

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057600.D
 Acq On : 30 Aug 2019 20:28
 Operator : JC/SP
 Sample : K4517-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)

Quant Time: Aug 31 00:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	585533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	896539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	344027	35.90	ug/l	0.00
Spiked Amount			Recovery	=	71.80%	
35) Dibromofluoromethane	7.58	113	268300	33.48	ug/l	0.00
Spiked Amount			Recovery	=	66.96%	
50) Toluene-d8	10.08	98	1093930	38.59	ug/l	0.00
Spiked Amount			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.40	95	295518	31.06	ug/l	0.00
Spiked Amount			Recovery	=	62.12%	

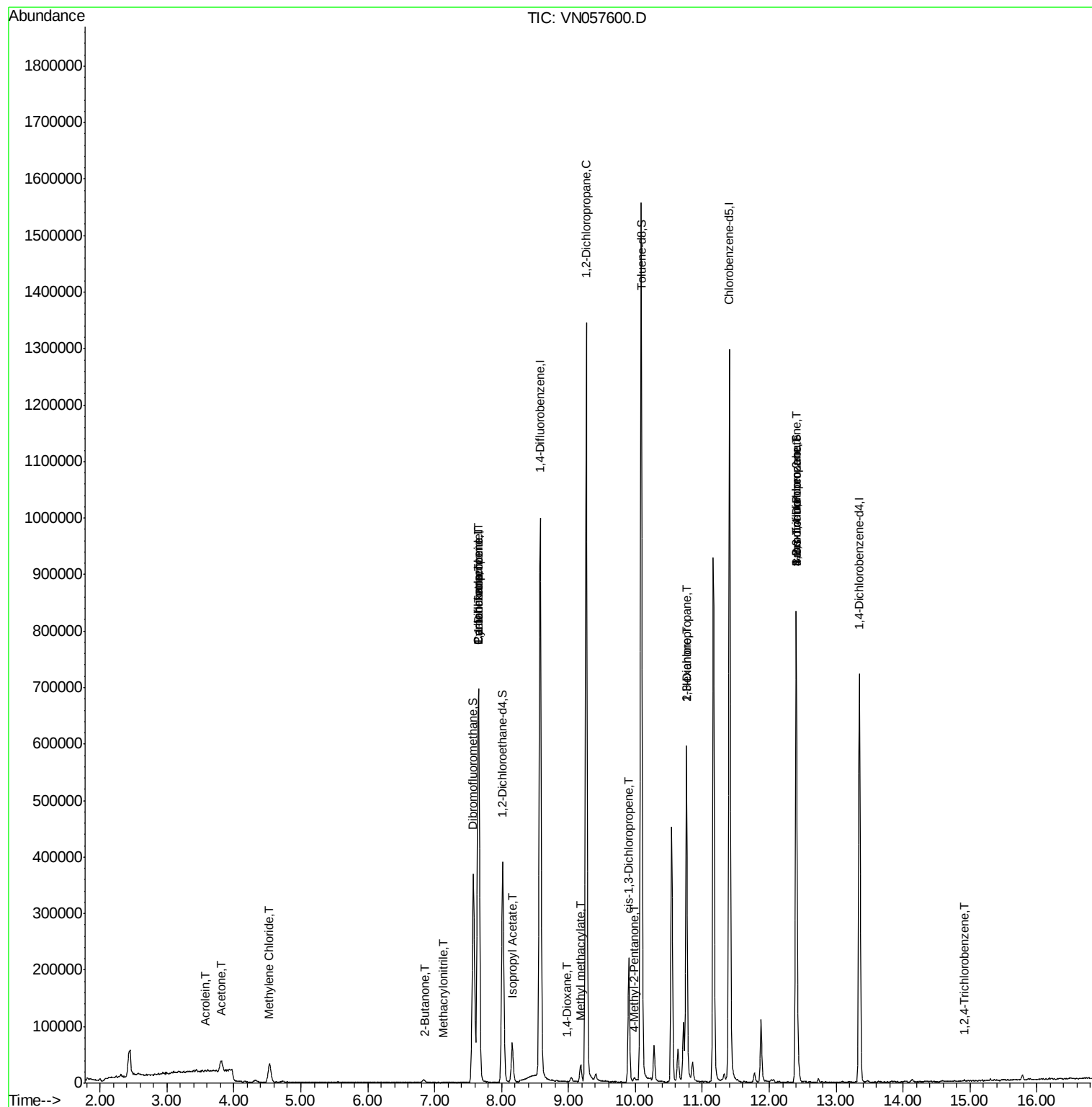
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.58	56	325	0.402	ug/l	98
16) Acetone	3.81	43	27940	7.212	ug/l	92
18) Methyl Acetate	4.32	43	7170	Below Cal	#	67
20) Methylene Chloride	4.53	84	23787	3.315	ug/l	86
25) 2-Butanone	6.86	43	2391	0.782	ug/l #	90
31) Cyclohexane	7.65	56	12130	1.090	ug/l #	4
36) 1,1-Dichloropropene	7.65	75	42773	4.410	ug/l #	46
38) Carbon Tetrachloride	7.66	117	57401	5.061	ug/l #	16
41) Methacrylonitrile	7.13	41	30	1.276	ug/l #	17
43) Isopropyl Acetate	8.16	43	77247	6.441	ug/l #	95
45) 1,2-Dichloropropane	9.26	63	1579	0.228	ug/l #	44
48) Methyl methacrylate	9.18	41	3833	0.677	ug/l #	15
49) 1,4-Dioxane	8.97	88	64	0.619	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	5319	0.830	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	41021	3.493	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	6712	0.568	ug/l #	43
59) 2-Hexanone	10.76	43	82821	18.714	ug/l #	58
71) Bromoform	12.40	173	2370	0.462	ug/l #	1
73) Isopropylbenzene	12.24	105	113	Below Cal	#	50
74) N-amyl acetate	12.03	43	3141	Below Cal	#	50
75) 1,1,2,2-Tetrachloroethane	12.40	83	348	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	161180	42.326	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	161180	118.464	ug/l #	8
83) tert-Butylbenzene	12.95	119	83	Below Cal	#	22
93) 1,2,4-Trichlorobenzene	14.91	180	456	3.932	ug/l #	51

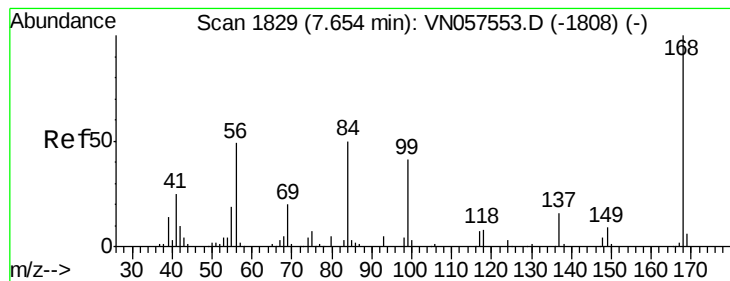
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
T4-S-D1-(0)

Quant Time: Aug 31 00:50:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

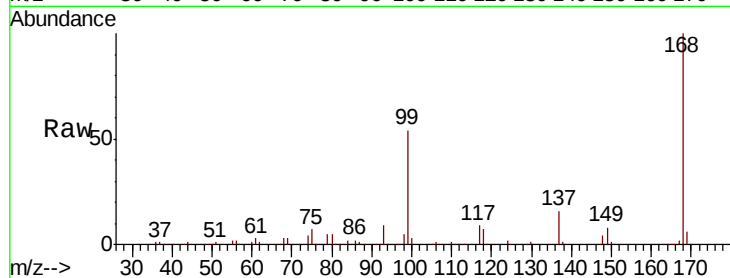
T4-S-D1-(0)

Tgt Ion:168 Resp: 585533

Ion Ratio Lower Upper

168 100

99 54.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

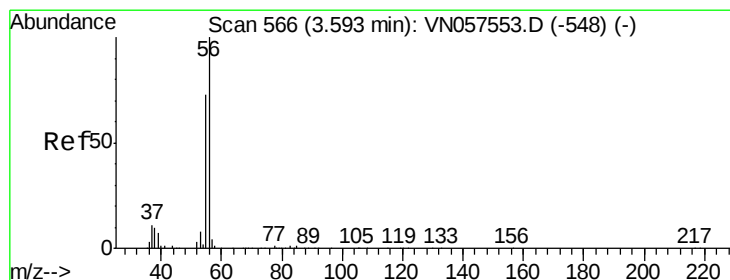
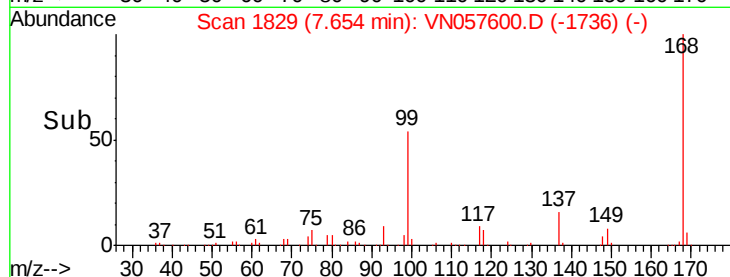
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.402 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.01 min

Lab File: VN057600.D

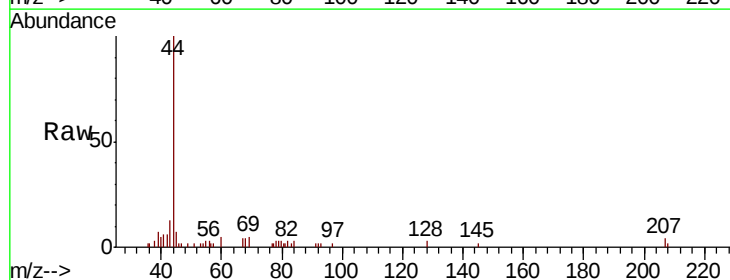
Acq: 30 Aug 2019 20:28

Tgt Ion: 56 Resp: 325

Ion Ratio Lower Upper

56 100

55 75.7 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.58

600

500

400

300

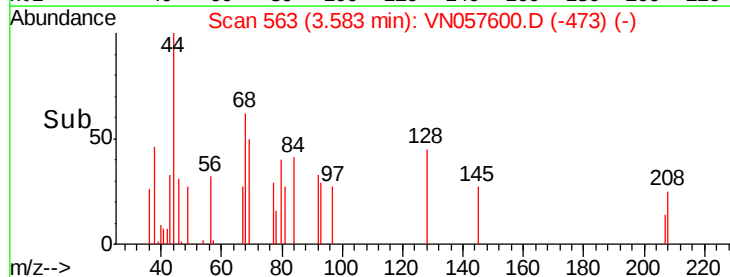
200

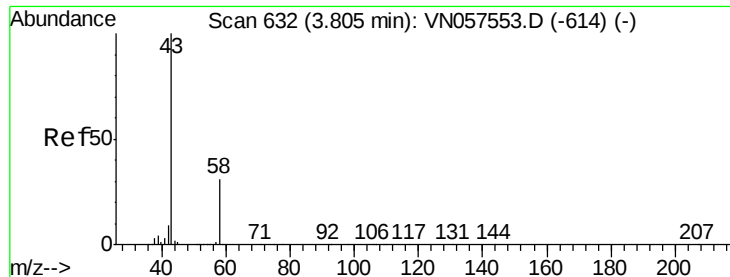
100

0

3.54 3.56 3.58

Time-->





#16

Acetone

Concen: 7.212 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

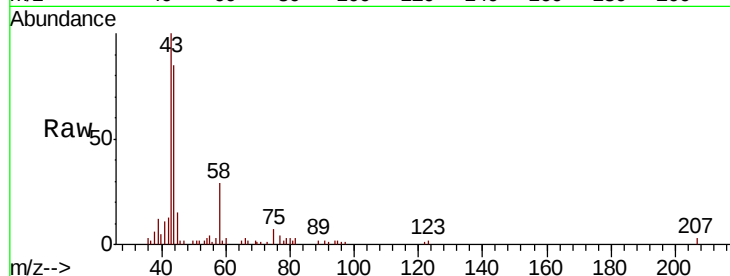
T4-S-D1-(0)

Tgt Ion: 43 Resp: 27940

Ion Ratio Lower Upper

43 100

58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-614) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-614) (-)

12000

10000

8000

6000

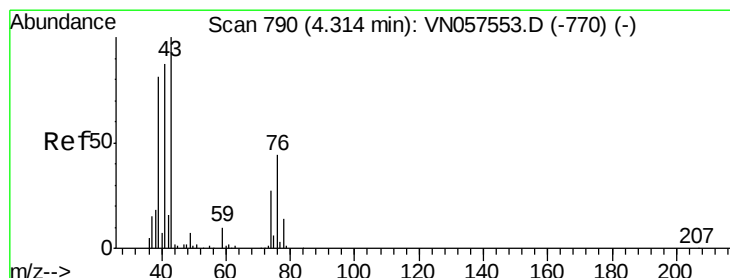
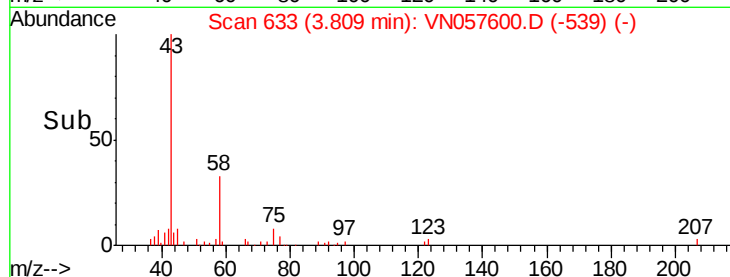
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN057600.D

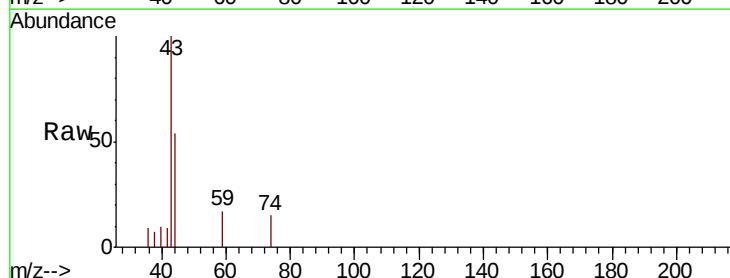
Acq: 30 Aug 2019 20:28

Tgt Ion: 43 Resp: 7170

Ion Ratio Lower Upper

43 100

74 4.9 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN057553.D (-770) (-)

2500

2000

1500

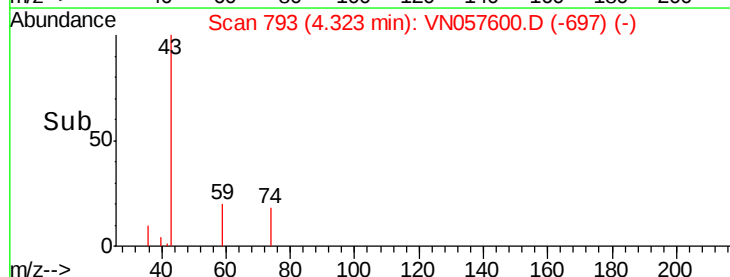
1000

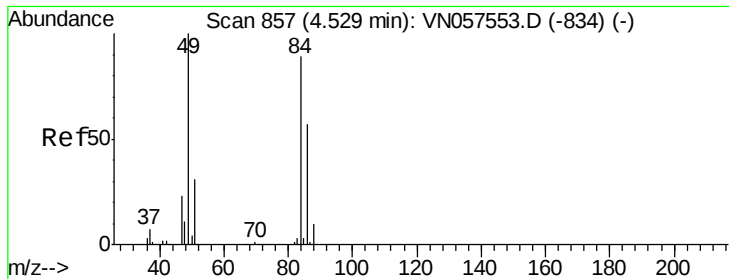
500

0

4.20 4.25 4.30 4.35 4.40

Time-->





#20

Methylene Chloride

Concen: 3.315 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)

Tgt Ion: 84 Resp: 23787

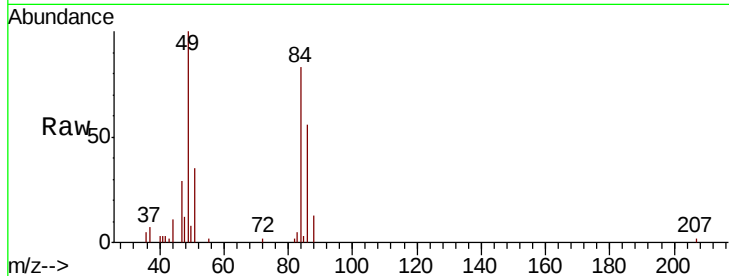
Ion Ratio Lower Upper

84 100

49 120.6 117.0 175.4

51 42.4 35.5 53.3

86 67.6 49.8 74.8



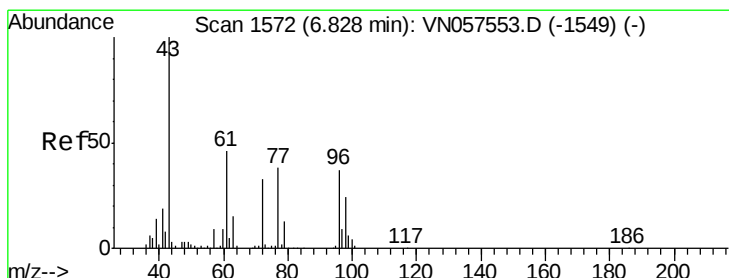
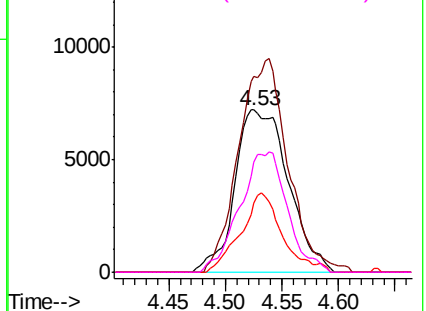
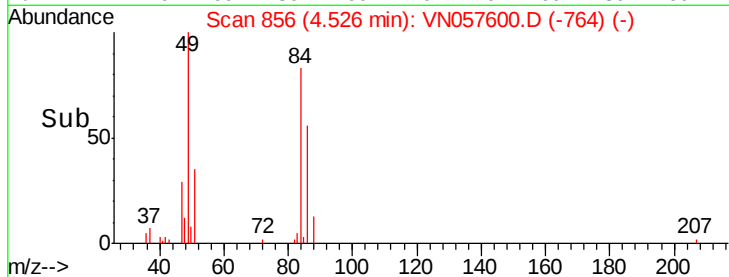
Abundance

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: 0.782 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.03 min

Lab File: VN057600.D

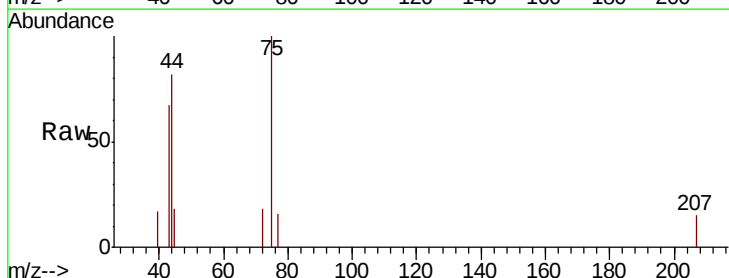
Acq: 30 Aug 2019 20:28

Tgt Ion: 43 Resp: 2391

Ion Ratio Lower Upper

43 100

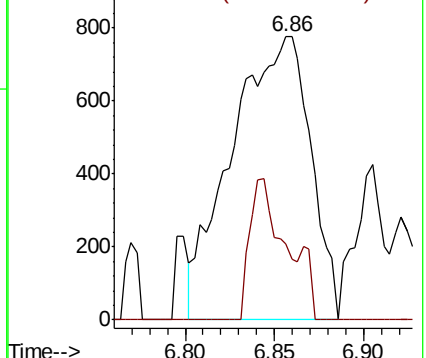
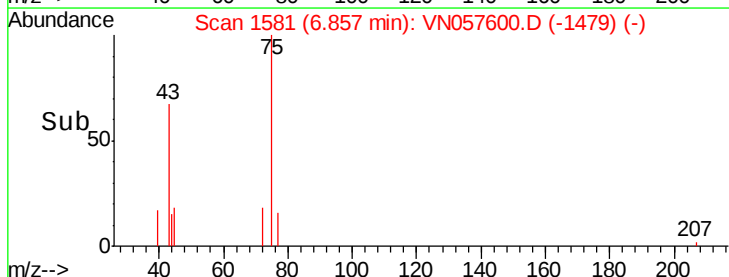
72 27.1 17.8 26.8#

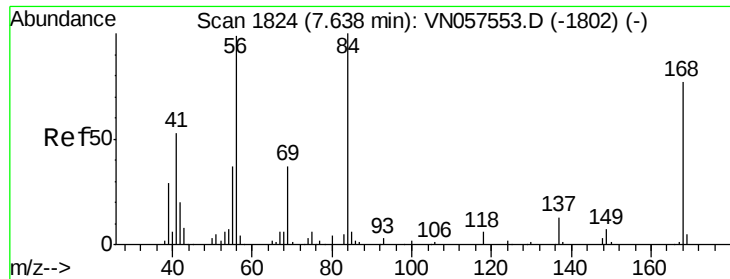


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

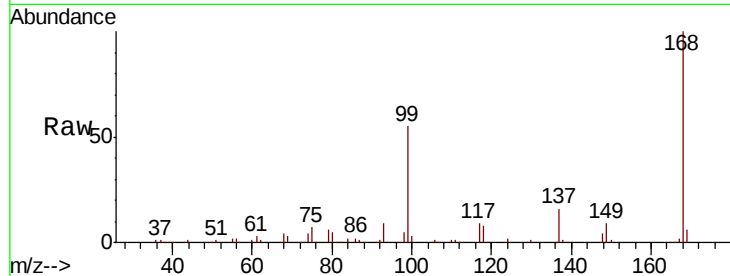




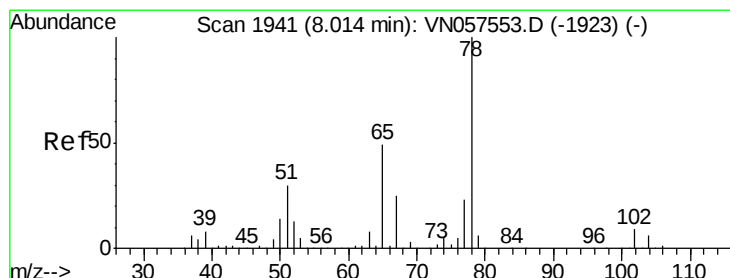
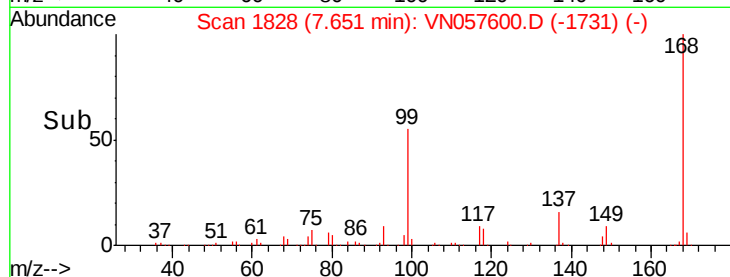
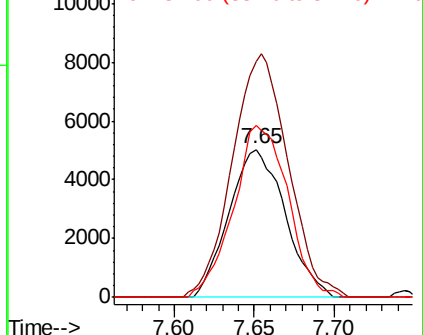
#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Instrument :
MSVOA_N
ClientSampled :
T4-S-D1-(0)

Tgt Ion: 56 Resp: 12130
Ion Ratio Lower Upper
56 100
69 155.4 25.0 37.6#
84 116.3 62.5 93.7#

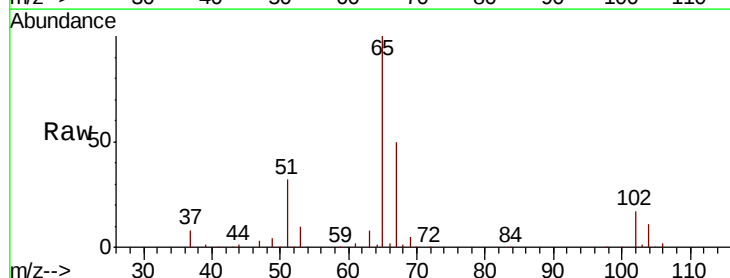


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

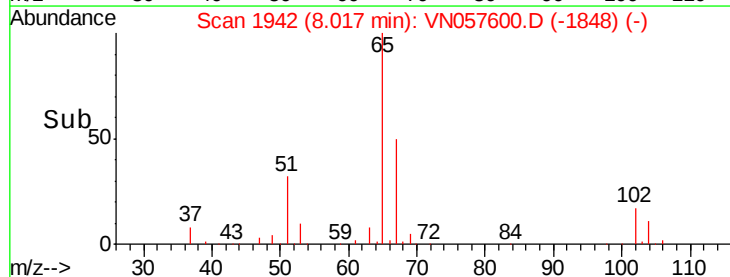
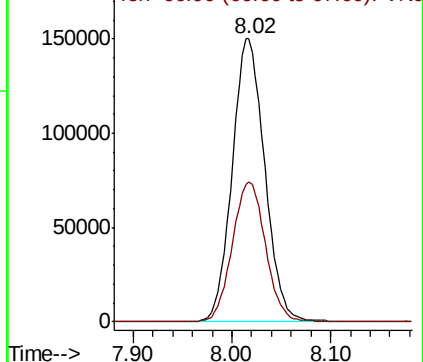


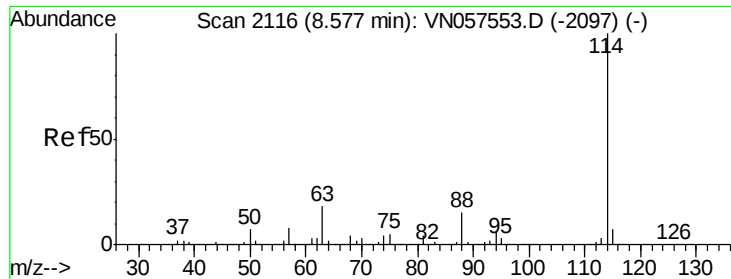
#33
1,2-Dichloroethane-d4
Concen: 35.897 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion: 65 Resp: 344027
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8



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

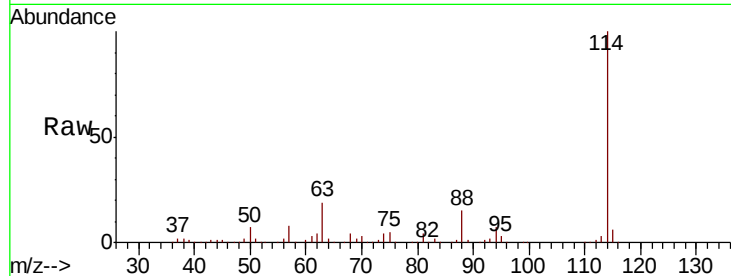




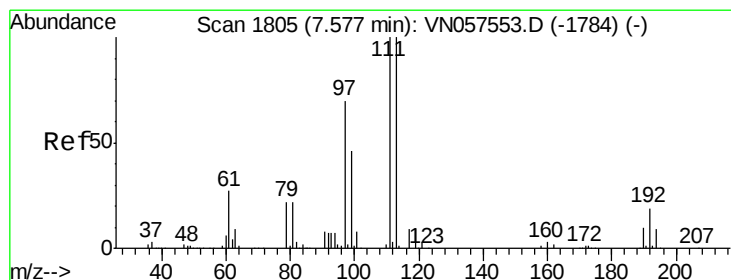
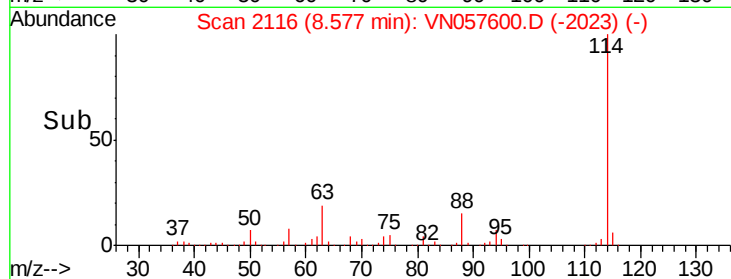
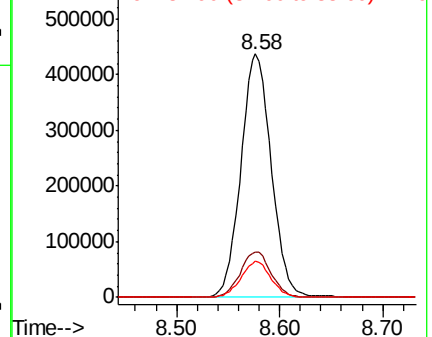
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057600.D
 Acq: 30 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampled :
 T4-S-D1-(0)

Tgt Ion:114 Resp: 896539
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 50.2
 88 14.7 0.0 34.6

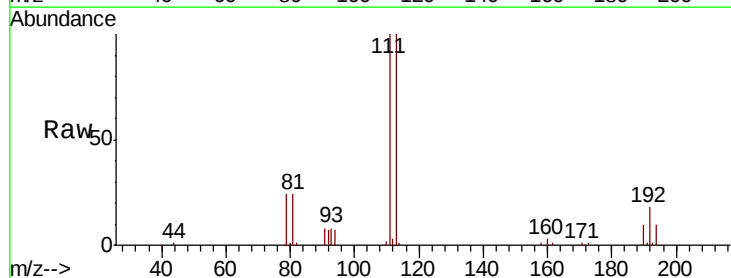


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

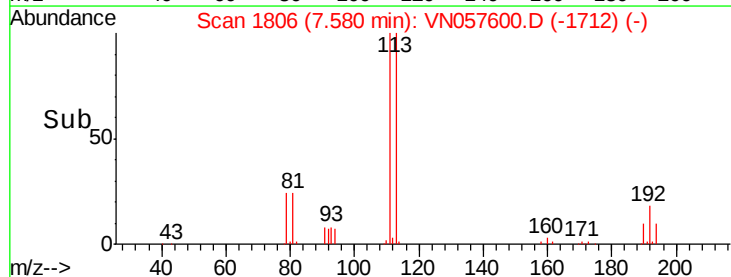
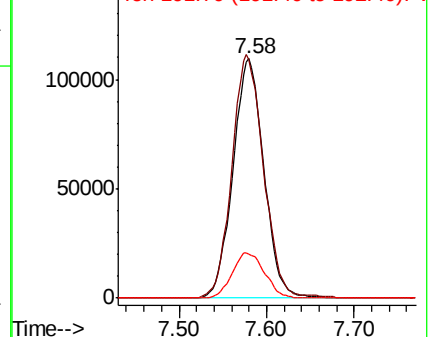


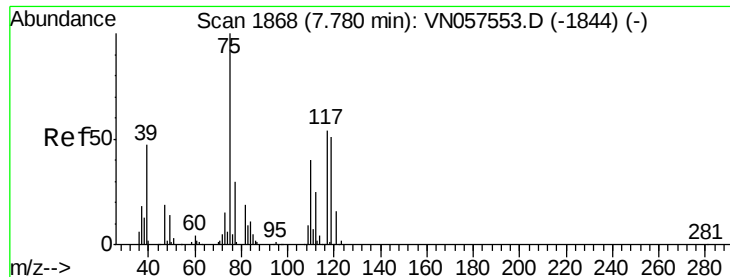
#35
 Dibromofluoromethane
 Concen: 33.482 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057600.D
 Acq: 30 Aug 2019 20:28

Tgt Ion:113 Resp: 268300
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 19.8 13.5 20.3



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

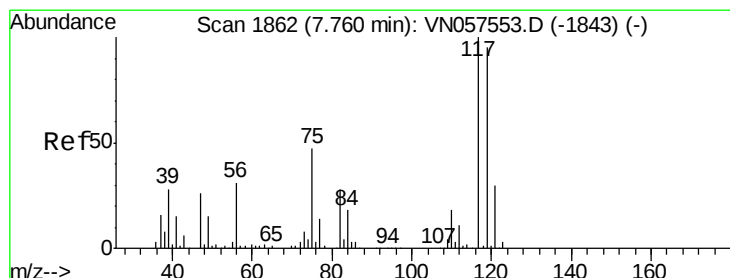
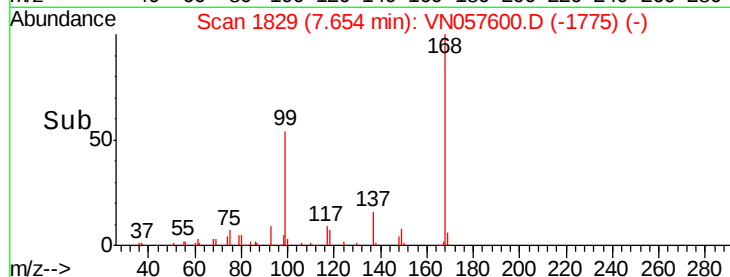
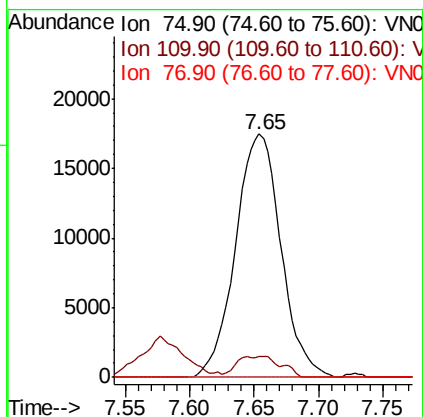
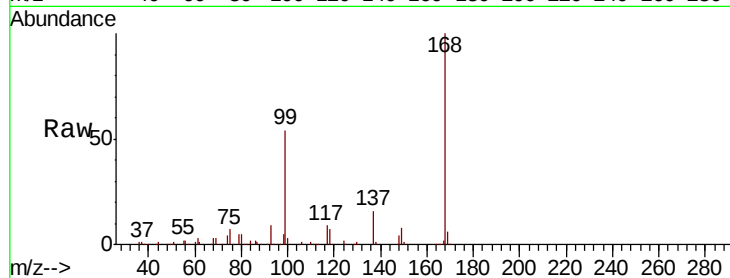




#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN057600.D
 Acq: 30 Aug 2019 20:28

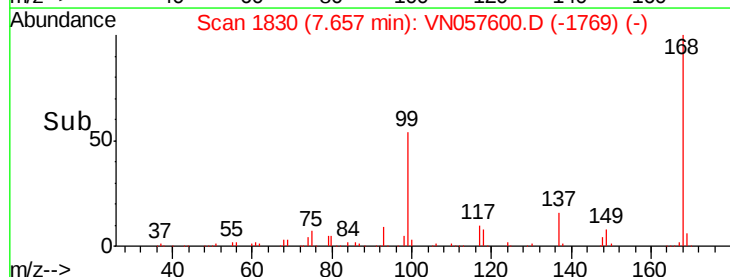
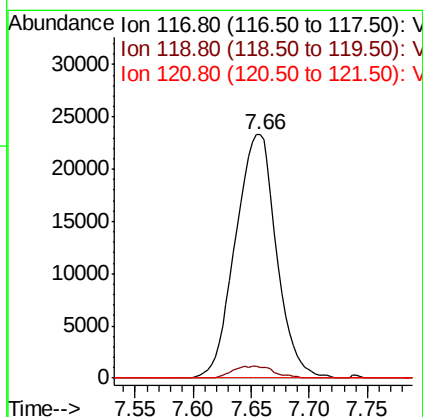
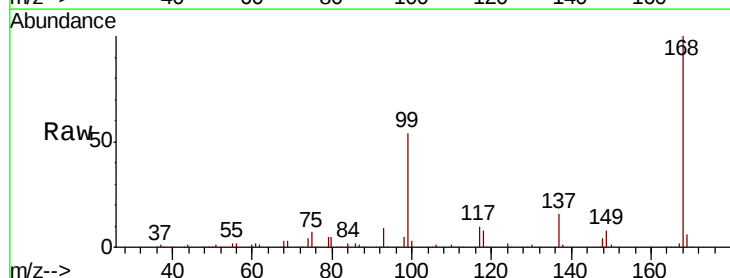
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)

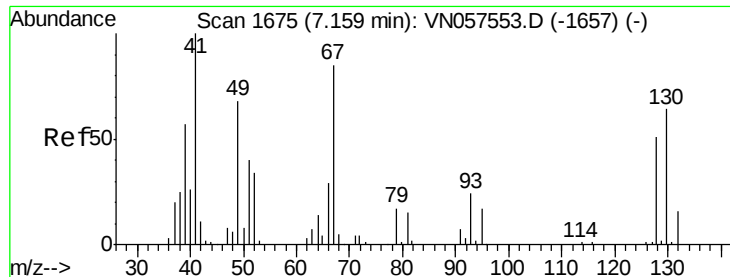
Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.2	16.1	48.3#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.061 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.10 min
 Lab File: VN057600.D
 Acq: 30 Aug 2019 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.4#
121	0.0	23.8	35.6#

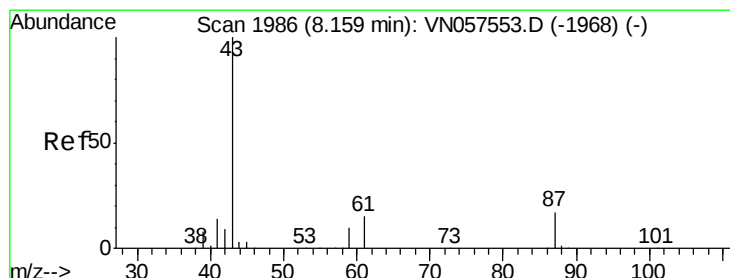
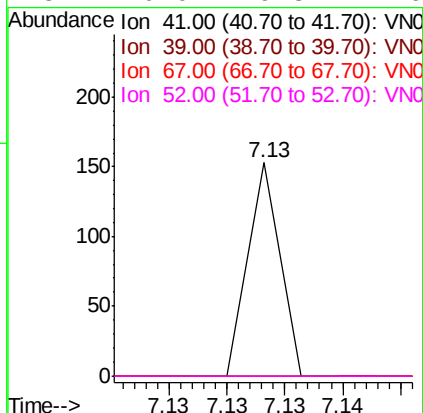
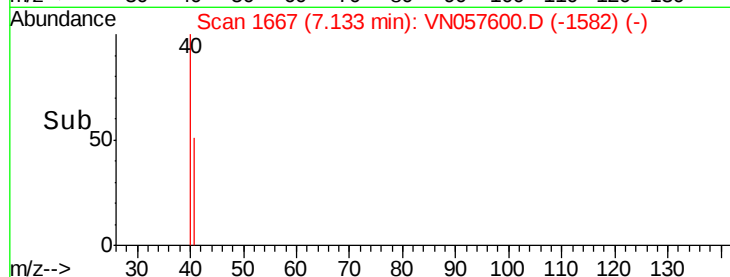
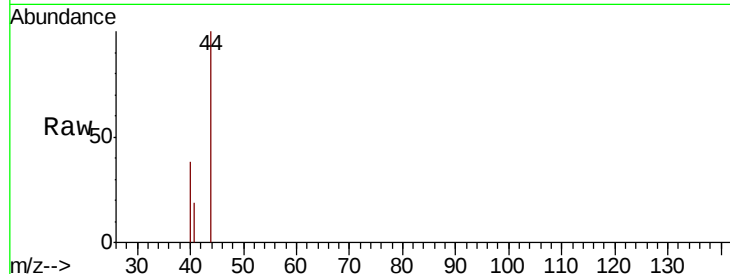




#41
Methacrylonitrile
Concen: 1.276 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.03 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

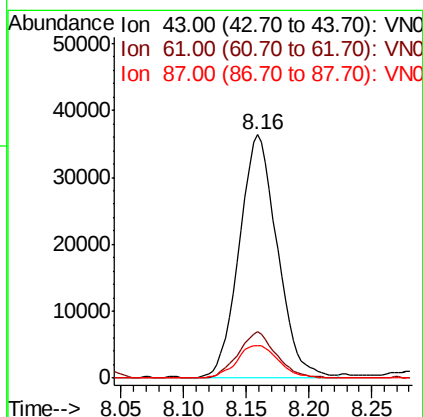
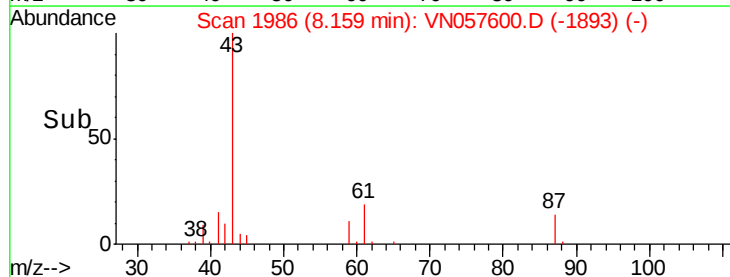
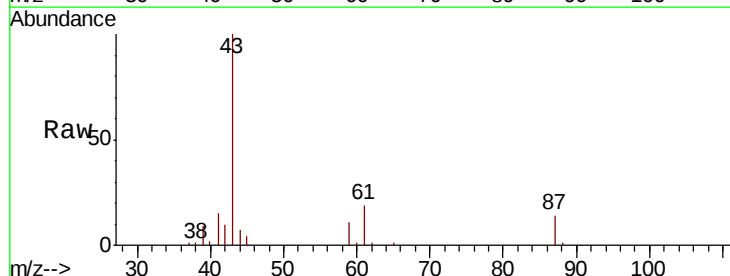
Instrument :
MSVOA_N
ClientSampled :
T4-S-D1-(0)

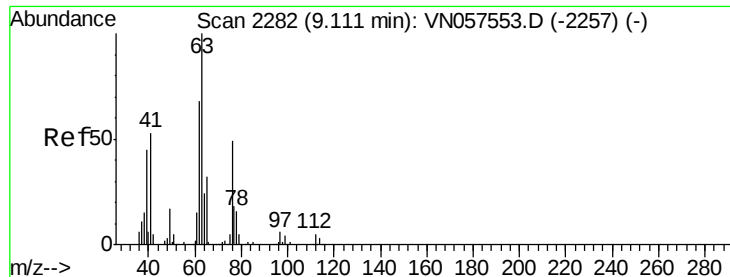
Tgt Ion:	41	Resp:	30
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	65.4	98.2#
52	0.0	29.8	44.6#



#43
Isopropyl Acetate
Concen: 6.441 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion:	43	Resp:	77247
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.5	21.7
87	14.7	8.6	12.8#





#45

1,2-Dichloropropane

Concen: 0.228 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

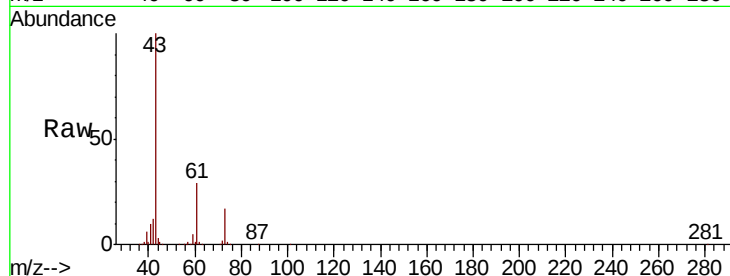
T4-S-D1-(0)

Tgt Ion: 63 Resp: 1579

Ion Ratio Lower Upper

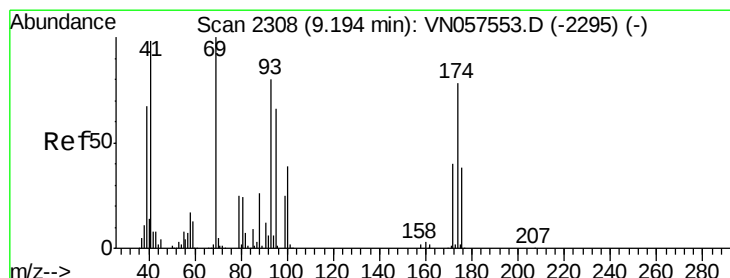
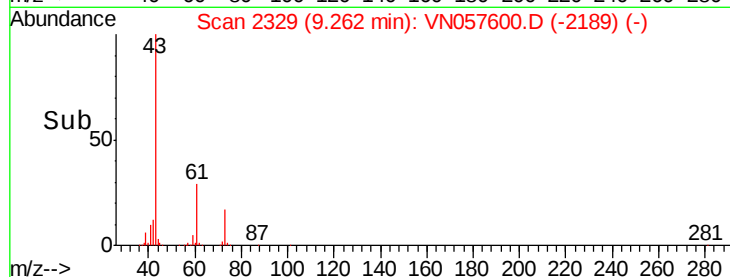
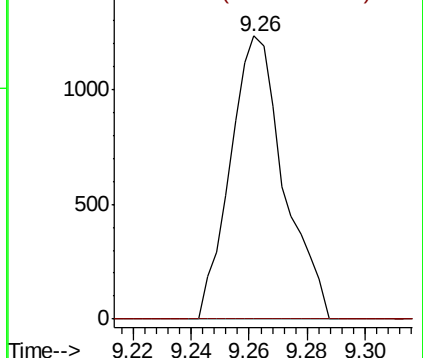
63 100

65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 0.677 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.01 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

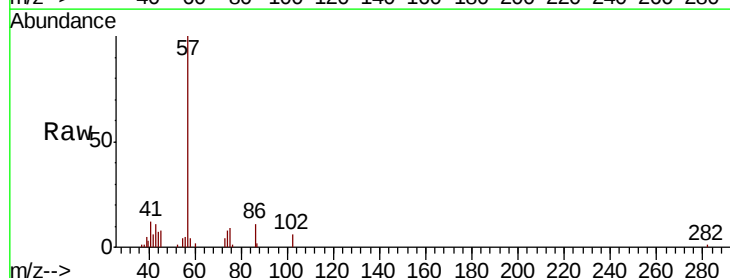
Tgt Ion: 41 Resp: 3833

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

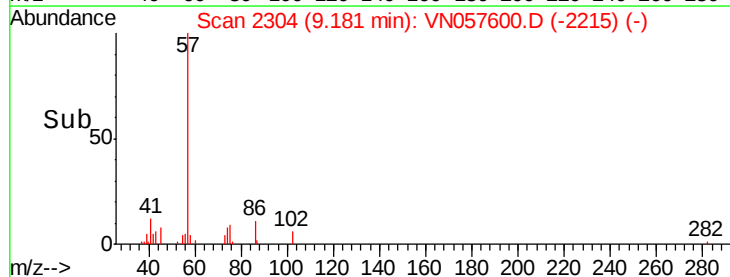
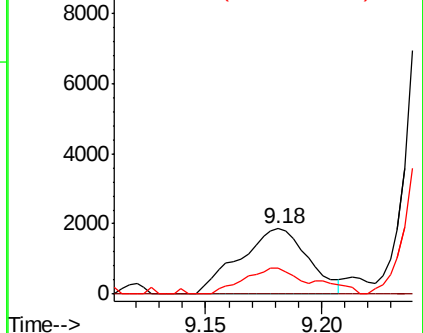
39 0.0 50.6 75.8#

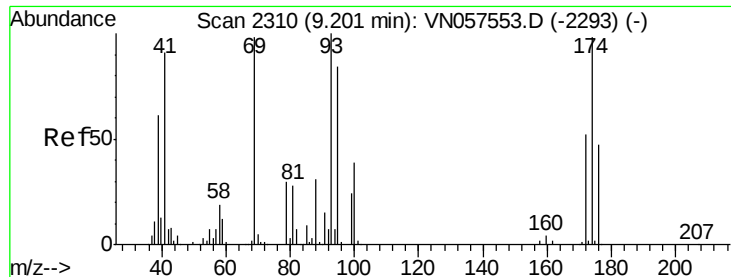


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

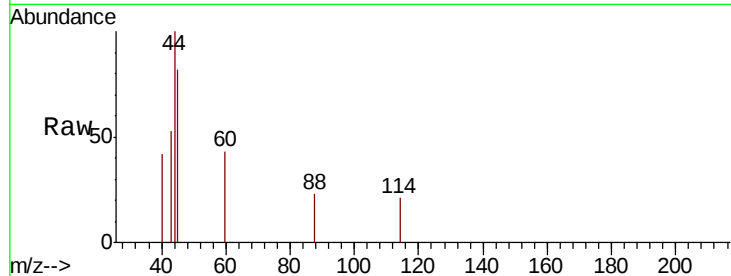




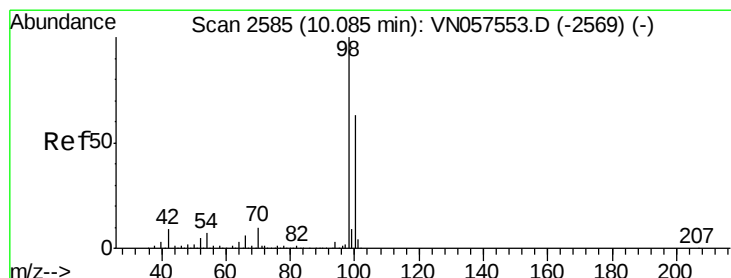
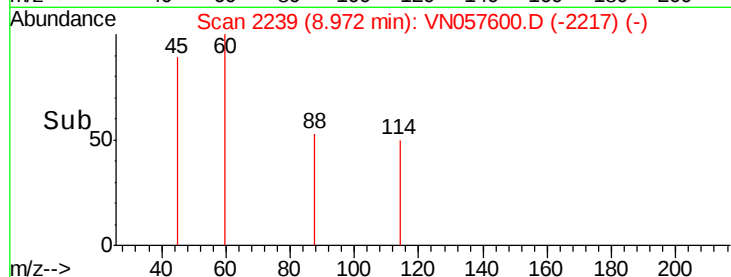
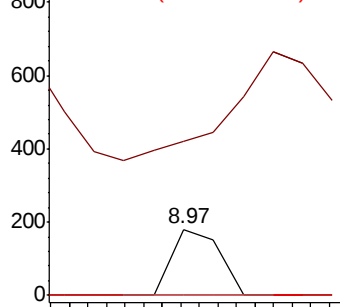
#49
1,4-Dioxane
Concen: 0.619 ug/l
RT: 8.97 min Scan# 2239
Delta R.T. -0.23 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Instrument :
MSVOA_N
ClientSampled :
T4-S-D1-(0)

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#

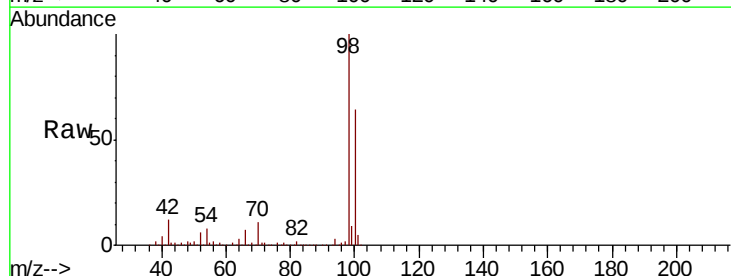


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

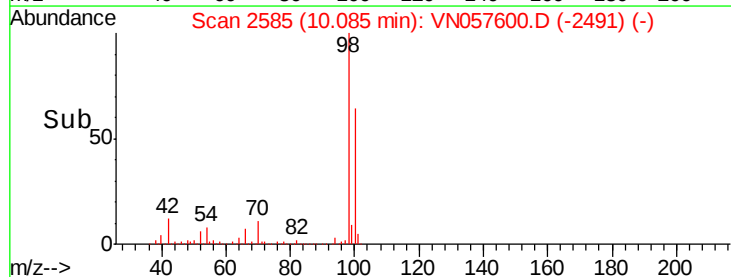
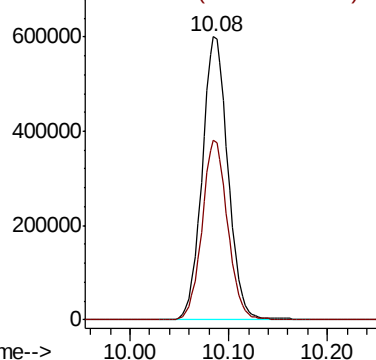


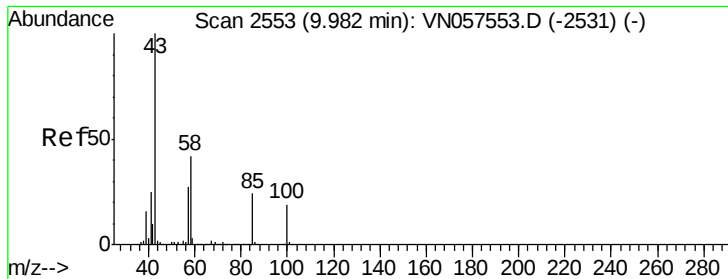
#50
Toluene-d8
Concen: 38.594 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion: 98 Resp: 1093930
Ion Ratio Lower Upper
98 100
100 63.1 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: 0.830 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

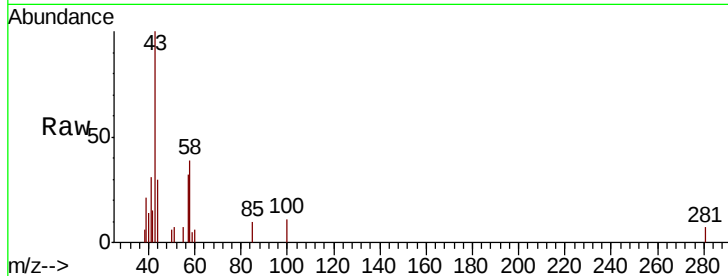
T4-S-D1-(0)

Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

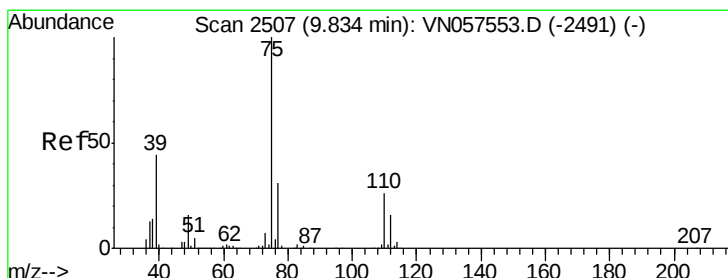
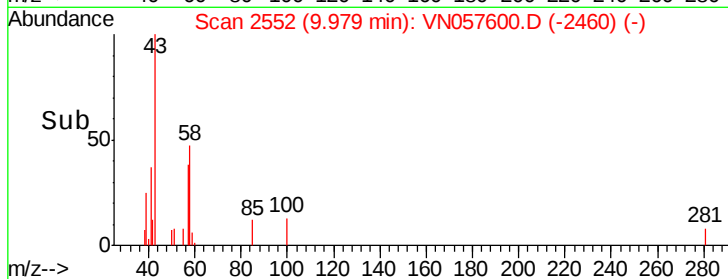
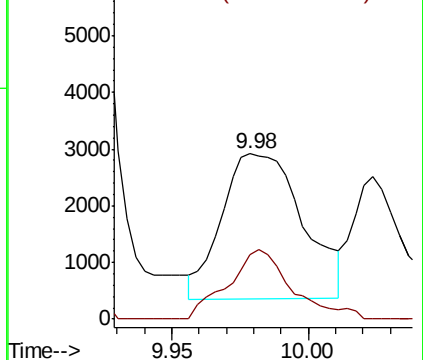
43 100

58 37.6 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 3.493 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

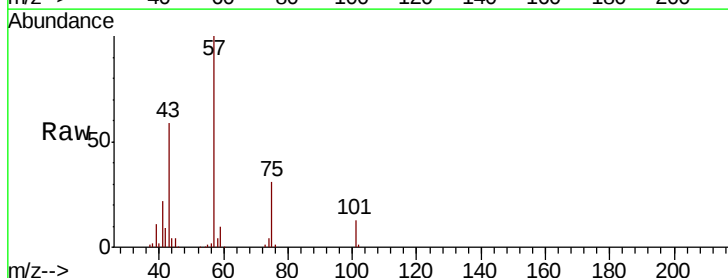
Tgt Ion: 75 Resp: 41021

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

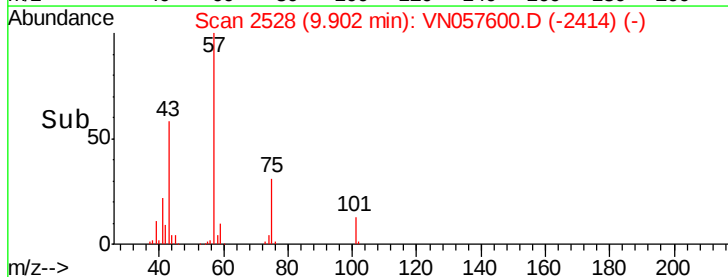
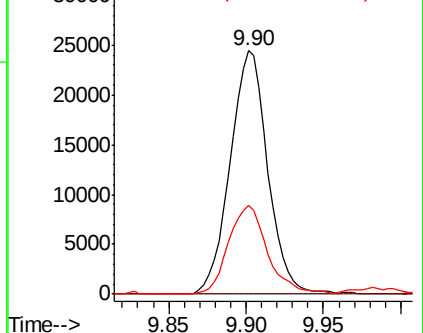
39 36.5 49.2 73.8#

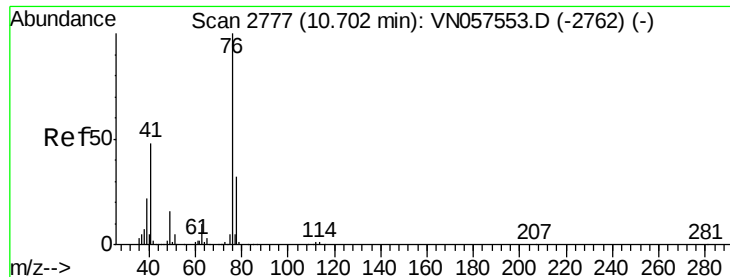


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.568 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

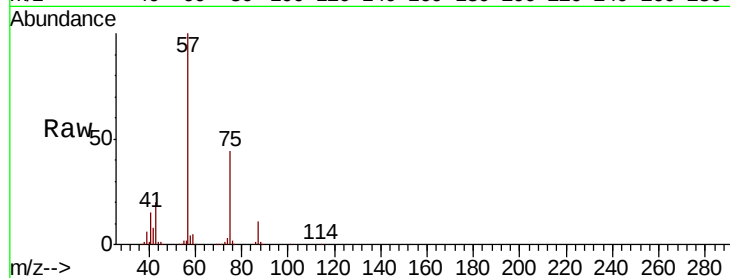
T4-S-D1-(0)

Tgt Ion: 76 Resp: 6712

Ion Ratio Lower Upper

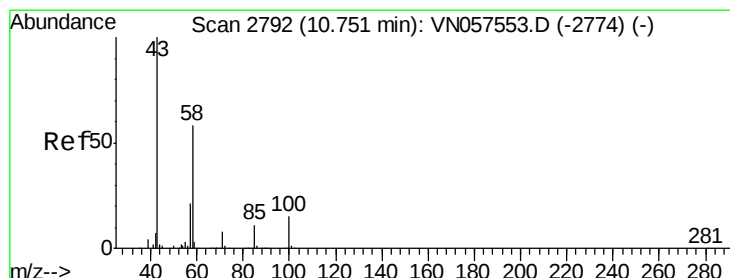
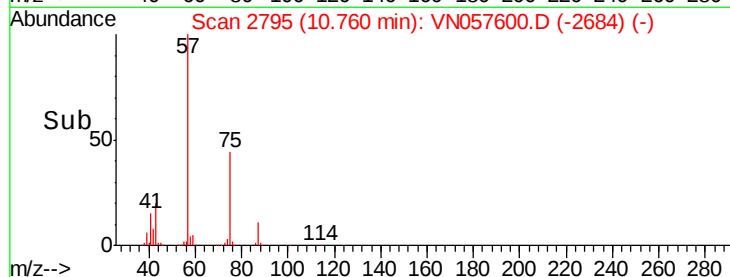
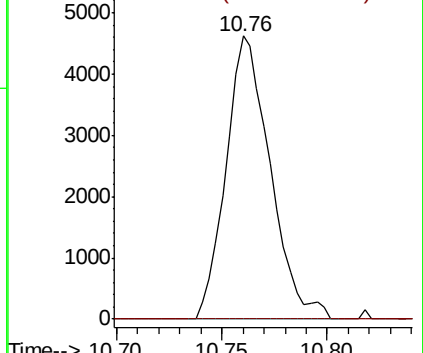
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 18.714 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN057600.D

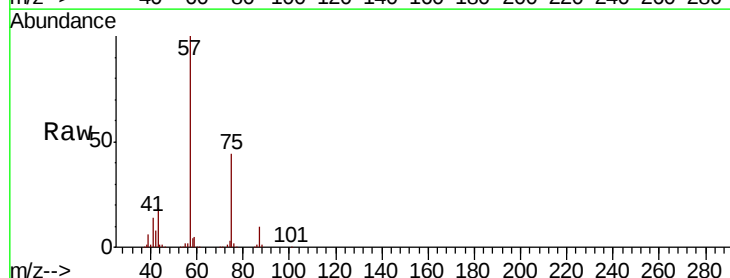
Acq: 30 Aug 2019 20:28

Tgt Ion: 43 Resp: 82821

Ion Ratio Lower Upper

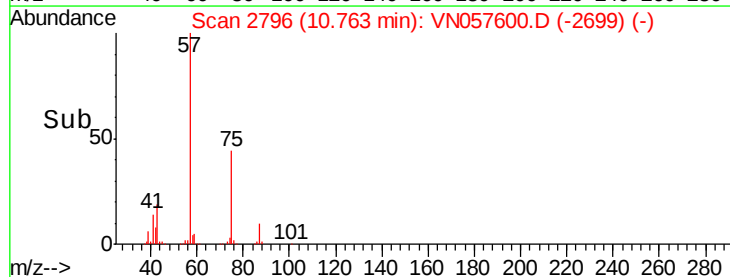
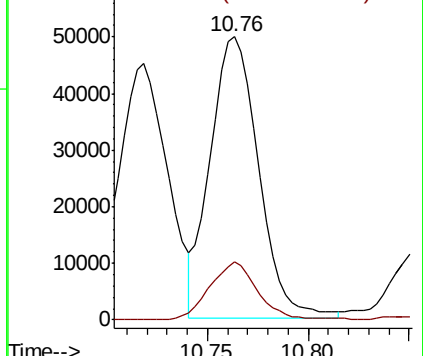
43 100

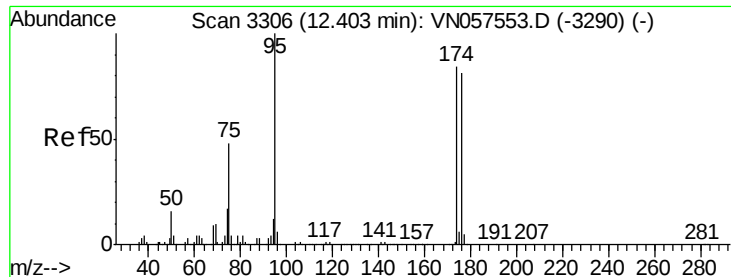
58 20.3 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

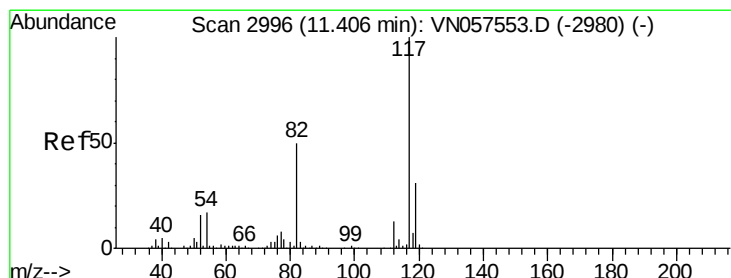
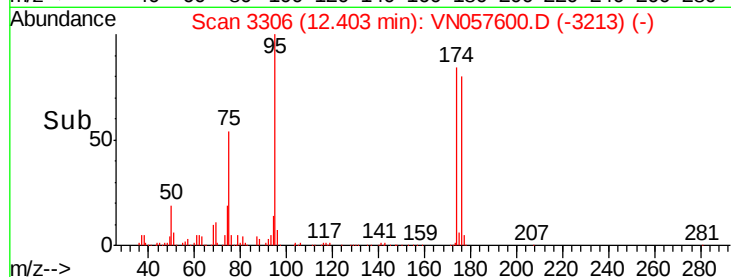
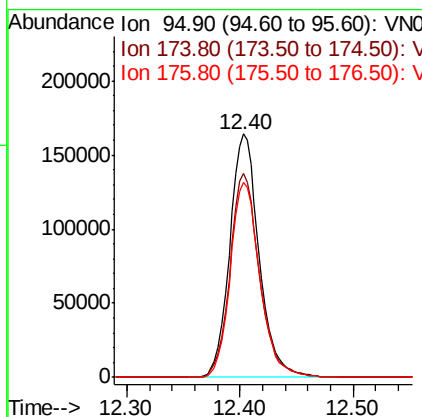
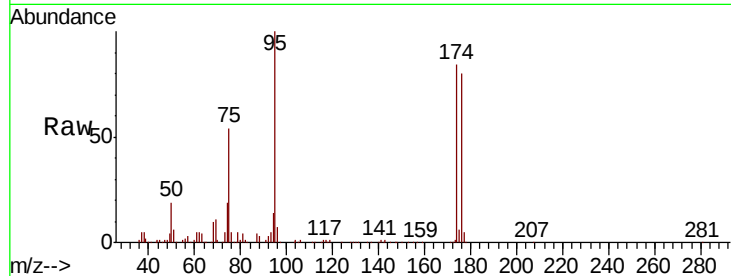




#62
4-Bromofluorobenzene
Concen: 31.059 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

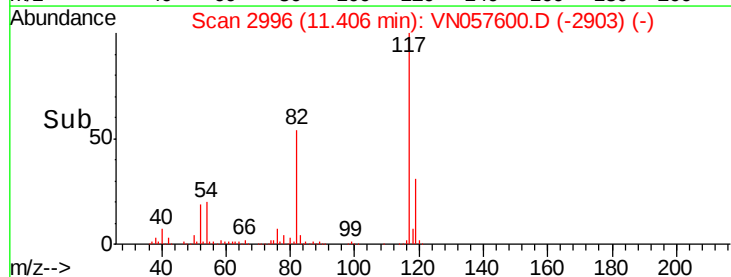
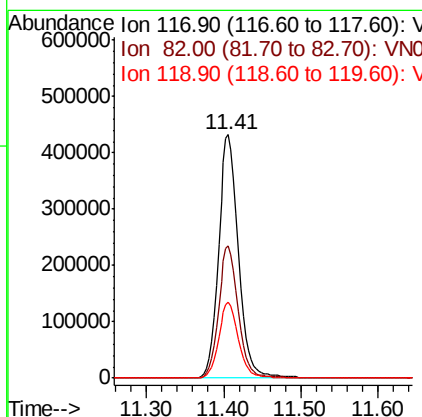
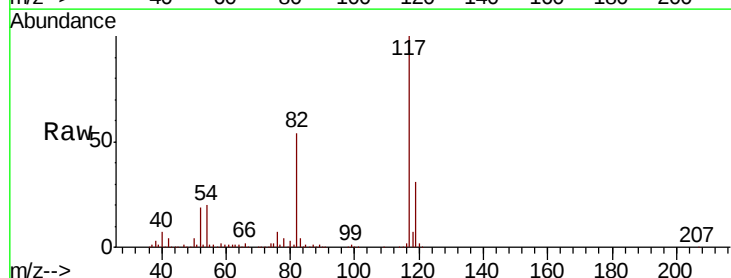
Instrument :
MSVOA_N
ClientSampleId :
T4-S-D1-(0)

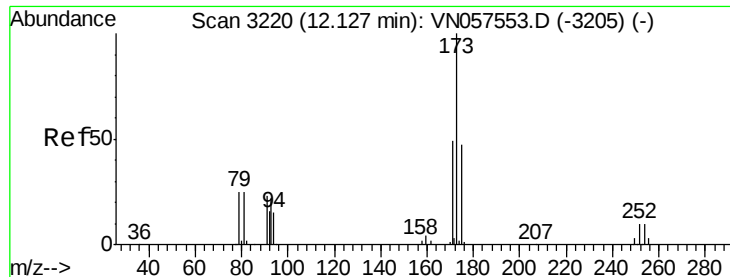
Tgt Ion: 95 Resp: 295518
Ion Ratio Lower Upper
95 100
174 84.0 0.0 133.0
176 81.2 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057600.D
Acq: 30 Aug 2019 20:28

Tgt Ion: 117 Resp: 776754
Ion Ratio Lower Upper
117 100
82 54.2 50.6 75.8
119 31.2 24.6 36.8





#71

Bromoform

Concen: 0.462 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

T4-S-D1-(0)

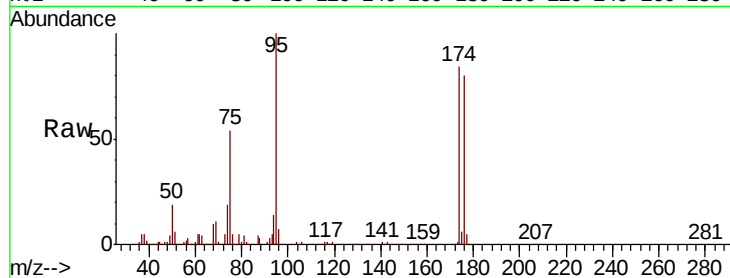
Tgt Ion:173 Resp: 2370

Ion Ratio Lower Upper

173 100

175 614.3 23.9 71.8#

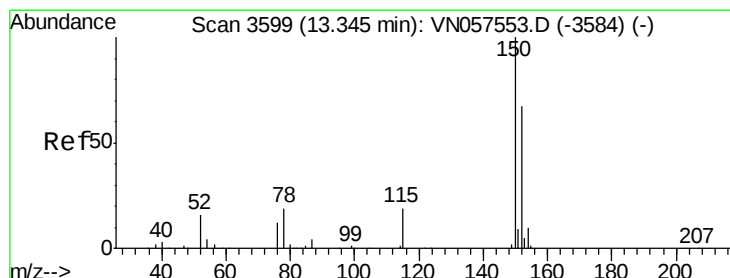
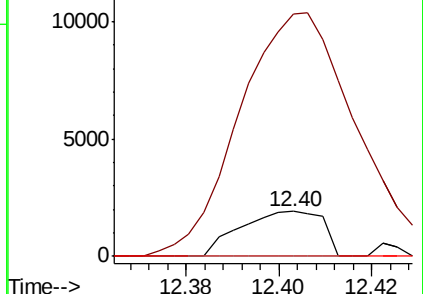
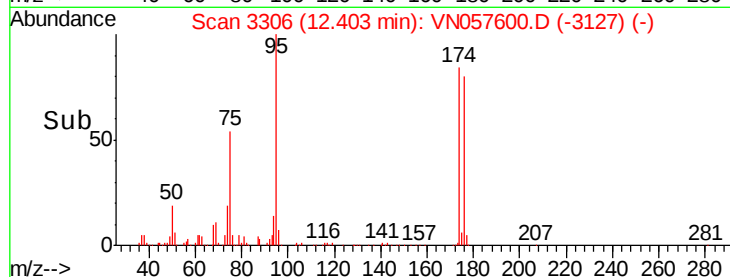
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

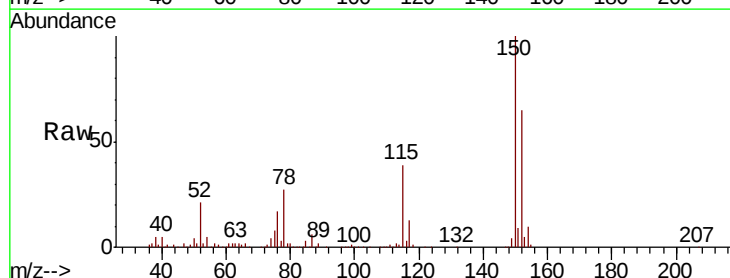
Tgt Ion:152 Resp: 204584

Ion Ratio Lower Upper

152 100

115 59.0 32.0 96.0

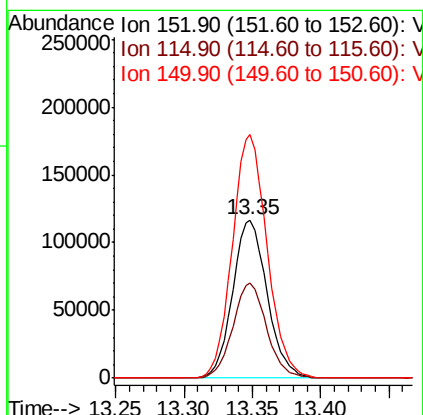
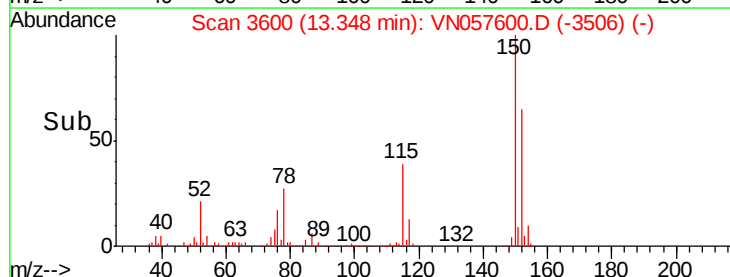
150 155.1 0.0 346.6

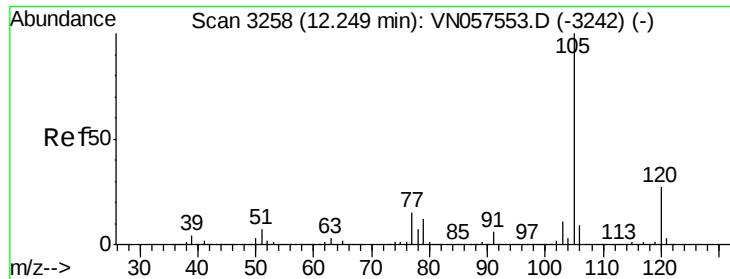


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

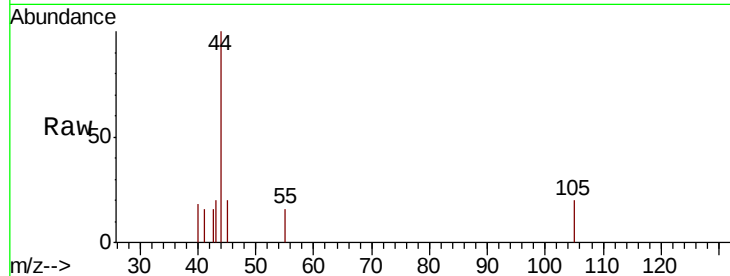
T4-S-D1-(0)

Tgt Ion: 105 Resp: 113

Ion Ratio Lower Upper

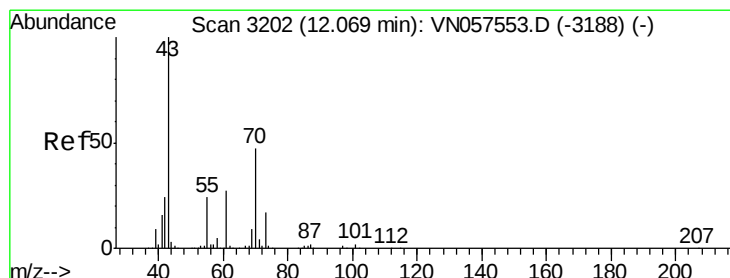
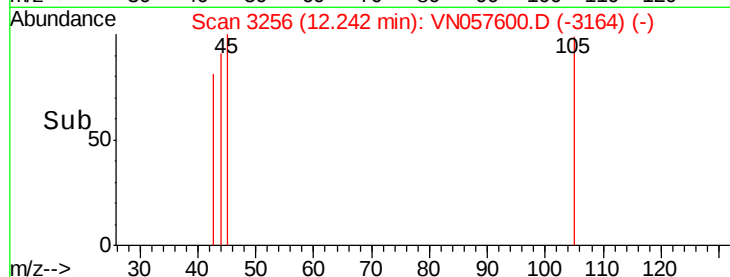
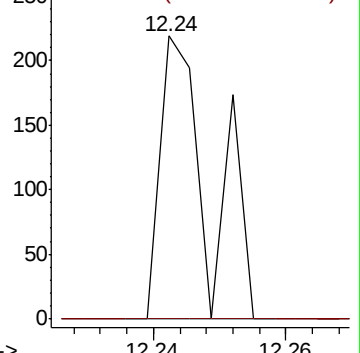
105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Tgt Ion: 43 Resp: 3141

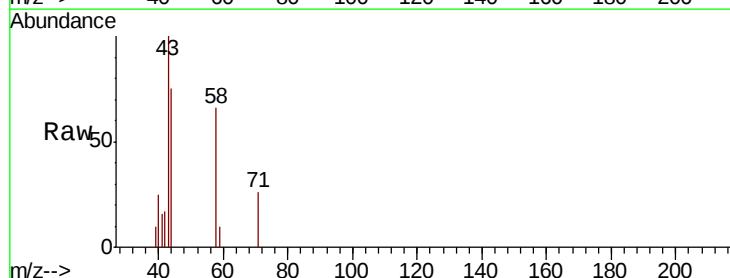
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 3.3 17.0 25.4#

61 0.0 17.0 25.6#

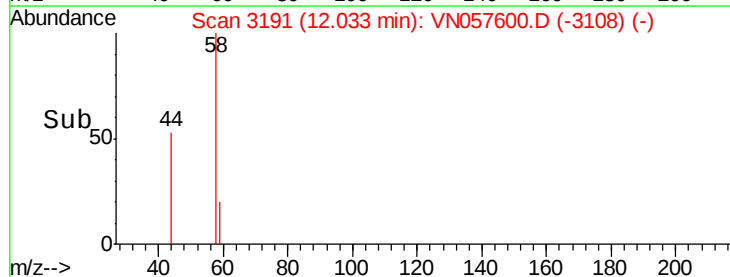
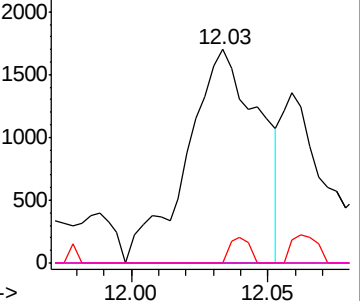


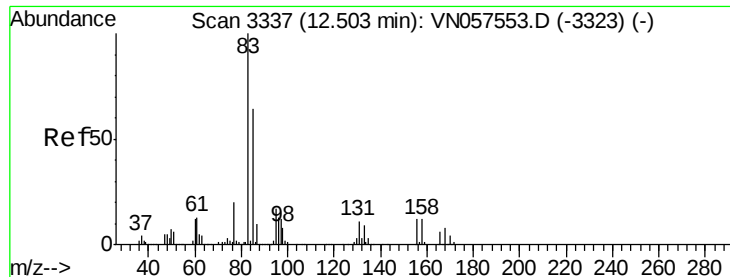
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)

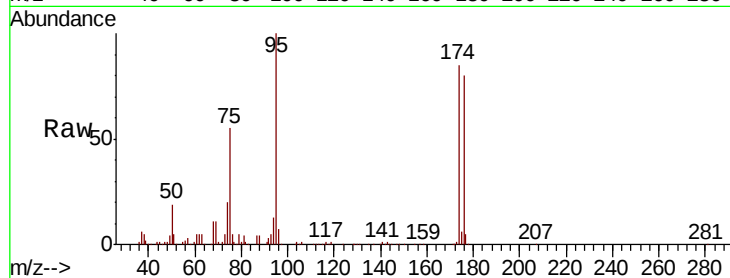
Tgt Ion: 83 Resp: 348

Ion Ratio Lower Upper

83 100

131 89.4 4.3 13.1#

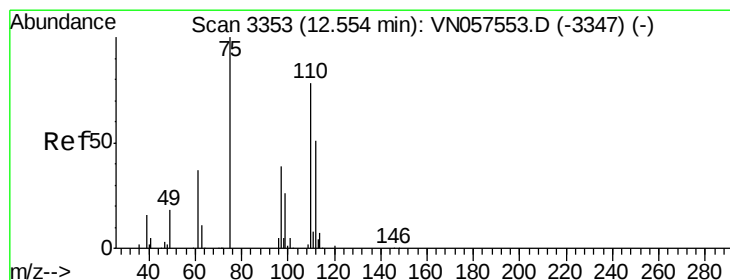
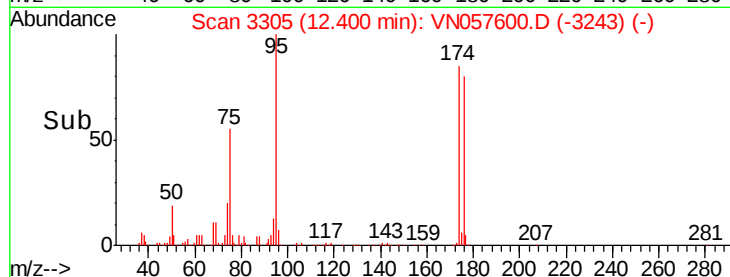
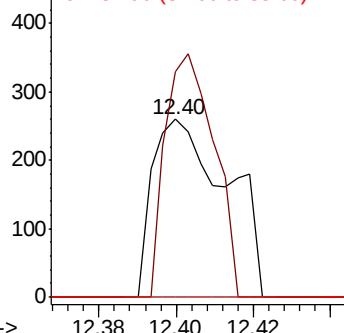
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 42.326 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057600.D

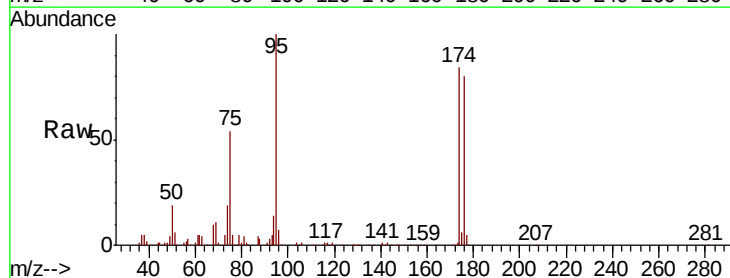
Acq: 30 Aug 2019 20:28

Tgt Ion: 75 Resp: 161180

Ion Ratio Lower Upper

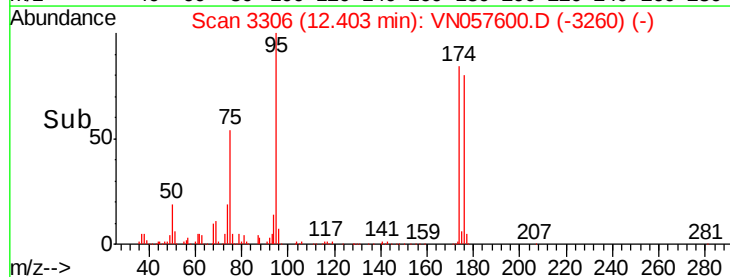
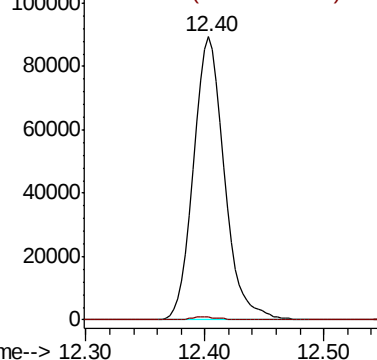
75 100

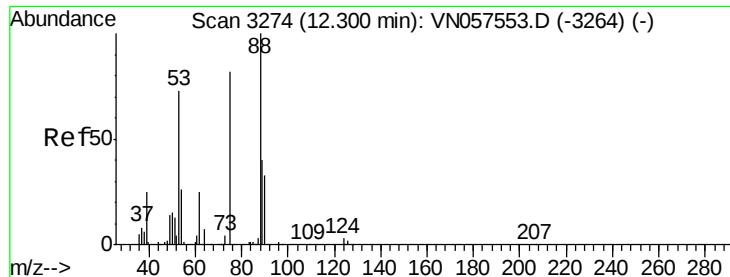
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 118.464 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)

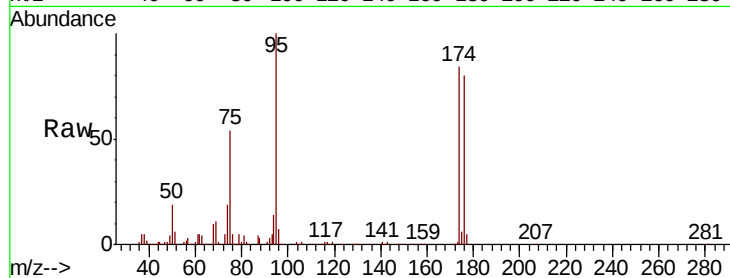
Tgt Ion: 75 Resp: 161180

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

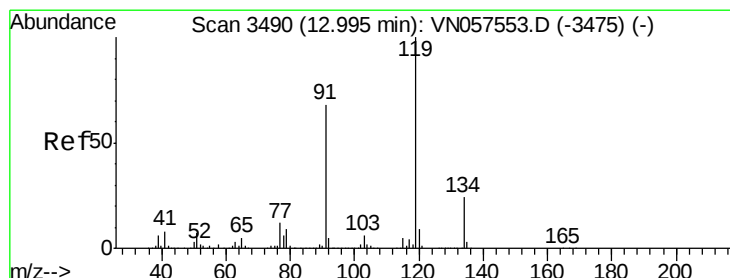
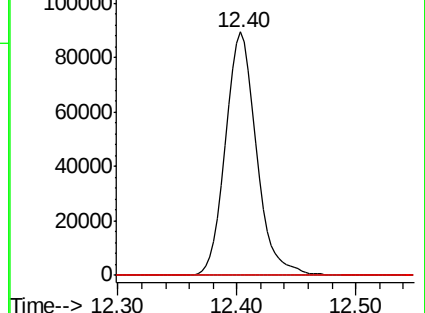
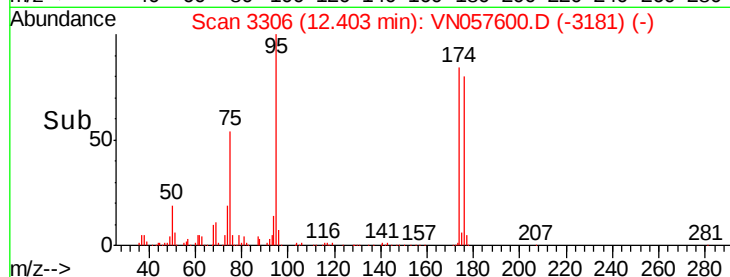
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057600.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057600.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057600.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.95 min Scan# 3477

Delta R.T. -0.04 min

Lab File: VN057600.D

Acq: 30 Aug 2019 20:28

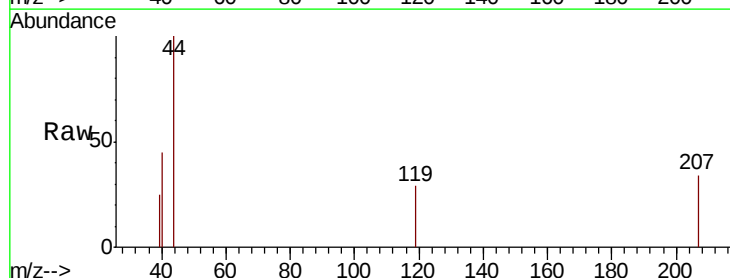
Tgt Ion: 119 Resp: 83

Ion Ratio Lower Upper

119 100

91 0.0 37.0 111.0#

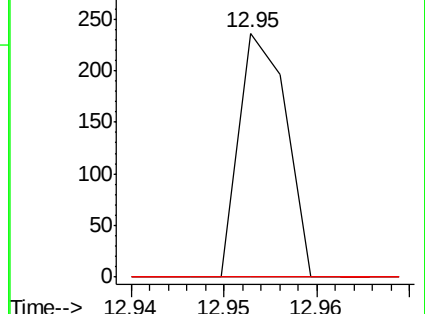
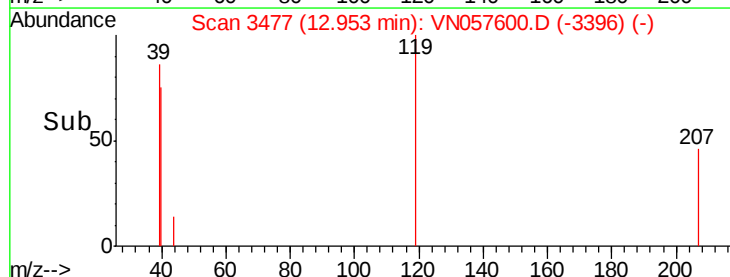
134 0.0 12.2 36.6#

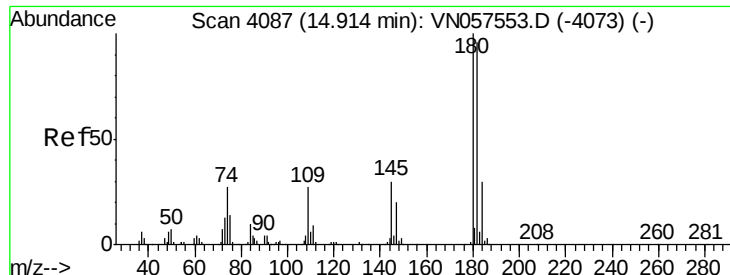


Abundance Ion 119.00 (118.70 to 119.70): VN057600.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN057600.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN057600.D (-3396) (-)





#93
 1,2,4-Trichlorobenzene
 Concen: 3.932 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057600.D
 Acq: 30 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	137.5	46.7	140.1
145	0.0	15.6	46.8#

