

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
 Data File : VN058117.D
 Acq On : 16 Sep 2019 14:38
 Operator : JC/SP
 Sample : K4719-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2(1.5)-HELLGATE

Quant Time: Sep 17 03:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	305472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	507843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248550	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	359943	58.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.36%	
35) Dibromofluoromethane	7.58	113	249432	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.09	98	968193	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.41	95	326152	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

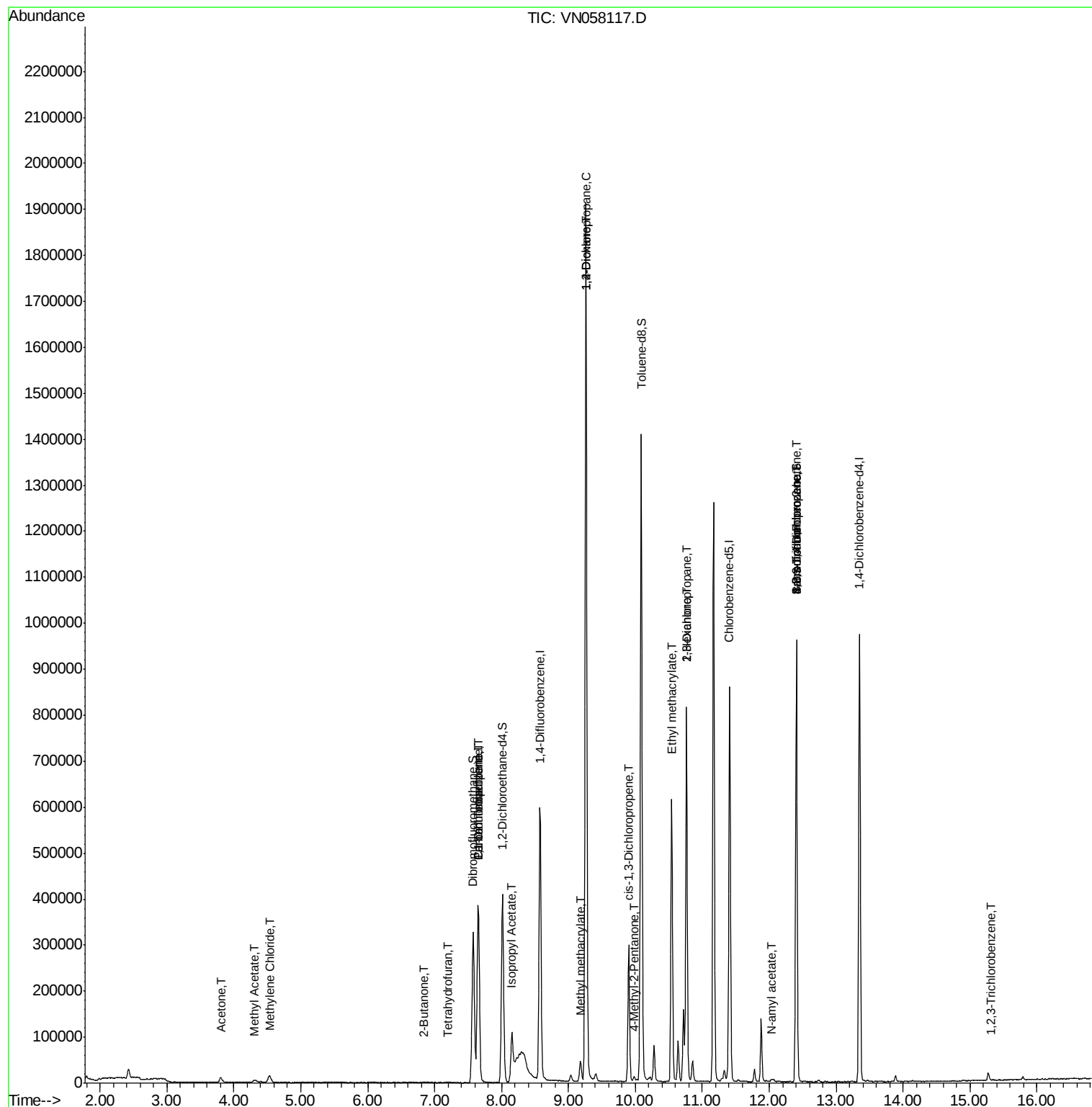
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	237	Below Cal	#	2
16) Acetone	3.80	43	17419	8.588	ug/l	97
18) Methyl Acetate	4.30	43	3628	0.671	ug/l #	76
20) Methylene Chloride	4.53	84	11683	1.840	ug/l	95
25) 2-Butanone	6.84	43	2191	0.746	ug/l	93
29) Tetrahydrofuran	7.20	42	1217	0.673	ug/l #	44
31) Cyclohexane	7.65	56	7817	Below Cal	#	42
36) 1,1-Dichloropropene	7.65	75	25941	4.405	ug/l #	52
38) Carbon Tetrachloride	7.65	117	31392	5.838	ug/l #	15
43) Isopropyl Acetate	8.16	43	141515	13.829	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	2437	0.472	ug/l #	44
48) Methyl methacrylate	9.18	41	6666	1.284	ug/l #	13
49) 1,4-Dioxane	9.27	88	30	0.342	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8525	1.408	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	49941	6.899	ug/l #	68
56) Ethyl methacrylate	10.54	69	2277	0.320	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8122	0.996	ug/l #	43
59) 2-Hexanone	10.76	43	123475	27.203	ug/l #	53
71) Bromoform	12.41	173	1194	0.448	ug/l #	1
74) N-amyl acetate	12.03	43	4943	0.589	ug/l #	49
76) 1,2,3-Trichloropropane	12.41	75	177771	31.617	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	177771	111.261	ug/l #	6
95) Naphthalene	15.14	128	1009	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.31	180	32	1.004	ug/l #	12

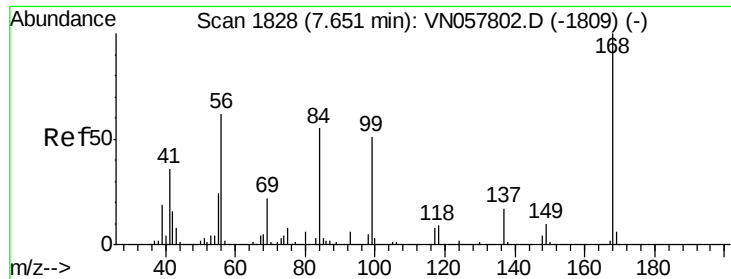
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

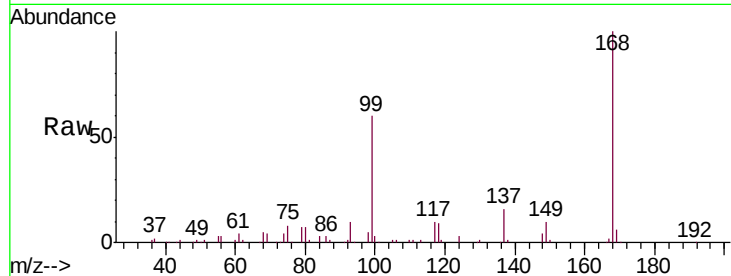
T4-2-(1.5)-HELLGATE

Tgt Ion:168 Resp: 305472

Ion Ratio Lower Upper

168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN058117.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058117.D (-1735) (-)

7.65

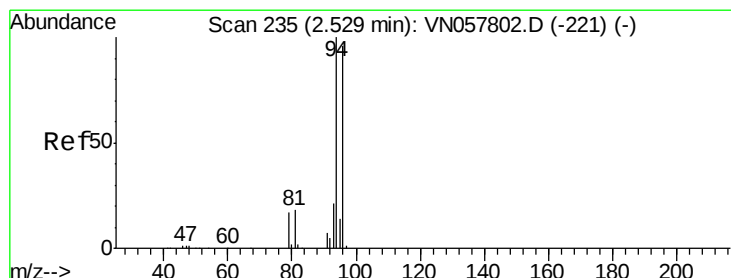
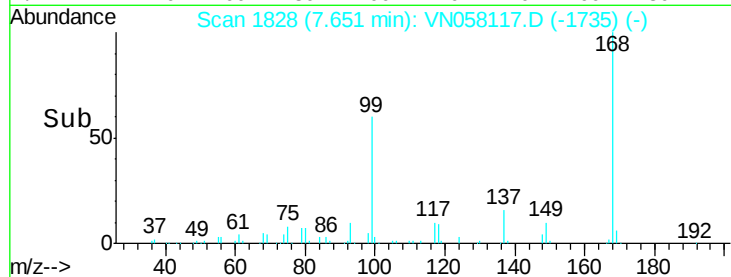
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 242

Delta R.T. 0.02 min

Lab File: VN058117.D

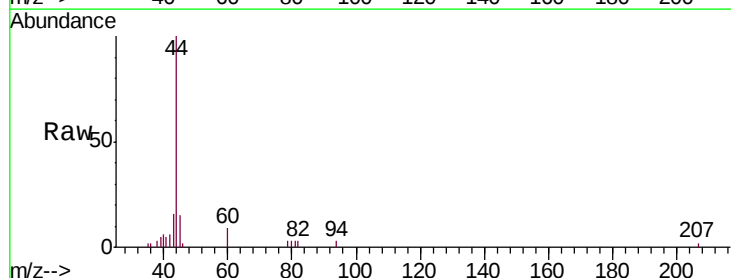
Acq: 16 Sep 2019 14:38

Tgt Ion: 94 Resp: 237

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN058117.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN058117.D (-141) (-)

2.55

250

200

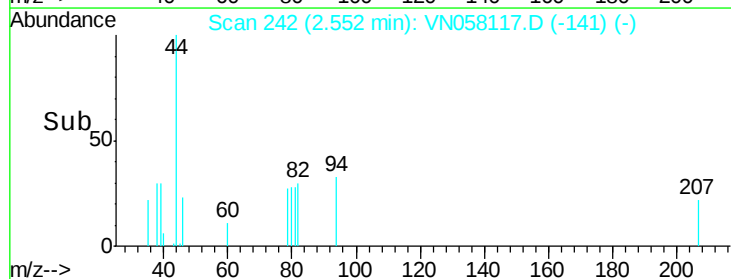
150

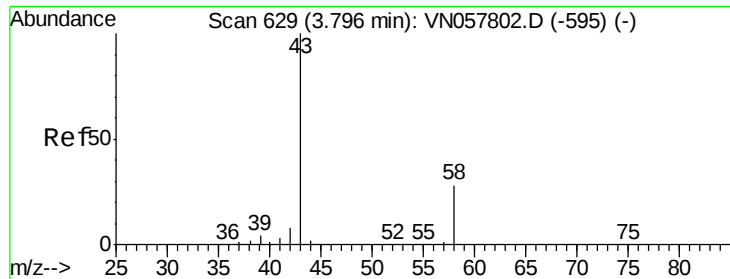
100

50

0

Time-->





#16

Acetone

Concen: 8.588 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

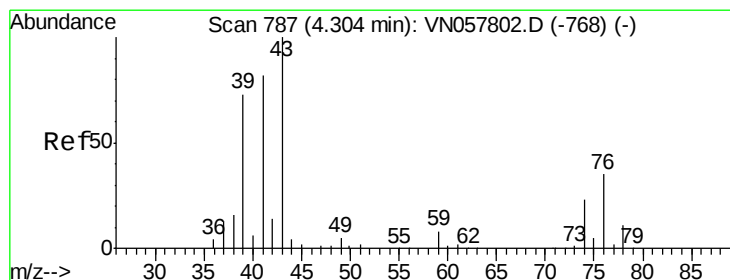
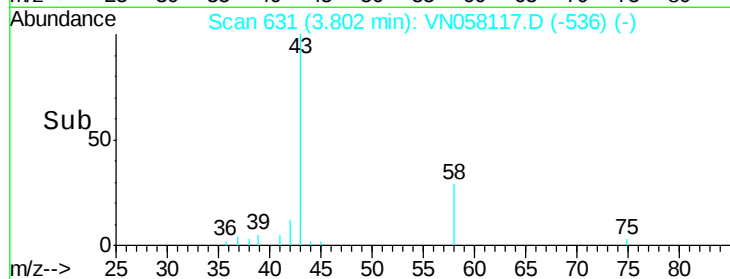
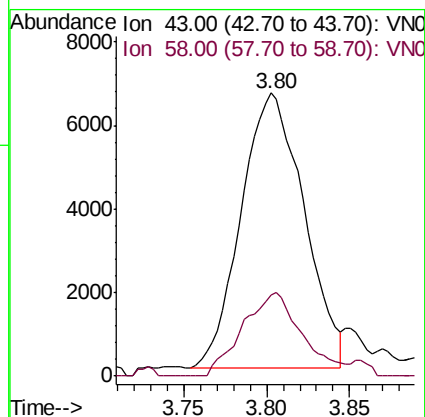
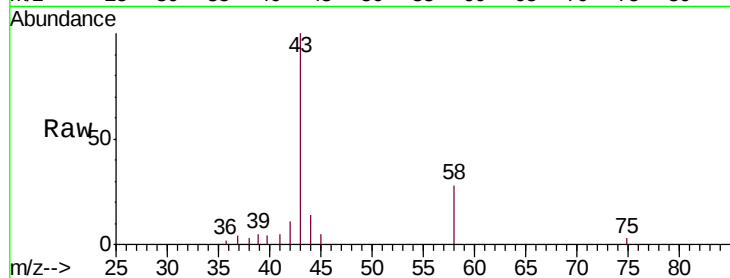
T4-2-(1.5)-HELLGATE

Tgt Ion: 43 Resp: 17419

Ion Ratio Lower Upper

43 100

58 29.3 22.2 33.2



#18

Methyl Acetate

Concen: 0.671 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058117.D

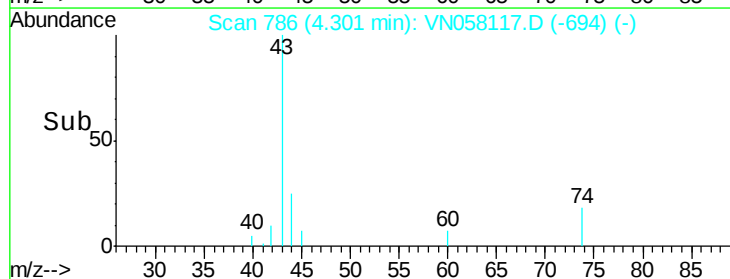
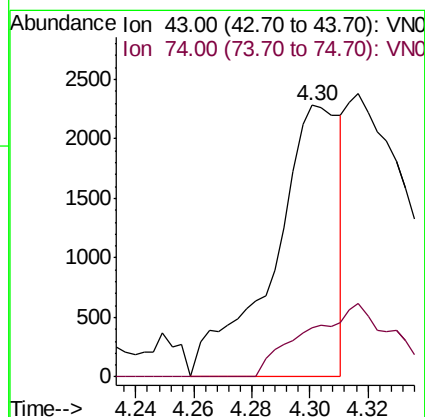
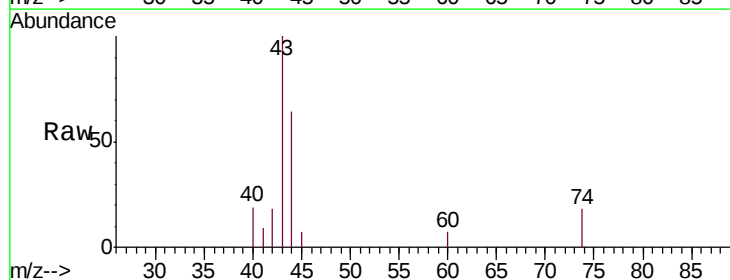
Acq: 16 Sep 2019 14:38

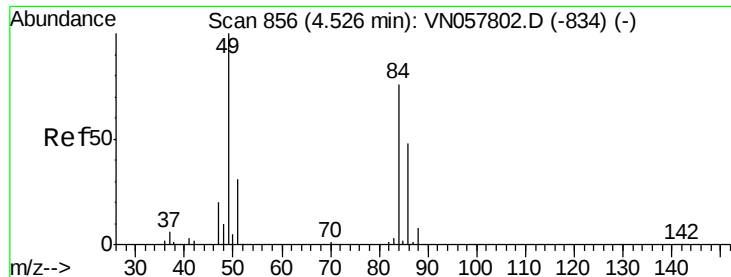
Tgt Ion: 43 Resp: 3628

Ion Ratio Lower Upper

43 100

74 34.1 17.9 26.9#





#20

Methylene Chloride

Concen: 1.840 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-HELLGATE

Tgt Ion: 84 Resp: 11683

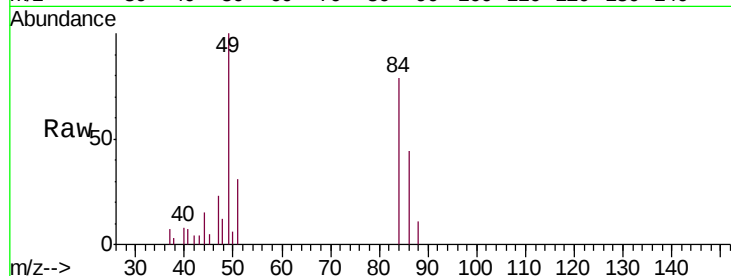
Ion Ratio Lower Upper

84 100

49 126.5 104.8 157.2

51 38.6 33.0 49.4

86 56.2 50.5 75.7

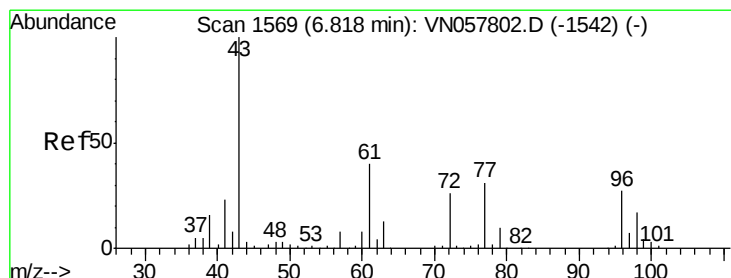
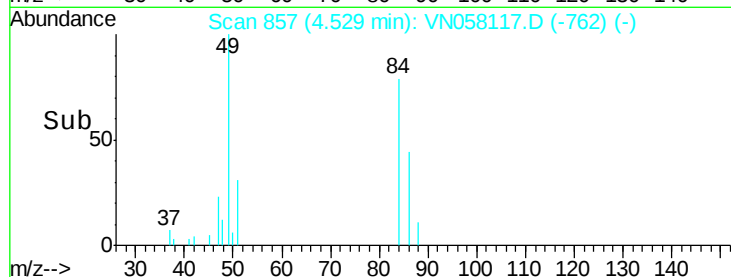
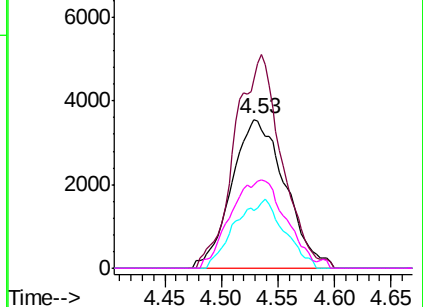


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.746 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.03 min

Lab File: VN058117.D

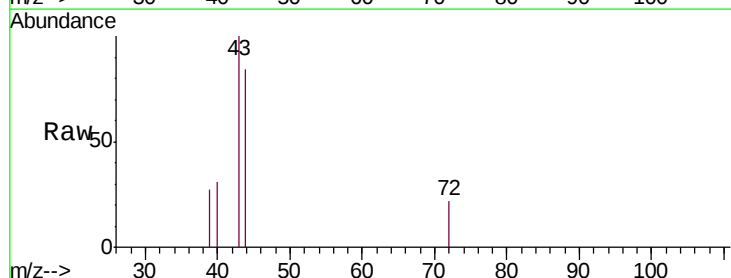
Acq: 16 Sep 2019 14:38

Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

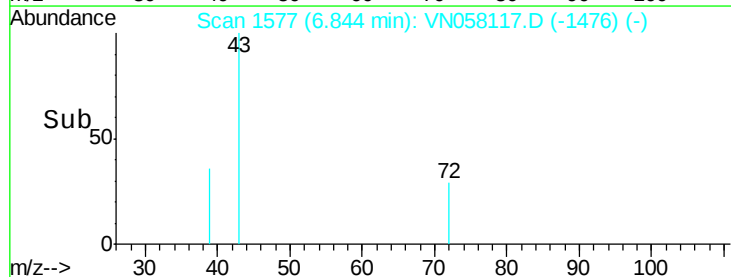
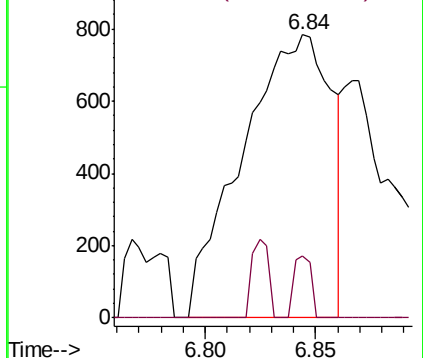
43 100

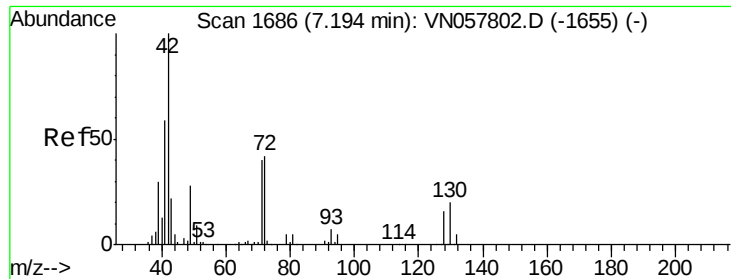
72 21.9 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

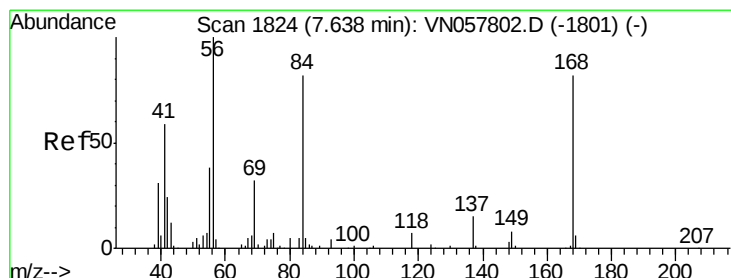
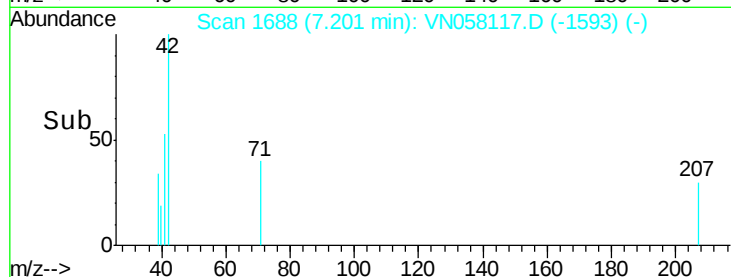
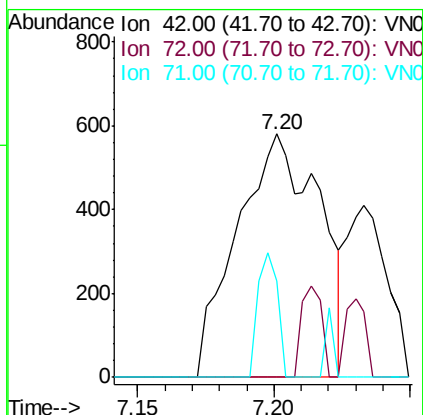
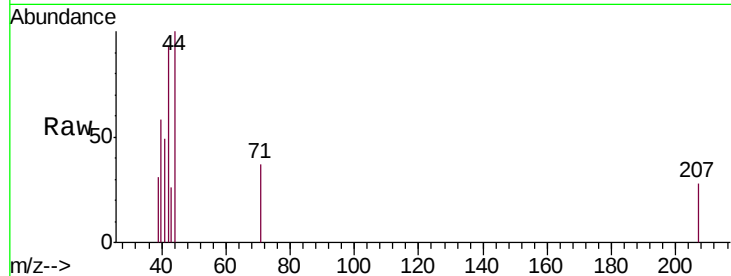




#29
Tetrahydrofuran
Concen: 0.673 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

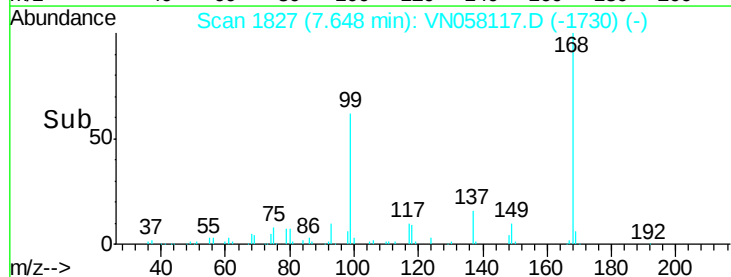
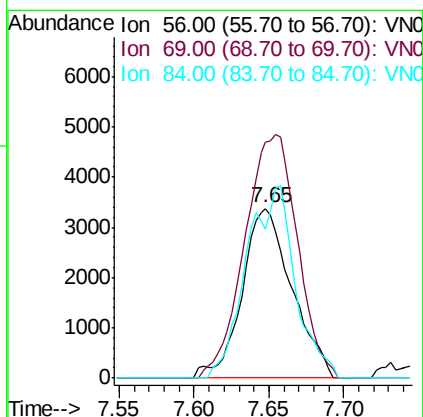
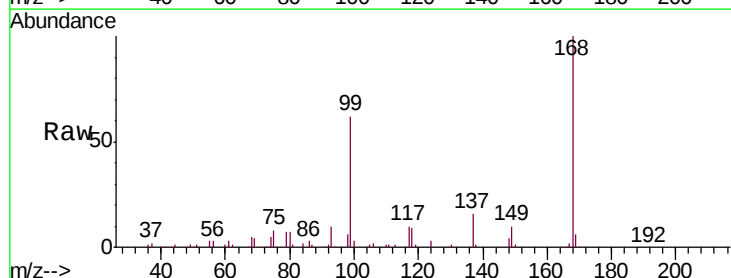
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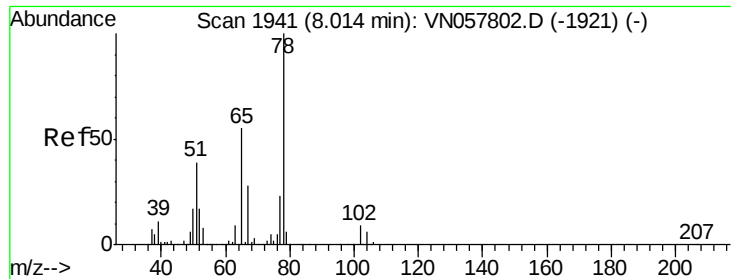
Tgt Ion: 42 Resp: 1217
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 12.0 31.9 47.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

Tgt Ion: 56 Resp: 7817
Ion Ratio Lower Upper
56 100
69 138.6 25.9 38.9#
84 87.7 65.6 98.4

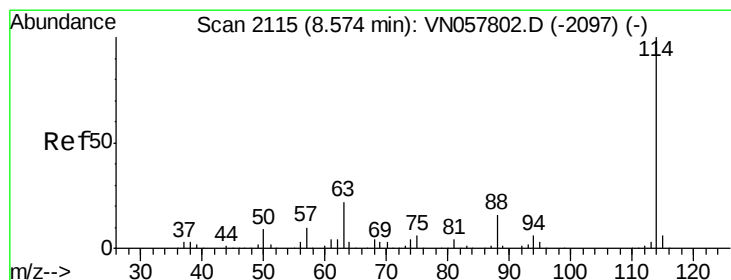
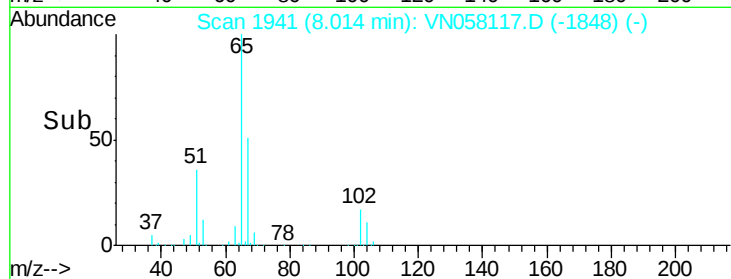
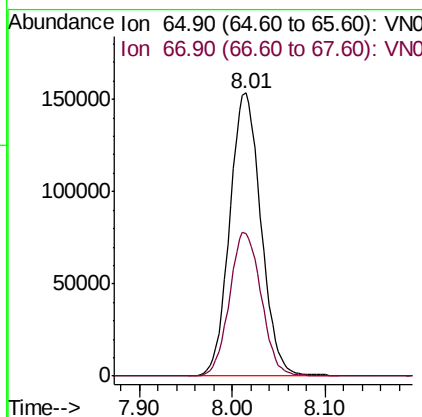
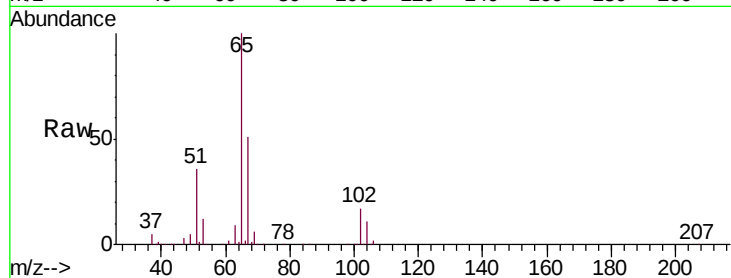




#33
 1,2-Dichloroethane-d4
 Concen: 58.176 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

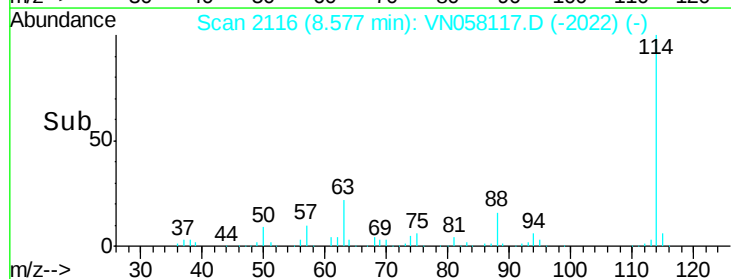
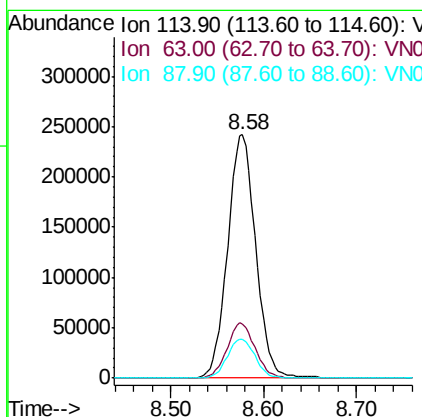
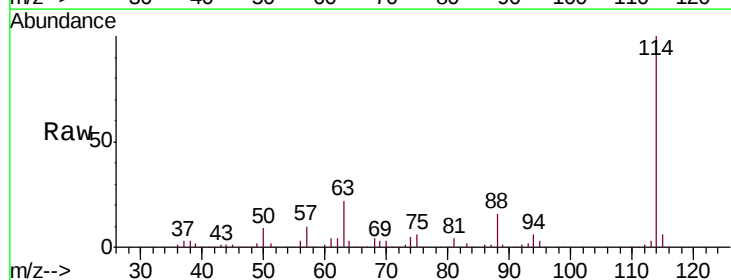
Instrument :
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 T4-2-(1.5)-HELLGATE

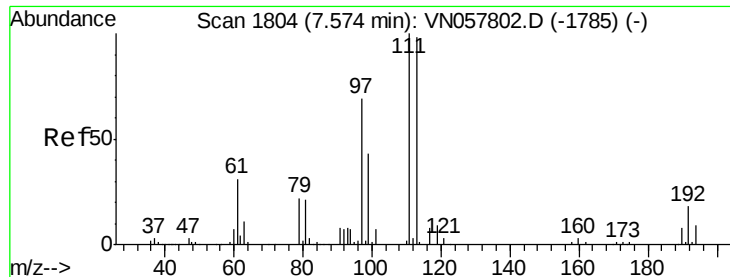
Tgt Ion: 65 Resp: 359943
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

Tgt Ion: 114 Resp: 507843
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.0
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.216 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-HELLGATE

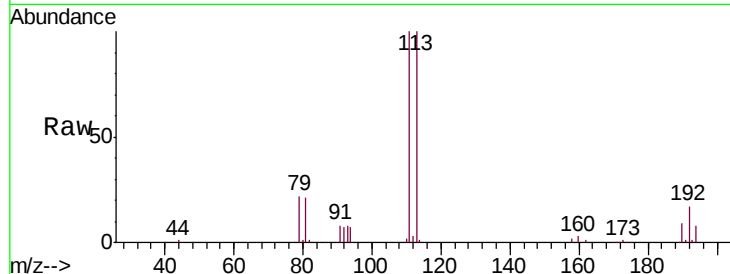
Tgt Ion:113 Resp: 249432

Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

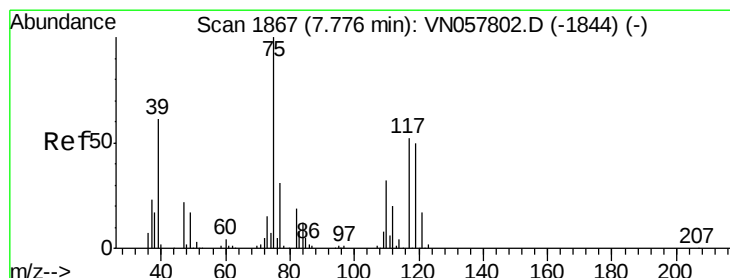
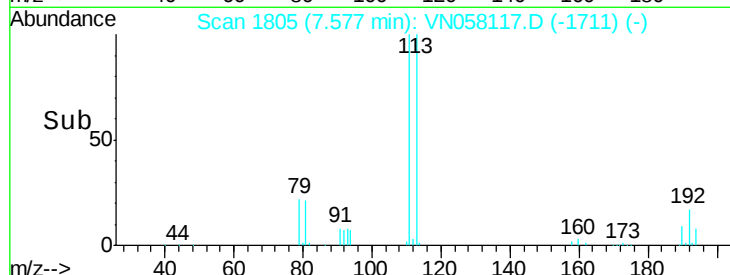
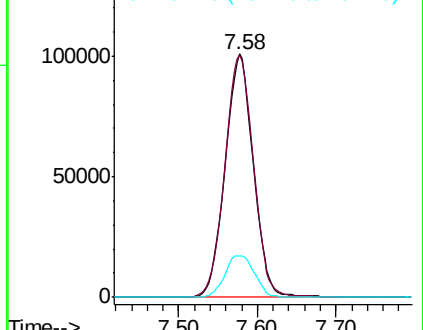
192 18.1 14.6 22.0



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: 4.405 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

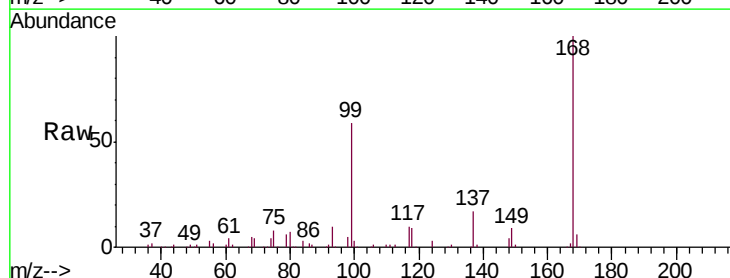
Tgt Ion: 75 Resp: 25941

Ion Ratio Lower Upper

75 100

110 9.9 16.3 48.9#

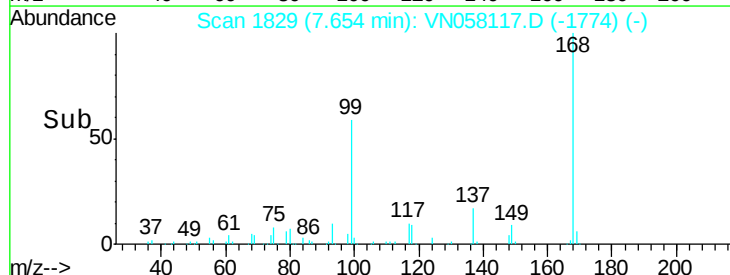
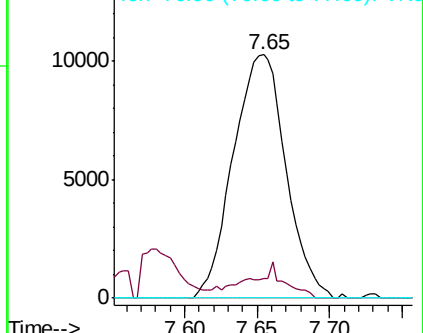
77 0.0 25.0 37.4#

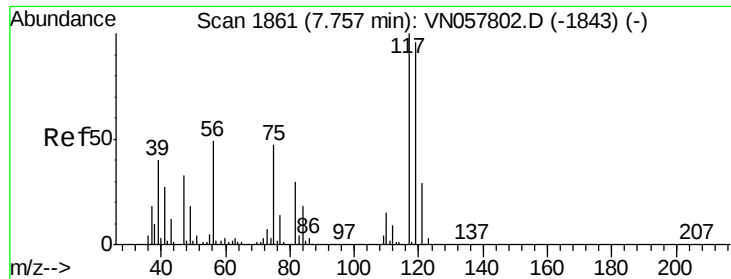


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.838 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

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MSVOA_N

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T4-2-(1.5)-HELLGATE

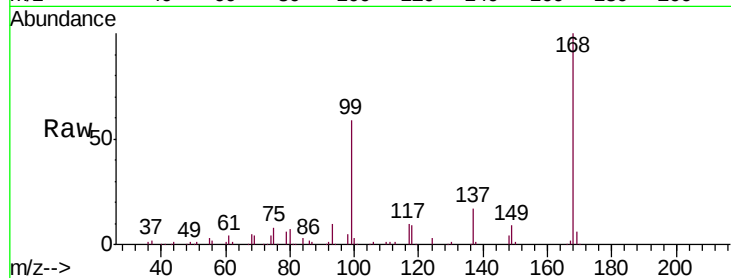
Tgt Ion:117 Resp: 31392

Ion Ratio Lower Upper

117 100

119 4.2 76.9 115.3#

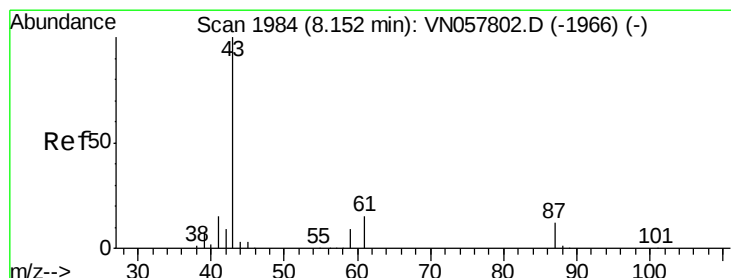
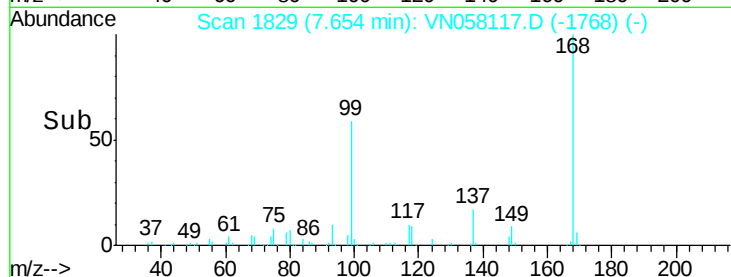
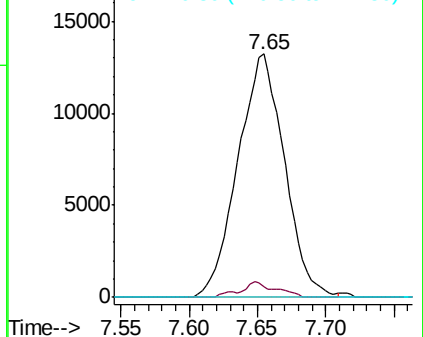
121 0.0 23.4 35.2#



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: 13.829 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

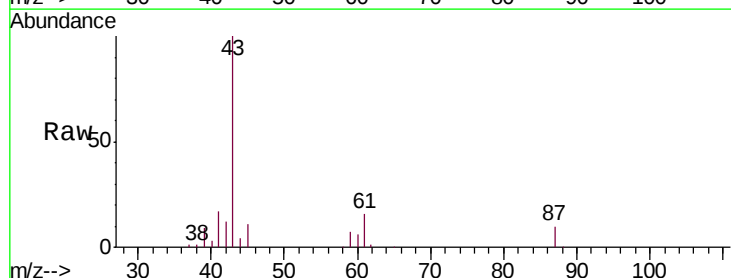
Tgt Ion: 43 Resp: 141515

Ion Ratio Lower Upper

43 100

61 14.6 20.1 30.1#

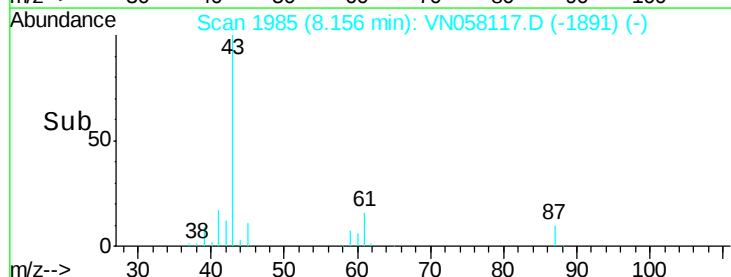
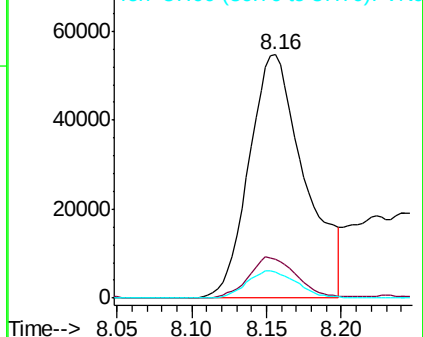
87 9.9 9.5 14.3

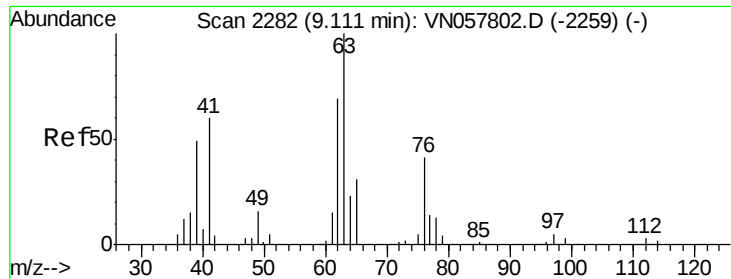


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

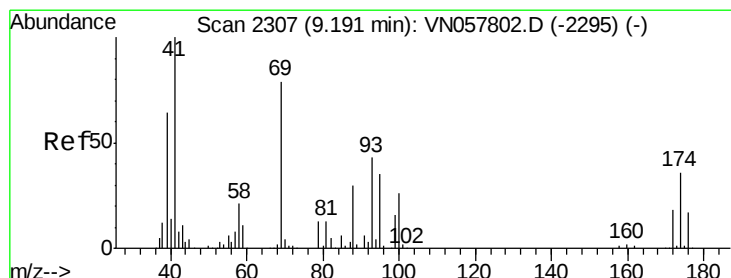
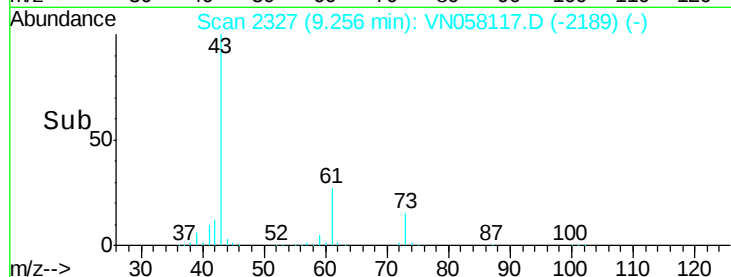
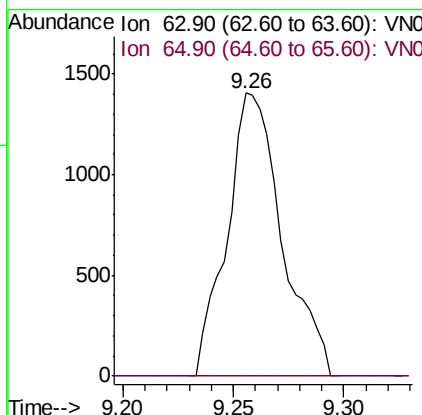
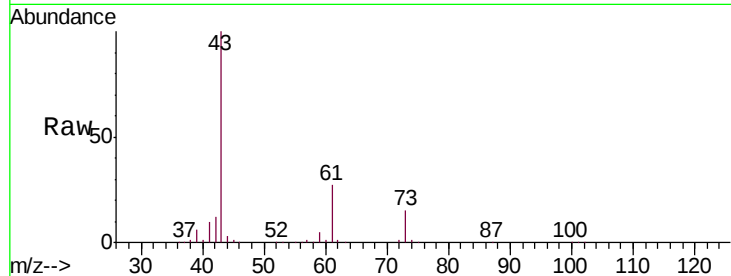




#45
 1,2-Dichloropropane
 Concen: 0.472 ug/l
 RT: 9.26 min Scan# 2327
 Delta R.T. 0.14 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

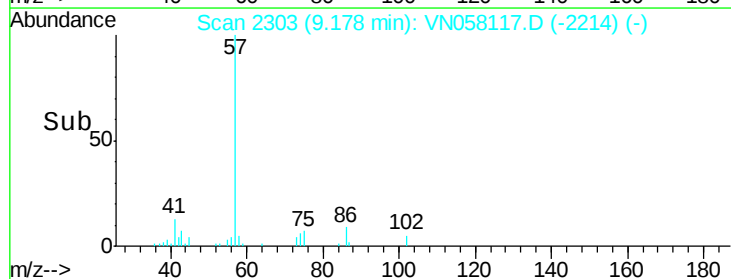
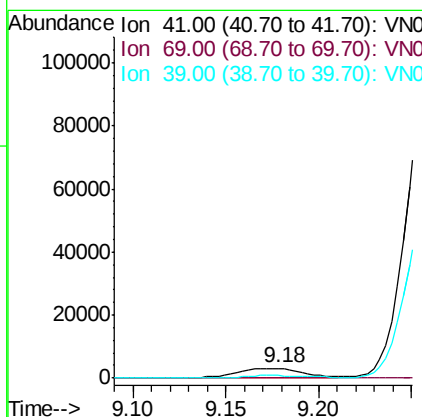
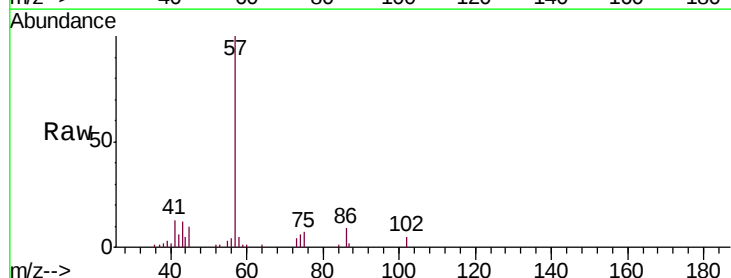
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2-(1.5)-HELLGATE

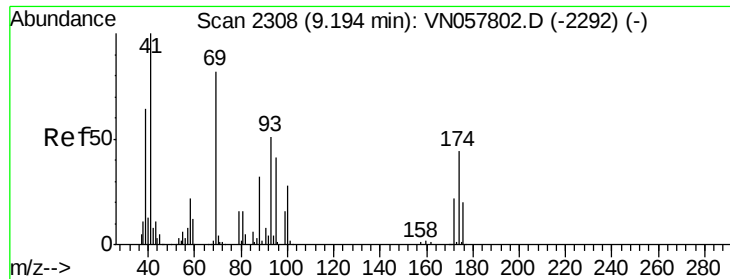
Tgt Ion: 63 Resp: 2437
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 1.284 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

Tgt Ion: 41 Resp: 6666
 Ion Ratio Lower Upper
 41 100
 69 0.0 62.7 94.1#
 39 0.0 52.7 79.1#

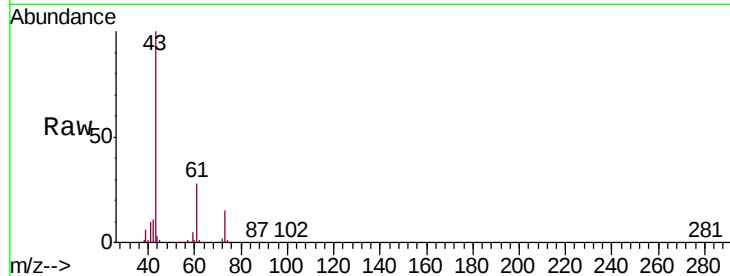




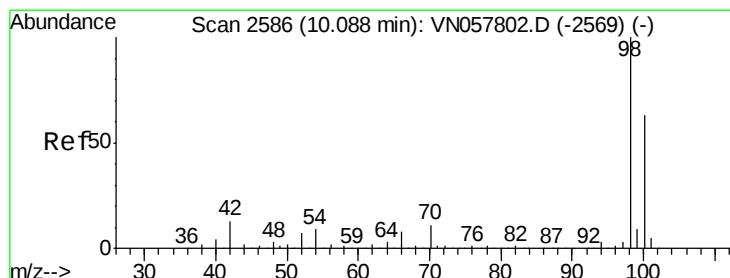
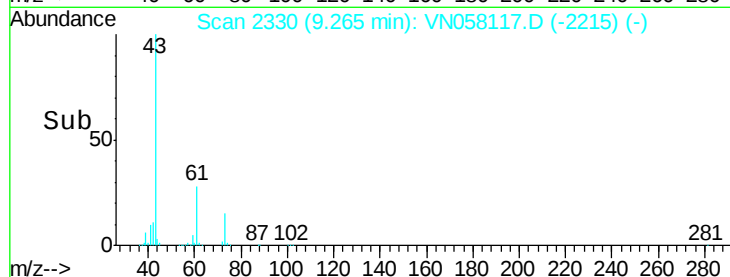
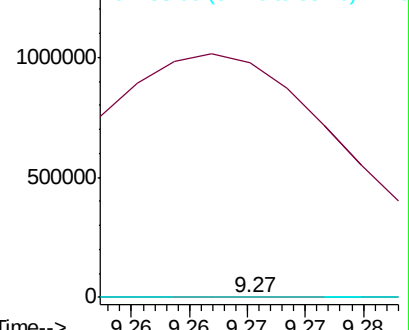
#49
 1,4-Dioxane
 Concen: 0.342 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.07 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2-(1.5)-HELLGATE

Tgt Ion: 88 Resp: 30
 Ion Ratio Lower Upper
 88 100
 43 6232933.3 28.5 42.7#
 58 28386.7 55.8 83.6#

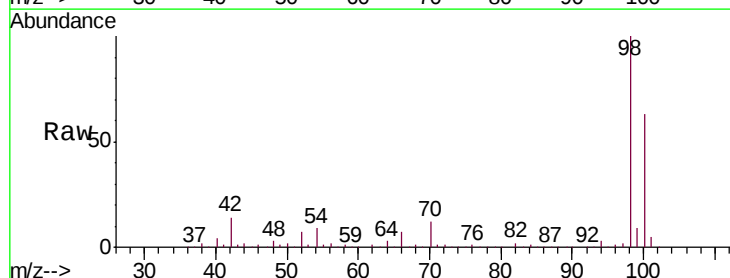


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

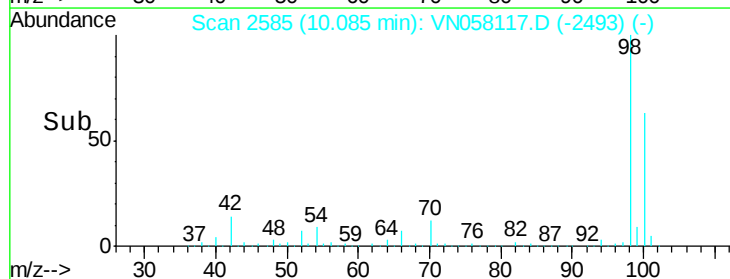
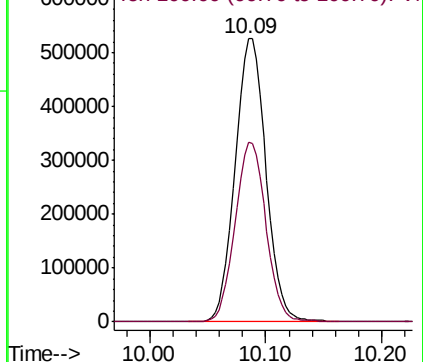


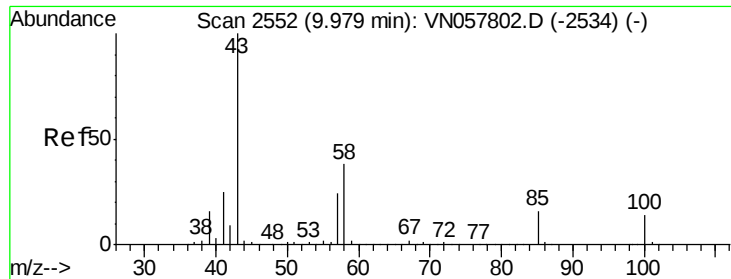
#50
 Toluene-d8
 Concen: 53.203 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

Tgt Ion: 98 Resp: 968193
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.3 75.5



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

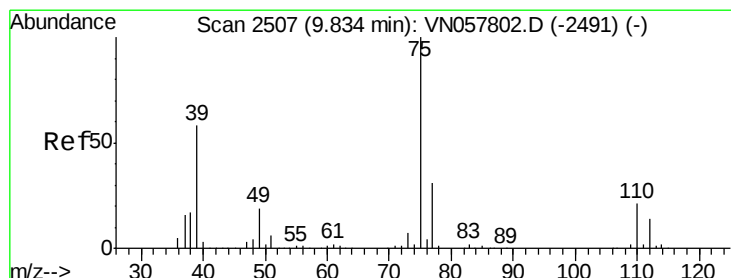
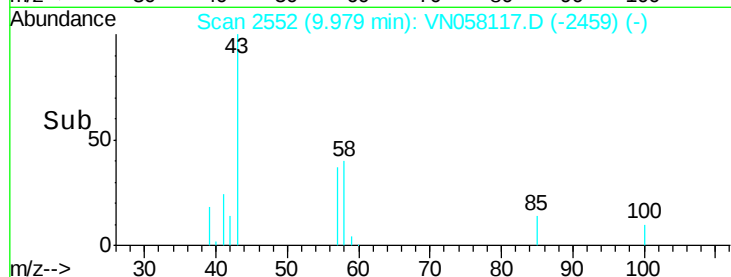
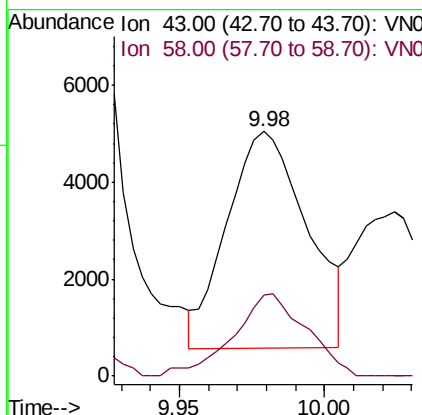
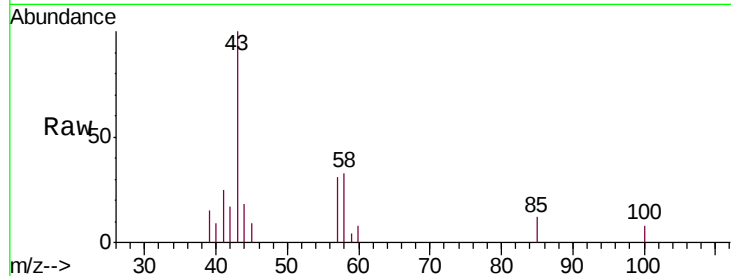




#51
 4-Methyl-2-Pentanone
 Concen: 1.408 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

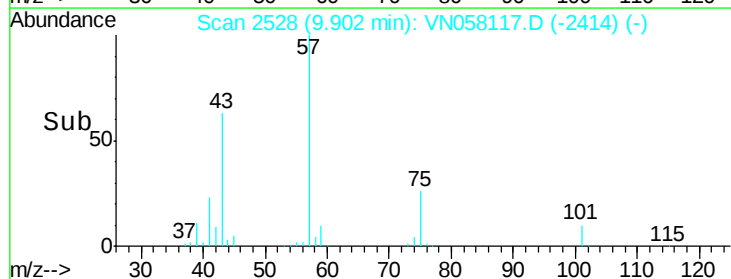
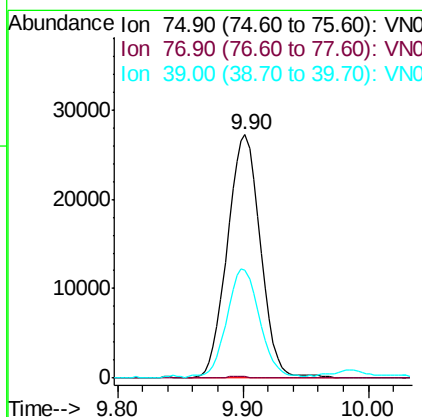
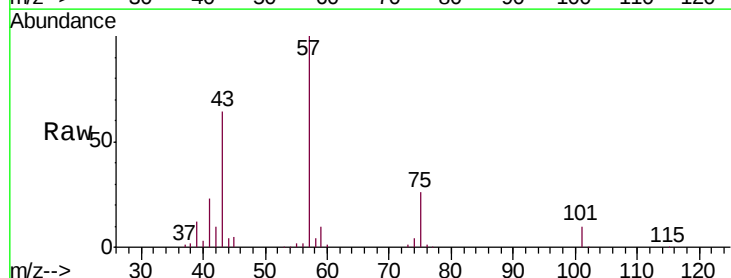
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-2-(1.5)-HELLGATE

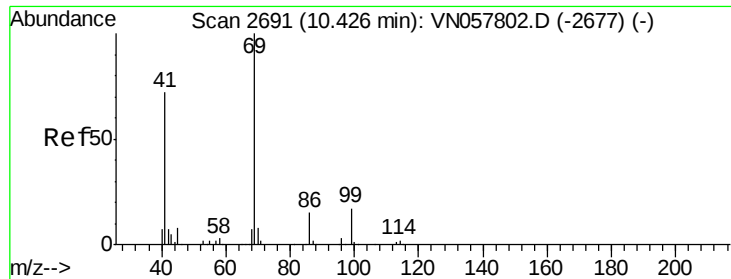
Tgt Ion: 43 Resp: 8525
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.8 44.6



#54
 cis-1,3-Dichloropropene
 Concen: 6.899 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058117.D
 Acq: 16 Sep 2019 14:38

Tgt Ion: 75 Resp: 49941
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.8 37.2#
 39 43.8 46.2 69.4#





#56

Ethyl methacrylate

Concen: 0.320 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-HELLGATE

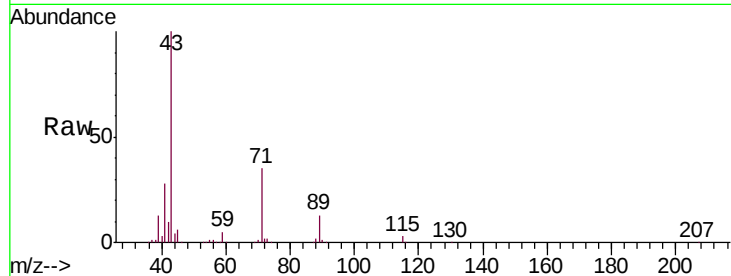
Tgt Ion: 69 Resp: 2277

Ion Ratio Lower Upper

69 100

41 5552.4 56.7 85.1#

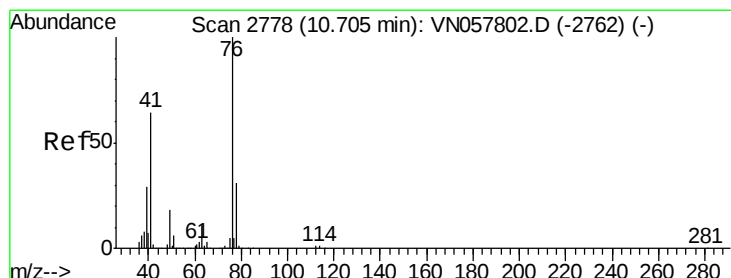
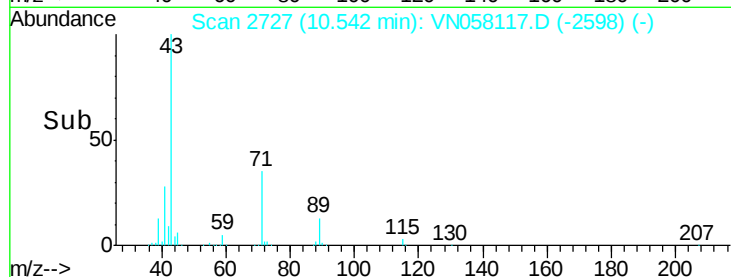
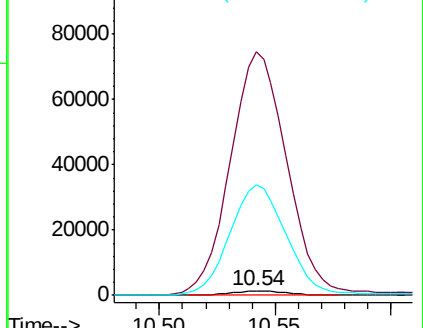
39 2539.5 36.3 54.5#



Abundance Ion 69.00 (68.70 to 69.70): VN058117.D (-2598) (-)

Ion 41.00 (40.70 to 41.70): VN058117.D (-2598) (-)

Ion 39.00 (38.70 to 39.70): VN058117.D (-2598) (-)



#57

1,3-Dichloropropane

Concen: 0.996 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058117.D

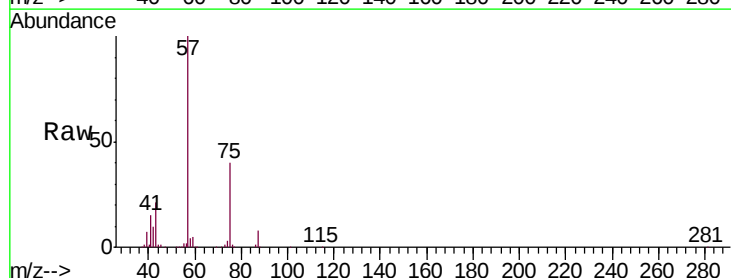
Acq: 16 Sep 2019 14:38

Tgt Ion: 76 Resp: 8122

Ion Ratio Lower Upper

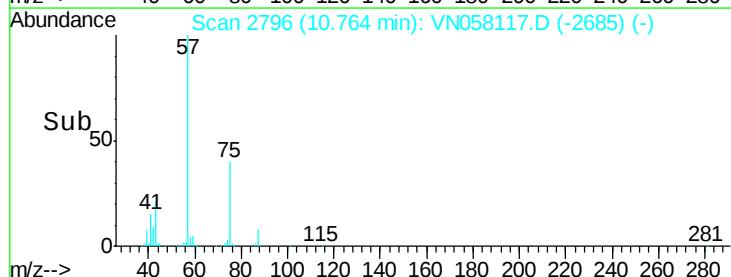
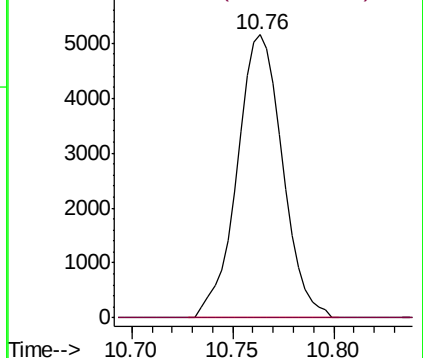
76 100

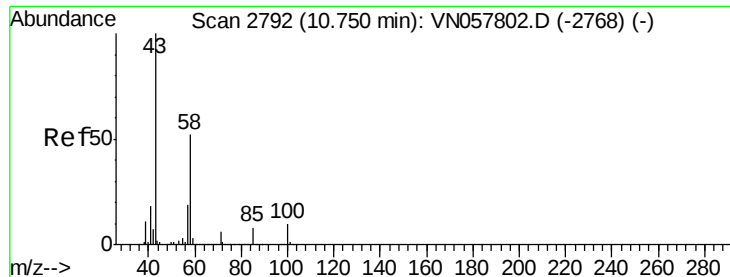
78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VN058117.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN058117.D (-2685) (-)

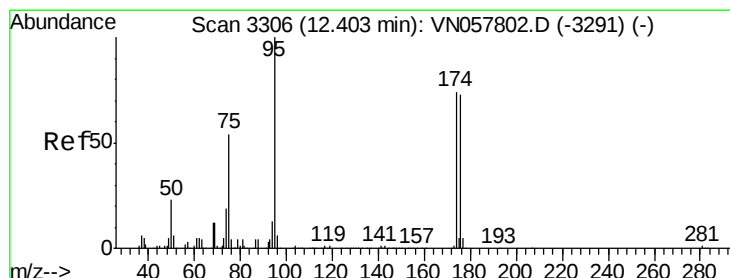
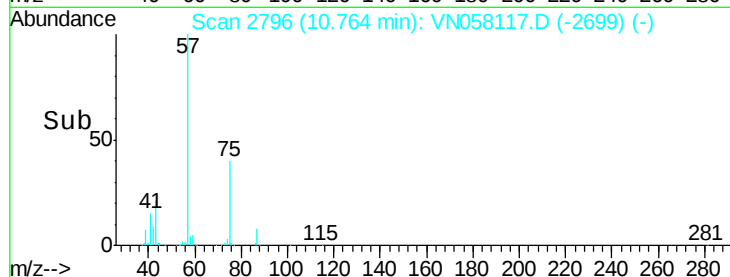
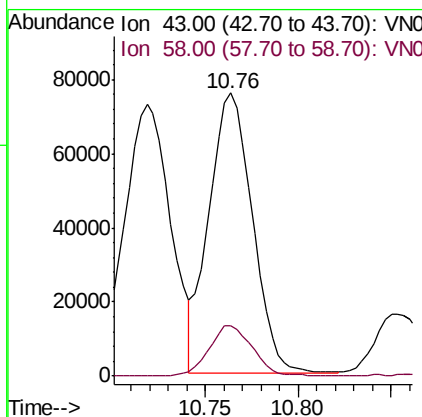
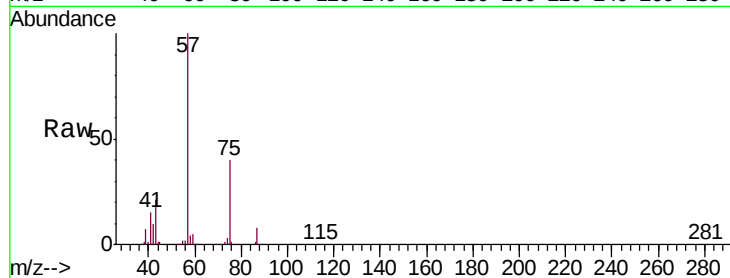




#59
2-Hexanone
Concen: 27.203 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

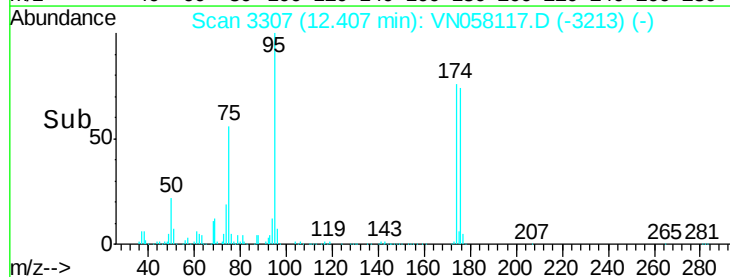
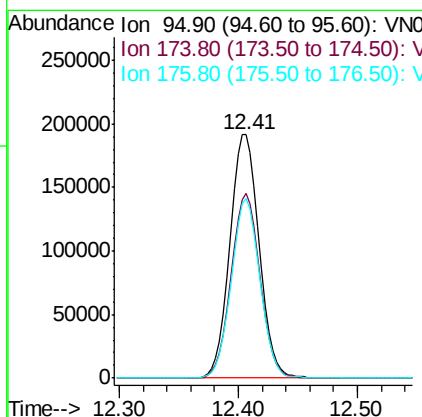
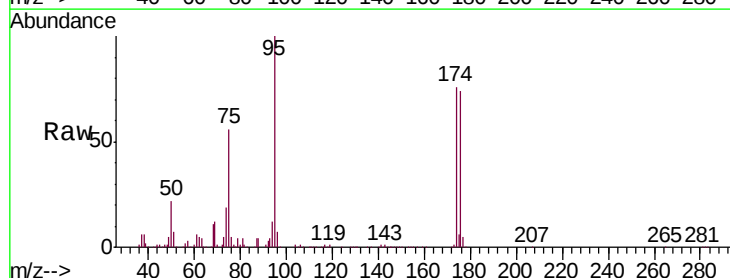
Instrument :
MSVOA_N
ClientSampleId :
T4-2-(1.5)-HELLGATE

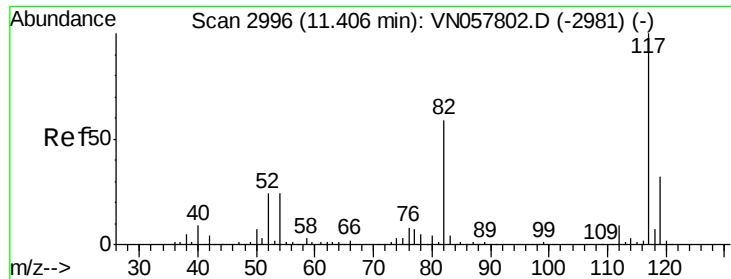
Tgt Ion: 43 Resp: 123475
Ion Ratio Lower Upper
43 100
58 18.1 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: 47.029 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

Tgt Ion: 95 Resp: 326152
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 72.4 0.0 146.0

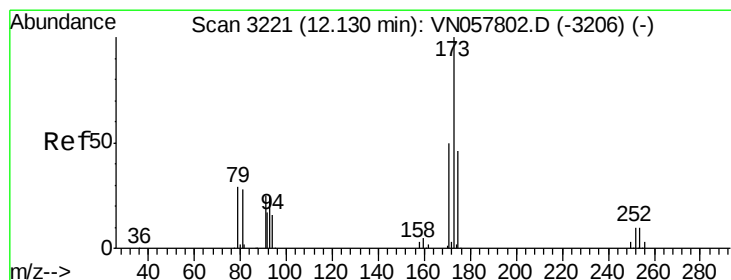
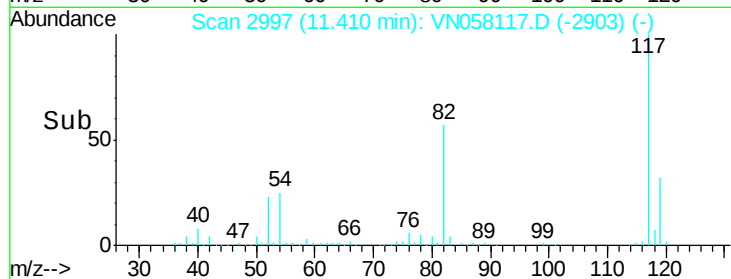
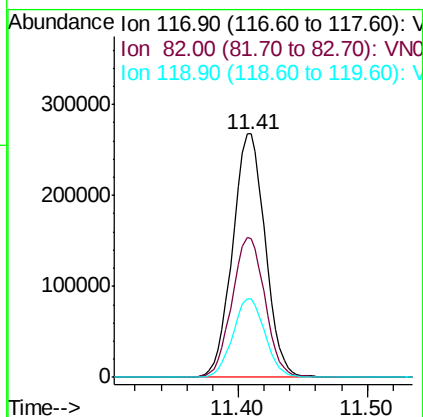
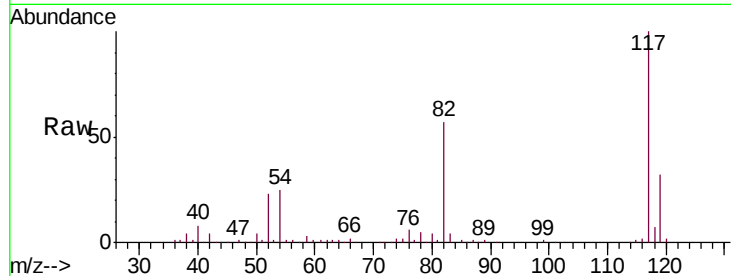




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

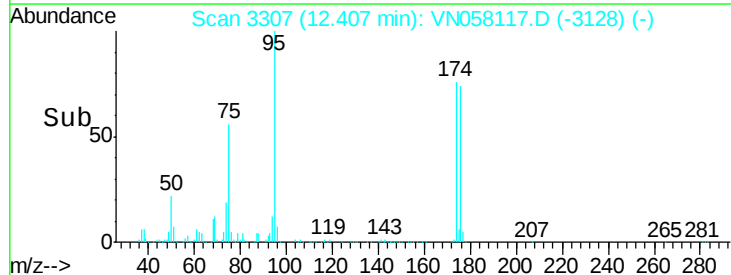
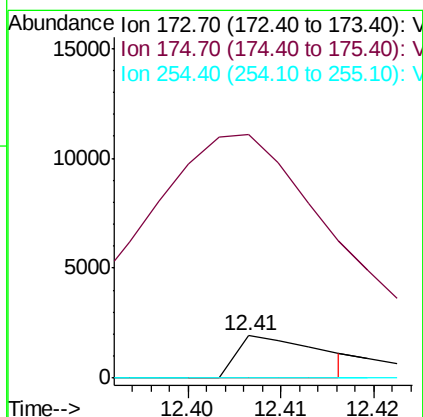
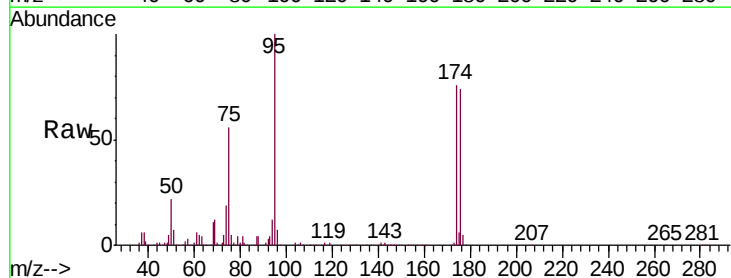
Instrument :
MSVOA_N
ClientSampleId :
T4-2-(1.5)-HELLGATE

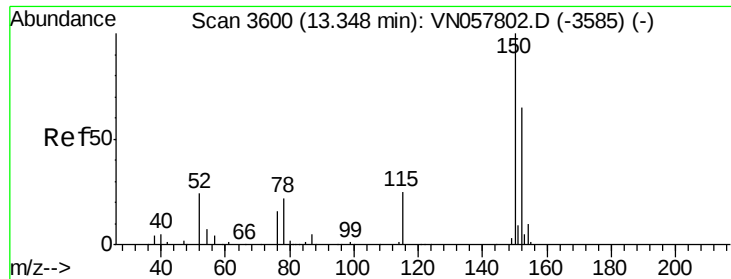
Tgt Ion:117 Resp: 470593
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 32.0 25.3 37.9



#71
Bromoform
Concen: 0.448 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058117.D
Acq: 16 Sep 2019 14:38

Tgt Ion:173 Resp: 1194
Ion Ratio Lower Upper
173 100
175 1305.2 23.5 70.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-HELLGATE

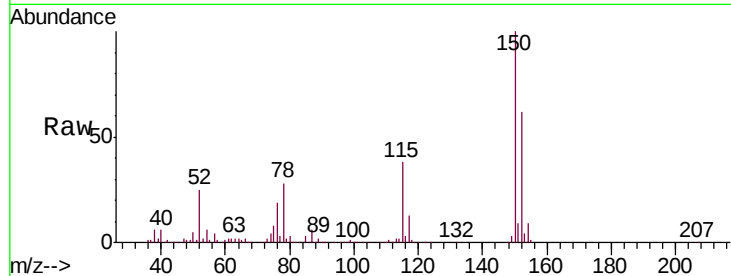
Tgt Ion:152 Resp: 248550

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

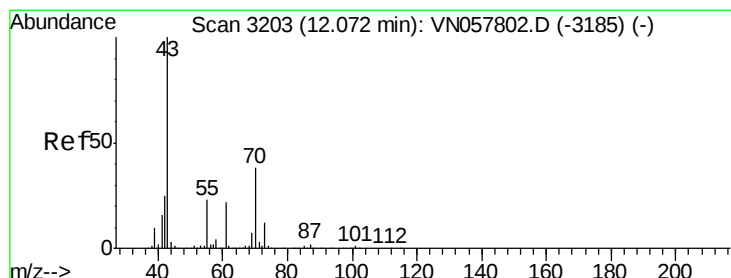
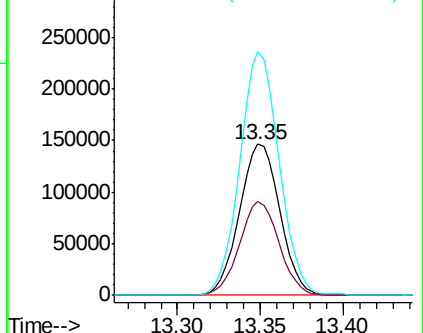
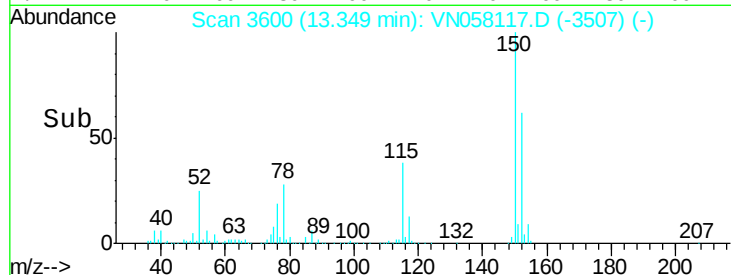
150 157.0 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.589 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Tgt Ion: 43 Resp: 4943

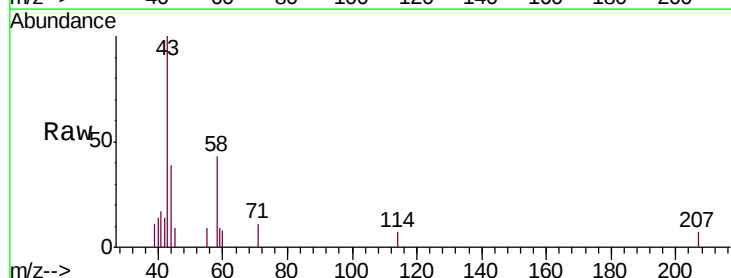
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 5.6 18.6 27.8#

61 0.0 17.4 26.2#

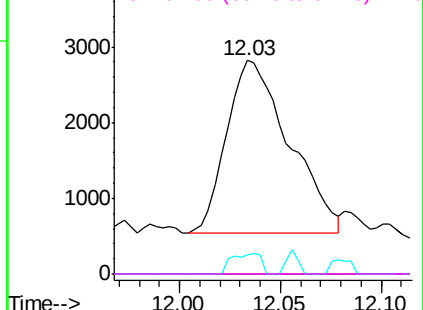
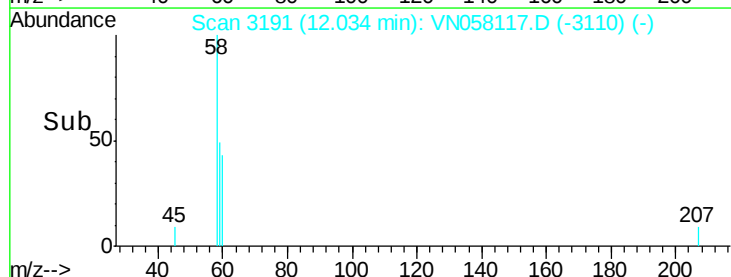


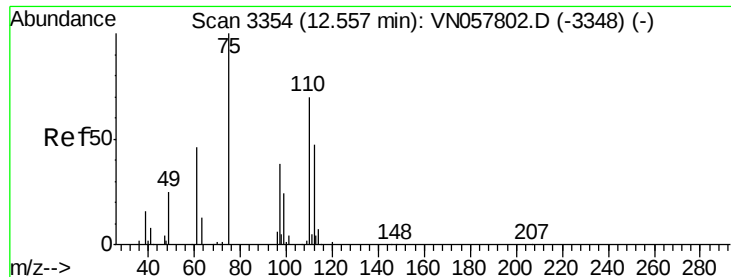
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 31.617 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

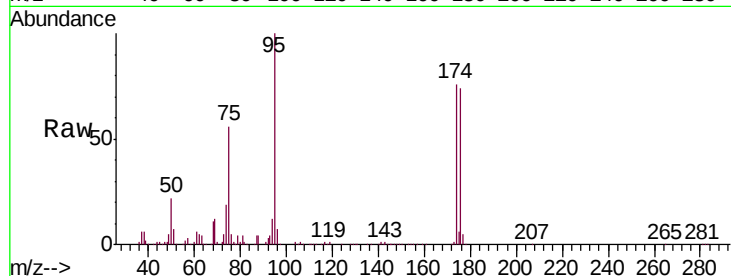
T4-2-(1.5)-HELLGATE

Tgt Ion: 75 Resp: 177771

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

100000

80000

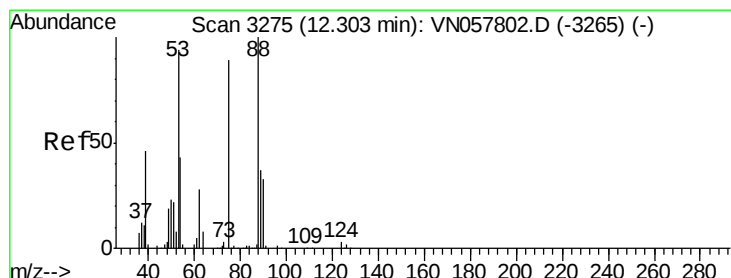
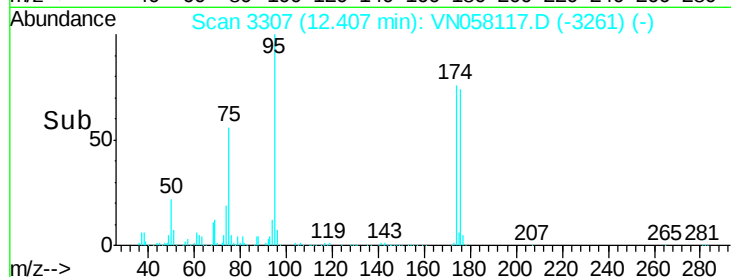
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 111.261 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

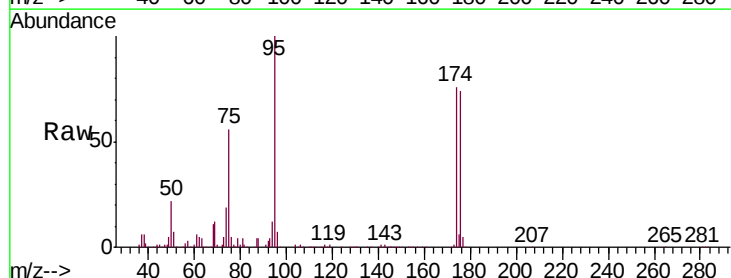
Tgt Ion: 75 Resp: 177771

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#



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

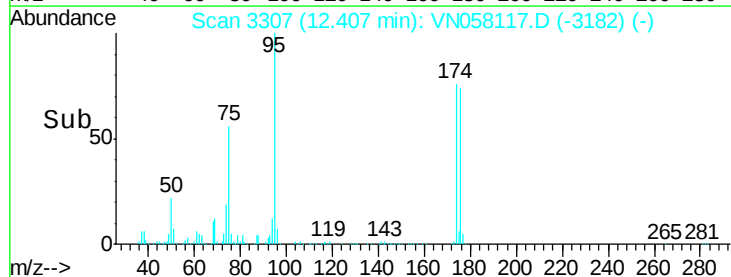
12.41

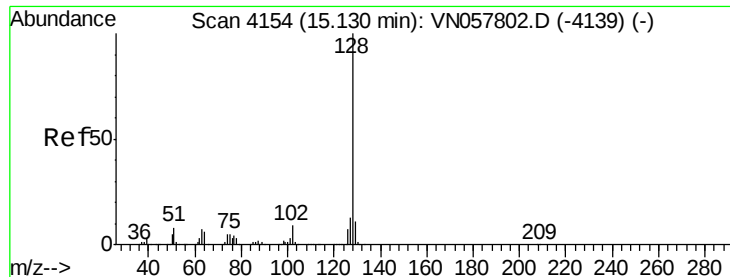
100000

50000

0

Time--> 12.30 12.40 12.50





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

Instrument :

MSVOA_N

ClientSampleId :

T4-2-(1.5)-HELLGATE

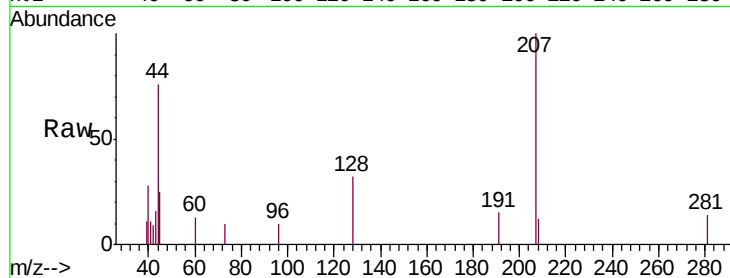
Tgt Ion:128 Resp: 1009

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.14

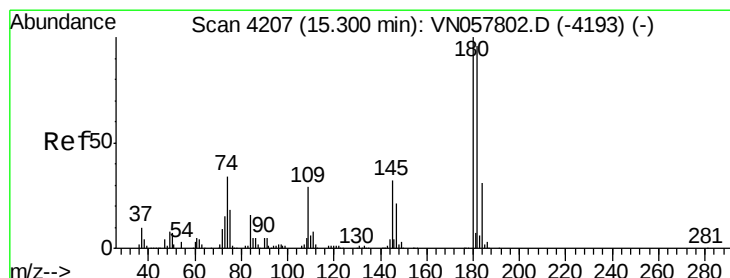
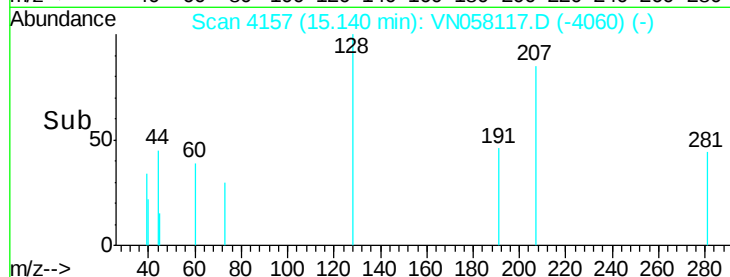
400

200

0

Time-->

15.10 15.15



#96

1,2,3-Trichlorobenzene

Concen: 1.004 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.01 min

Lab File: VN058117.D

Acq: 16 Sep 2019 14:38

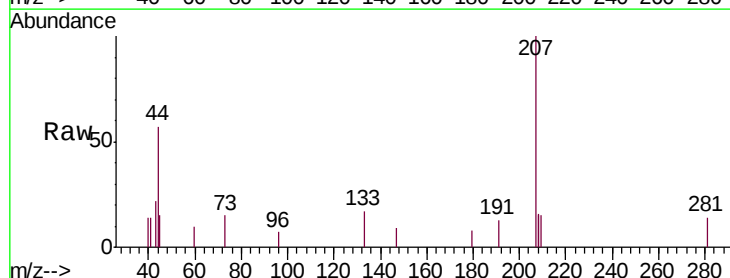
Tgt Ion:180 Resp: 32

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.8#

145 0.0 16.3 48.8#



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

15.31

200

150

100

50

0

Time-->

15.30 15.31 15.32

