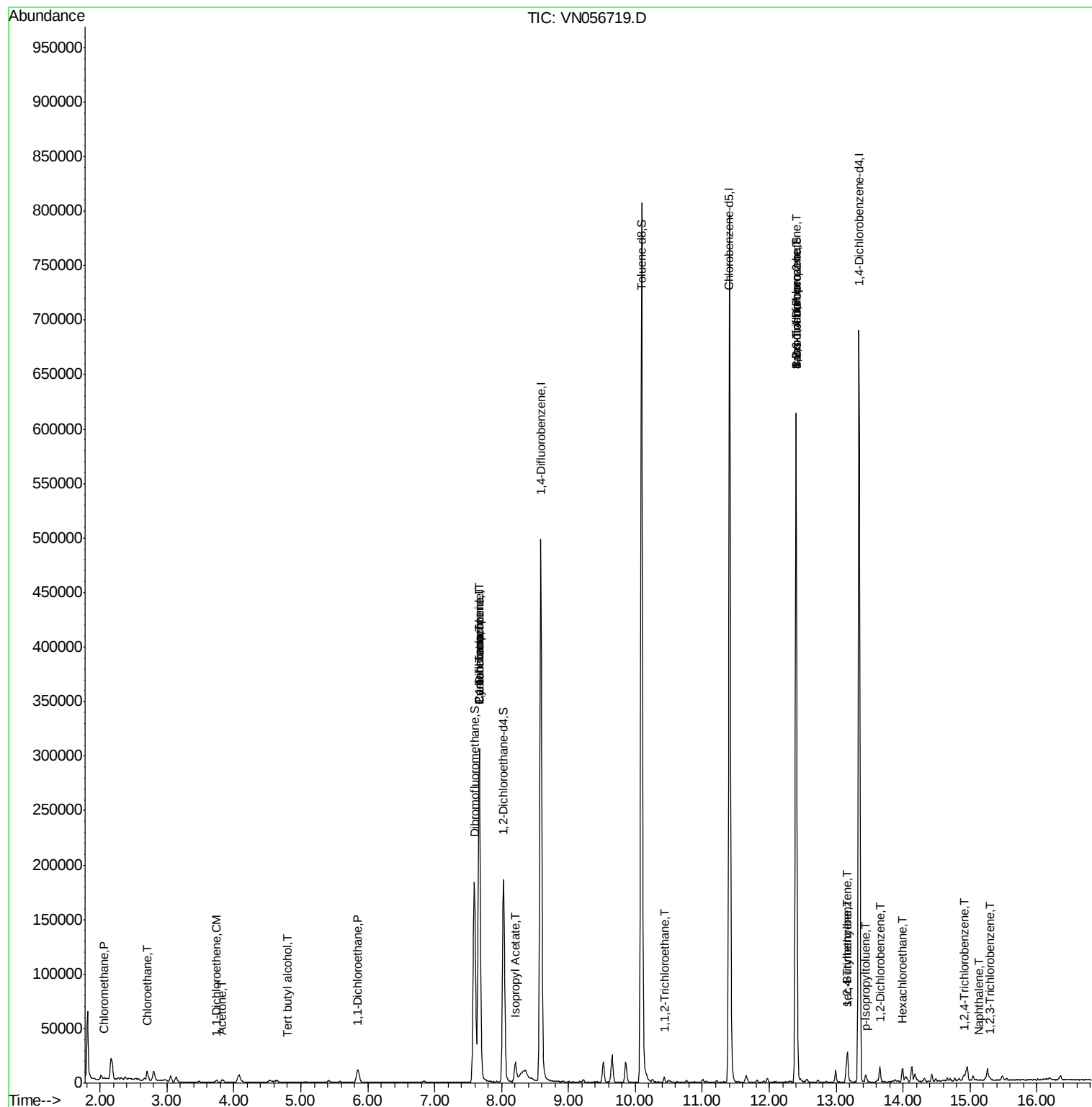
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.07	50	1160	0.334	ug/l	92
6) Chloroethane	2.71	64	8229	4.219	ug/l	92
11) Tert butyl alcohol	4.79	59	294	0.580	ug/l #	73
12) 1,1-Dichloroethene	3.73	96	1020	0.394	ug/l #	59
16) Acetone	3.83	43	4418	3.148	ug/l	96
18) Methyl Acetate	4.34	43	405	Below Cal	#	52
24) 1,1-Dichloroethane	5.85	63	19156	3.740	ug/l	99
31) Cyclohexane	7.67	56	4311	0.885	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17796	3.990	ug/l #	48
38) Carbon Tetrachloride	7.67	117	24095	5.760	ug/l #	16
43) Isopropyl Acetate	8.20	43	3395	0.491	ug/l #	53
55) 1,1,2-Trichloroethane	10.44	97	1670	0.491	ug/l #	23
71) Bromoform	12.40	173	1534	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	104528	23.726	ug/l #	100
79) 2-Chlorotoluene	12.60	91	320	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	104528	73.275	ug/l #	13
83) tert-Butylbenzene	12.99	119	5647	Below Cal		96
84) 1,2,4-Trimethylbenzene	13.17	105	18263	1.358	ug/l #	30
85) sec-Butylbenzene	13.17	105	18263	1.194	ug/l #	75
86) p-Isopropyltoluene	13.44	119	4056	0.293	ug/l	98
90) Hexachloroethane	13.99	117	1911	0.853	ug/l #	3
91) 1,2-Dichlorobenzene	13.65	146	5921	0.832	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	251	3.750	ug/l #	1
95) Naphthalene	15.13	128	683	4.583	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	272	3.388	ug/l #	1

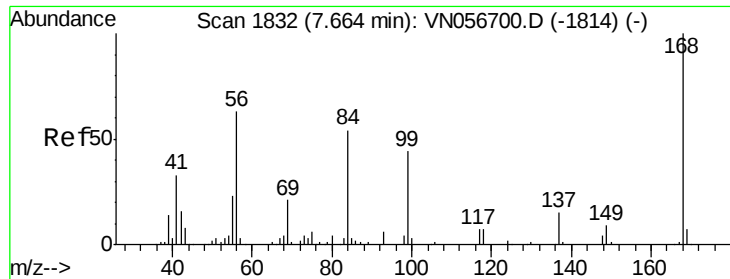
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 01:25:25 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: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

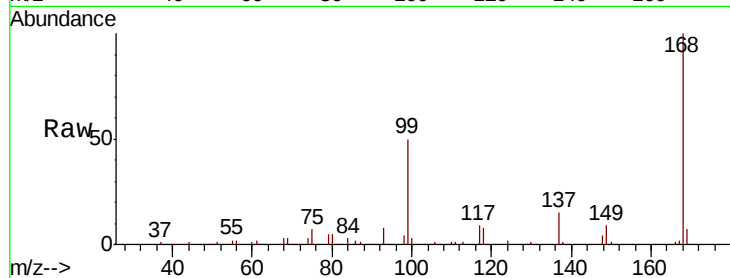
SA-TW532-3439

Tot Ion:168 Resp: 275328

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056719.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056719.D (-1739) (-)

7.67

120000

100000

80000

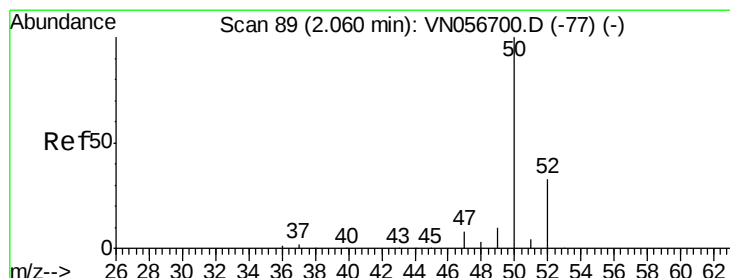
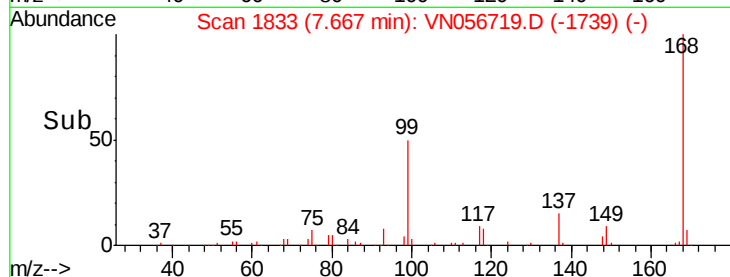
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.334 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.01 min

Lab File: VN056719.D

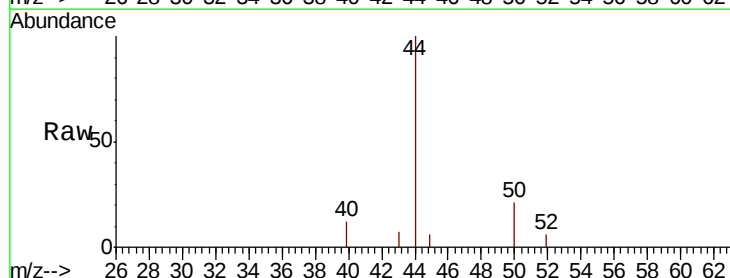
Acq: 15 Jul 2019 17:59

Tgt Ion: 50 Resp: 1160

Ion Ratio Lower Upper

50 100

52 28.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN056719.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN056719.D (-1) (-)

2.07

800

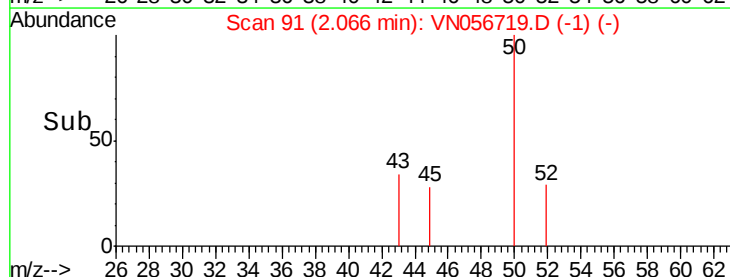
600

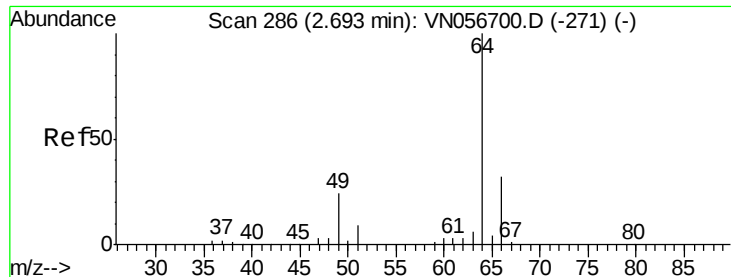
400

200

0

Time-->





#6

Chloroethane

Concen: 4.219 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

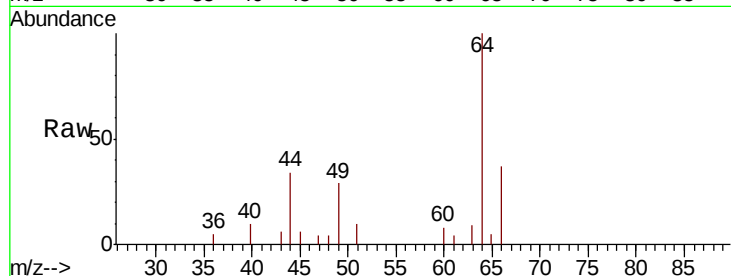
SA-TW532-3439

Tot Ion: 64 Resp: 8229

Ion Ratio Lower Upper

64 100

66 37.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

4000

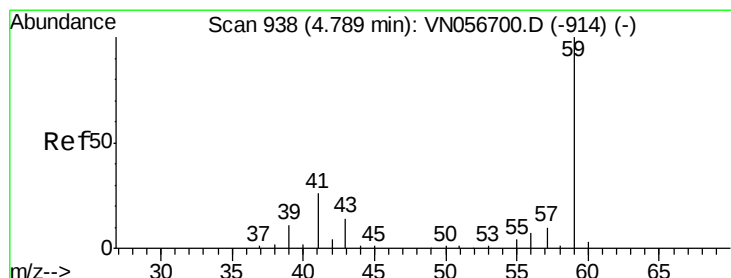
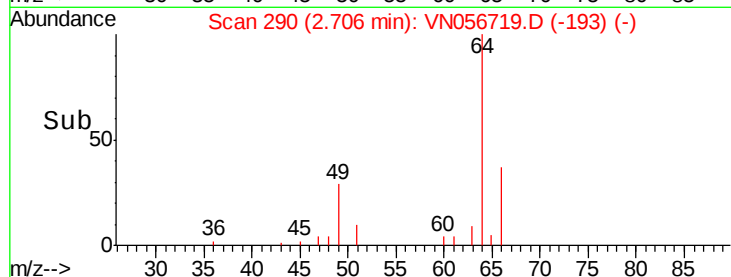
3000

2000

1000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.580 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.00 min

Lab File: VN056719.D

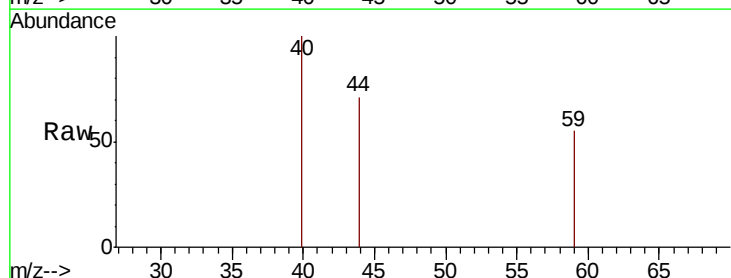
Acq: 15 Jul 2019 17:59

Tgt Ion: 59 Resp: 294

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.79

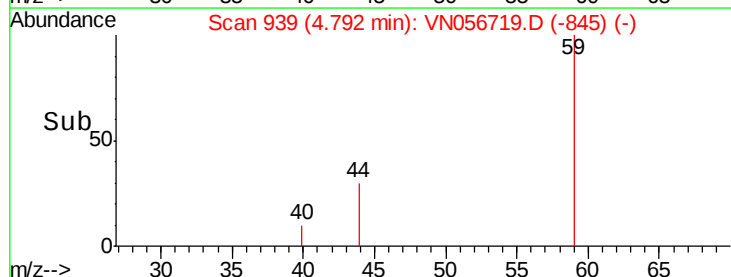
300

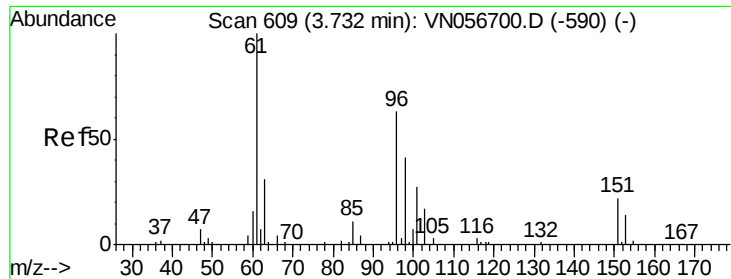
200

100

0

Time-->

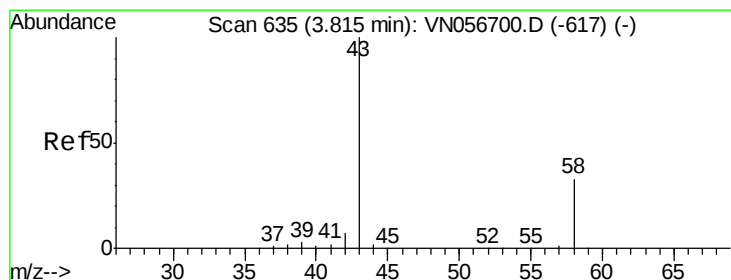
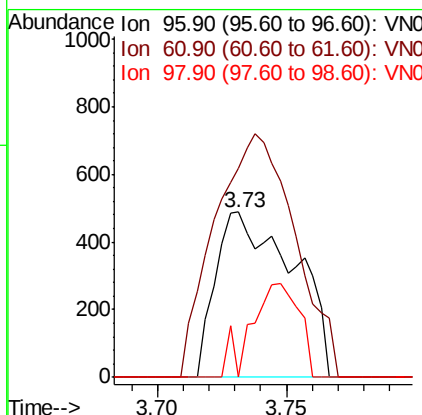
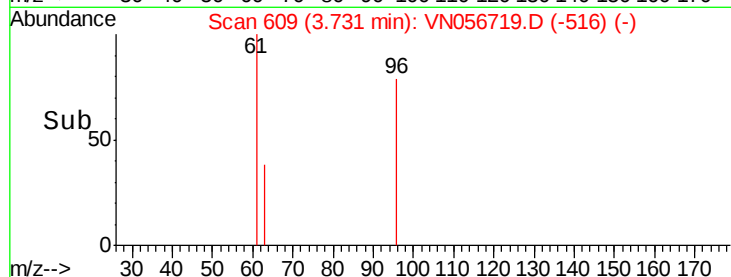
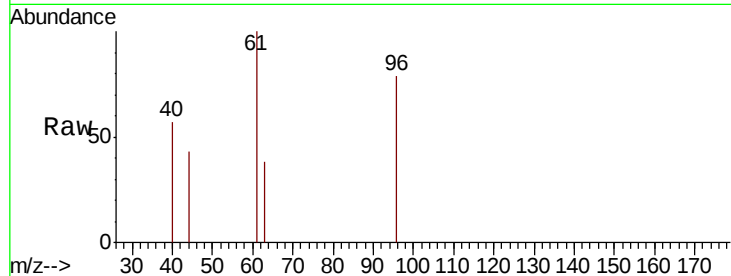




#12
 1,1-Dichloroethene
 Concen: 0.394 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

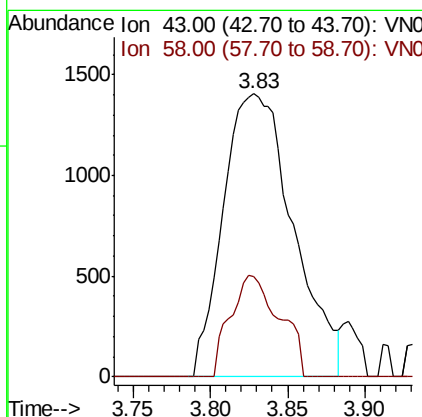
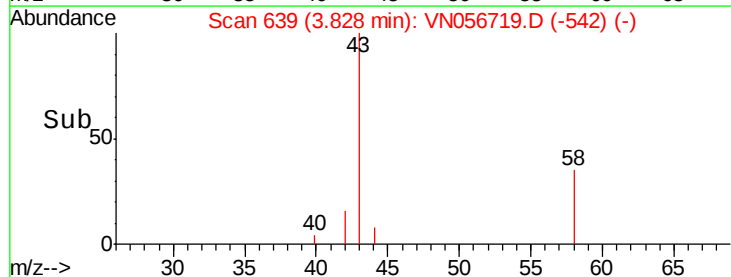
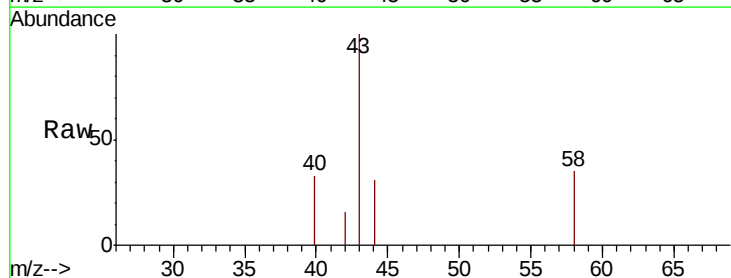
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

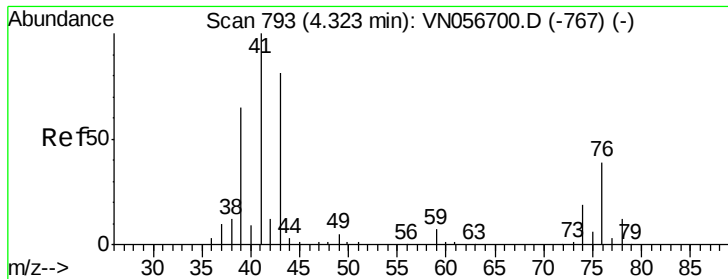
Tot Ion: 96 Resp: 1020
 Ion Ratio Lower Upper
 96 100
 61 126.4 126.6 189.8#
 98 0.0 51.4 77.2#



#16
 Acetone
 Concen: 3.148 ug/l
 RT: 3.83 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion: 43 Resp: 4418
 Ion Ratio Lower Upper
 43 100
 58 35.4 26.7 40.1

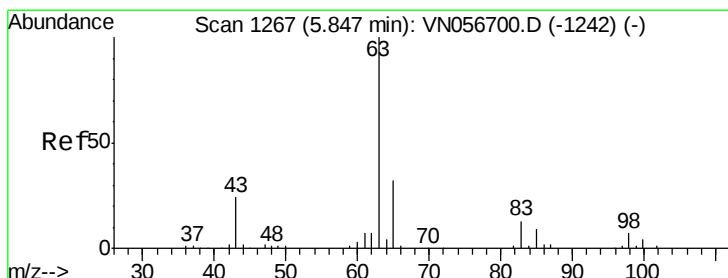
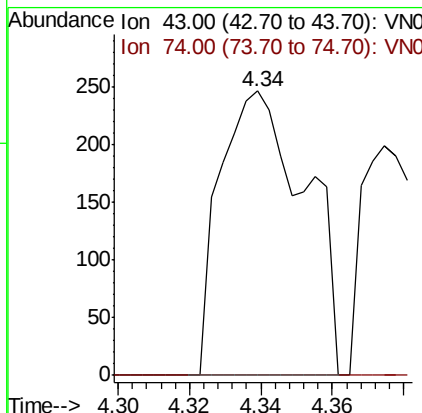
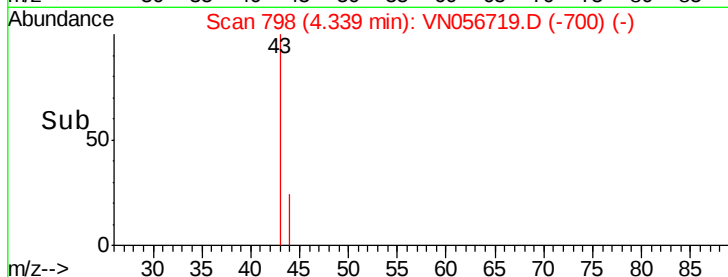
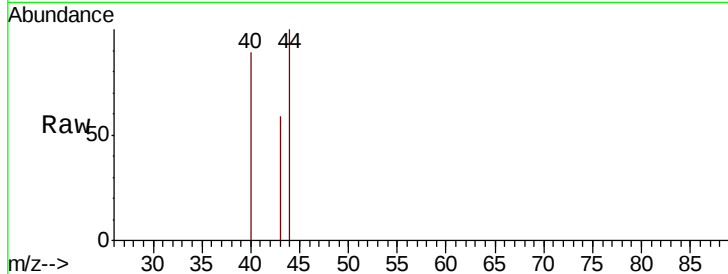




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN056719.D
Acq: 15 Jul 2019 17:59

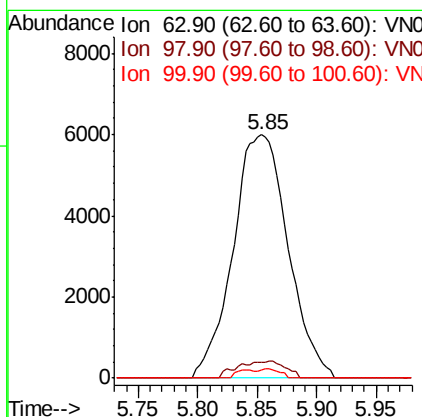
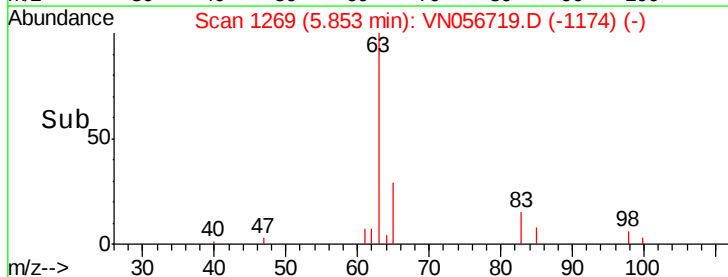
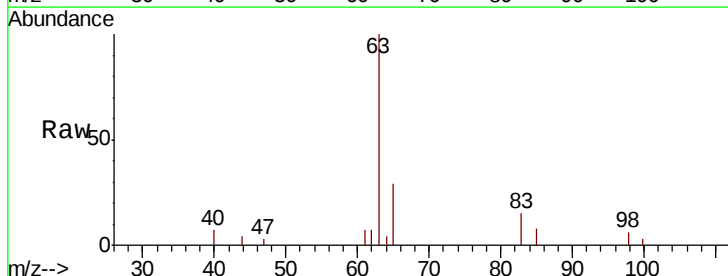
Instrument :
MSVOA_N
ClientSampleId :
SA-TW532-3439

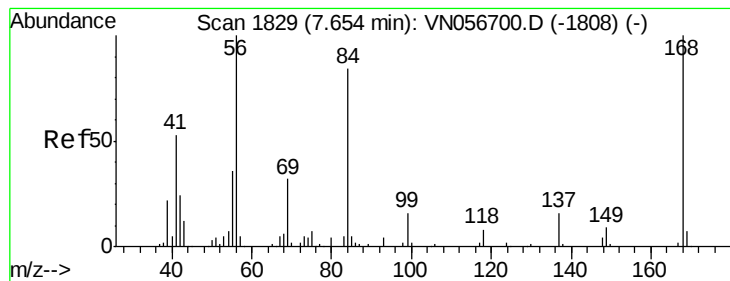
Tot Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#24
1,1-Dichloroethane
Concen: 3.740 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VN056719.D
Acq: 15 Jul 2019 17:59

Tgt Ion: 63 Resp: 19156
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.9
100 3.2 2.0 5.8





#31

Cyclohexane

Concen: 0.885 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

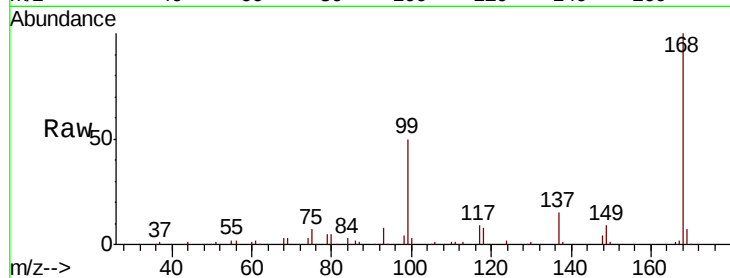
Tot Ion: 56 Resp: 4311

Ion Ratio Lower Upper

56 100

69 193.9 25.8 38.8#

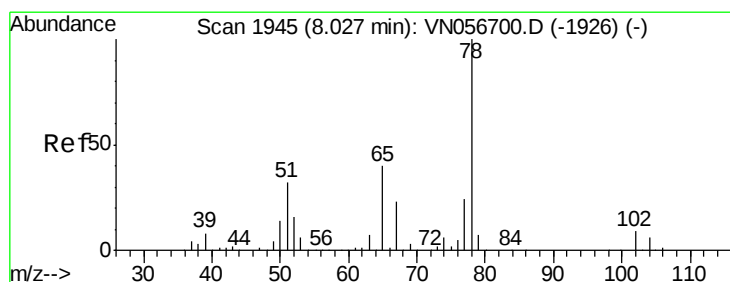
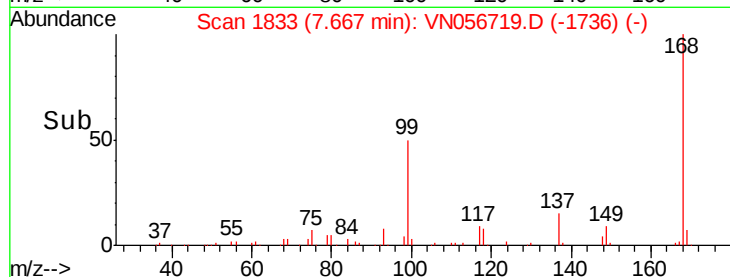
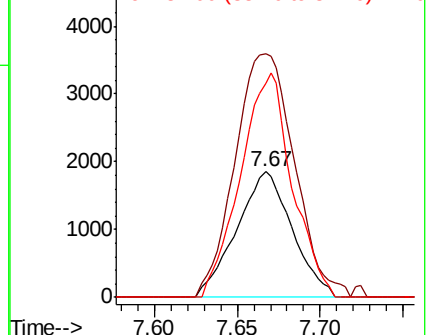
84 170.2 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN056719.D

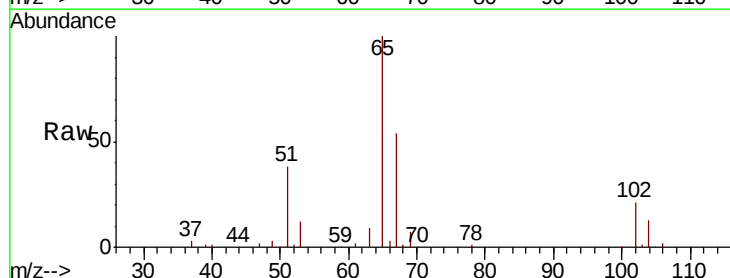
Acq: 15 Jul 2019 17:59

Tgt Ion: 65 Resp: 159725

Ion Ratio Lower Upper

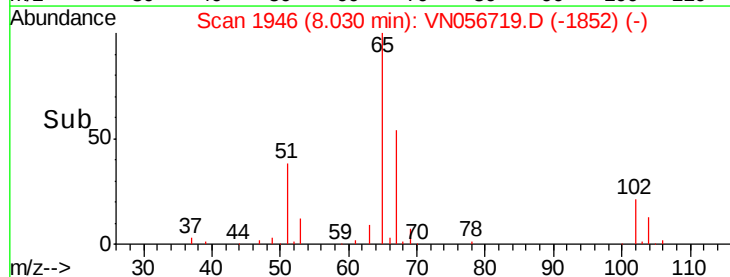
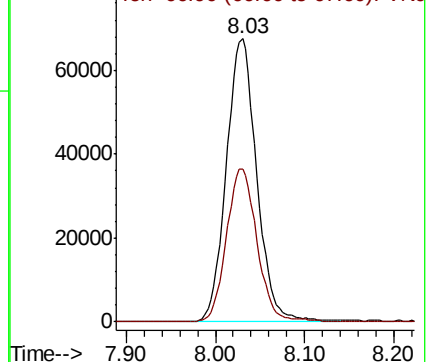
65 100

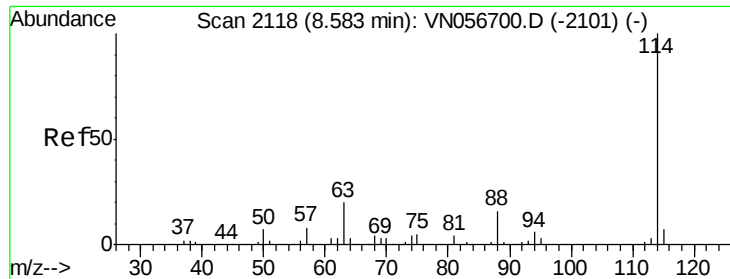
67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

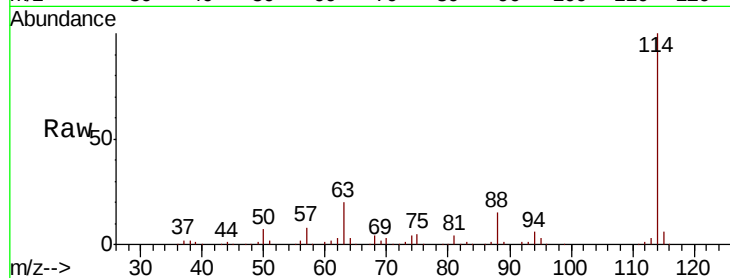




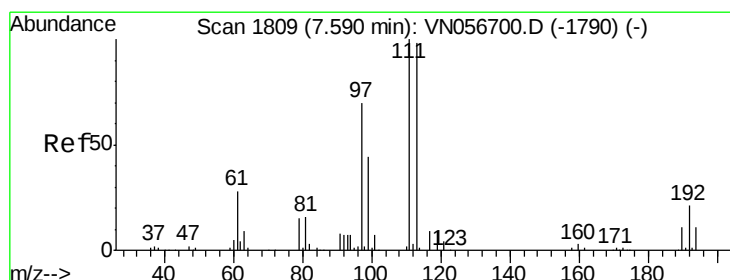
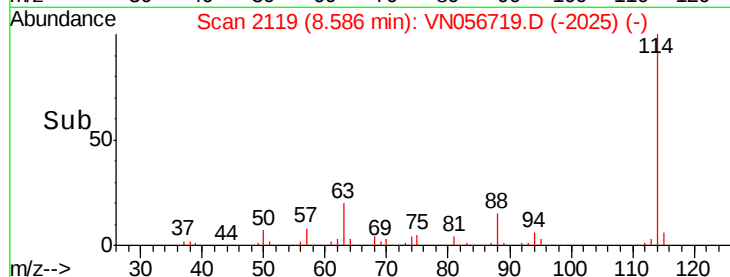
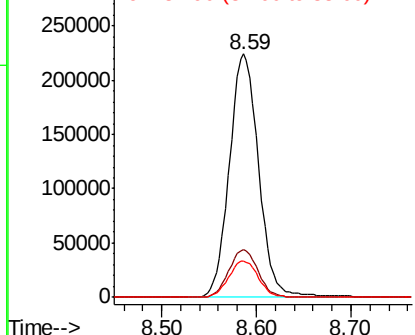
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Tot Ion:114 Resp: 482018
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.9 0.0 31.2

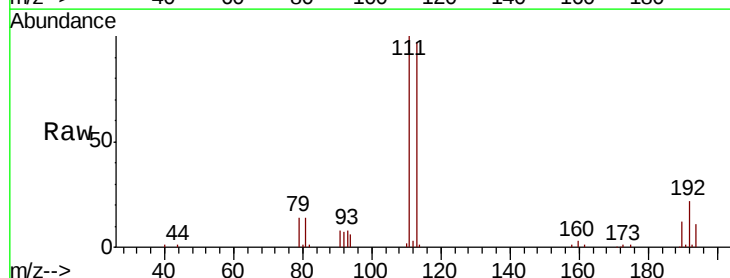


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

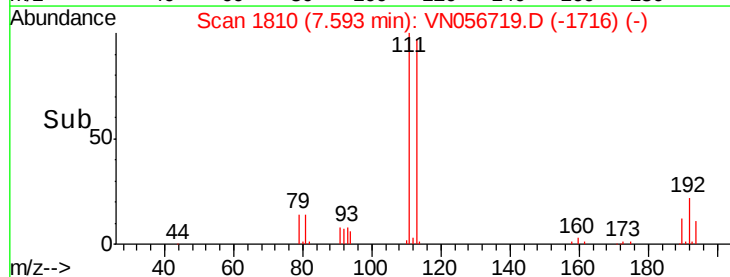
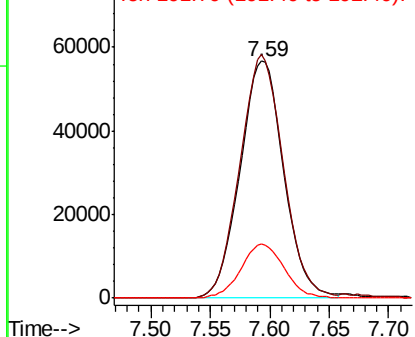


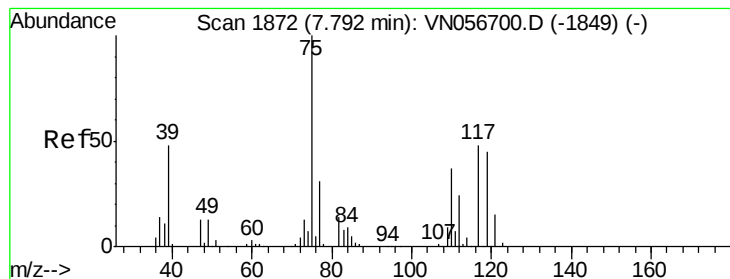
#35
 Dibromofluoromethane
 Concen: 48.080 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion:113 Resp: 144225
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 22.6 17.5 26.3



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: 3.990 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

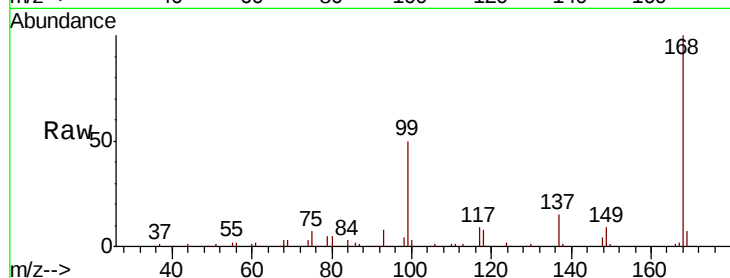
Tot Ion: 75 Resp: 17796

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.4#

77 0.0 24.6 36.8#

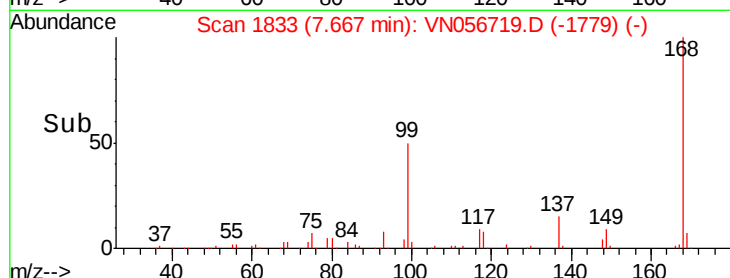


Abundance Ion 74.90 (74.60 to 75.60): VN056719.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN056719.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN056719.D (-1779) (-)

Time-->

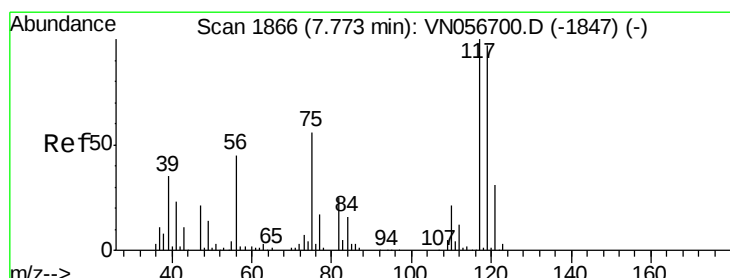


Abundance Ion 74.90 (74.60 to 75.60): VN056719.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN056719.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN056719.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.760 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

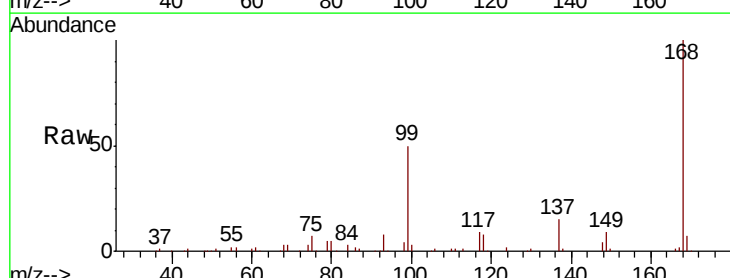
Tgt Ion: 117 Resp: 24095

Ion Ratio Lower Upper

117 100

119 5.2 77.5 116.3#

121 0.0 24.7 37.1#

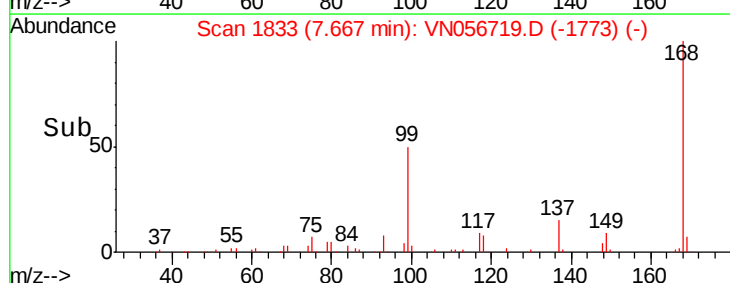


Abundance Ion 116.80 (116.50 to 117.50): VN056719.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056719.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056719.D (-1773) (-)

Time-->

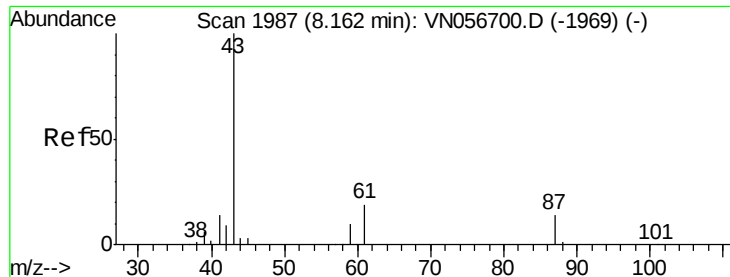


Abundance Ion 116.80 (116.50 to 117.50): VN056719.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056719.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056719.D (-1773) (-)

Time-->



#43

Isopropyl Acetate

Concen: 0.491 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

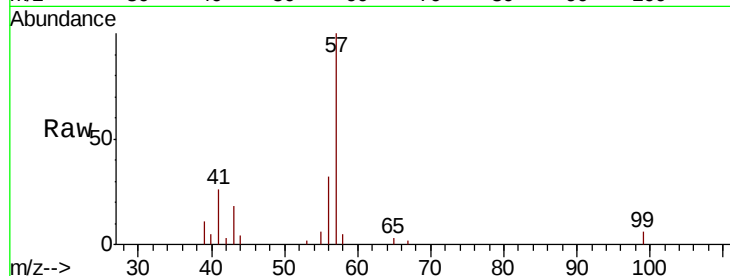
Tot Ion: 43 Resp: 3395

Ion Ratio Lower Upper

43 100

61 0.0 22.3 33.5#

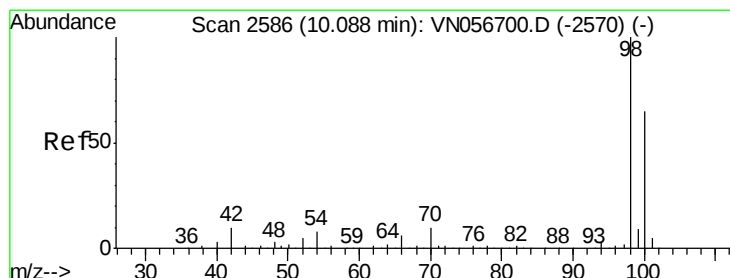
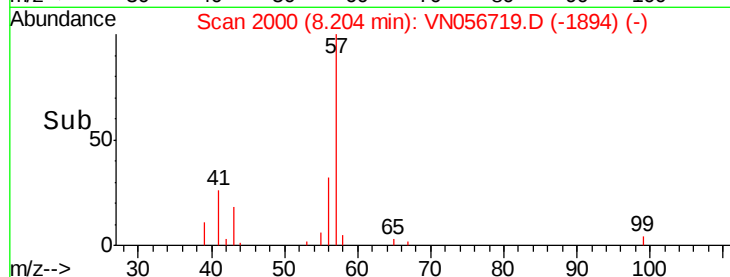
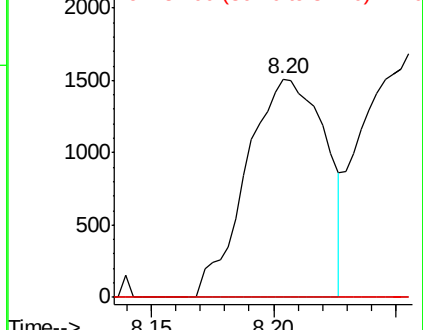
87 0.0 11.1 16.7#



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: 51.992 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056719.D

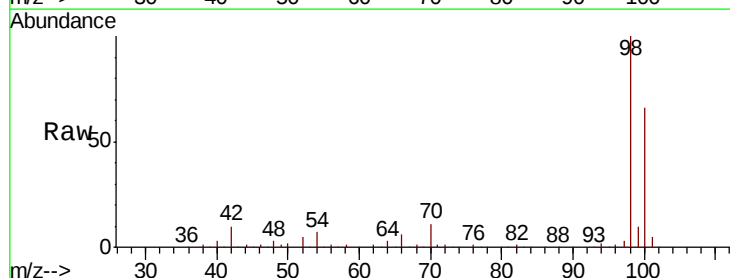
Acq: 15 Jul 2019 17:59

Tgt Ion: 98 Resp: 602360

Ion Ratio Lower Upper

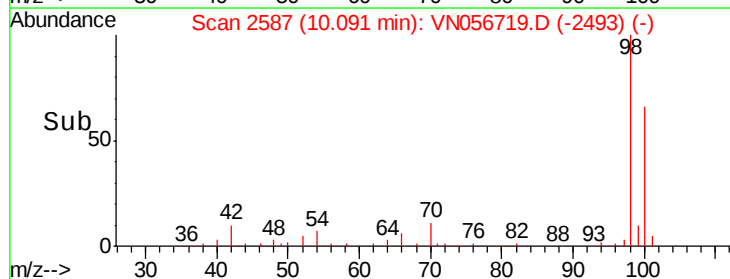
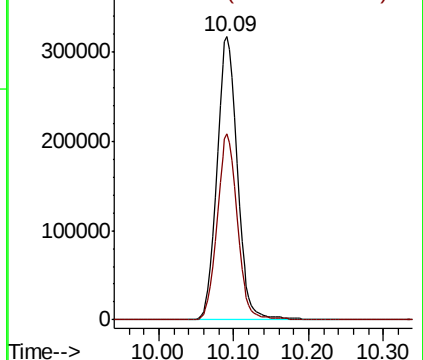
98 100

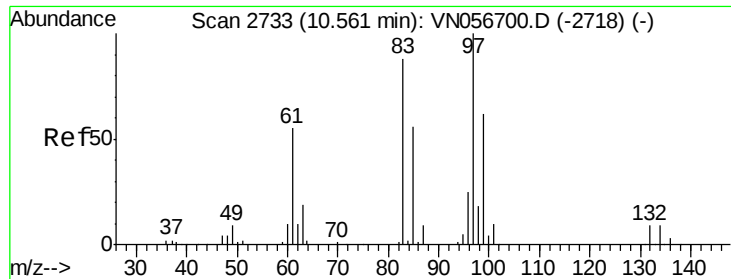
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#55

1,1,2-Trichloroethane

Concen: 0.491 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. -0.13 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

Tot Ion: 97 Resp: 1670

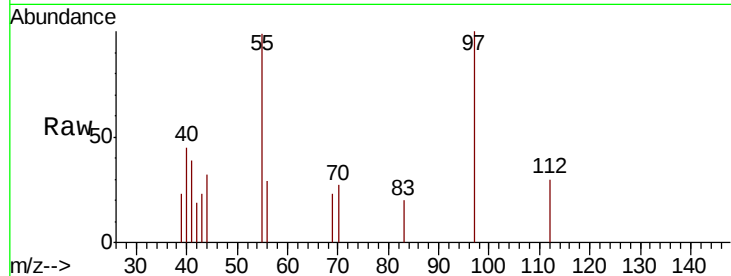
Ion Ratio Lower Upper

97 100

83 19.6 70.3 105.5#

85 0.0 44.8 67.2#

99 0.0 49.6 74.4#



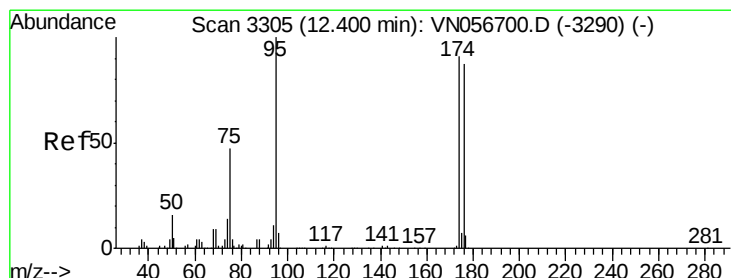
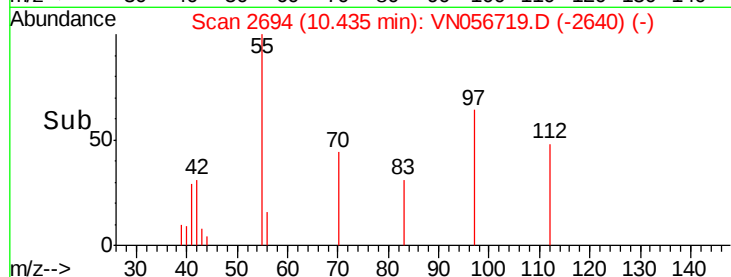
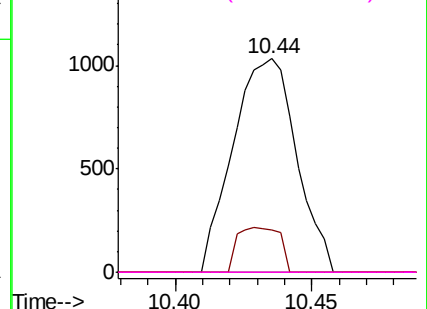
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#62

4-Bromofluorobenzene

Concen: 56.786 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

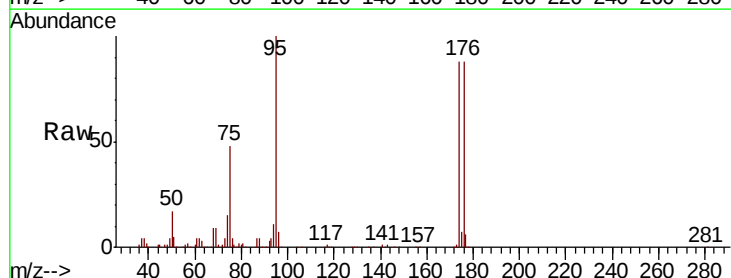
Tgt Ion: 95 Resp: 221864

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 87.4 0.0 173.2

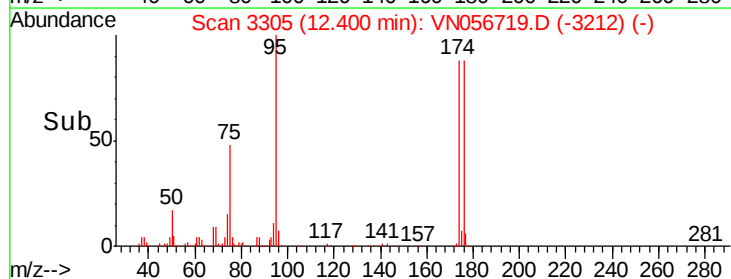
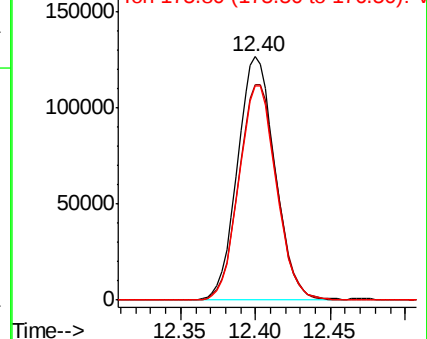


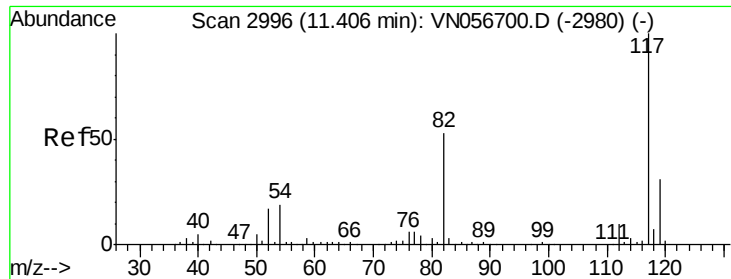
Abundance

Ion 94.90 (94.60 to 95.60): VNO

Ion 173.80 (173.50 to 174.50): VNO

Ion 175.80 (175.50 to 176.50): VNO

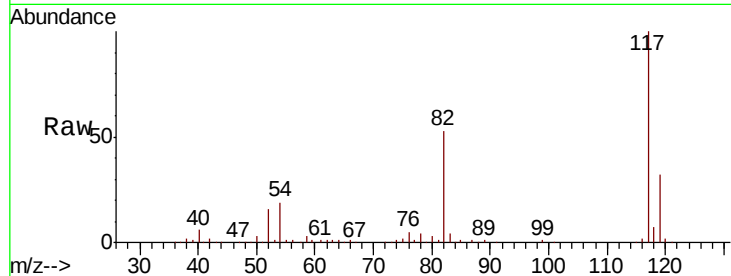




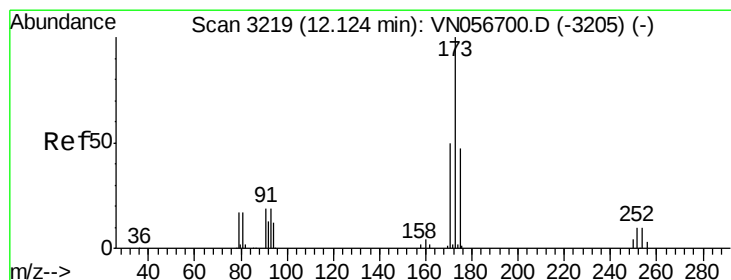
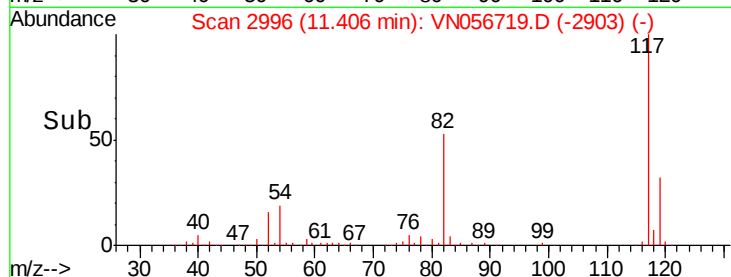
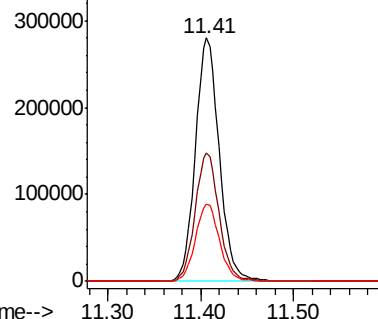
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056719.D
Acq: 15 Jul 2019 17:59

Instrument :
MSVOA_N
ClientSampleId :
SA-TW532-3439

Tot Ion:117 Resp: 498545
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 31.7 25.2 37.8

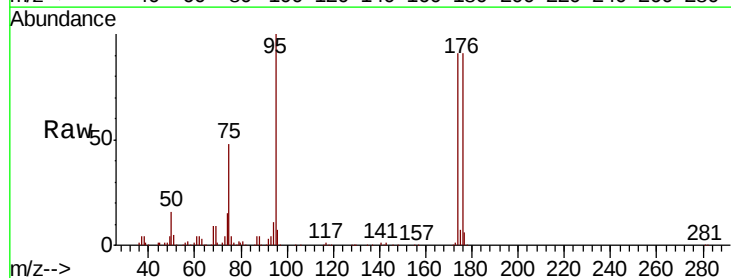


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

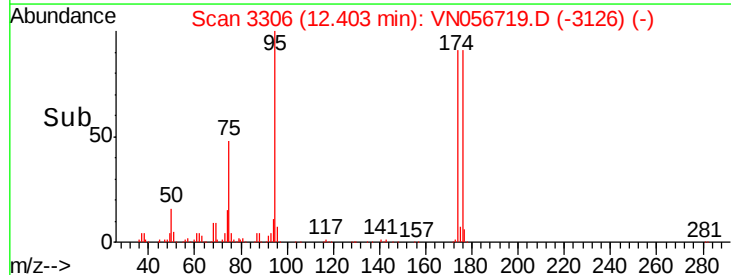
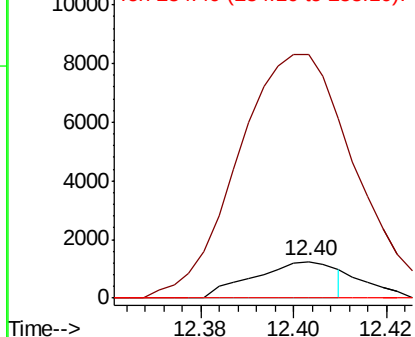


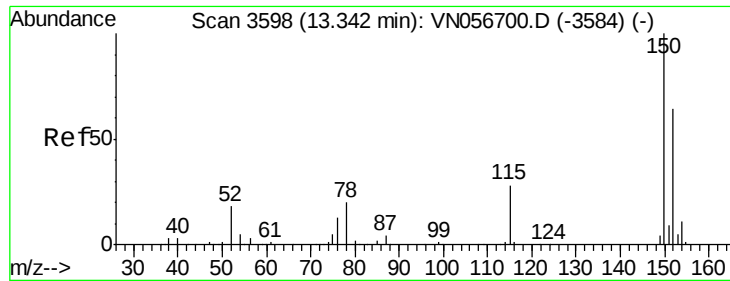
#71
Bromoform
Concen: 0.537 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056719.D
Acq: 15 Jul 2019 17:59

Tgt Ion:173 Resp: 1534
Ion Ratio Lower Upper
173 100
175 775.7 23.8 71.4#
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: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

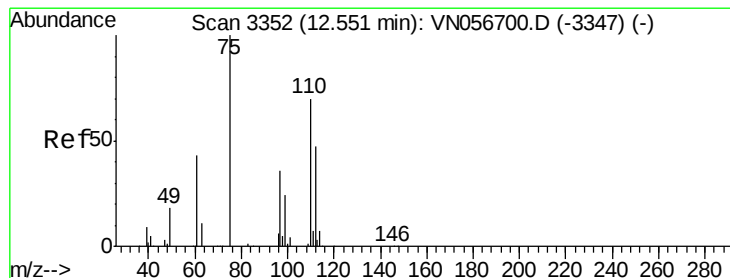
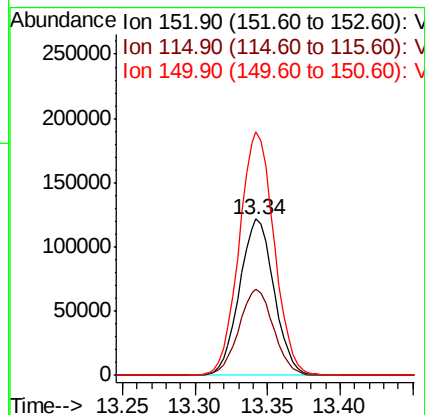
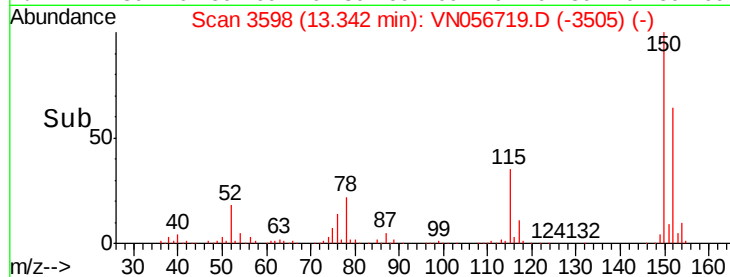
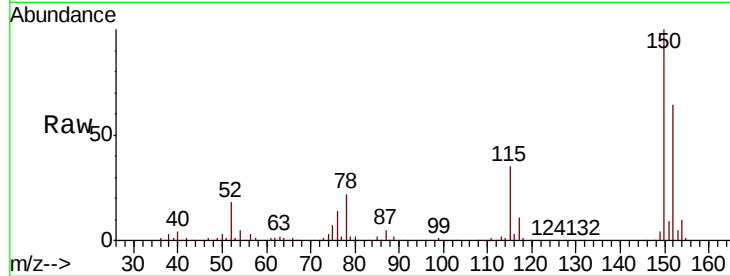
Tot Ion:152 Resp: 201430

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 157.3 0.0 345.8



#76

1,2,3-Trichloropropane

Concen: 23.726 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056719.D

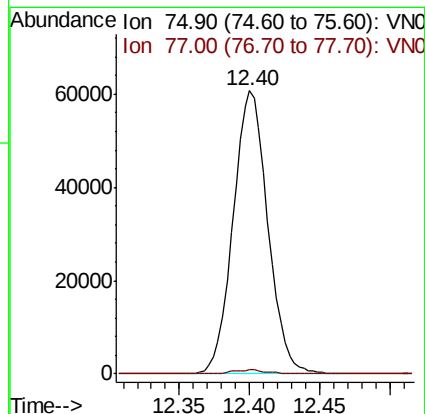
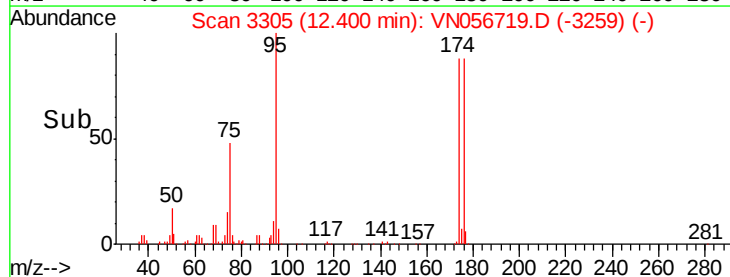
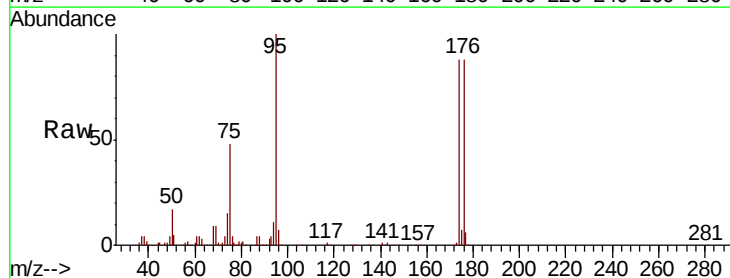
Acq: 15 Jul 2019 17:59

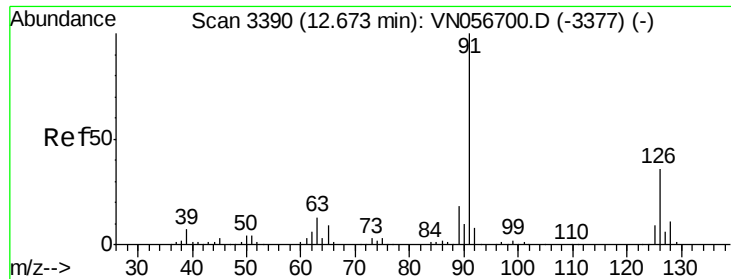
Tgt Ion: 75 Resp: 104528

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

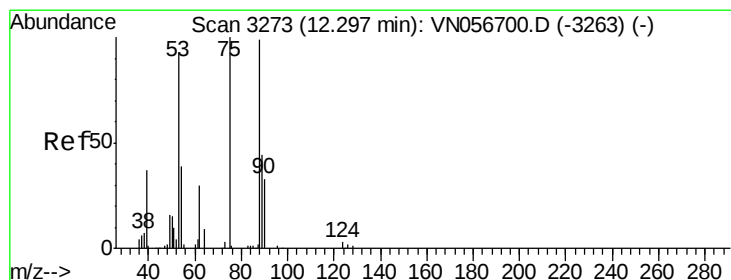
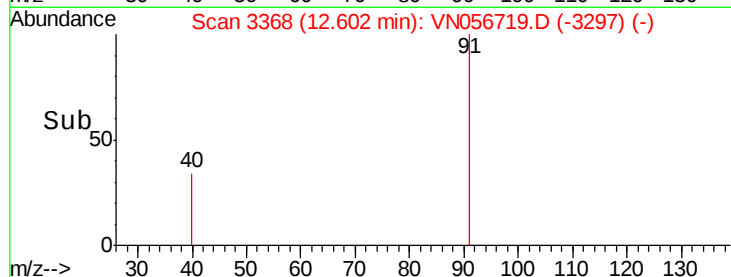
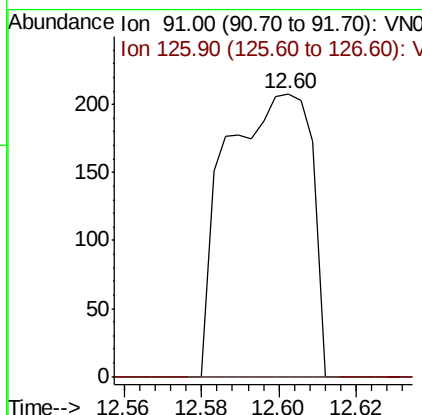
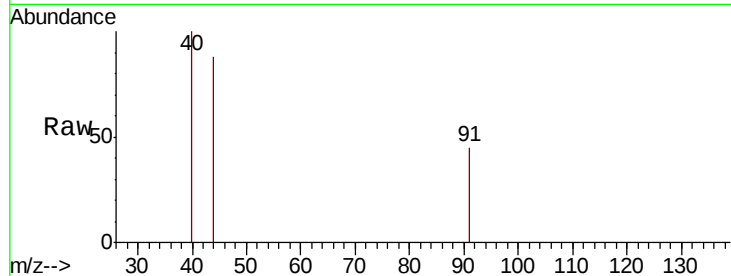




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.60 min Scan# 3368
 Delta R.T. -0.07 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

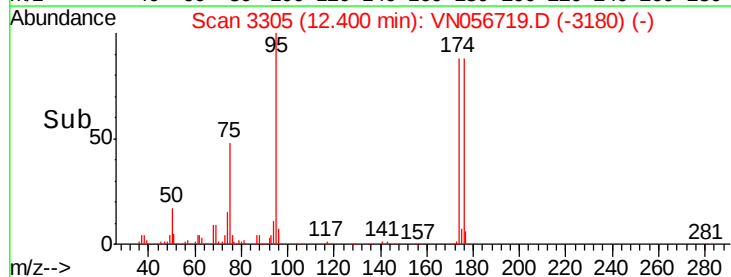
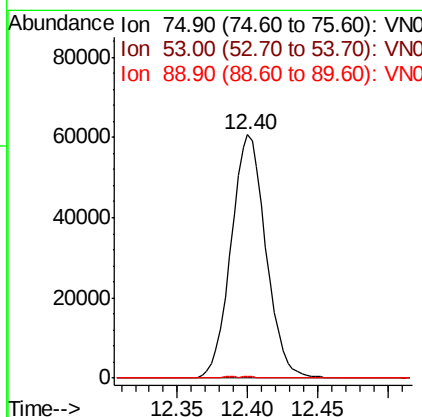
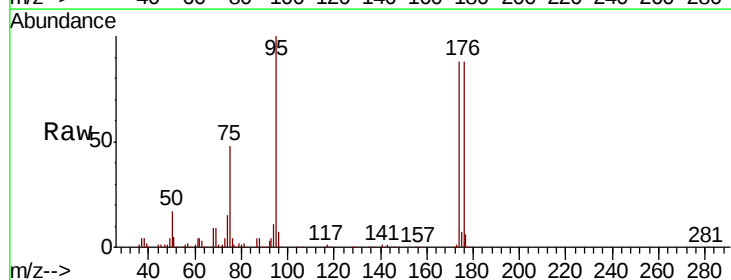
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

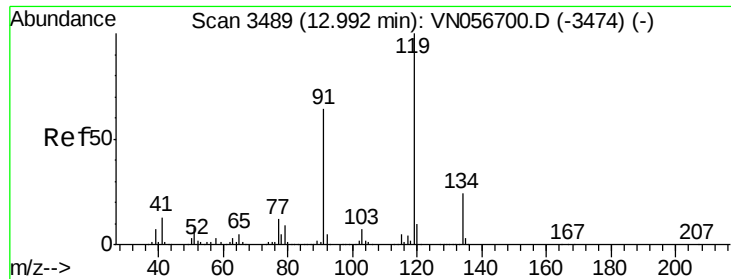
Tot Ion: 91 Resp: 320
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.275 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion: 75 Resp: 104528
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.7 110.5#
 89 0.2 36.2 54.2#

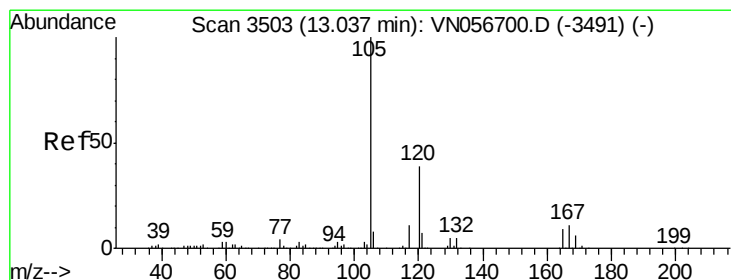
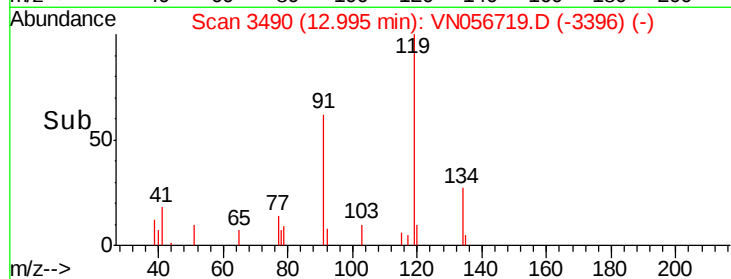
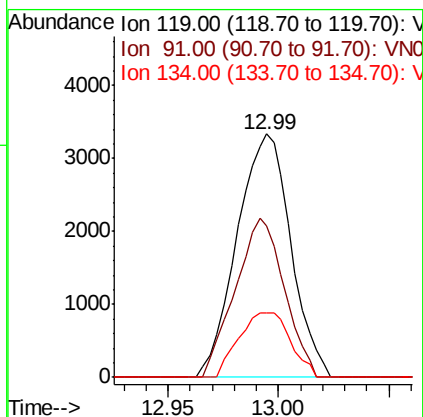
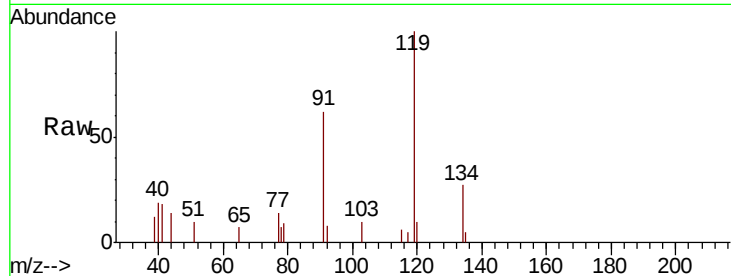




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

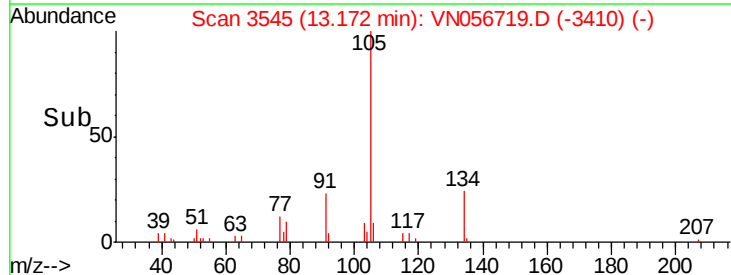
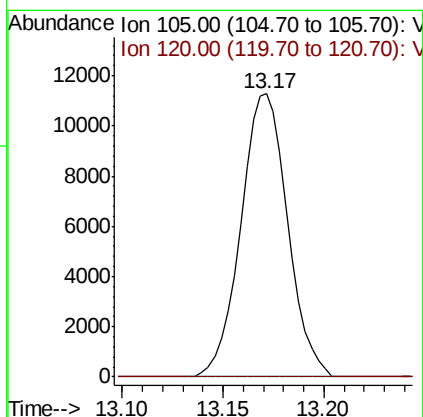
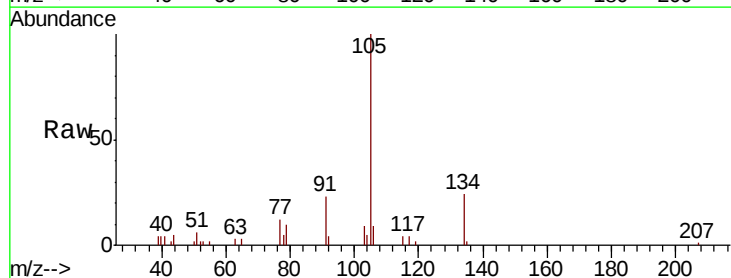
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

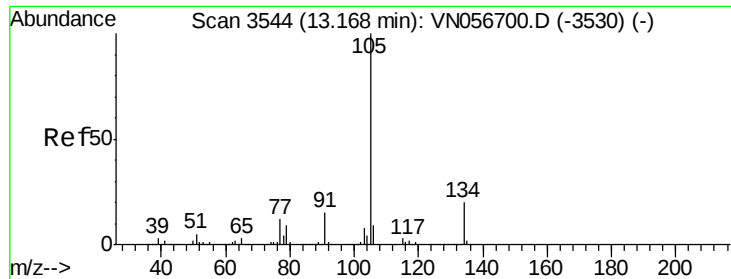
Tot Ion:119 Resp: 5647
 Ion Ratio Lower Upper
 119 100
 91 59.7 31.8 95.4
 134 25.5 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 1.358 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.13 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion:105 Resp: 18263
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#





#85

sec-Butylbenzene

Concen: 1.194 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

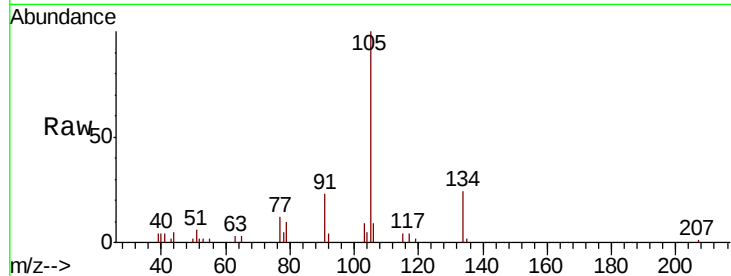
SA-TW532-3439

Tot Ion:105 Resp: 18263

Ion Ratio Lower Upper

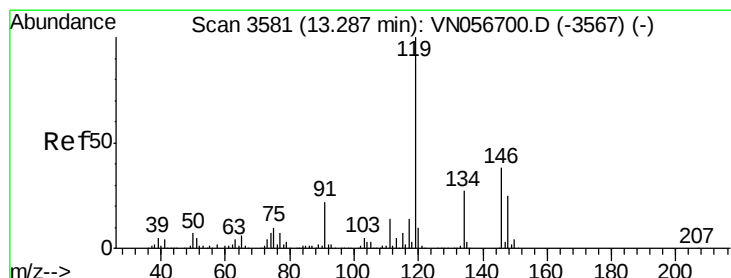
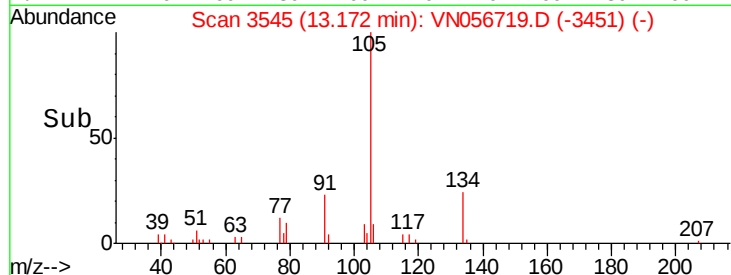
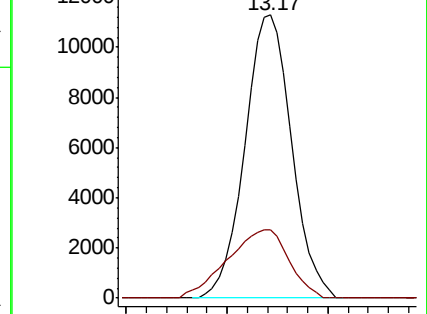
105 100

134 31.6 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.293 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

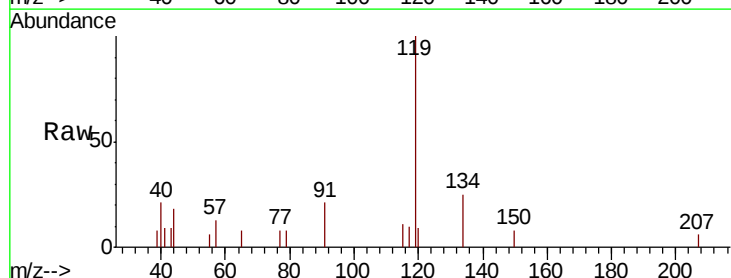
Tgt Ion:119 Resp: 4056

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

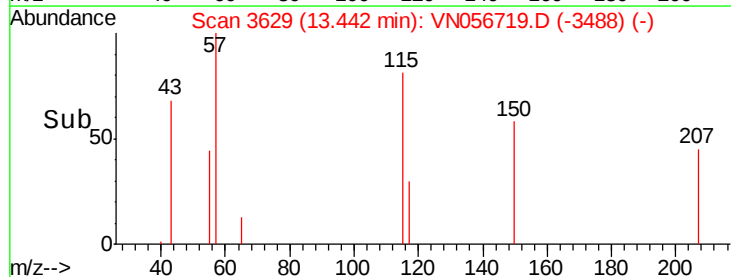
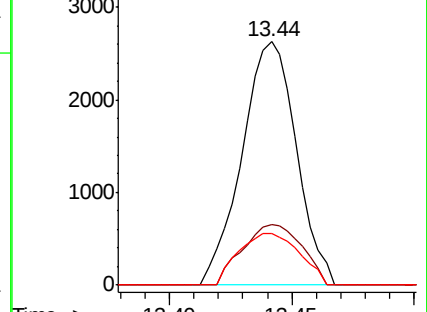
91 23.9 11.2 33.5

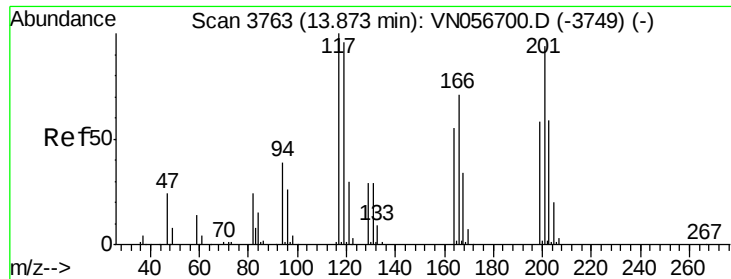


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: 0.853 ug/l

RT: 13.99 min Scan# 3801

Delta R.T. 0.12 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

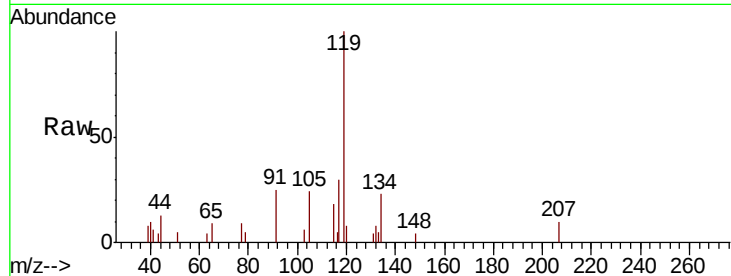
SA-TW532-3439

Tot Ion:117 Resp: 1911

Ion Ratio Lower Upper

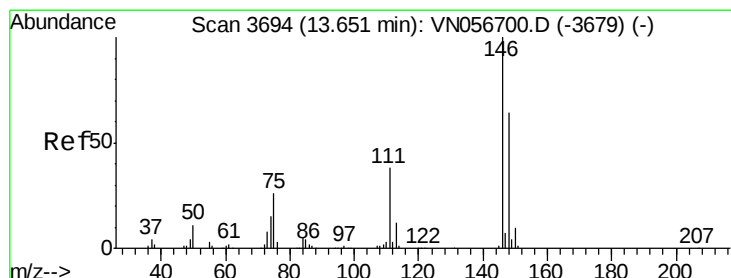
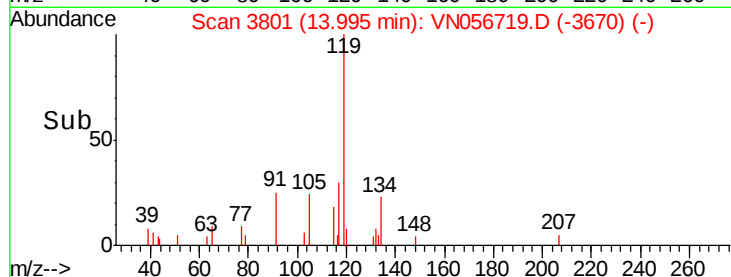
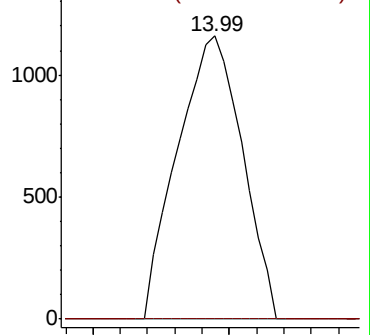
117 100

201 0.0 46.5 139.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.832 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

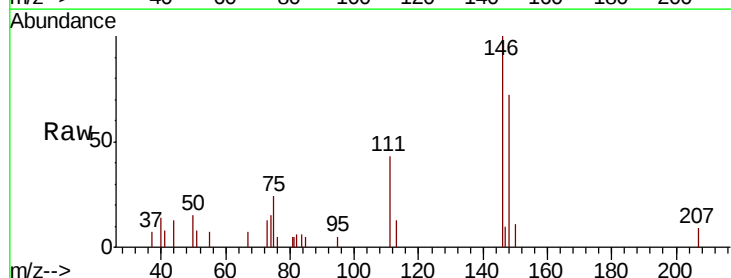
Tgt Ion:146 Resp: 5921

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

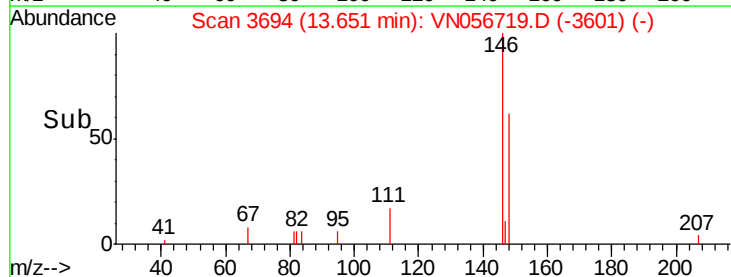
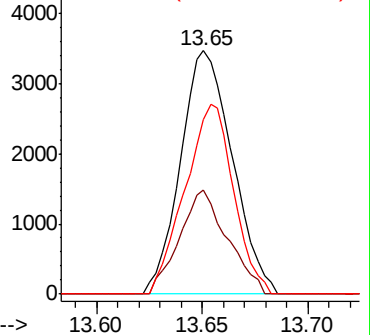
148 73.1 31.7 95.1

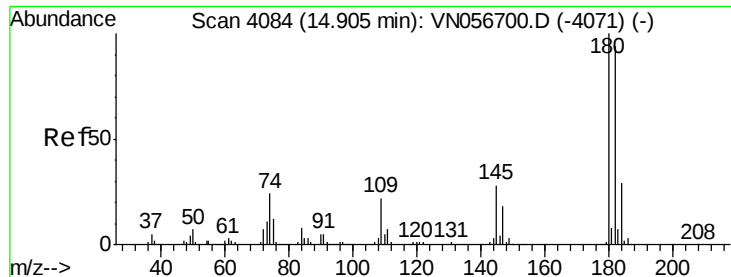


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 3.750 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

SA-TW532-3439

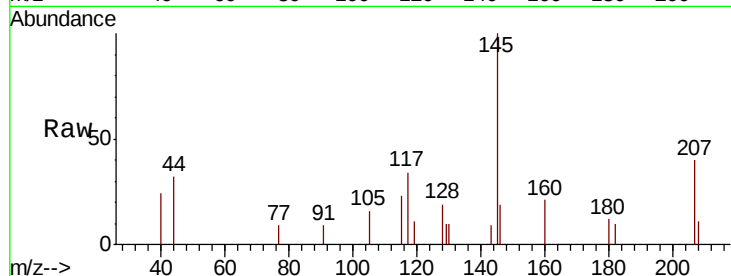
Tot Ion:180 Resp: 251

Ion Ratio Lower Upper

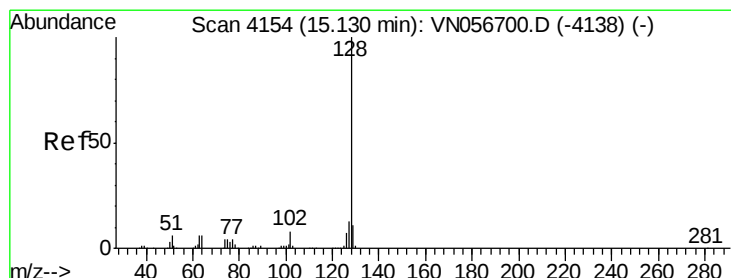
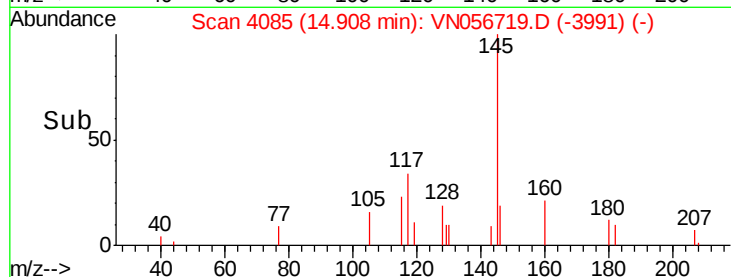
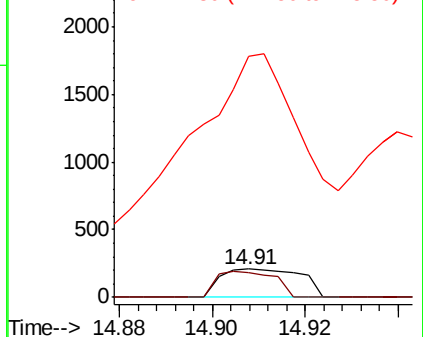
180 100

182 66.9 47.2 141.6

145 1503.2 14.2 42.8#



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: 4.583 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

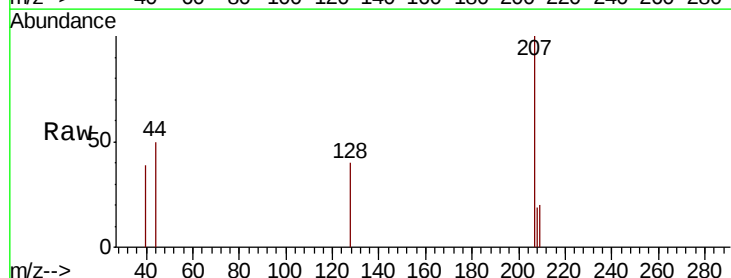
Tgt Ion:128 Resp: 683

Ion Ratio Lower Upper

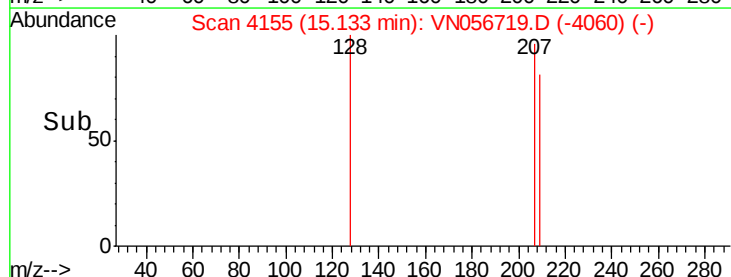
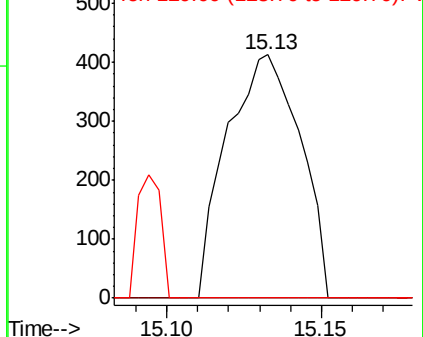
128 100

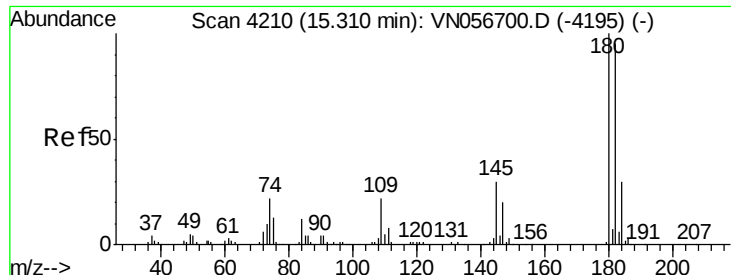
127 0.0 10.3 15.5#

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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.388 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Tot Ion:180 Resp: 272
 Ion Ratio Lower Upper
 180 100
 182 48.5 47.1 141.3
 145 571.3 15.0 45.1#

