

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057596.D
 Acq On : 30 Aug 2019 18:47
 Operator : JC/SP
 Sample : K4517-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

Quant Time: Aug 31 00:49:24 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	598449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	935955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	213584	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	353739	36.11	ug/l	0.00
Spiked Amount			Recovery	=	72.22%	
35) Dibromofluoromethane	7.58	113	281843	33.69	ug/l	0.00
Spiked Amount			Recovery	=	67.38%	
50) Toluene-d8	10.08	98	1125439	38.03	ug/l	0.00
Spiked Amount			Recovery	=	76.06%	
62) 4-Bromofluorobenzene	12.40	95	297868	29.99	ug/l	0.00
Spiked Amount			Recovery	=	59.98%	

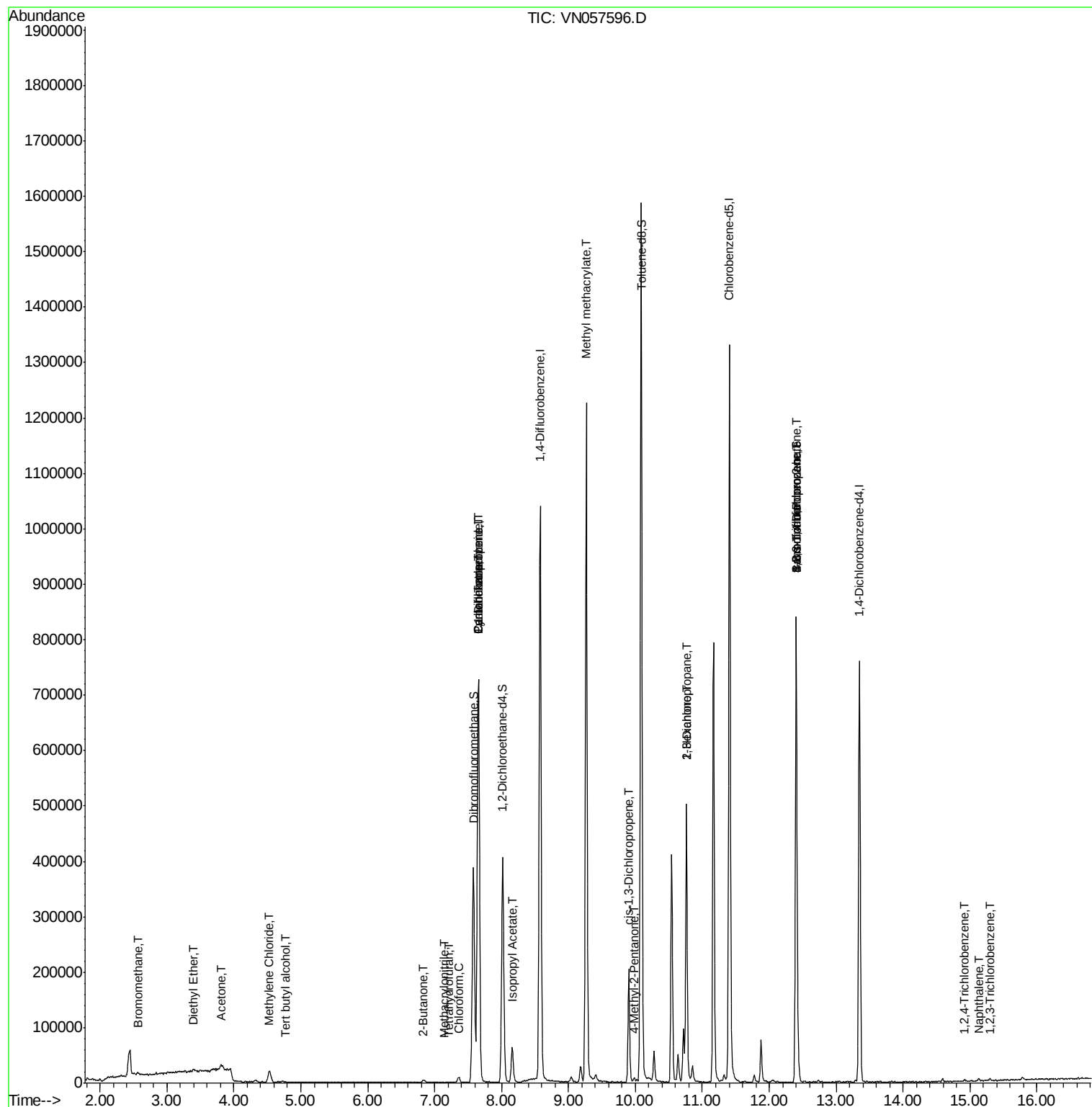
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	3094	0.363	ug/l	97
8) Diethyl Ether	3.40	74	2012	0.294	ug/l	81
11) Tert butyl alcohol	4.76	59	337	0.349	ug/l #	93
16) Acetone	3.81	43	11989	3.028	ug/l	99
18) Methyl Acetate	4.32	43	5448	Below Cal	#	84
20) Methylene Chloride	4.53	84	15139	2.064	ug/l #	80
25) 2-Butanone	6.82	43	627	0.201	ug/l #	53
29) Tetrahydrofuran	7.21	42	393	0.201	ug/l #	38
30) Chloroform	7.36	83	9538	0.627	ug/l	99
31) Cyclohexane	7.65	56	13327	1.171	ug/l #	7
36) 1,1-Dichloropropene	7.65	75	42896	4.237	ug/l #	51
38) Carbon Tetrachloride	7.65	117	57452	4.852	ug/l #	15
41) Methacrylonitrile	7.16	41	59	1.285	ug/l #	1
43) Isopropyl Acetate	8.16	43	75743	6.049	ug/l #	95
48) Methyl methacrylate	9.26	41	114247	19.319	ug/l #	51
51) 4-Methyl-2-Pentanone	9.98	43	5453	0.815	ug/l #	87
54) cis-1,3-Dichloropropene	9.90	75	37686	3.074	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	5296	0.429	ug/l #	43
59) 2-Hexanone	10.76	43	68171	14.755	ug/l #	59
71) Bromoform	12.40	173	1652	0.314	ug/l #	1
73) Isopropylbenzene	12.26	105	546	Below Cal	#	50
74) N-amyl acetate	12.04	43	1552	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.41	83	536	Below Cal	#	27
76) 1,2,3-Trichloropropane	12.40	75	165342	41.528	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	165342	116.403	ug/l #	8
83) tert-Butylbenzene	13.00	119	726	Below Cal	#	57
93) 1,2,4-Trichlorobenzene	14.92	180	1244	4.171	ug/l	78
95) Naphthalene	15.13	128	4068	0.576	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.30	180	1532	0.635	ug/l #	78

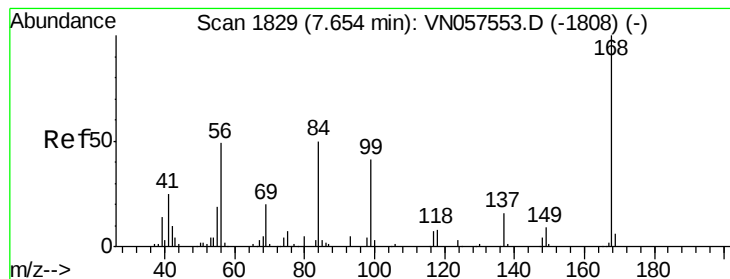
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

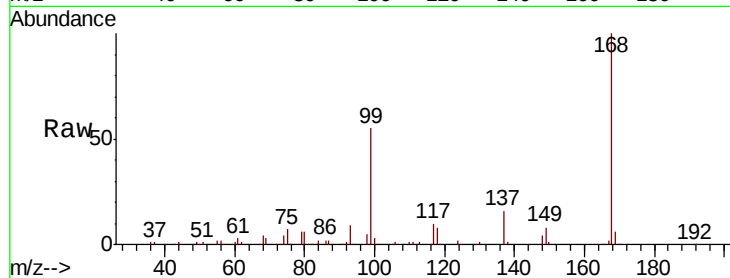
T2-S-A1-(0)

Tgt Ion:168 Resp: 598449

Ion Ratio Lower Upper

168 100

99 55.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

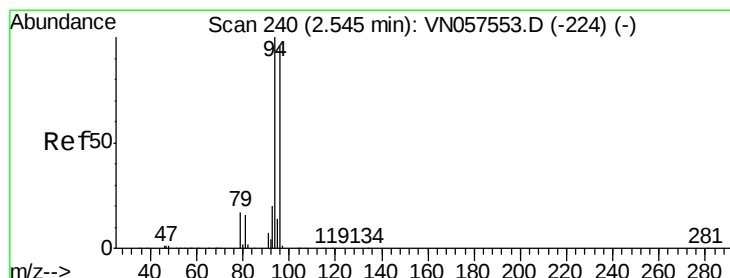
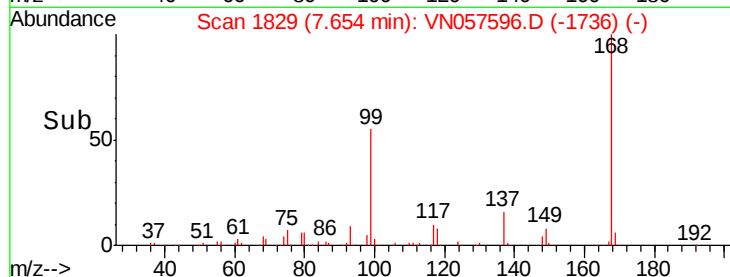
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.363 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN057596.D

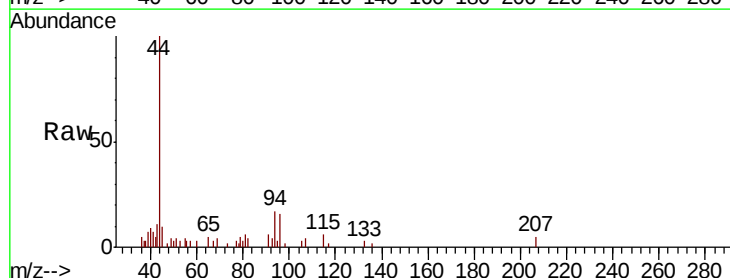
Acq: 30 Aug 2019 18:47

Tgt Ion: 94 Resp: 3094

Ion Ratio Lower Upper

94 100

96 92.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN057553.D (-224) (-)

Ion 95.90 (95.60 to 96.60): VN057553.D (-224) (-)

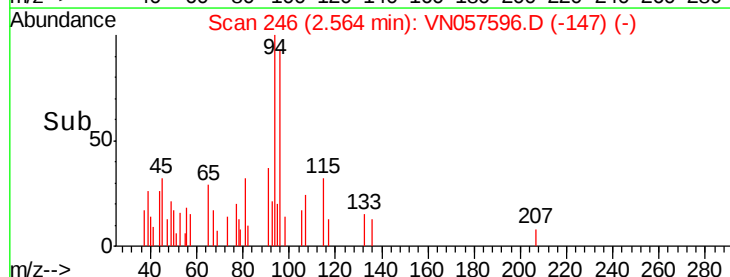
2.56

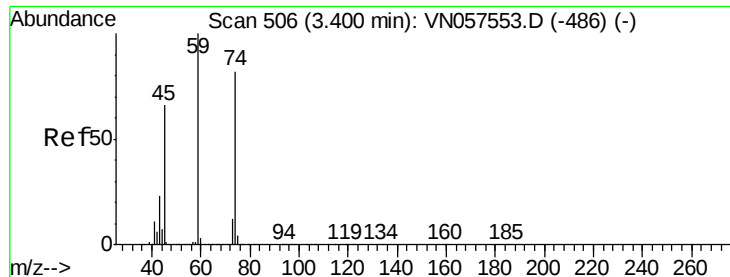
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.294 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

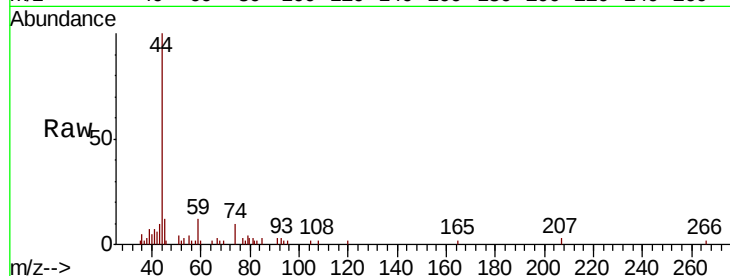
T2-S-A1-(0)

Tgt Ion: 74 Resp: 2012

Ion Ratio Lower Upper

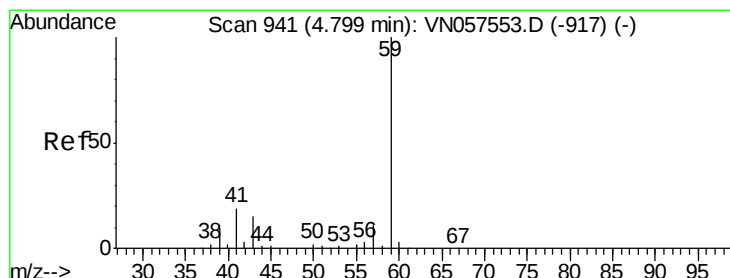
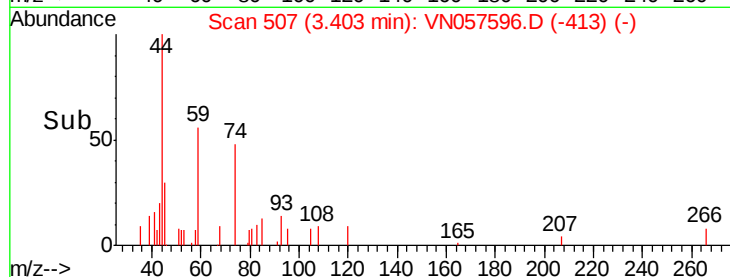
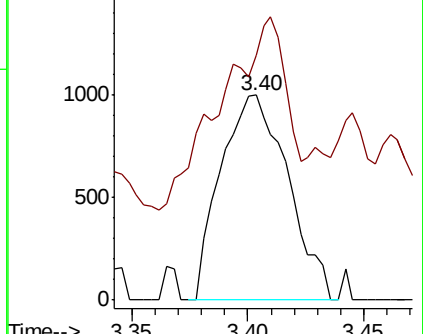
74 100

45 94.5 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.349 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.04 min

Lab File: VN057596.D

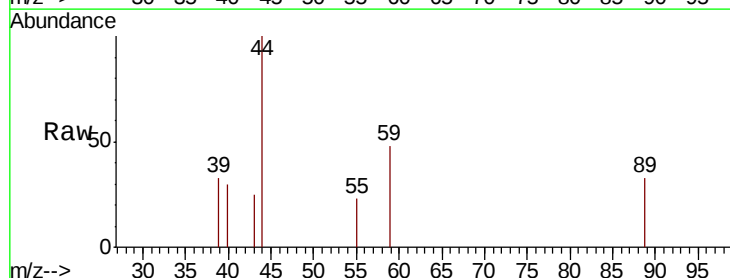
Acq: 30 Aug 2019 18:47

Tgt Ion: 59 Resp: 337

Ion Ratio Lower Upper

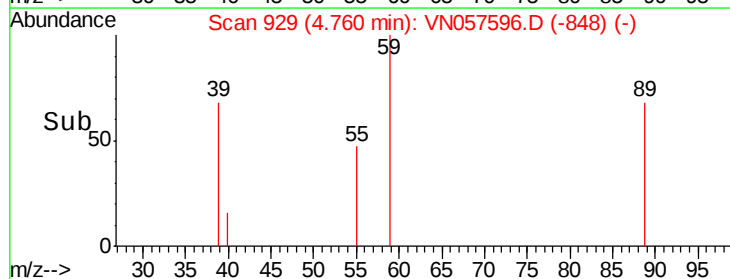
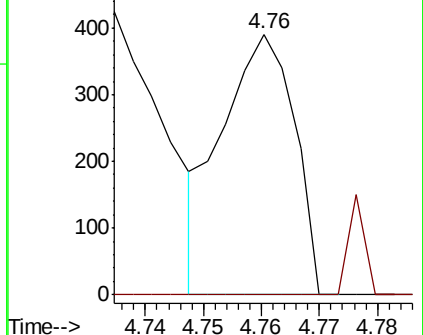
59 100

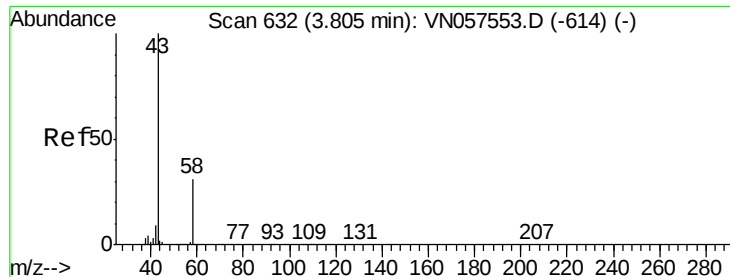
57 8.6 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 3.028 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

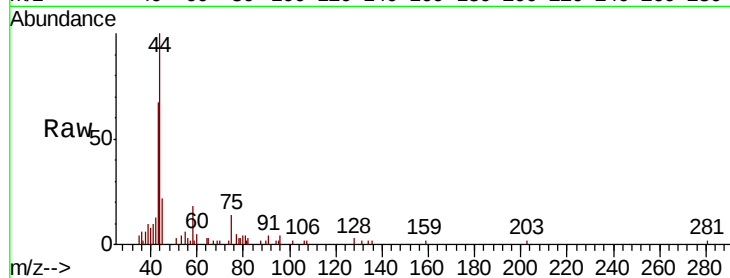
T2-S-A1-(0)

Tgt Ion: 43 Resp: 11989

Ion Ratio Lower Upper

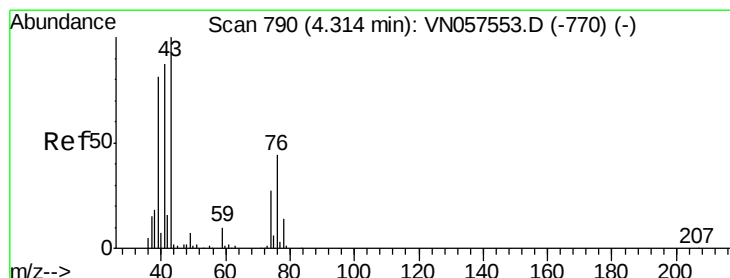
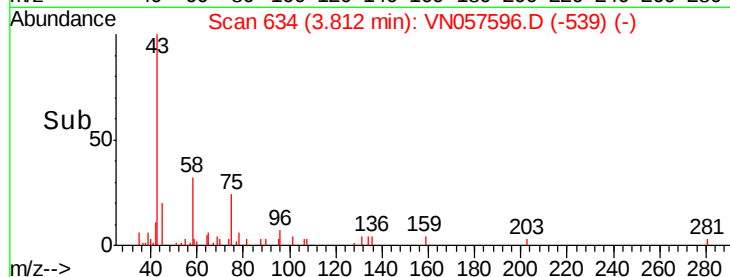
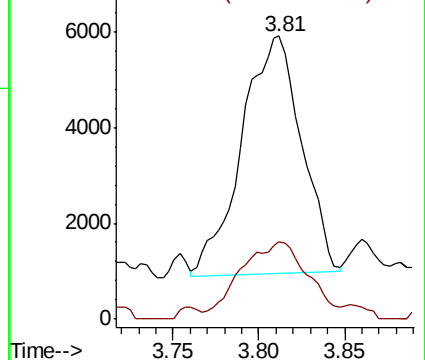
43 100

58 28.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN057596.D

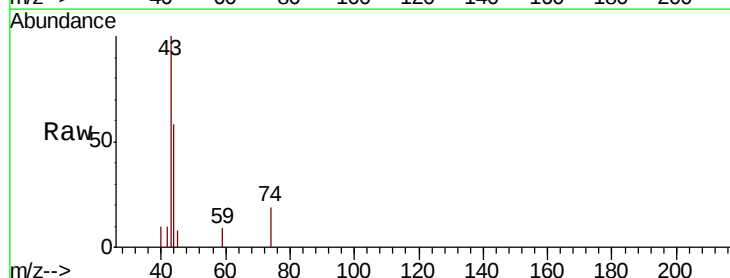
Acq: 30 Aug 2019 18:47

Tgt Ion: 43 Resp: 5448

Ion Ratio Lower Upper

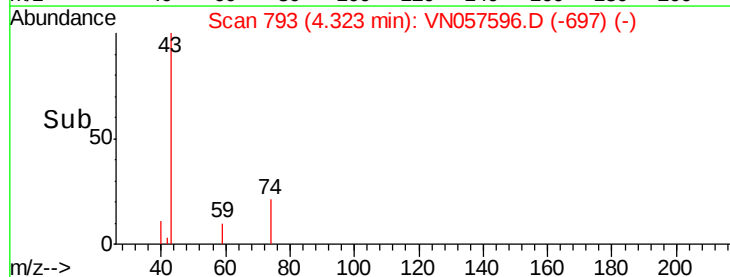
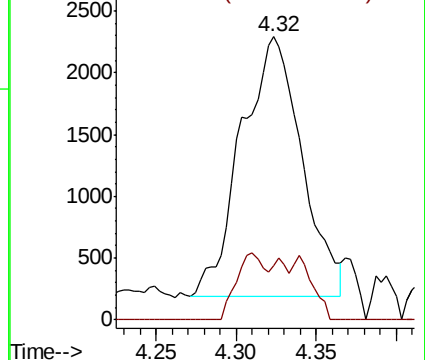
43 100

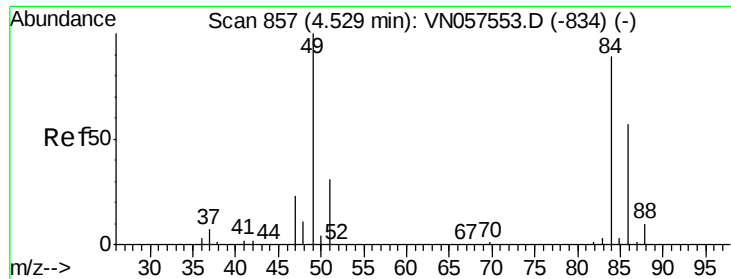
74 12.4 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

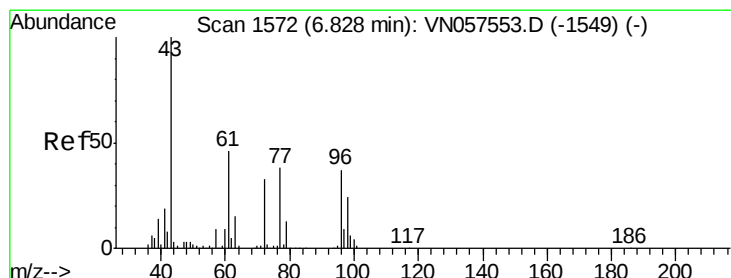
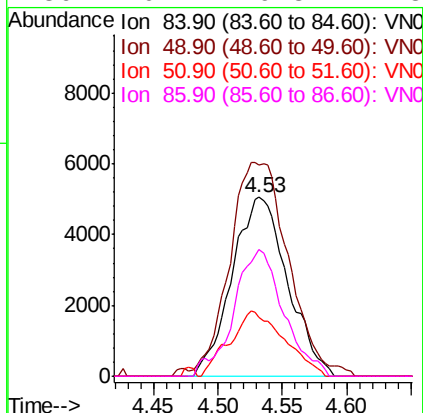
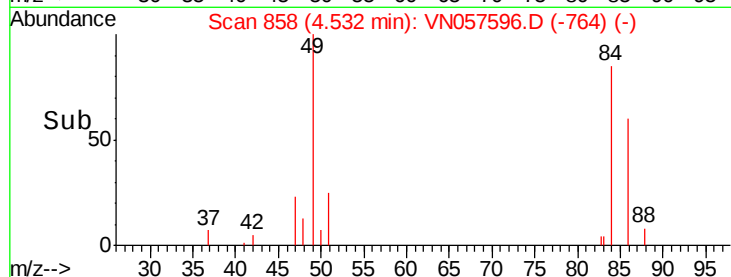
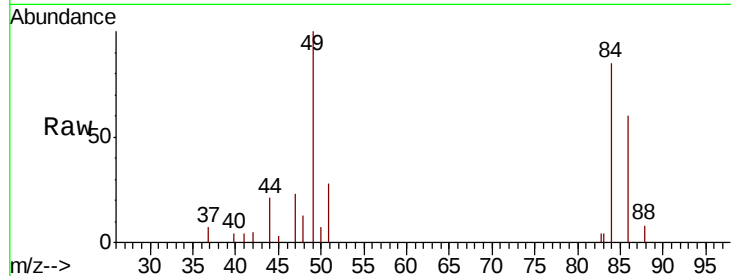




#20
Methylene Chloride
Concen: 2.064 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

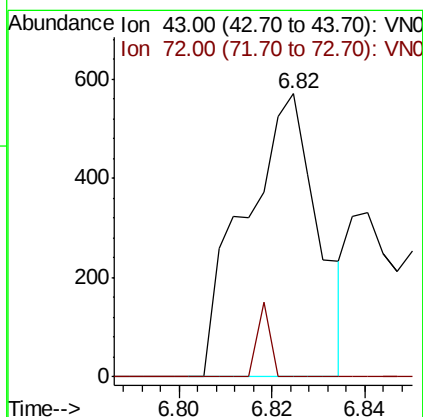
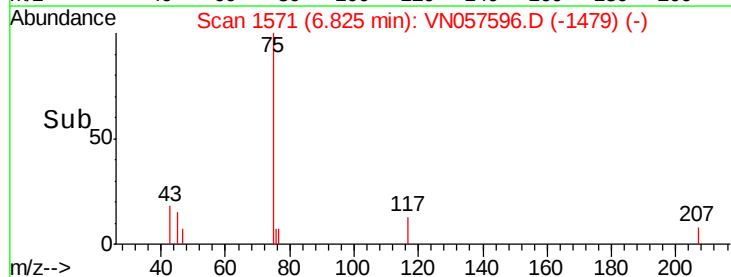
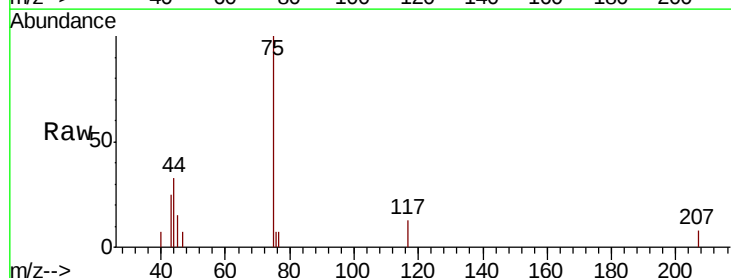
Instrument :
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ClientSampleId :
T2-S-A1-(0)

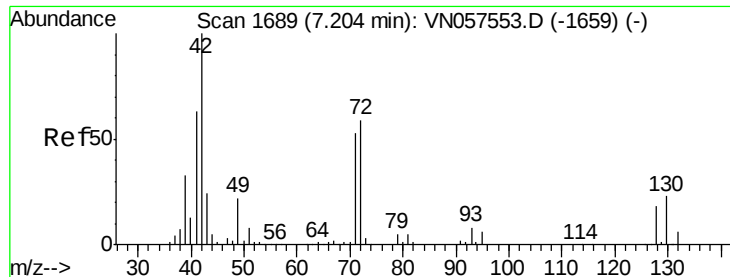
Tgt Ion: 84 Resp: 15139
Ion Ratio Lower Upper
84 100
49 115.0 117.0 175.4#
51 32.9 35.5 53.3#
86 70.7 49.8 74.8



#25
2-Butanone
Concen: 0.201 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#

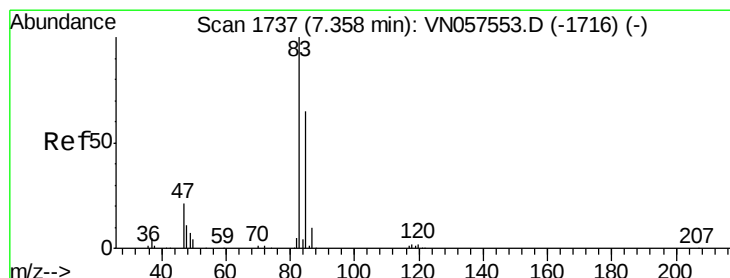
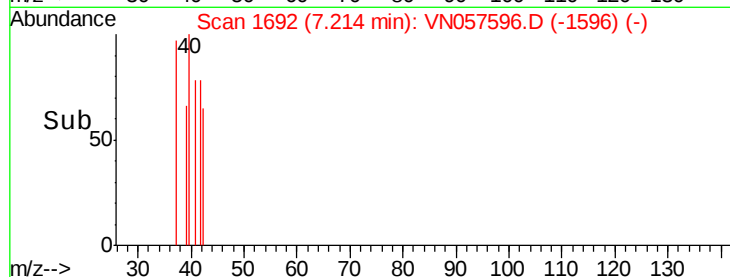
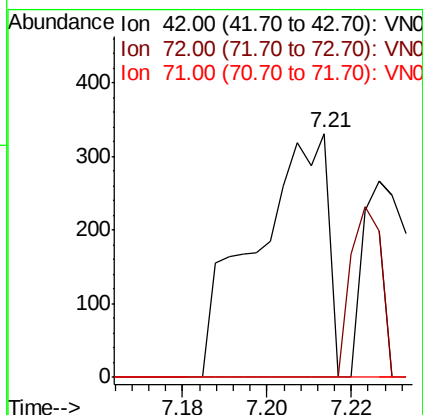
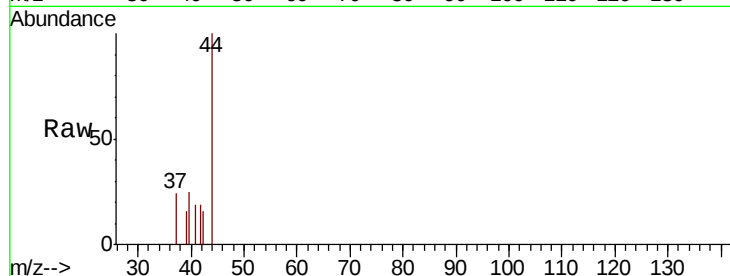




#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

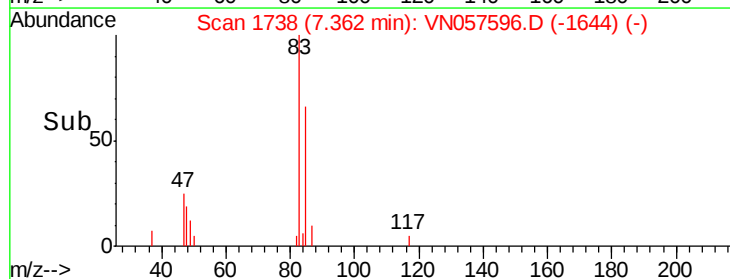
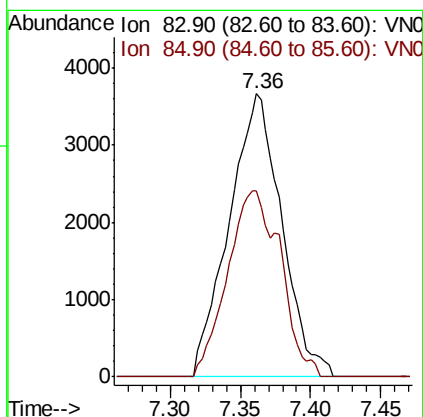
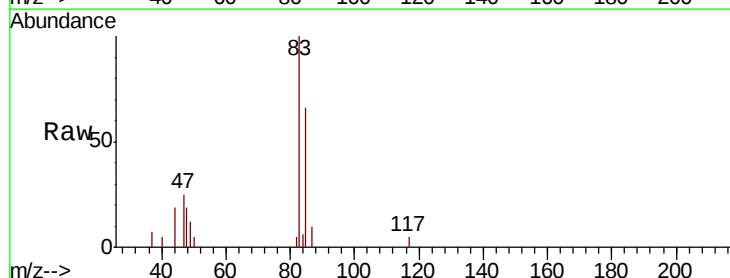
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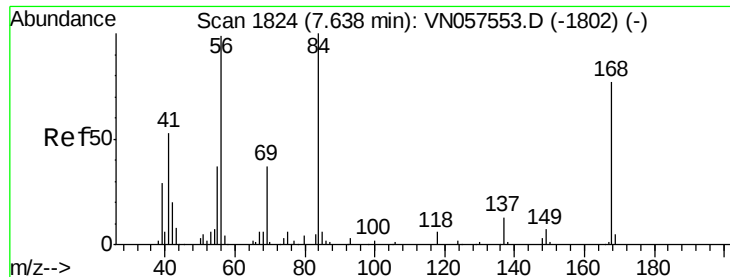
Tgt Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
72 0.0 30.1 45.1#
71 0.0 28.8 43.2#



#30
Chloroform
Concen: 0.627 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion: 83 Resp: 9538
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9

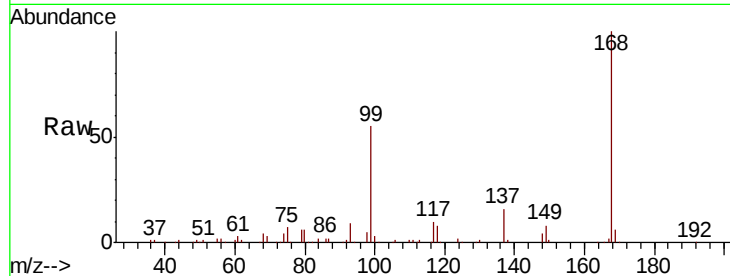




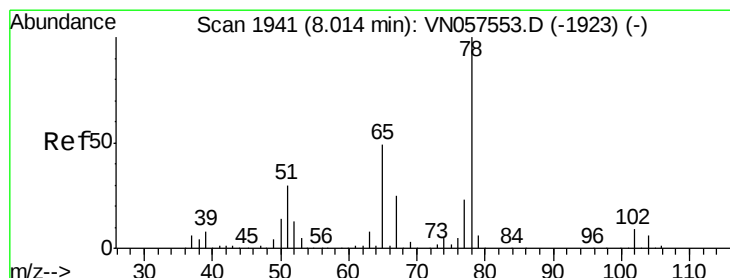
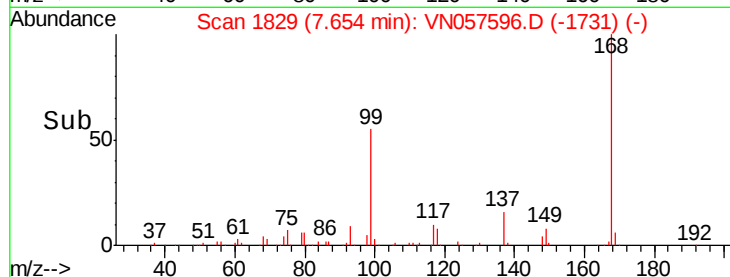
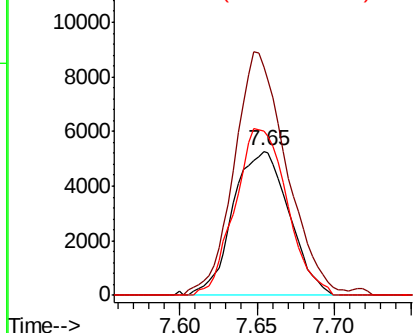
#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Instrument :
MSVOA_N
ClientSampleId :
T2-S-A1-(0)

Tgt Ion: 56 Resp: 13327
Ion Ratio Lower Upper
56 100
69 154.2 25.0 37.6#
84 114.2 62.5 93.7#

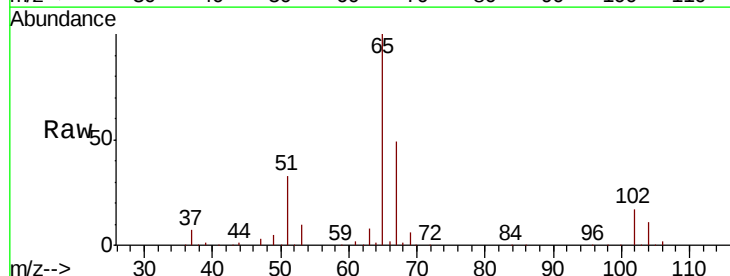


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

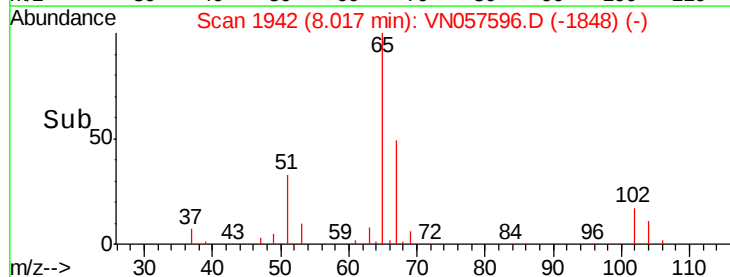
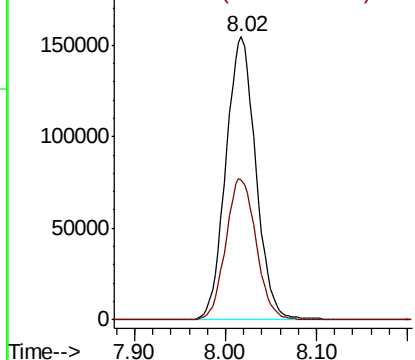


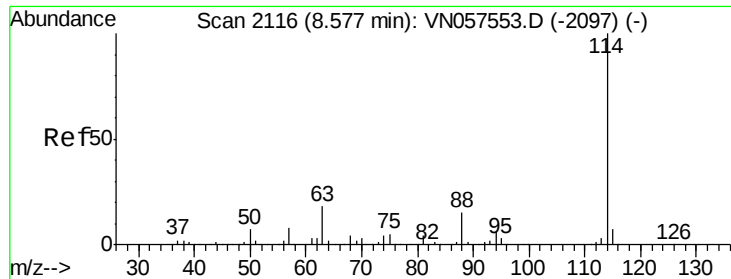
#33
1,2-Dichloroethane-d4
Concen: 36.114 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion: 65 Resp: 353739
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.8



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

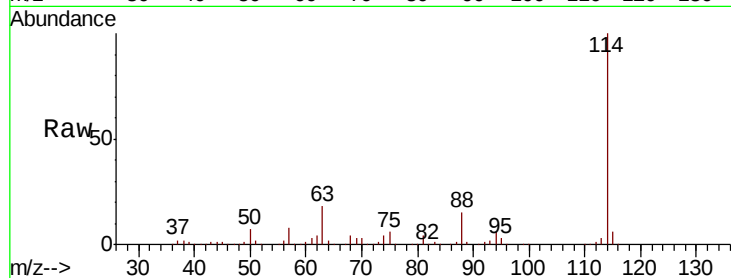




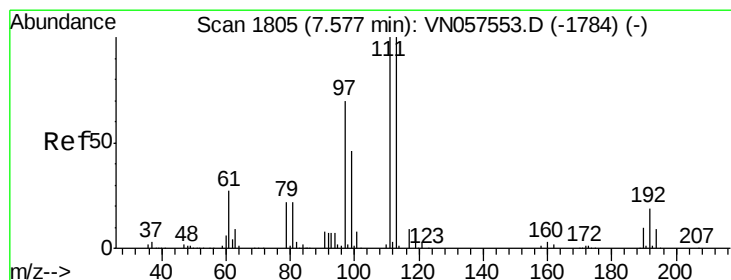
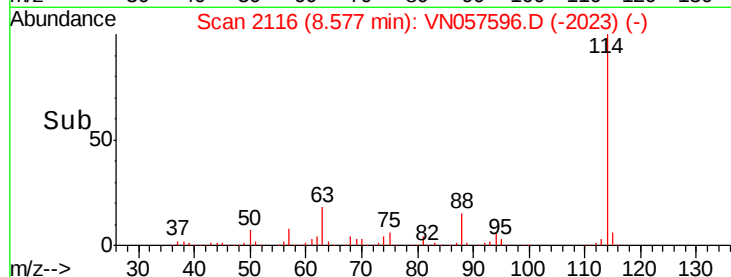
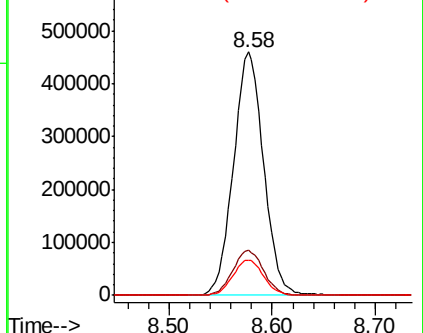
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

Tgt Ion:114 Resp: 935955
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 50.2
 88 14.6 0.0 34.6

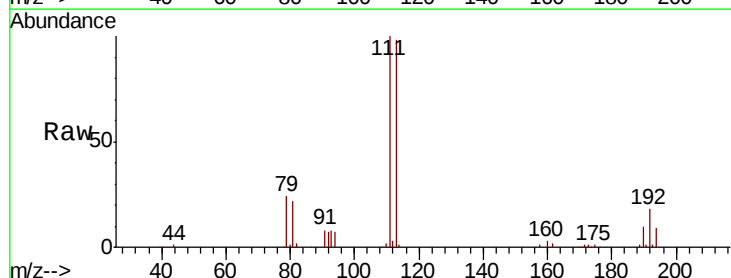


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

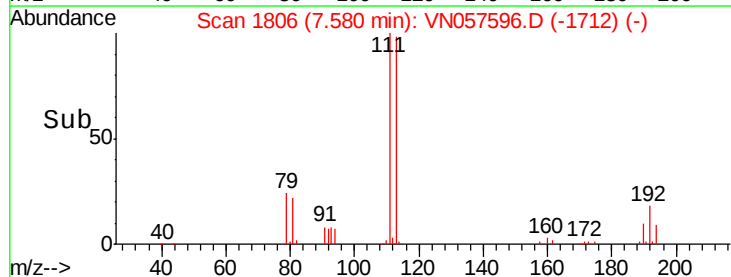
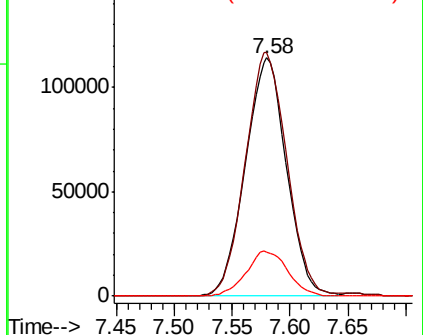


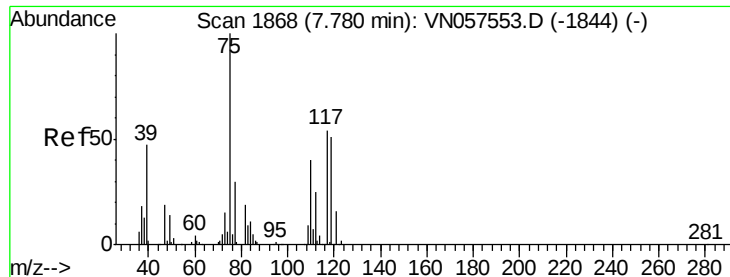
#35
 Dibromofluoromethane
 Concen: 33.691 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion:113 Resp: 281843
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.8 125.6
 192 19.2 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

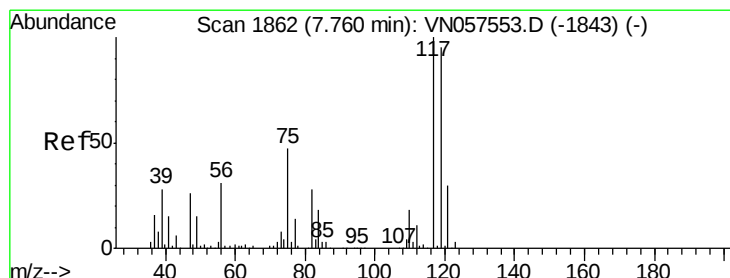
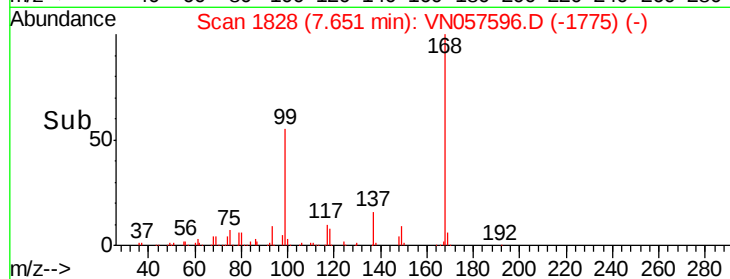
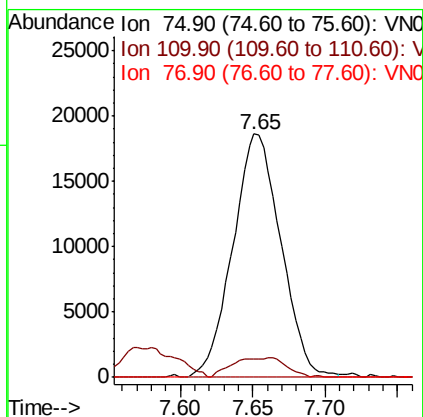
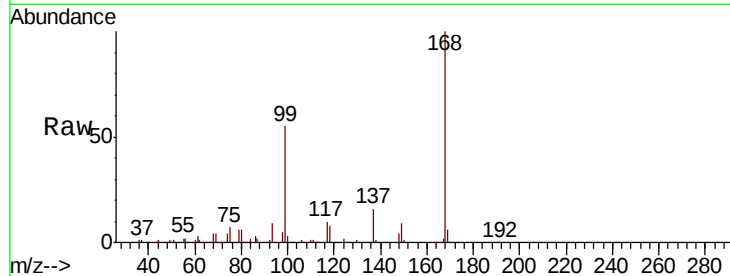




#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

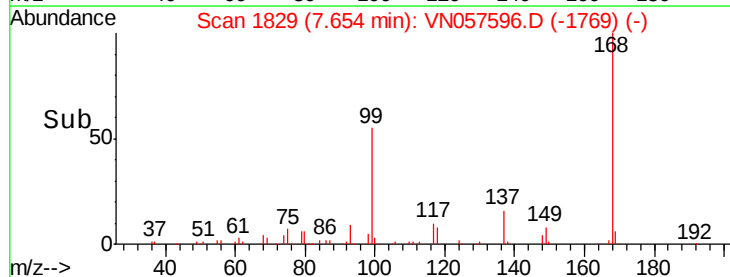
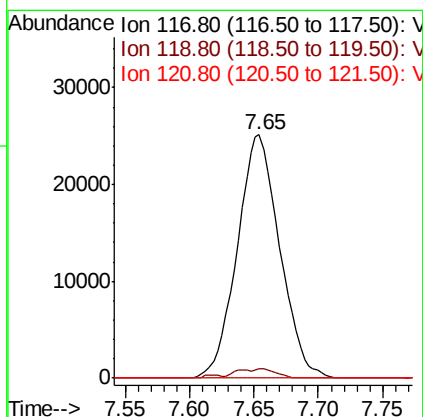
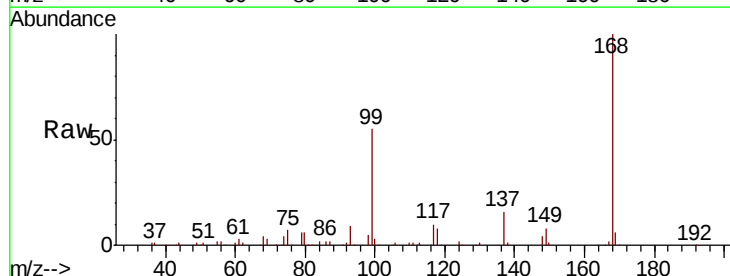
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

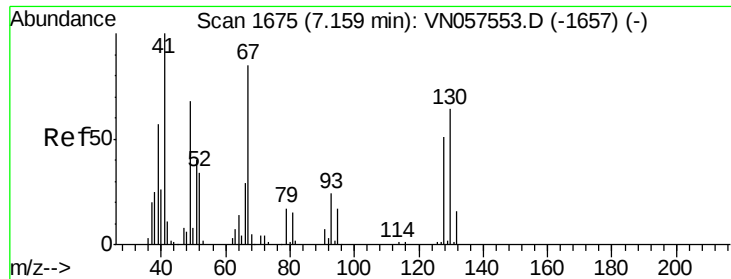
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.1	48.3#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.852 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.2	114.4#
121	0.0	23.8	35.6#

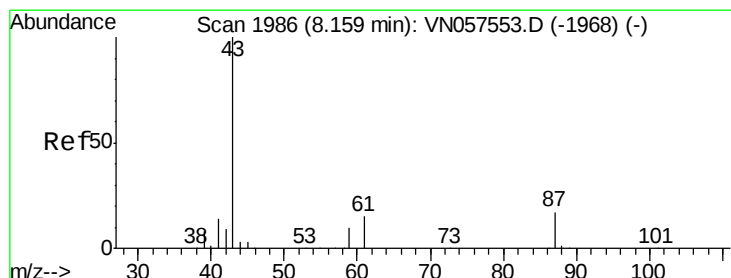
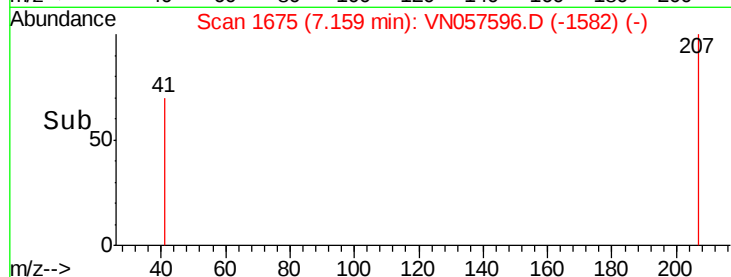
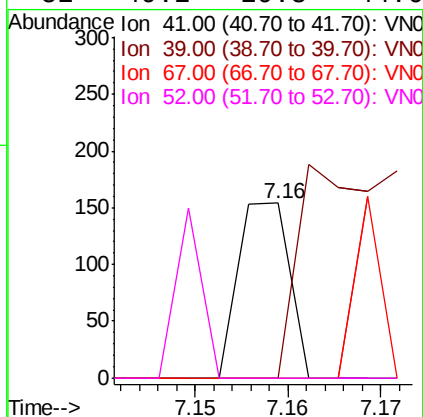
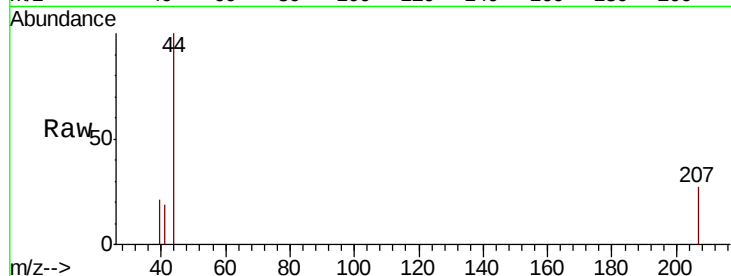




#41
Methacrylonitrile
Concen: 1.285 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

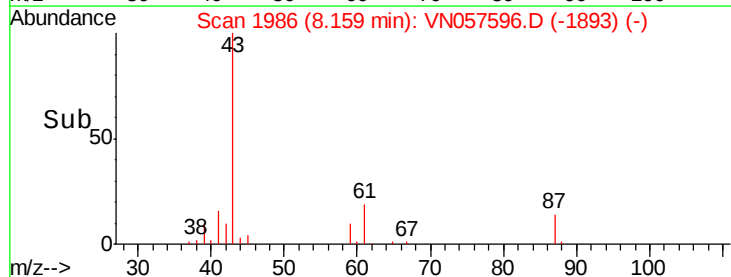
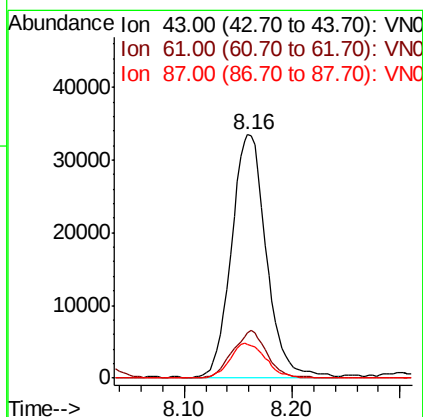
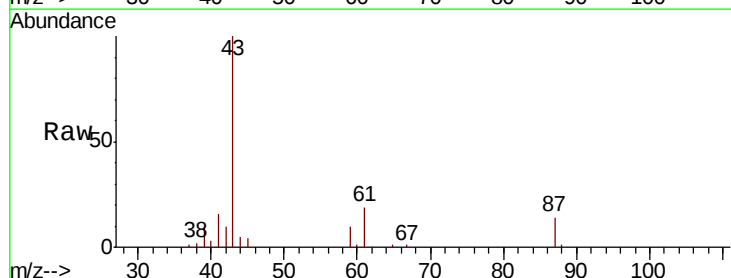
Instrument :
MSVOA_N
ClientSampleId :
T2-S-A1-(0)

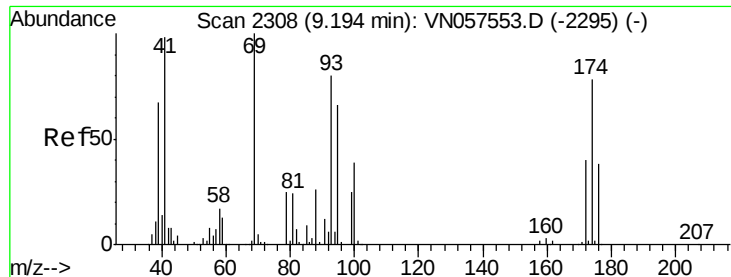
Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
39 281.4 53.6 80.4#
67 52.5 65.4 98.2#
52 49.2 29.8 44.6#



#43
Isopropyl Acetate
Concen: 6.049 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion: 43 Resp: 75743
Ion Ratio Lower Upper
43 100
61 18.7 14.5 21.7
87 14.5 8.6 12.8#

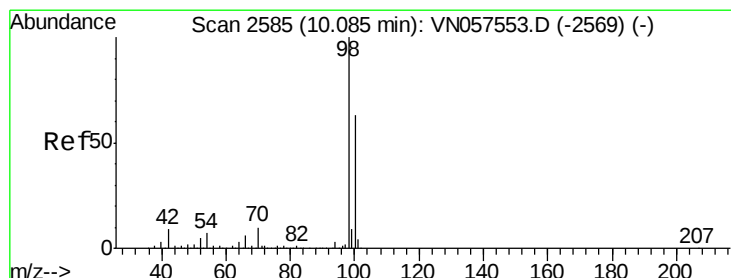
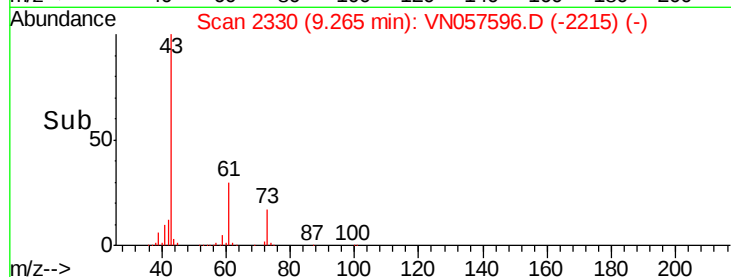
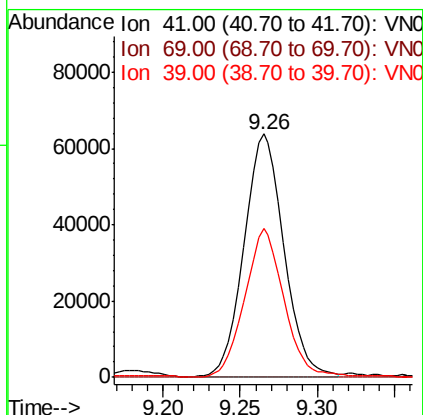
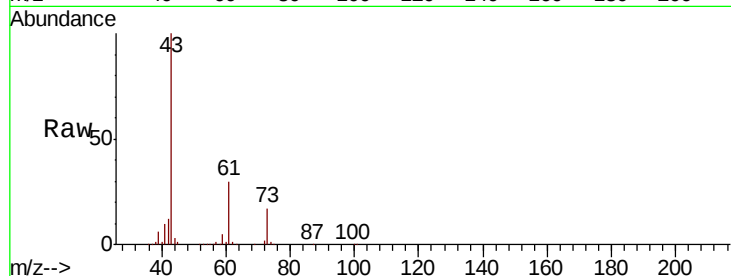




#48
Methyl methacrylate
Concen: 19.319 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

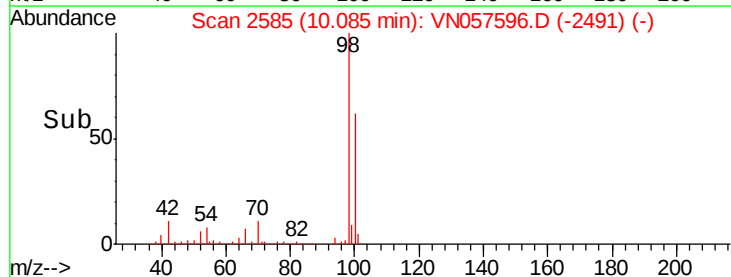
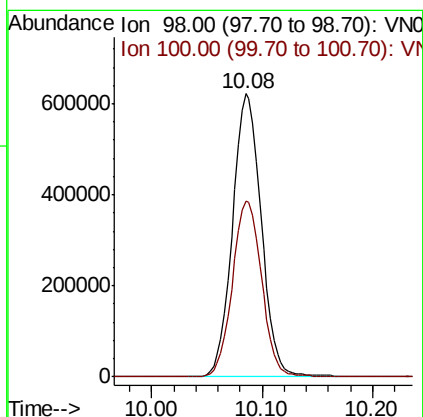
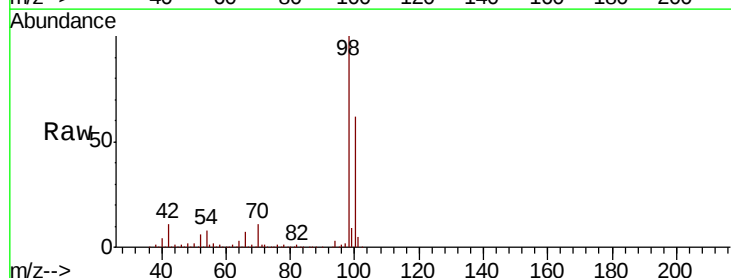
Instrument :
MSVOA_N
ClientSampleId :
T2-S-A1-(0)

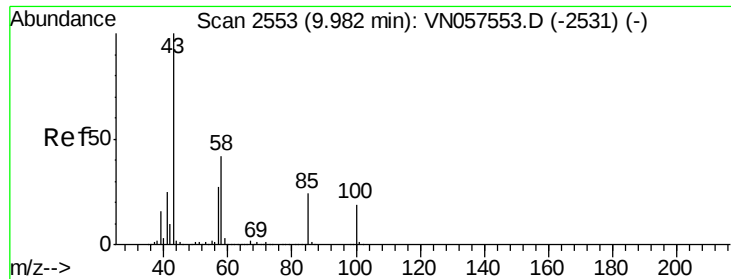
Tgt Ion: 41 Resp: 114247
Ion Ratio Lower Upper
41 100
69 0.1 59.3 88.9#
39 60.8 50.6 75.8



#50
Toluene-d8
Concen: 38.034 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057596.D
Acq: 30 Aug 2019 18:47

Tgt Ion: 98 Resp: 1125439
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6

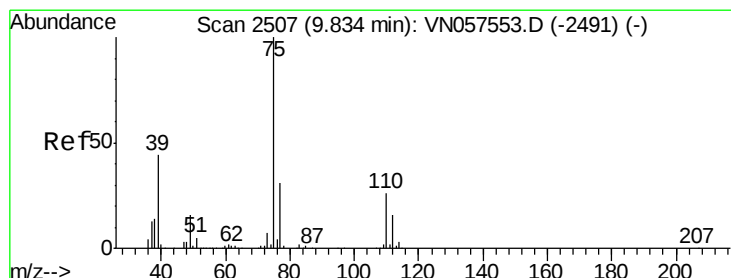
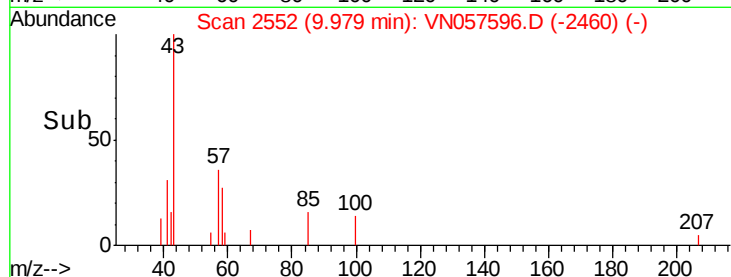
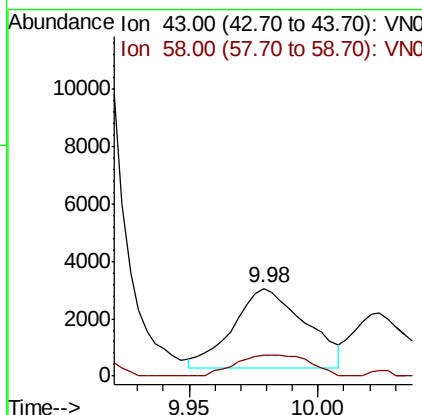
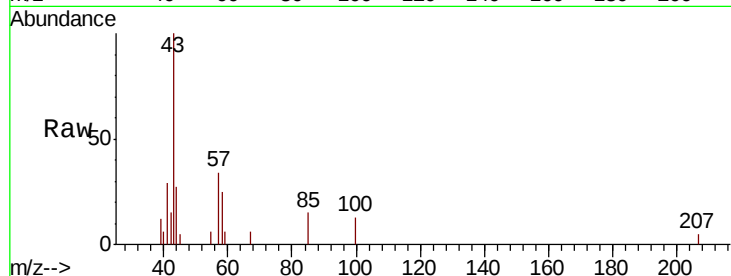




#51
 4-Methyl-2-Pentanone
 Concen: 0.815 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

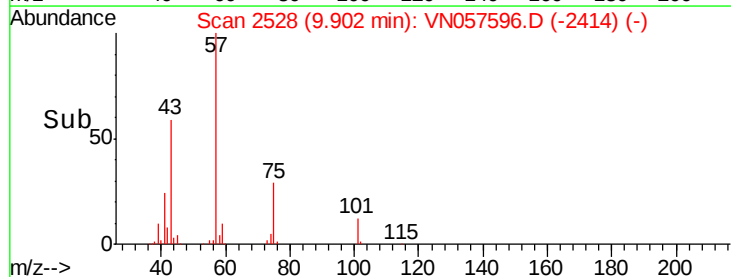
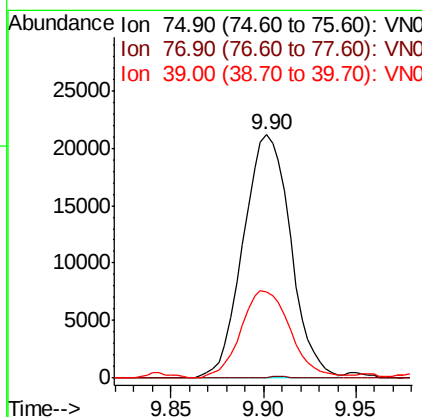
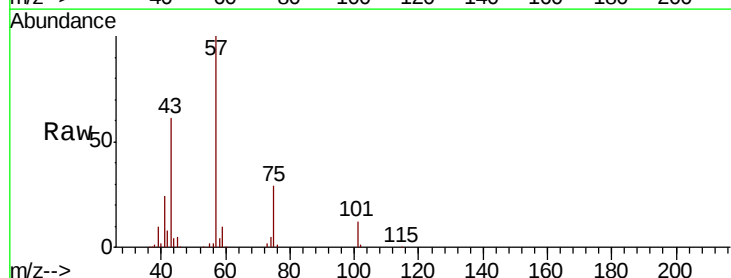
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S-A1-(0)

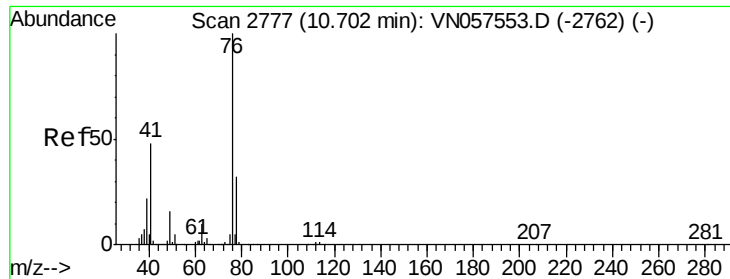
Tgt Ion: 43 Resp: 5453
 Ion Ratio Lower Upper
 43 100
 58 27.1 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 3.074 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion: 75 Resp: 37686
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 35.3 49.2 73.8#

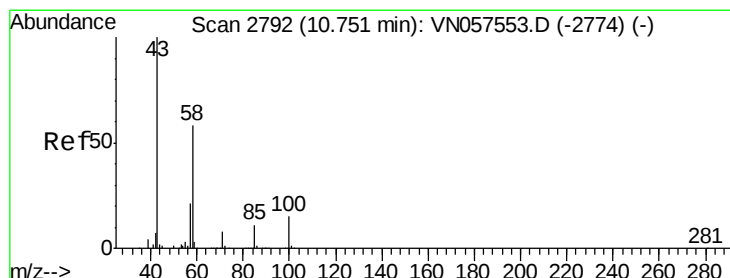
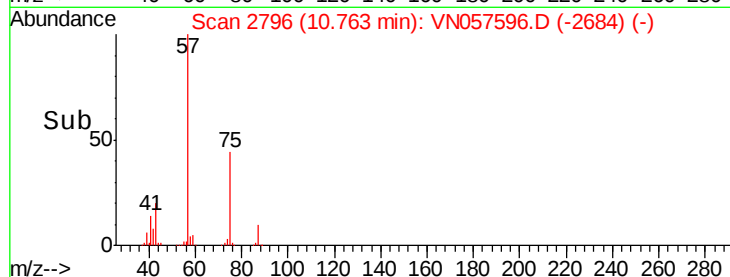
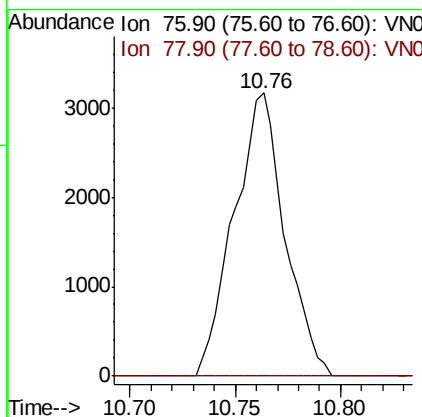
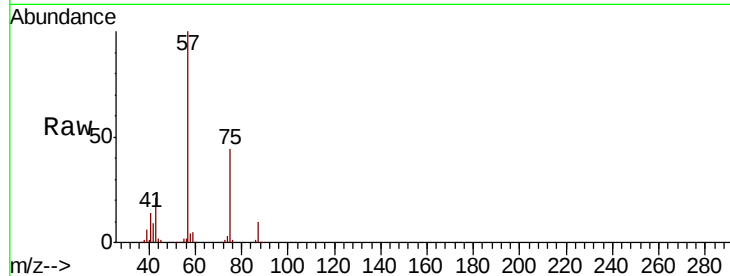




#57
 1,3-Dichloropropane
 Concen: 0.429 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

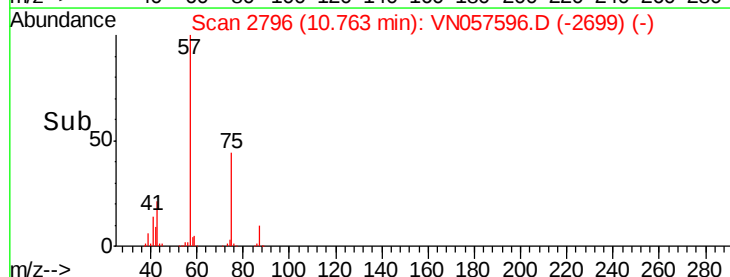
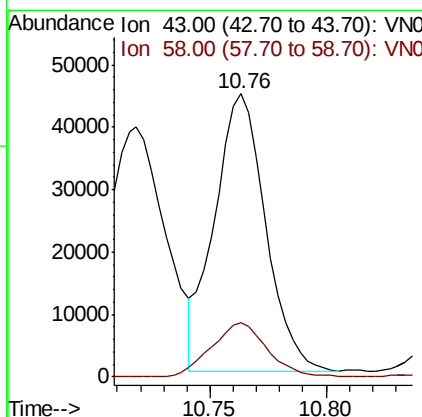
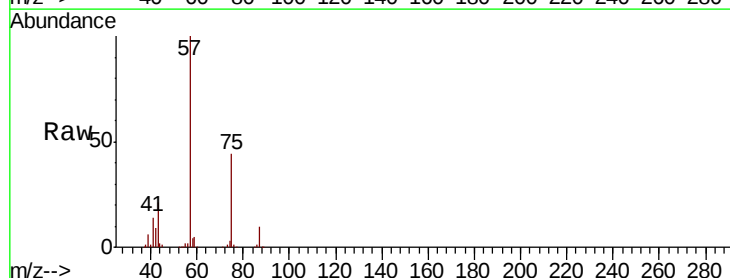
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

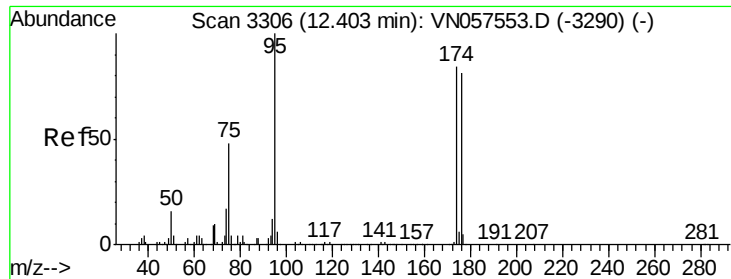
Tgt Ion: 76 Resp: 5296
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 14.755 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion: 43 Resp: 68171
 Ion Ratio Lower Upper
 43 100
 58 21.1 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 29.988 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

T2-S-A1-(0)

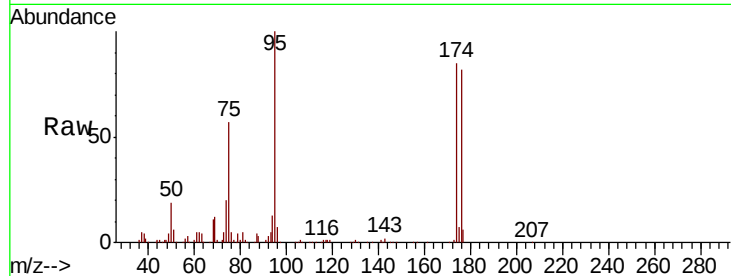
Tgt Ion: 95 Resp: 297868

Ion Ratio Lower Upper

95 100

174 84.7 0.0 133.0

176 81.6 0.0 130.8

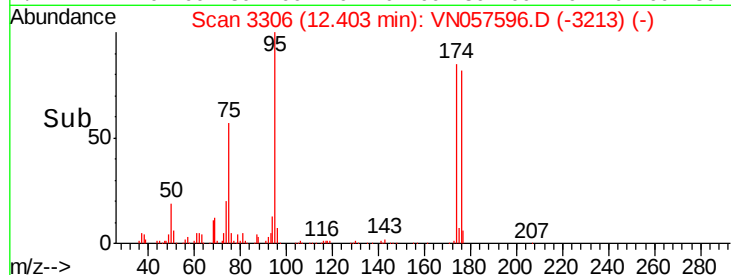


Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

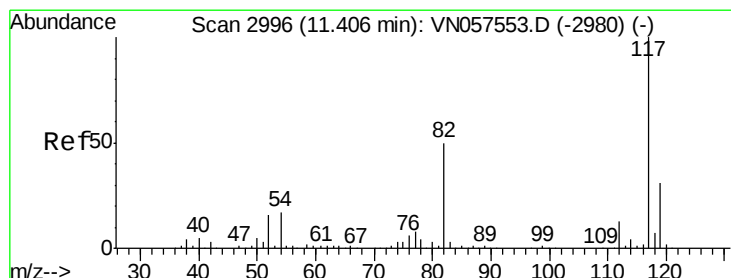
Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

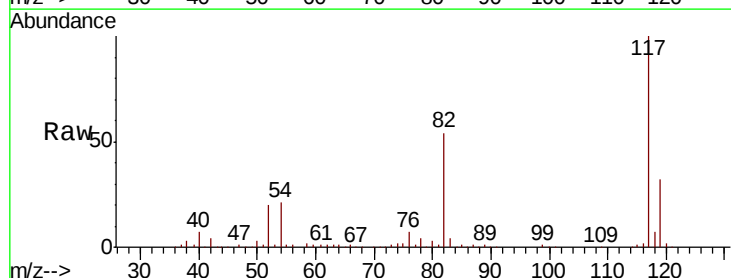
Tgt Ion: 117 Resp: 795428

Ion Ratio Lower Upper

117 100

82 53.6 50.6 75.8

119 31.7 24.6 36.8

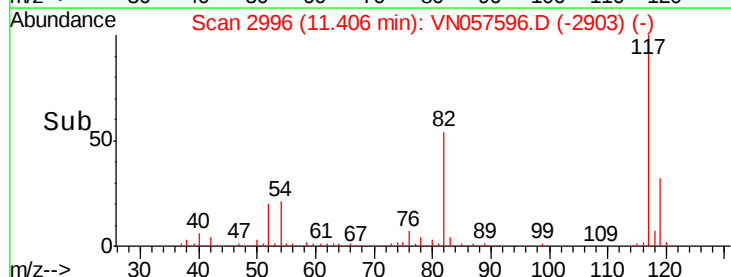


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

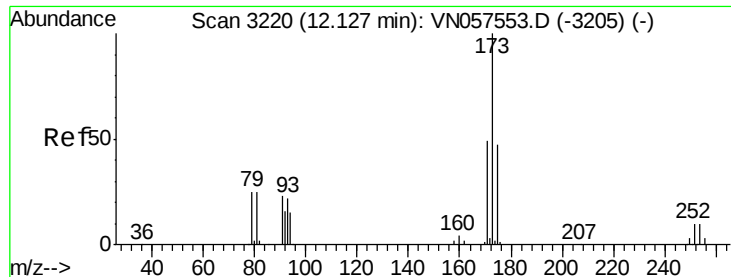
Ion 82.00 (81.70 to 82.70): VN057553.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057553.D (-2980) (-)

Time--> 11.30 11.40 11.50 11.60



Time--> 11.30 11.40 11.50 11.60



#71

Bromoform

Concen: 0.314 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

T2-S-A1-(0)

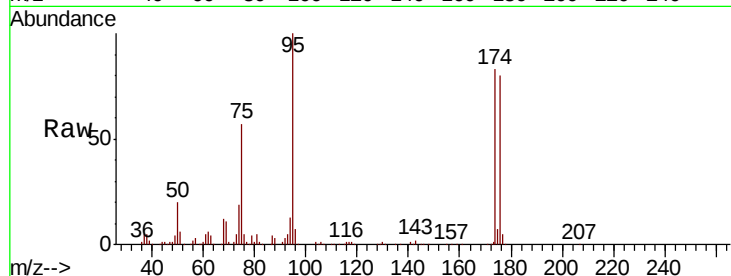
Tgt Ion:173 Resp: 1652

Ion Ratio Lower Upper

173 100

175 917.4 23.9 71.8#

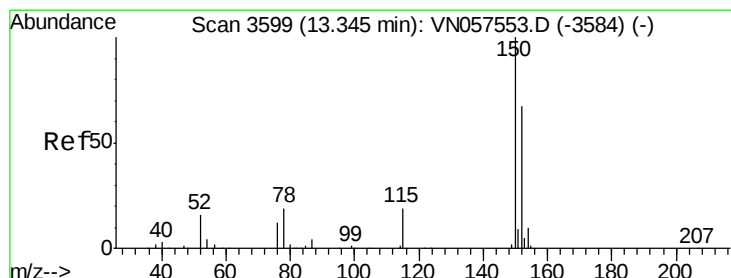
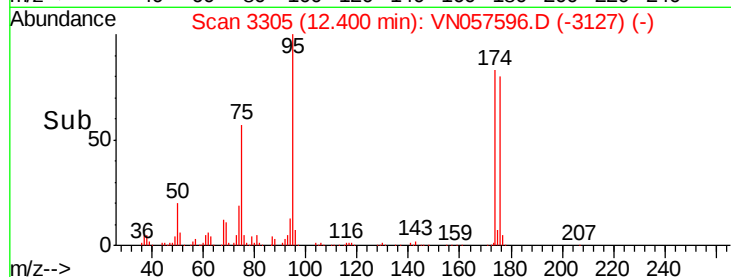
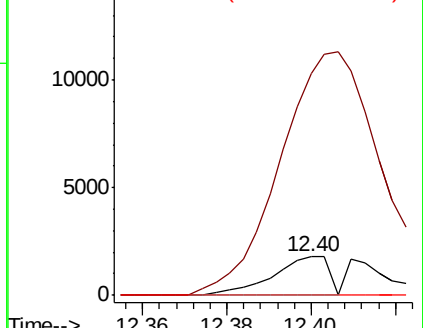
254 0.0 0.1 0.1#



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: VN057596.D

Acq: 30 Aug 2019 18:47

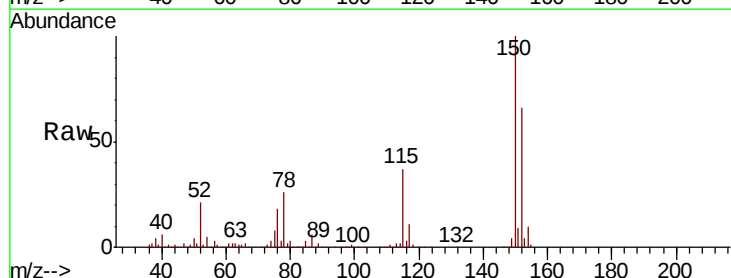
Tgt Ion:152 Resp: 213584

Ion Ratio Lower Upper

152 100

115 57.1 32.0 96.0

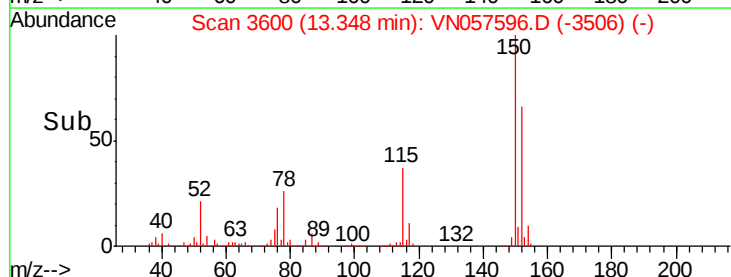
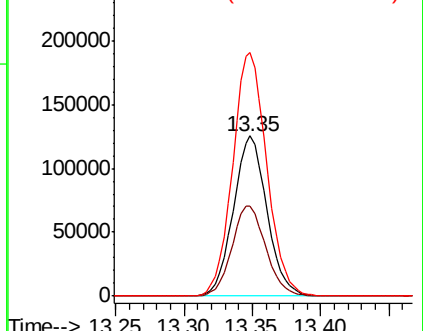
150 155.0 0.0 346.6

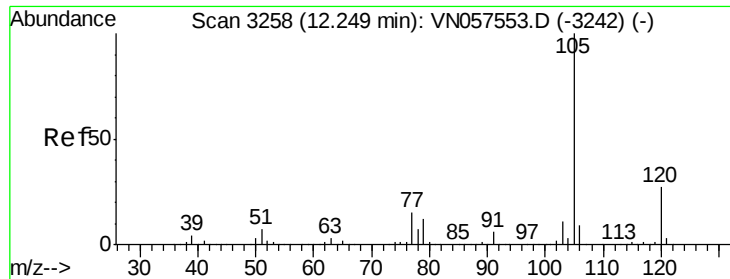


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

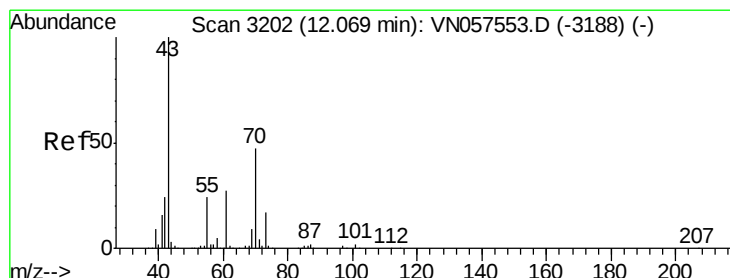
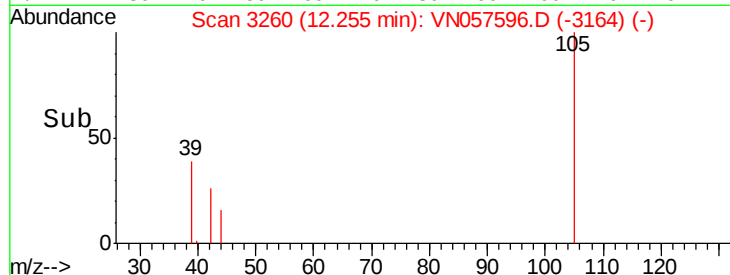
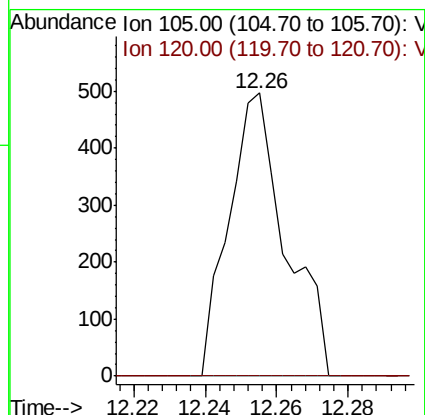
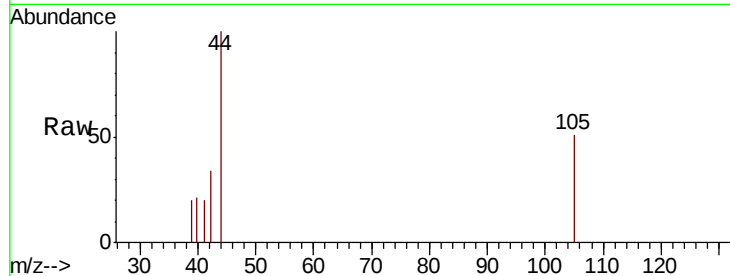
T2-S-A1-(0)

Tgt Ion: 105 Resp: 546

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Tgt Ion: 43 Resp: 1552

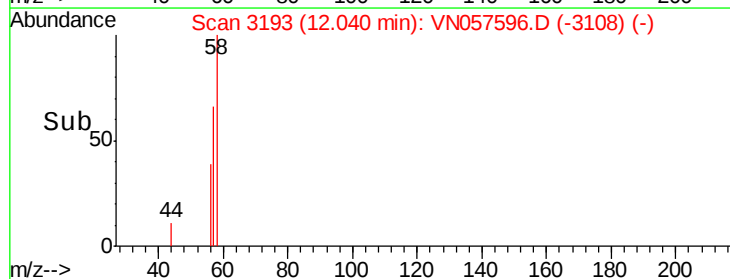
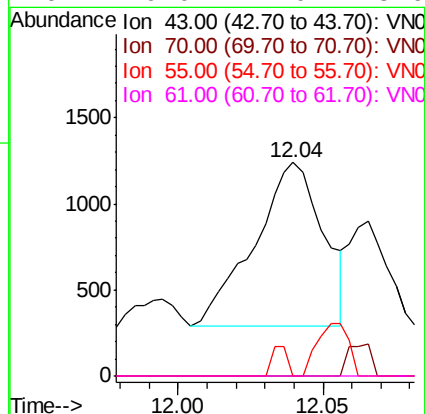
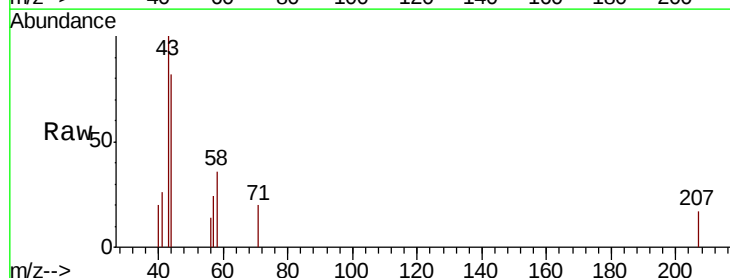
Ion Ratio Lower Upper

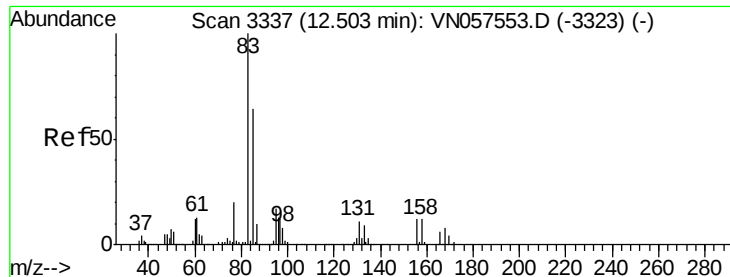
43 100

70 0.0 27.8 41.6#

55 4.3 17.0 25.4#

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

T2-S-A1-(0)

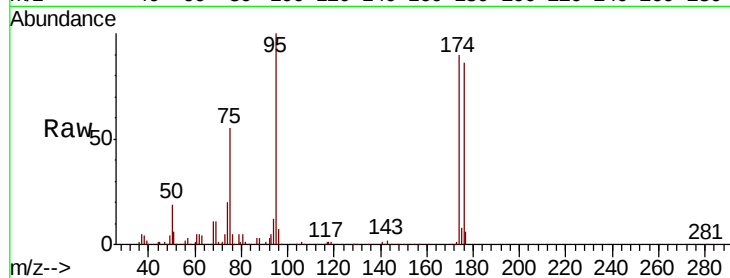
Tgt Ion: 83 Resp: 536

Ion Ratio Lower Upper

83 100

131 5.6 4.3 13.1

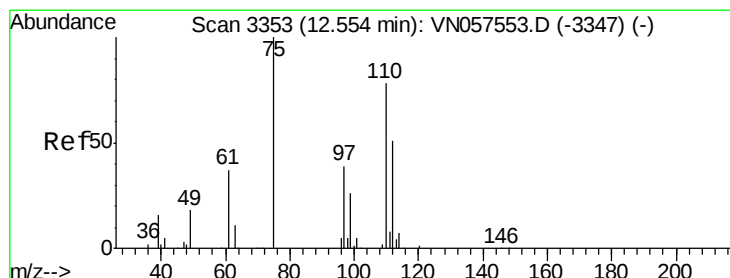
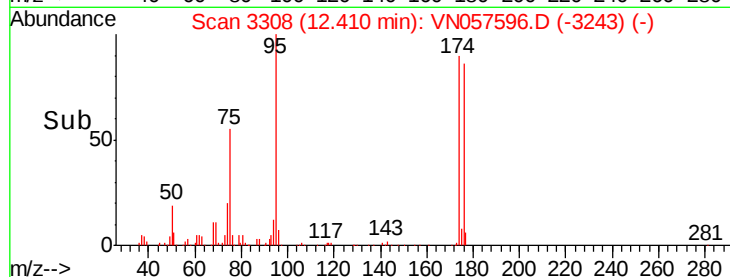
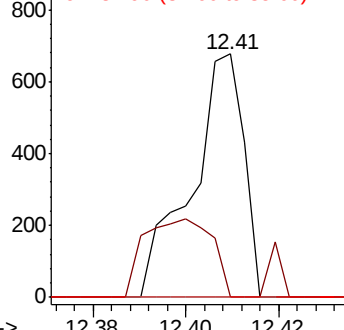
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 41.528 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057596.D

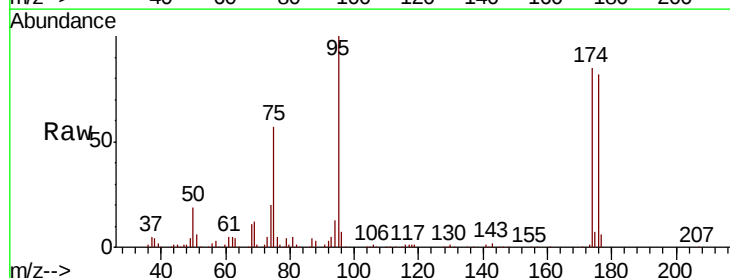
Acq: 30 Aug 2019 18:47

Tgt Ion: 75 Resp: 165342

Ion Ratio Lower Upper

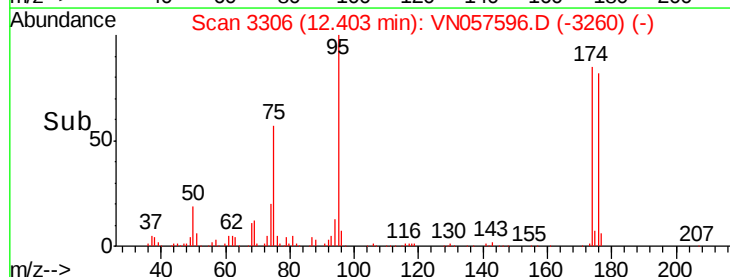
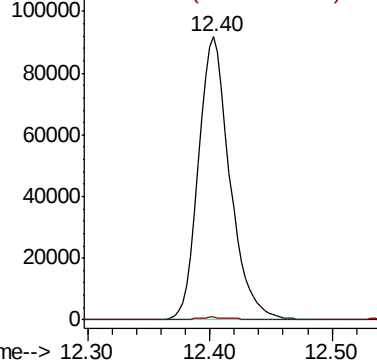
75 100

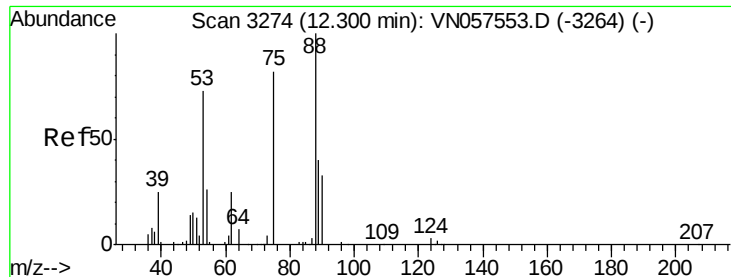
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 116.403 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

T2-S-A1-(0)

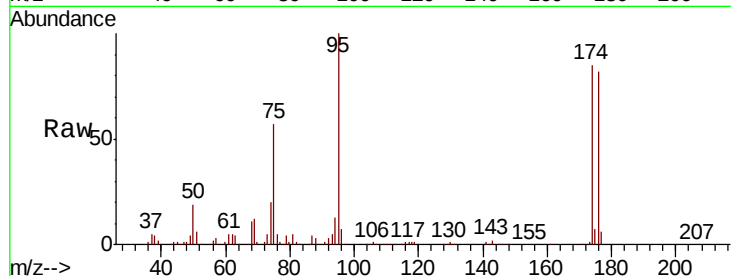
Tgt Ion: 75 Resp: 165342

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

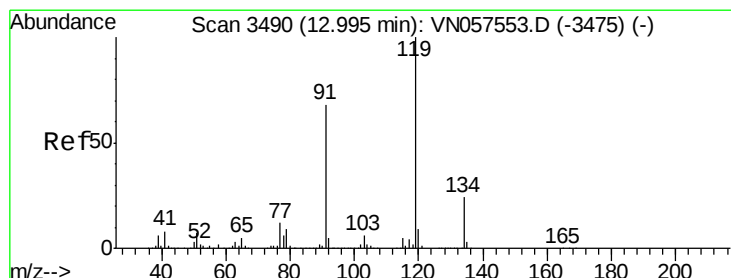
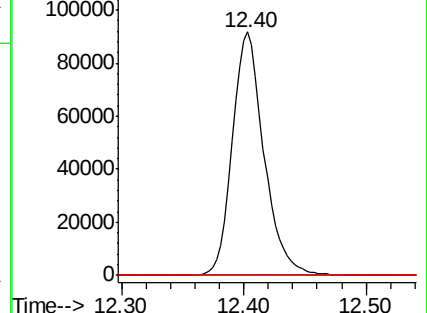
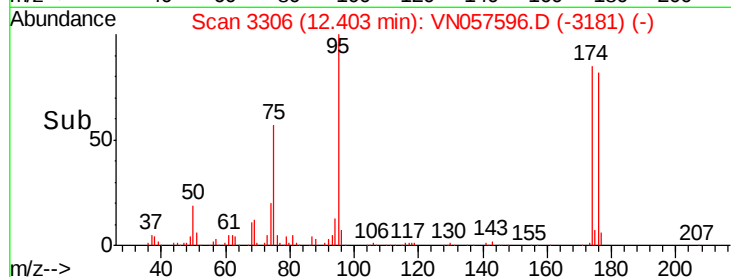
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057596.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057596.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057596.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057596.D

Acq: 30 Aug 2019 18:47

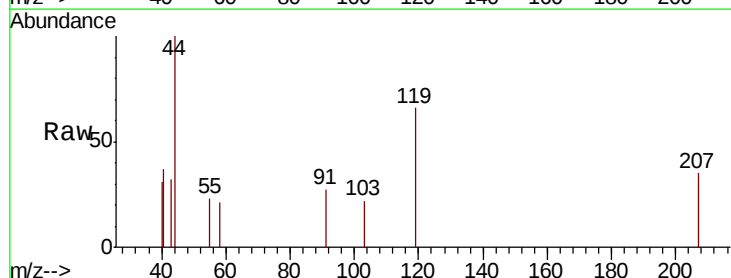
Tgt Ion: 119 Resp: 726

Ion Ratio Lower Upper

119 100

91 39.5 37.0 111.0

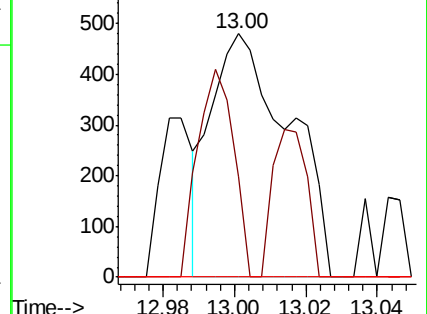
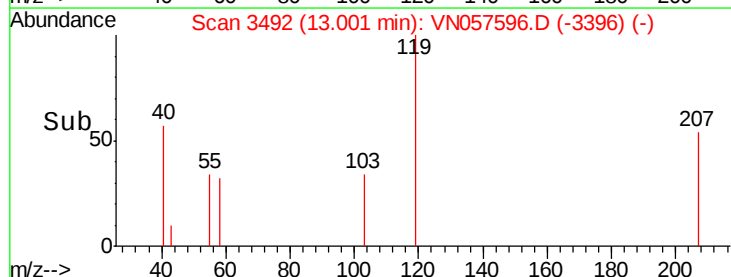
134 0.0 12.2 36.6#

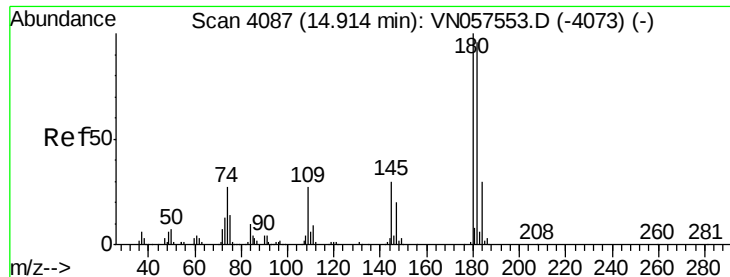


Abundance Ion 119.00 (118.70 to 119.70): VN057596.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN057596.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN057596.D (-3396) (-)

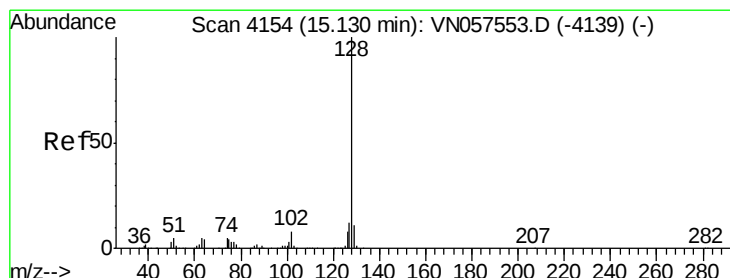
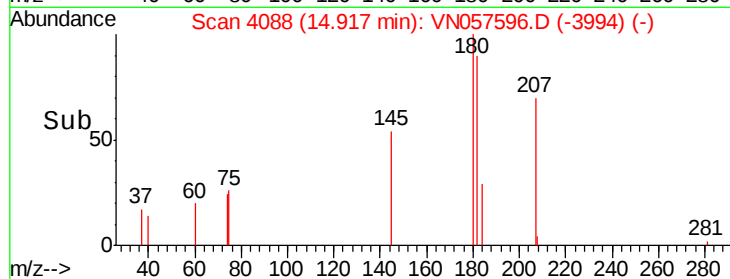
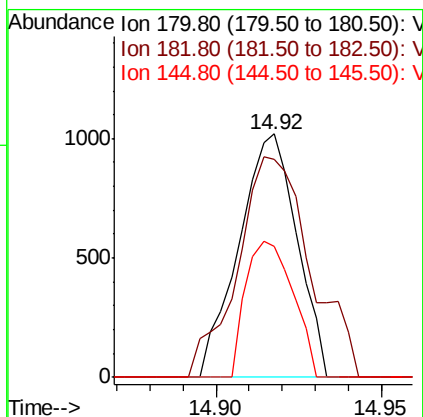
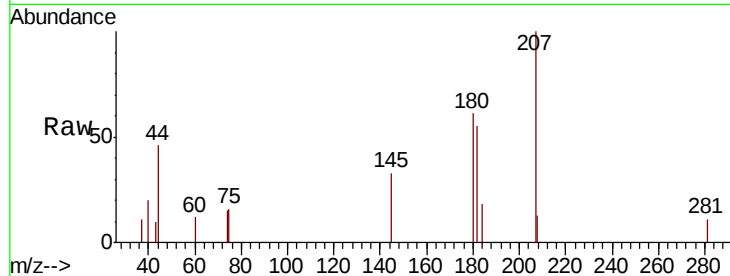




#93
 1,2,4-Trichlorobenzene
 Concen: 4.171 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

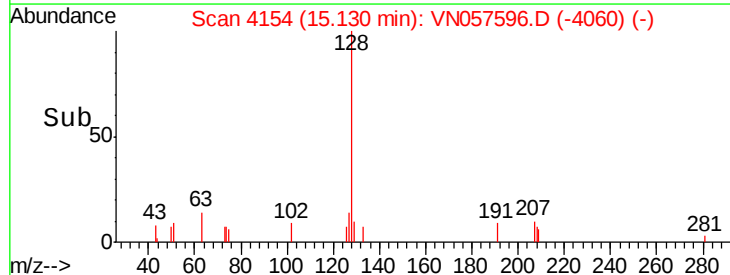
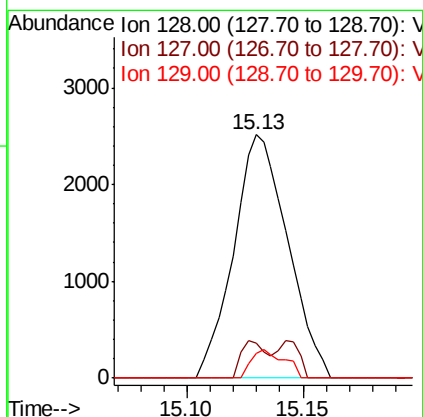
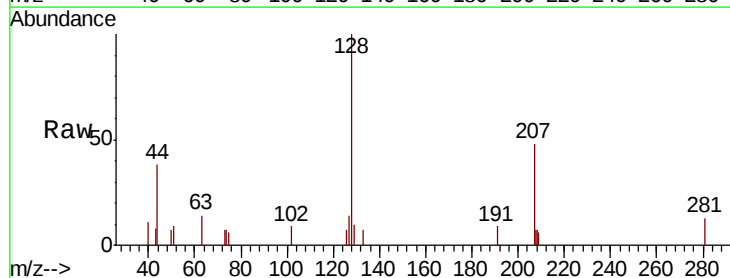
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S-A1-(0)

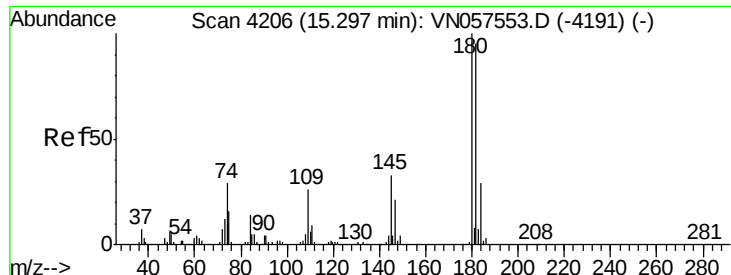
Tgt Ion:180 Resp: 1244
 Ion Ratio Lower Upper
 180 100
 182 113.5 46.7 140.1
 145 45.5 15.6 46.8



#95
 Naphthalene
 Concen: 0.576 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Tgt Ion:128 Resp: 4068
 Ion Ratio Lower Upper
 128 100
 127 7.2 10.5 15.7#
 129 7.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.635 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057596.D
 Acq: 30 Aug 2019 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(0)

Tgt Ion	Resp	Lower	Upper
180	100		
182	75.8	46.7	140.1
145	14.7	16.8	50.3

