

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057647.D
 Acq On : 1 Sep 2019 16:28
 Operator : JC/SP
 Sample : K4544-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

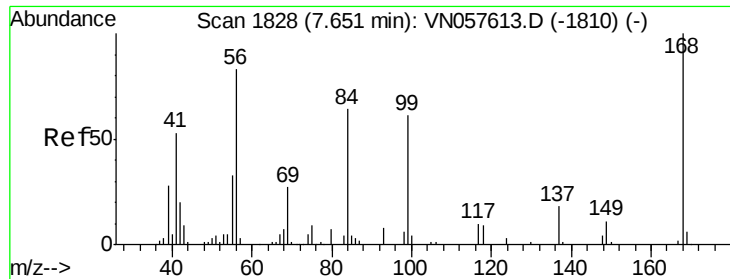
Quant Time: Sep 02 01:55:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	183135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	312019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	276528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	96106	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	225862	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	
35) Dibromofluoromethane	7.58	113	134714	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
50) Toluene-d8	10.08	98	540342	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	166939	41.97	ug/l	0.00
Spiked Amount			Recovery	=	83.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	632	0.378	ug/l	88
6) Chloroethane	2.50	64	427	0.289	ug/l #	44
11) Tert butyl alcohol	4.72	59	6039	13.918	ug/l #	81
13) Acrolein	3.60	56	261	1.513	ug/l #	14
16) Acetone	3.81	43	8593	7.412	ug/l #	87
18) Methyl Acetate	4.32	43	8692	2.183	ug/l	96
20) Methylene Chloride	4.53	84	9446	3.291	ug/l	98
31) Cyclohexane	7.65	56	5780	1.055	ug/l #	23
36) 1,1-Dichloropropene	7.65	75	18728	4.527	ug/l #	52
38) Carbon Tetrachloride	7.65	117	21252	5.739	ug/l #	14
41) Methacrylonitrile	7.18	41	128	2.338	ug/l #	21
43) Isopropyl Acetate	8.16	43	69681	9.829	ug/l	98
45) 1,2-Dichloropropane	9.26	63	1426	0.425	ug/l #	44
48) Methyl methacrylate	9.18	41	4140	1.144	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	4192	1.032	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	25798	6.615	ug/l #	69
57) 1,3-Dichloropropane	10.76	76	4013	0.810	ug/l #	43
59) 2-Hexanone	10.76	43	72749	24.380	ug/l #	55
71) Bromoform	12.40	173	971	6.693	ug/l #	1
74) N-amyl acetate	12.06	43	1012	0.221	ug/l #	60
76) 1,2,3-Trichloropropane	12.40	75	97787	38.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	97787	132.592	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	348	8.504	ug/l #	44
95) Naphthalene	15.14	128	729	7.053	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.30	180	351	7.977	ug/l #	77

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

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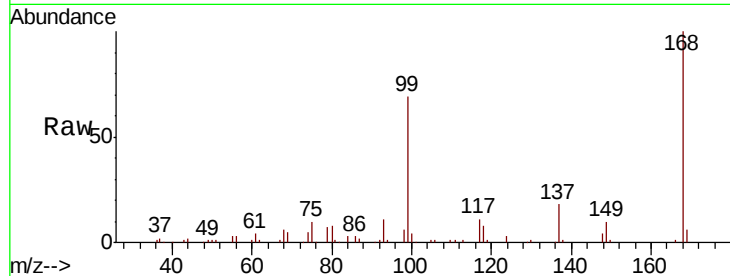
T16-17-B1-(0)

Tgt Ion:168 Resp: 183135

Ion Ratio Lower Upper

168 100

99 69.0 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

40000

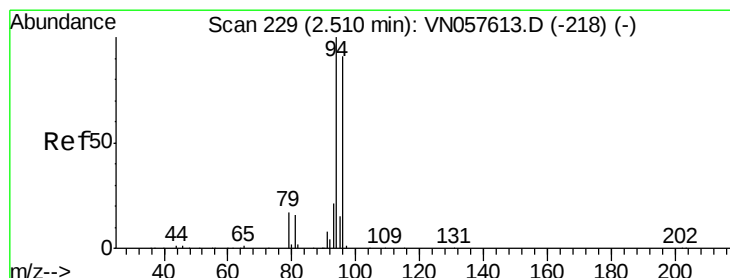
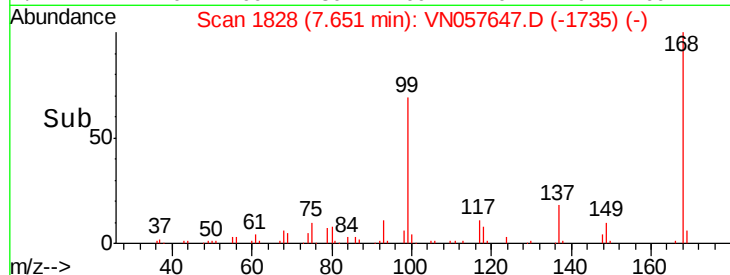
20000

0

Time-->

7.60

7.70



#5

Bromomethane

Concen: 0.378 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.01 min

Lab File: VN057647.D

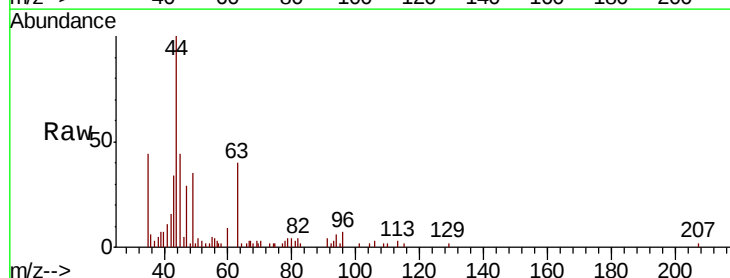
Acq: 1 Sep 2019 16:28

Tgt Ion: 94 Resp: 632

Ion Ratio Lower Upper

94 100

96 102.8 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.52

600

500

400

300

200

100

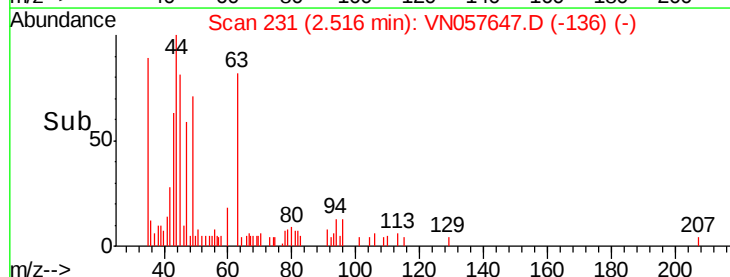
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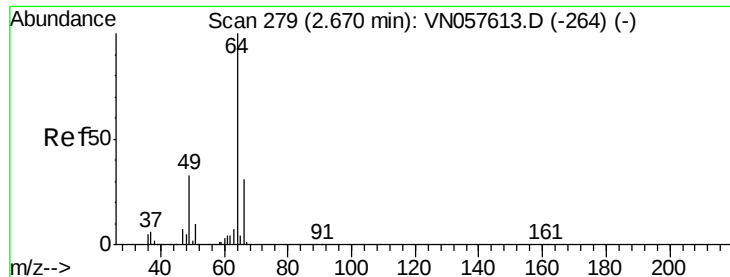
Time-->

2.50

2.52

2.54





#6

Chloroethane

Concen: 0.289 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.17 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

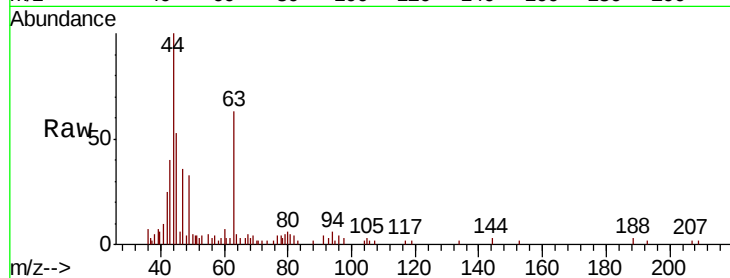
T16-17-B1-(0)

Tgt Ion: 64 Resp: 427

Ion Ratio Lower Upper

64 100

66 0.0 24.7 37.1#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.50

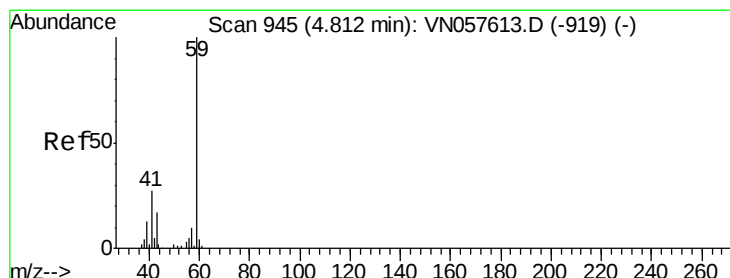
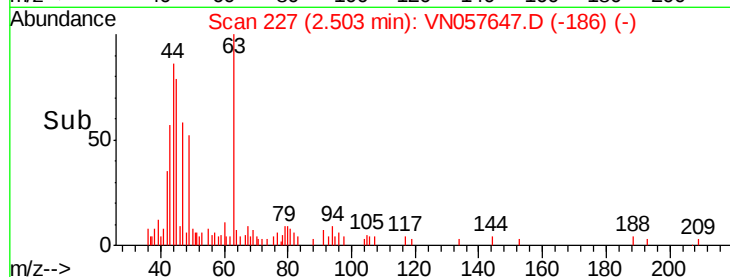
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 13.918 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.09 min

Lab File: VN057647.D

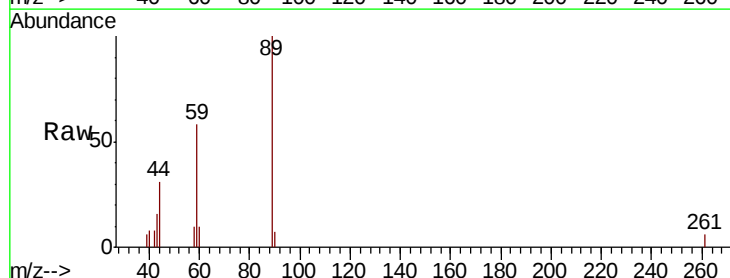
Acq: 1 Sep 2019 16:28

Tgt Ion: 59 Resp: 6039

Ion Ratio Lower Upper

59 100

57 0.0 5.0 7.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.72

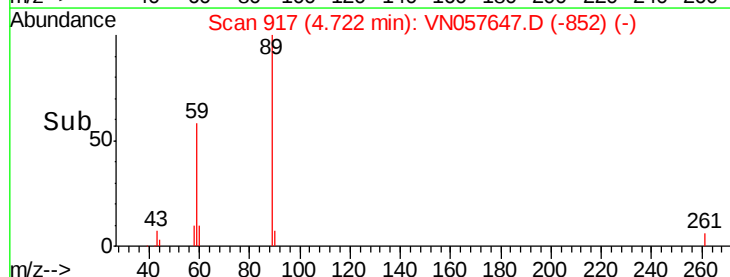
1500

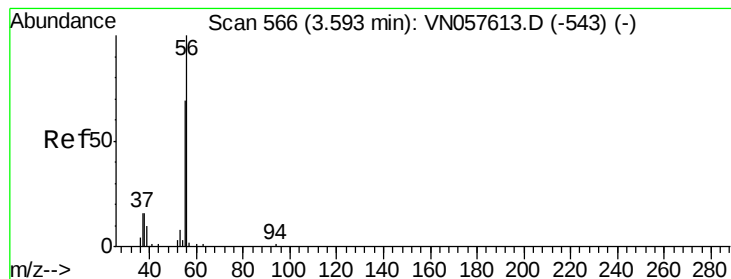
1000

500

0

Time-->





#13

Acrolein

Concen: 1.513 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

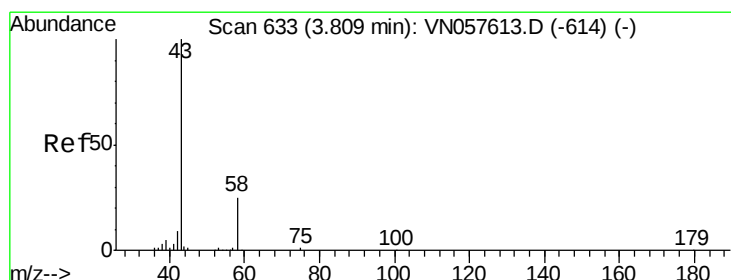
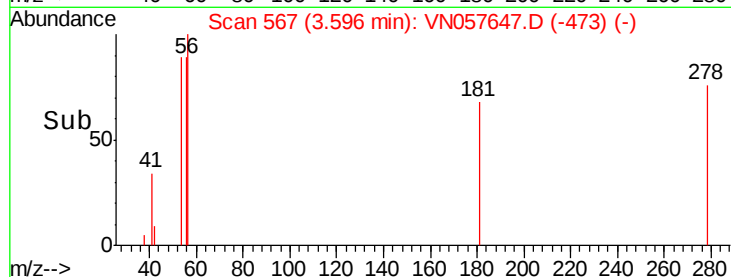
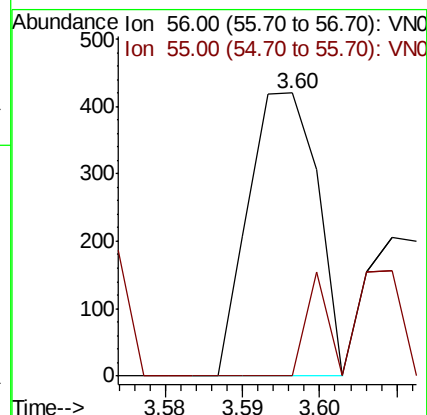
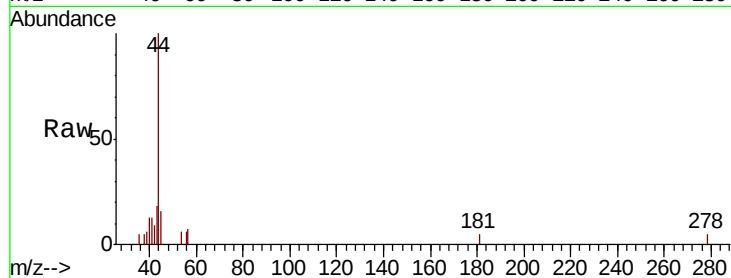
T16-17-B1-(0)

Tgt Ion: 56 Resp: 261

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



#16

Acetone

Concen: 7.412 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057647.D

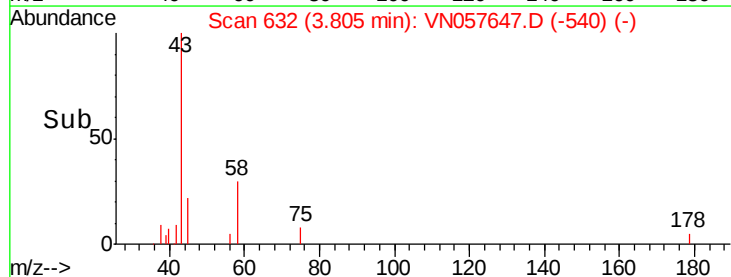
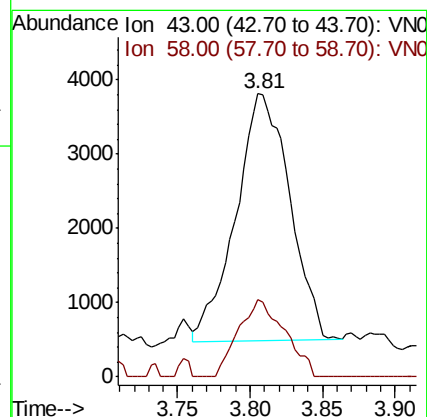
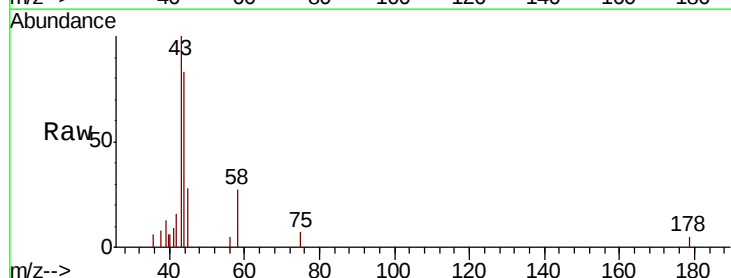
Acq: 1 Sep 2019 16:28

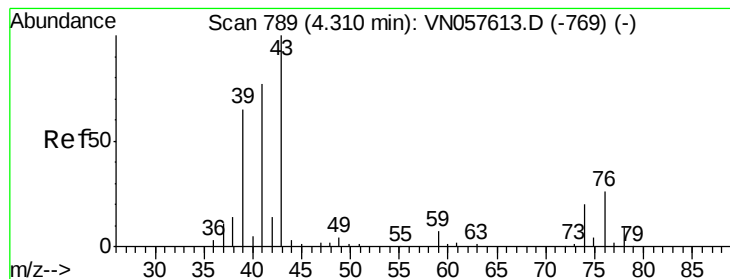
Tgt Ion: 43 Resp: 8593

Ion Ratio Lower Upper

43 100

58 31.4 20.0 30.0#





#18

Methyl Acetate

Concen: 2.183 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

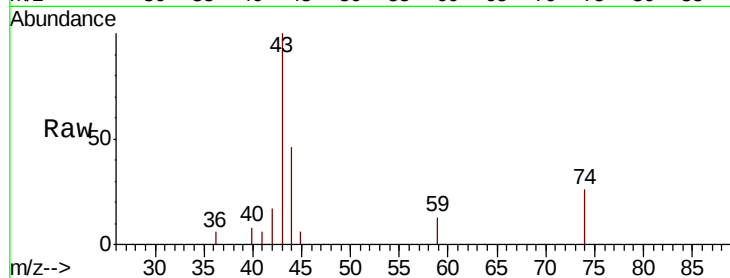
T16-17-B1-(0)

Tgt Ion: 43 Resp: 8692

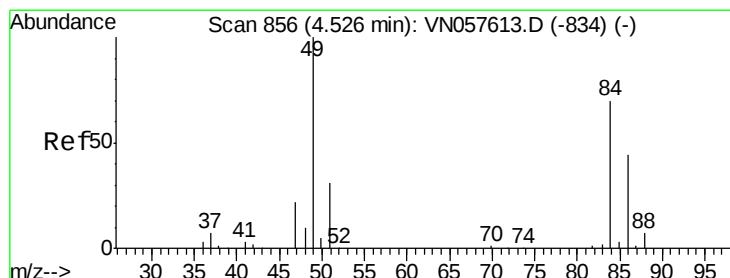
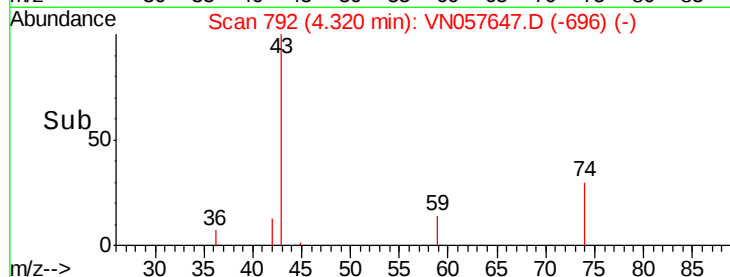
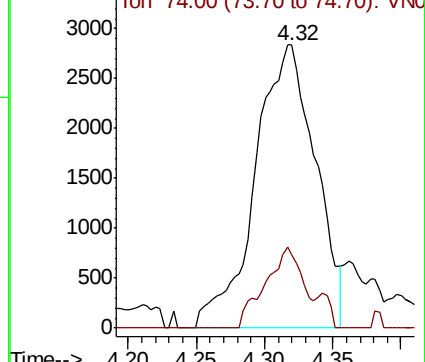
Ion Ratio Lower Upper

43 100

74 17.8 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-769) (-)



#20

Methylene Chloride

Concen: 3.291 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Tgt Ion: 84 Resp: 9446

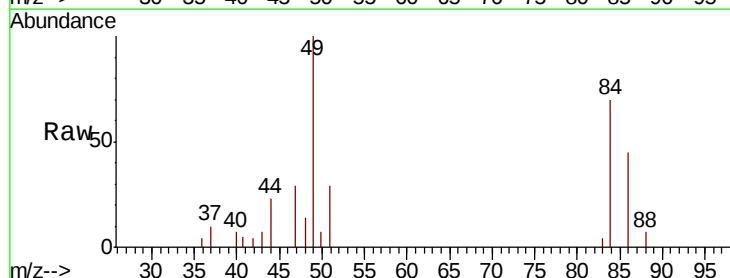
Ion Ratio Lower Upper

84 100

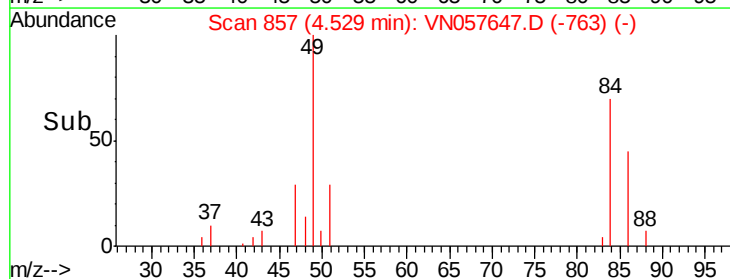
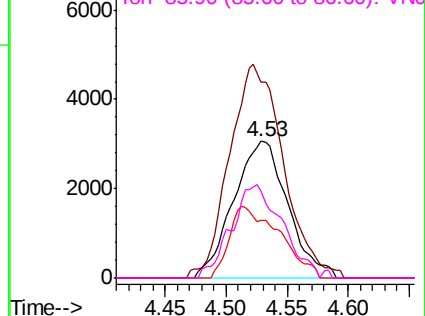
49 138.5 113.8 170.6

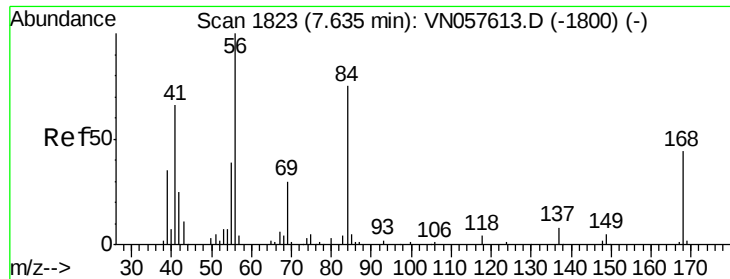
51 42.2 35.0 52.6

86 64.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VN057613.D (-834) (-)

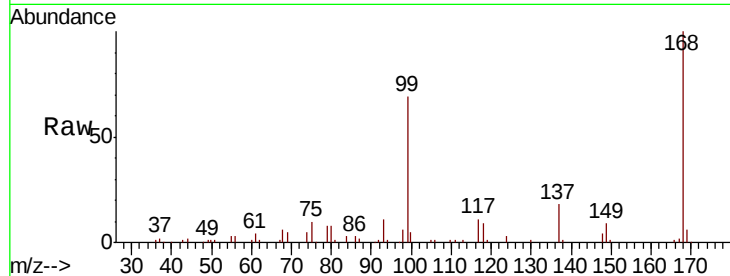




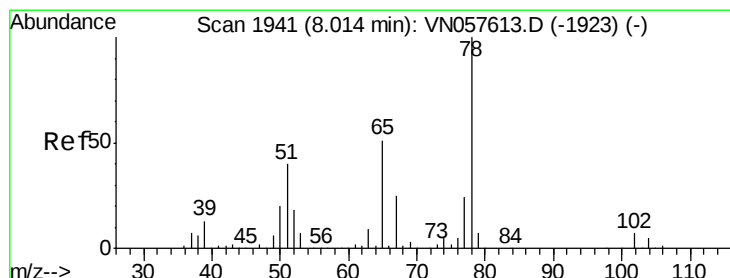
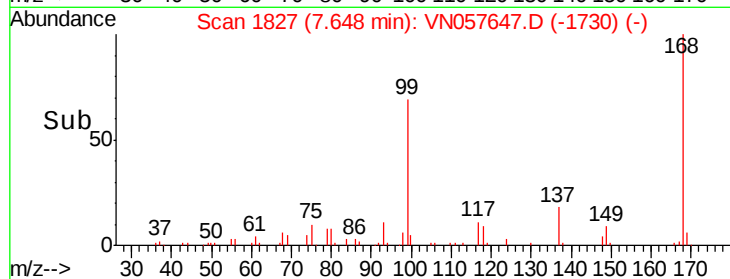
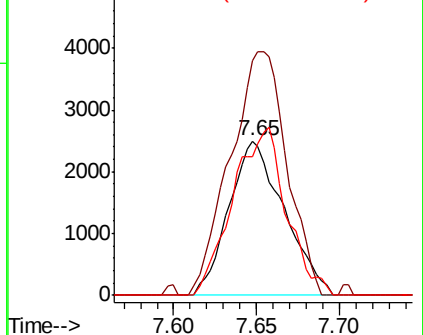
#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Instrument :
MSVOA_N
ClientSampled :
T16-17-B1-(0)

Tgt Ion: 56 Resp: 5780
Ion Ratio Lower Upper
56 100
69 151.6 24.4 36.6#
84 90.1 59.9 89.9#

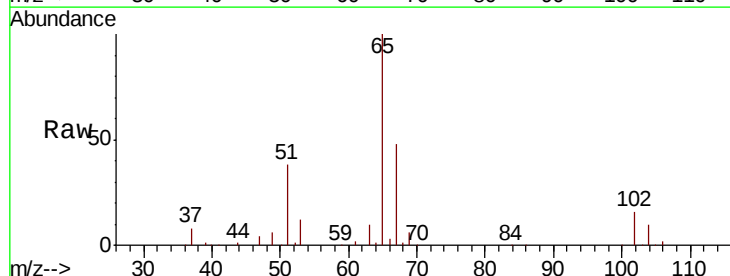


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

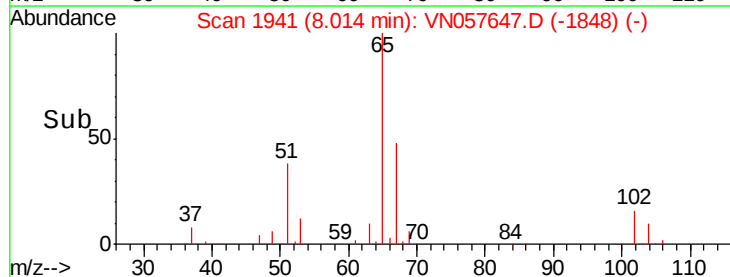
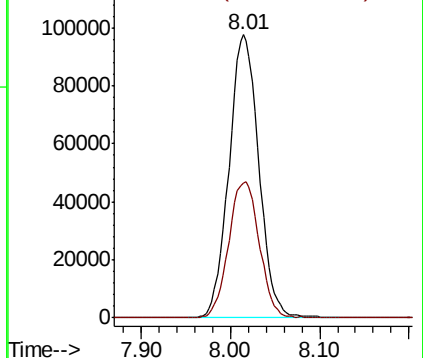


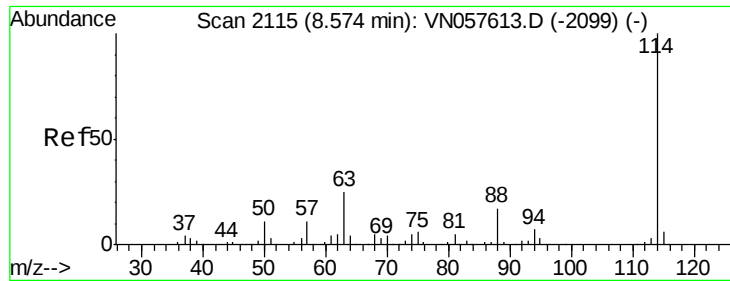
#33
1,2-Dichloroethane-d4
Concen: 54.596 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Tgt Ion: 65 Resp: 225862
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.2



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

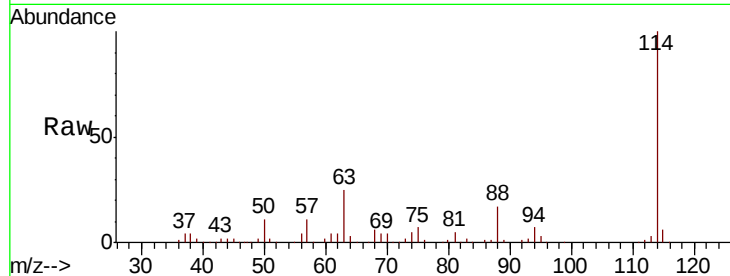




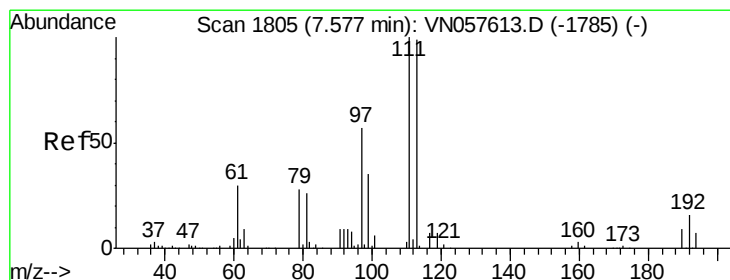
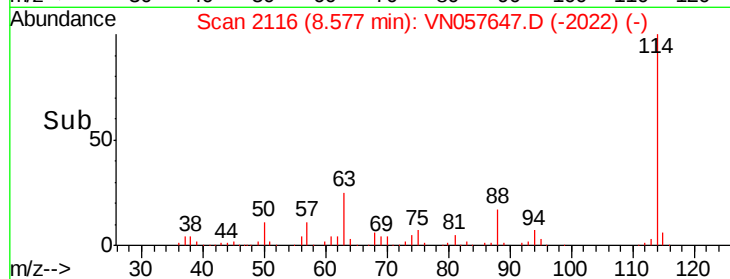
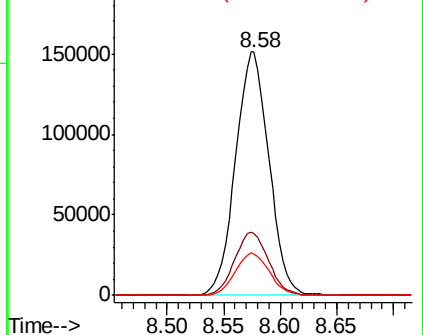
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

Tgt Ion:114 Resp: 312019
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.0
 88 17.2 0.0 33.0

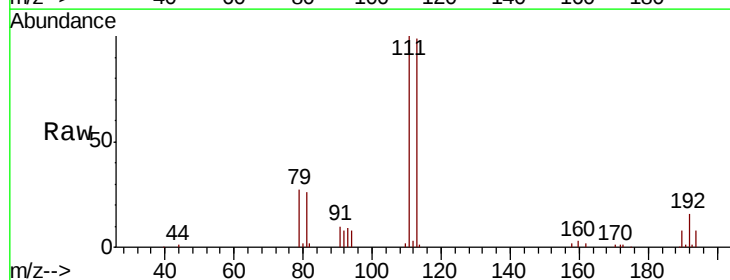


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

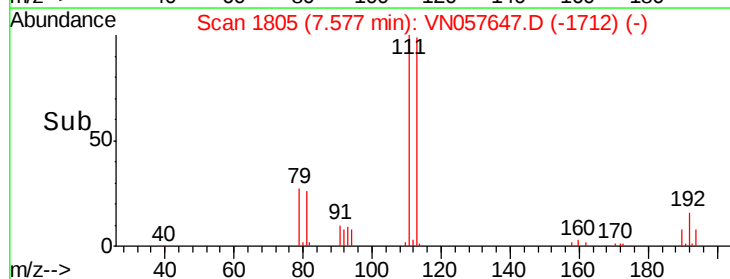
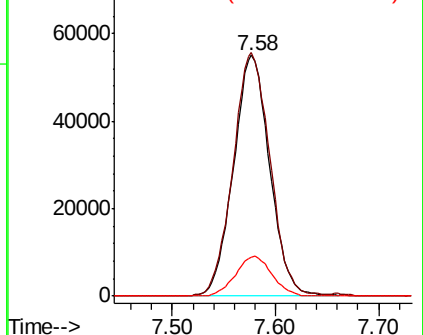


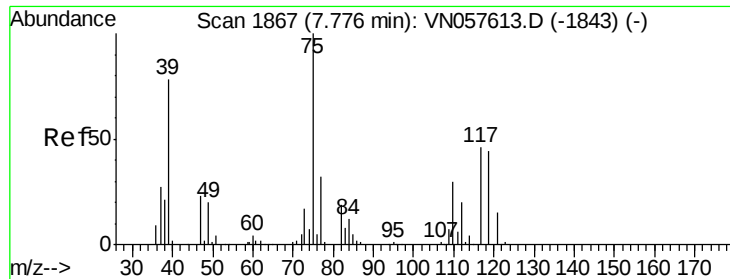
#35
 Dibromofluoromethane
 Concen: 49.440 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Tgt Ion:113 Resp: 134714
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 16.7 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

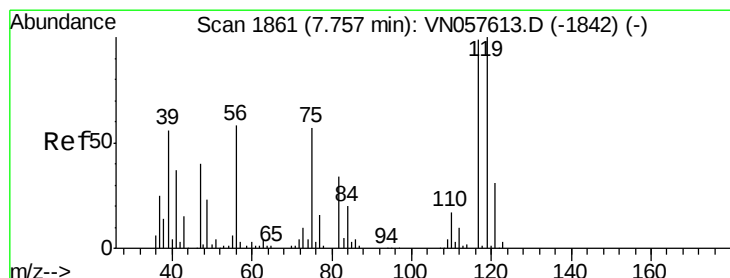
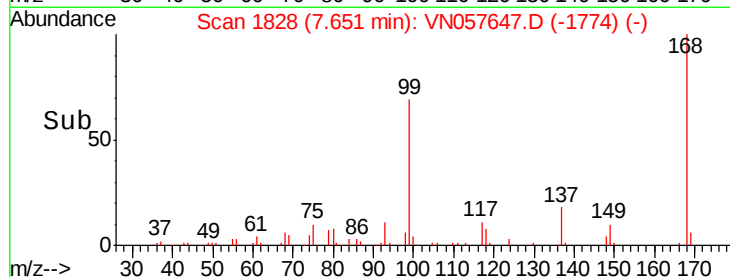
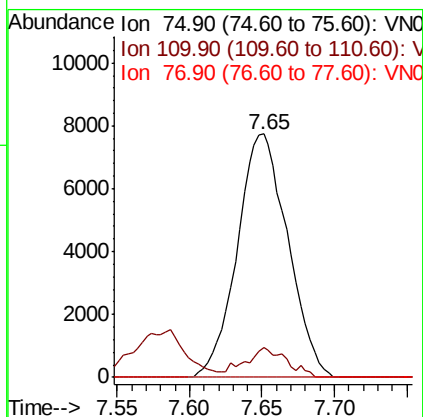
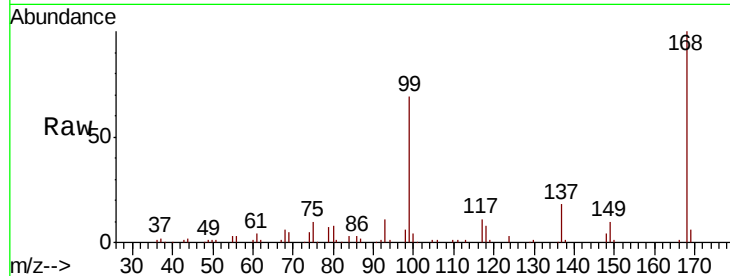




#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

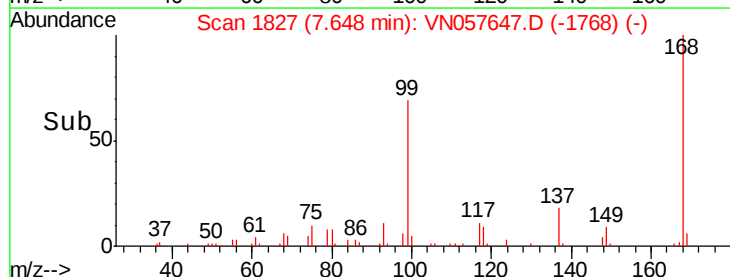
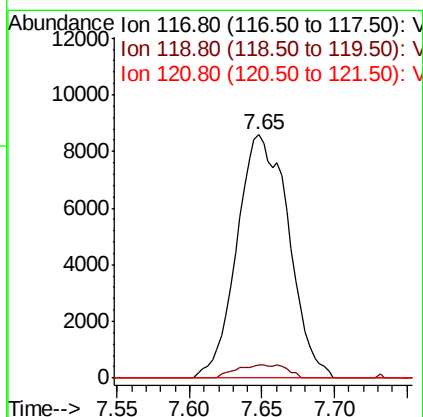
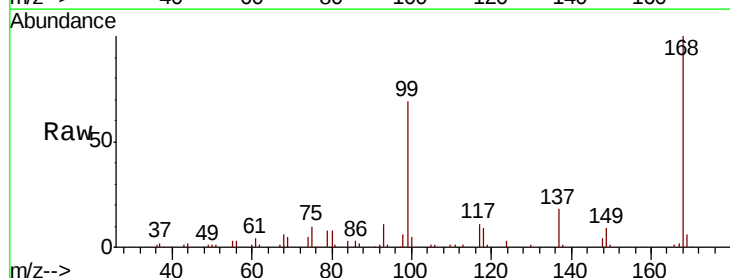
Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

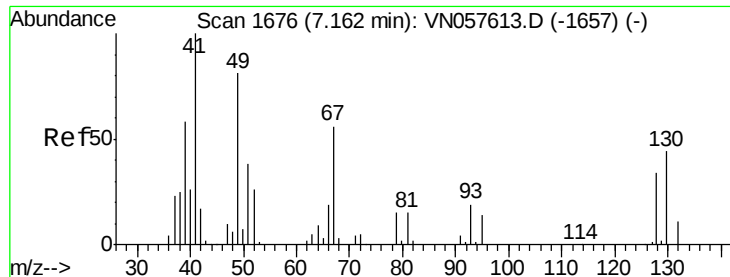
Tgt Ion: 75 Resp: 18728
 Ion Ratio Lower Upper
 75 100
 110 10.0 15.6 46.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.739 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Tgt Ion: 117 Resp: 21252
 Ion Ratio Lower Upper
 117 100
 119 5.3 80.6 120.8#
 121 0.0 25.1 37.7#





#41

Methacrylonitrile

Concen: 2.338 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.02 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

T16-17-B1-(0)

Tgt Ion: 41 Resp: 128

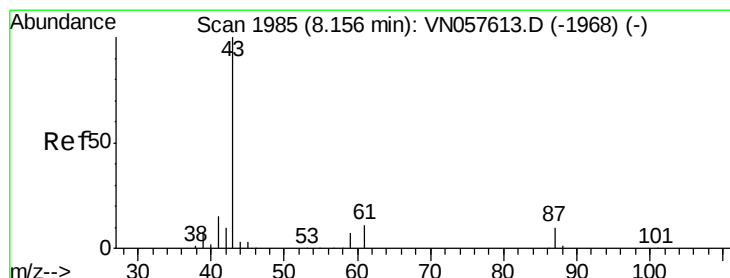
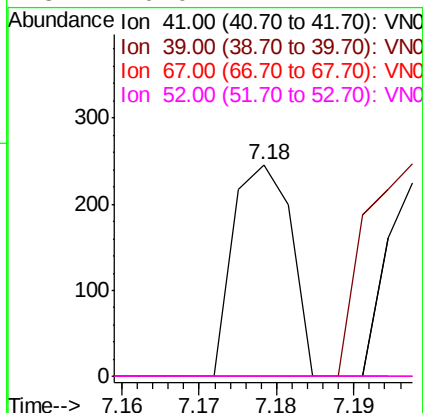
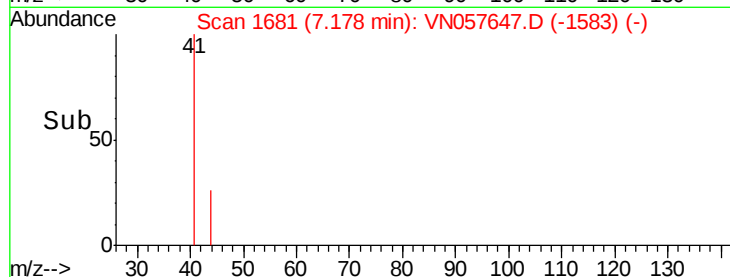
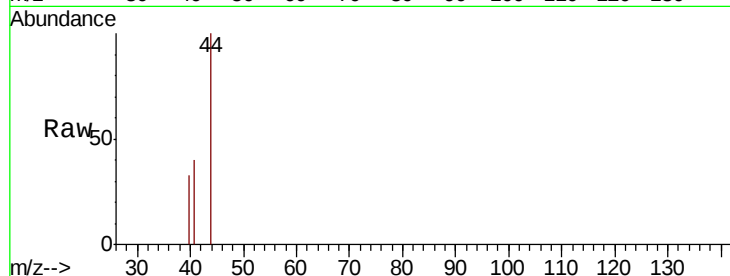
Ion Ratio Lower Upper

41 100

39 0.0 50.6 75.8#

67 0.0 56.9 85.3#

52 0.0 27.4 41.2#



#43

Isopropyl Acetate

Concen: 9.829 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

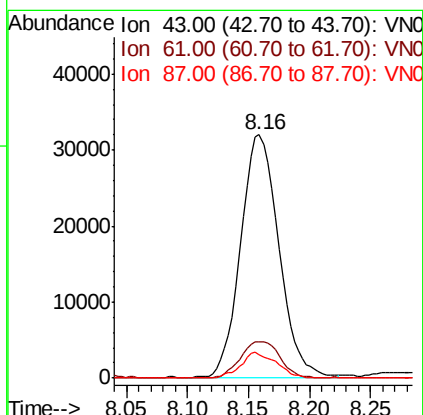
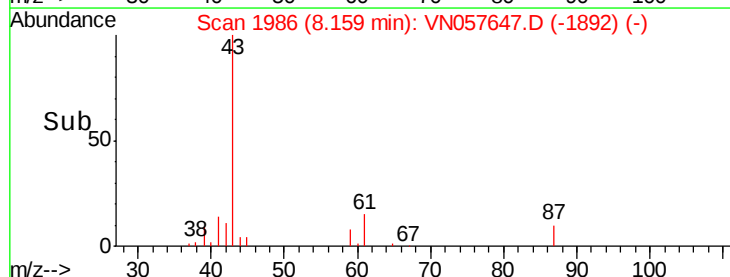
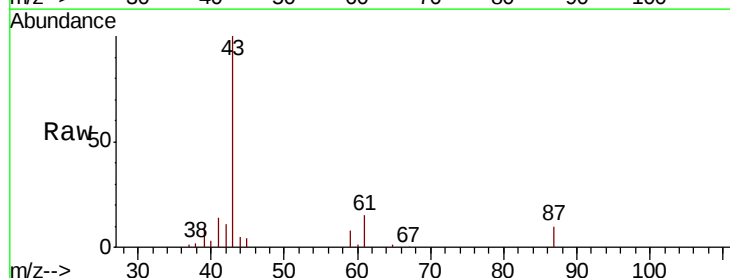
Tgt Ion: 43 Resp: 69681

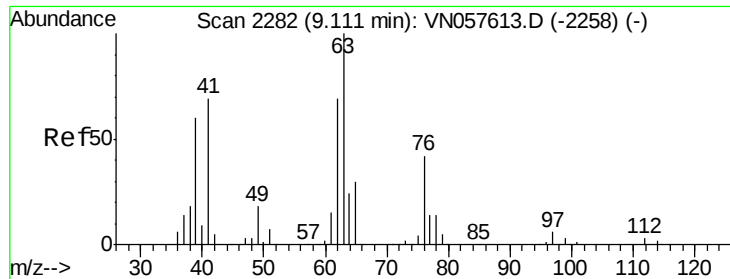
Ion Ratio Lower Upper

43 100

61 15.5 13.1 19.7

87 9.7 8.1 12.1

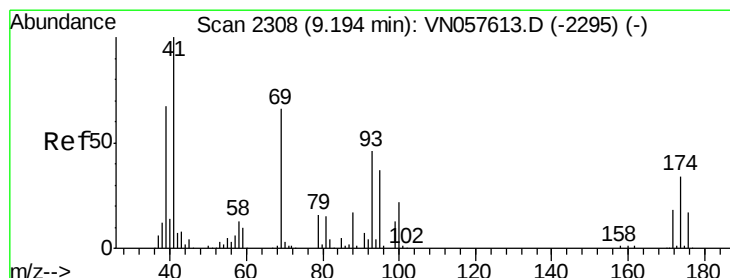
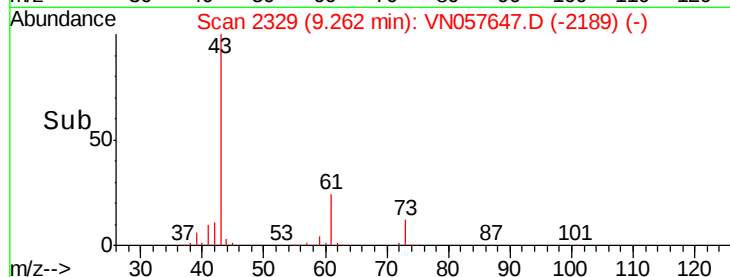
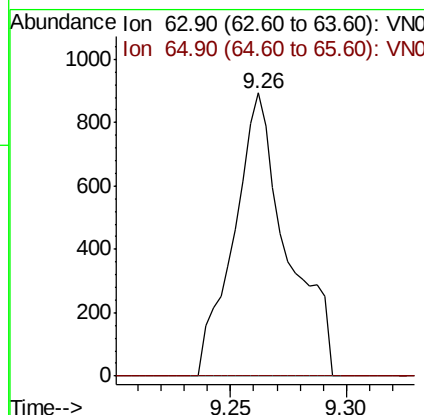
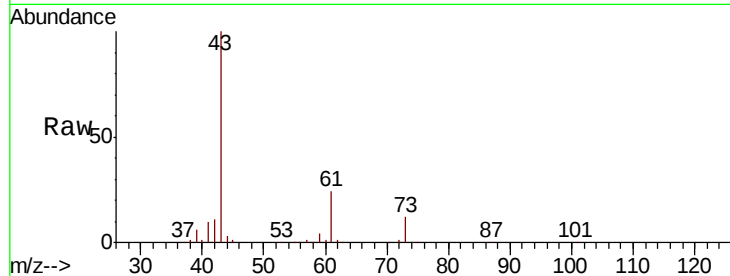




#45
 1,2-Dichloropropane
 Concen: 0.425 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

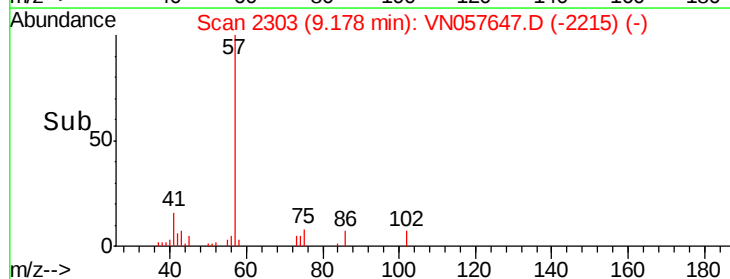
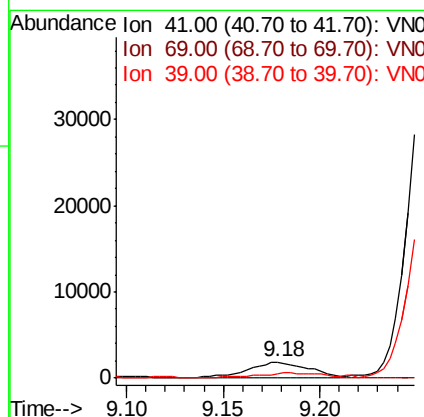
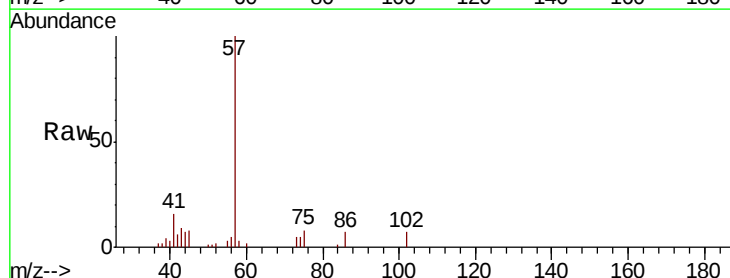
Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

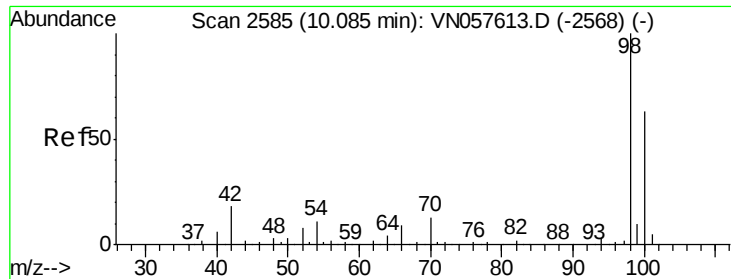
Tgt Ion: 63 Resp: 1426
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 1.144 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Tgt Ion: 41 Resp: 4140
 Ion Ratio Lower Upper
 41 100
 69 0.0 55.1 82.7#
 39 0.0 55.4 83.2#





#50

Toluene-d8

Concen: 51.652 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

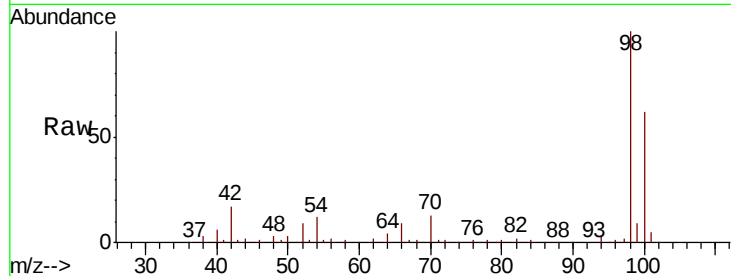
T16-17-B1-(0)

Tgt Ion: 98 Resp: 540342

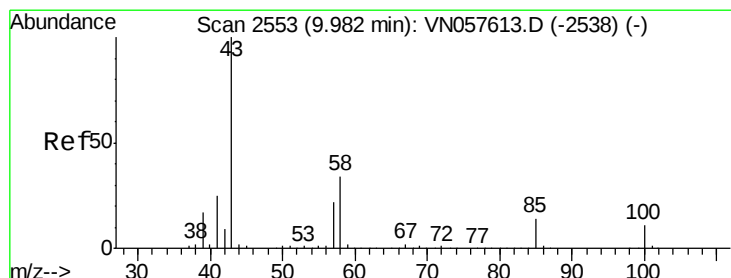
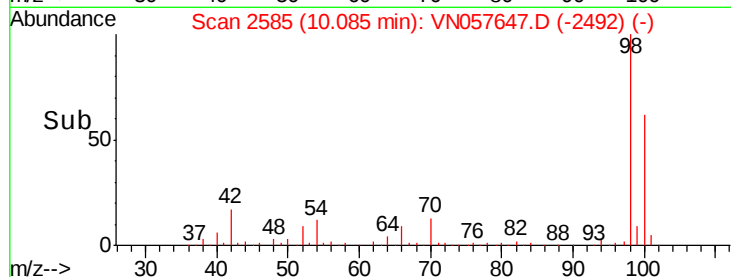
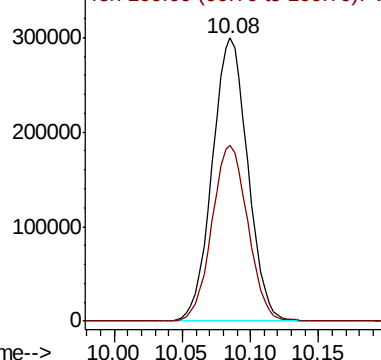
Ion Ratio Lower Upper

98 100

100 62.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057647.D (-2492) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.032 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN057647.D

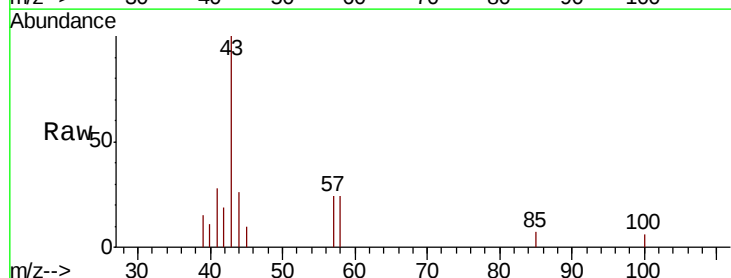
Acq: 1 Sep 2019 16:28

Tgt Ion: 43 Resp: 4192

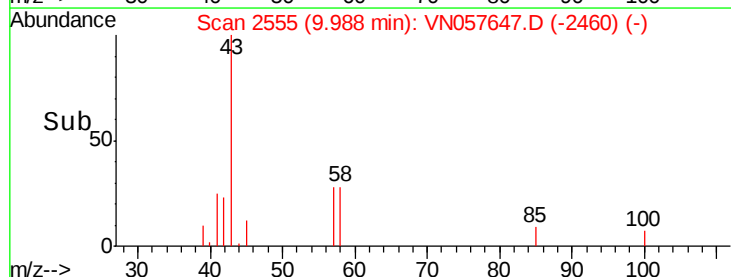
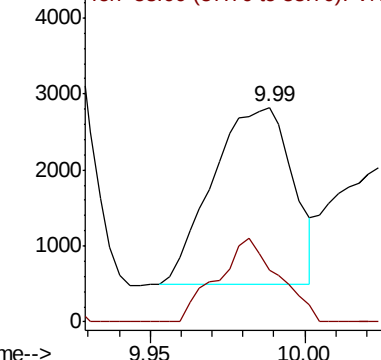
Ion Ratio Lower Upper

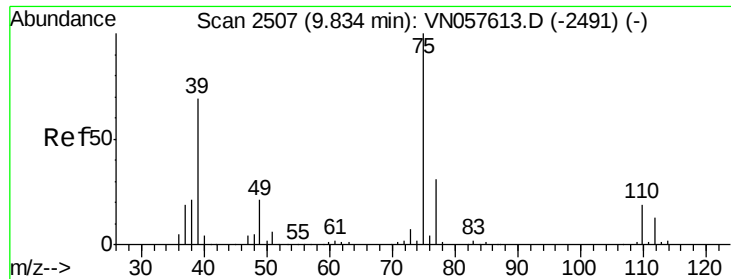
43 100

58 36.0 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VN057647.D (-2460) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.615 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

T16-17-B1-(0)

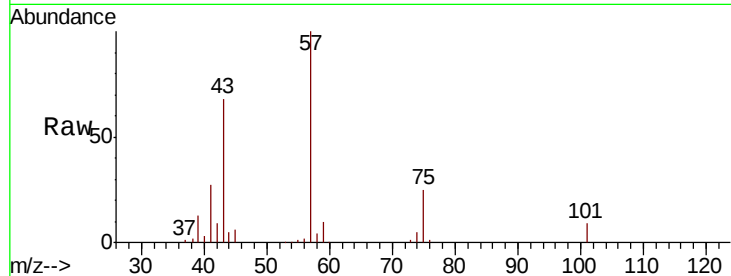
Tgt Ion: 75 Resp: 25798

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

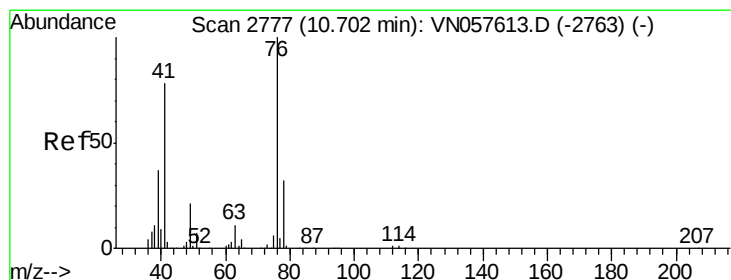
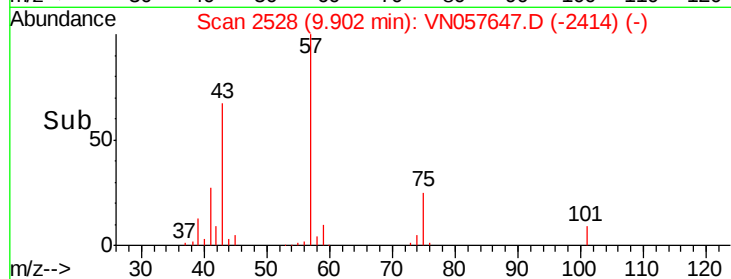
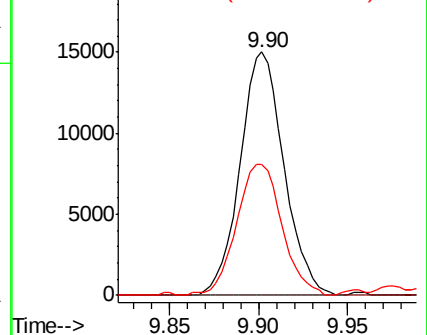
39 52.3 55.0 82.4#



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: 0.810 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057647.D

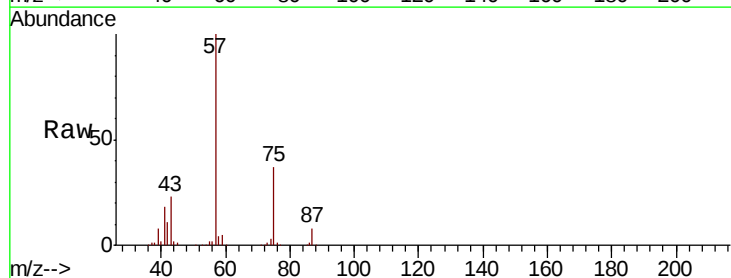
Acq: 1 Sep 2019 16:28

Tgt Ion: 76 Resp: 4013

Ion Ratio Lower Upper

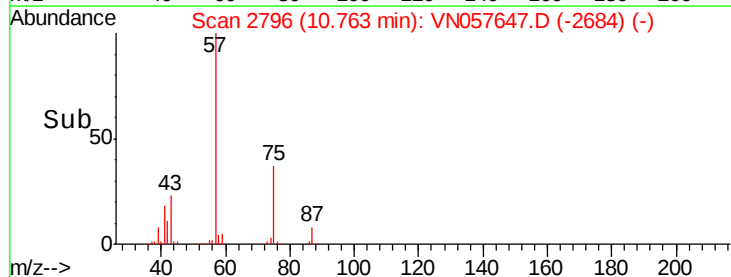
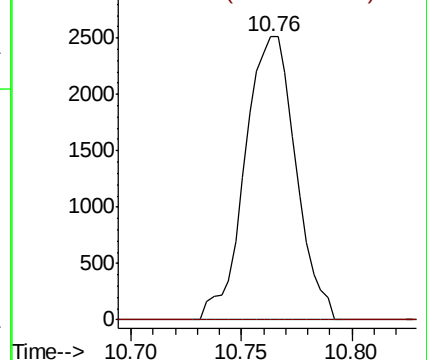
76 100

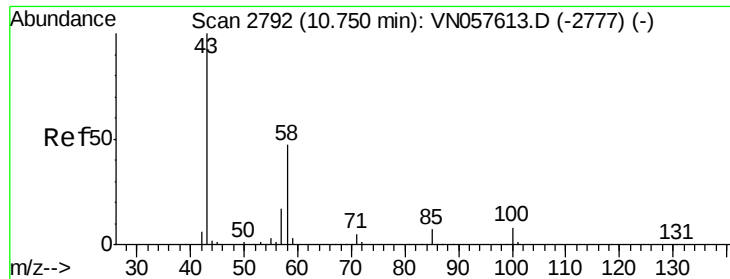
78 0.0 25.4 38.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

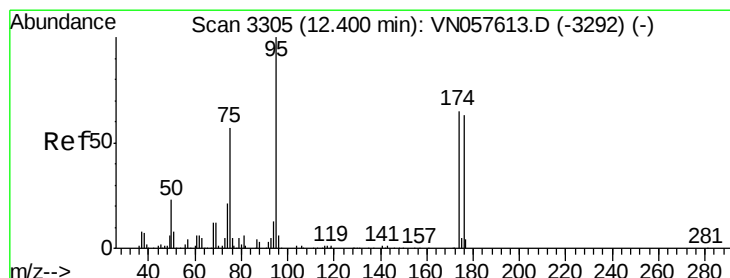
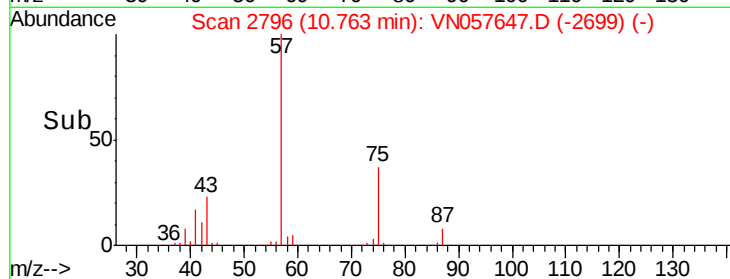
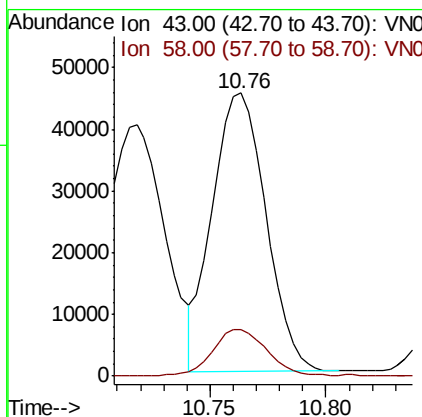
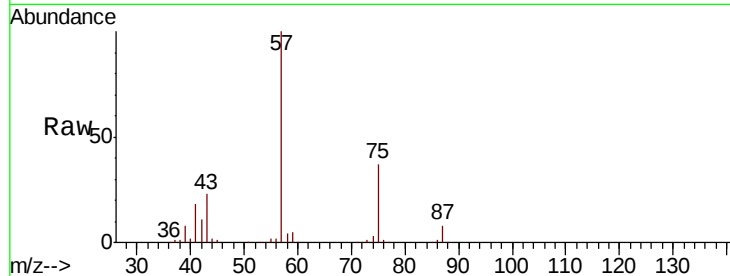




#59
2-Hexanone
Concen: 24.380 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

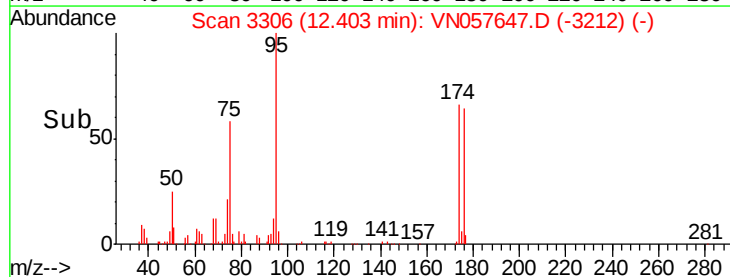
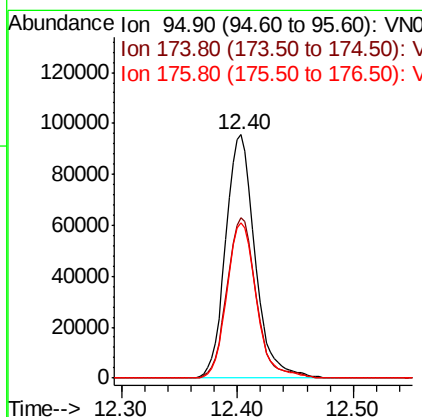
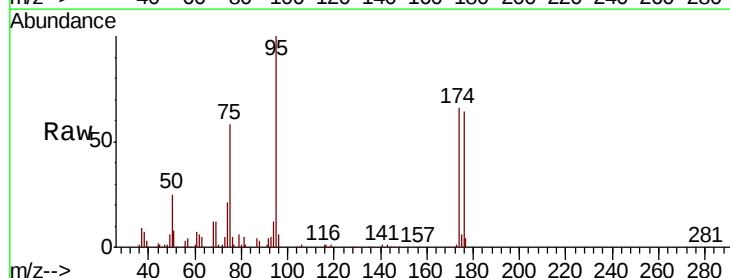
Instrument :
MSVOA_N
ClientSampled :
T16-17-B1-(0)

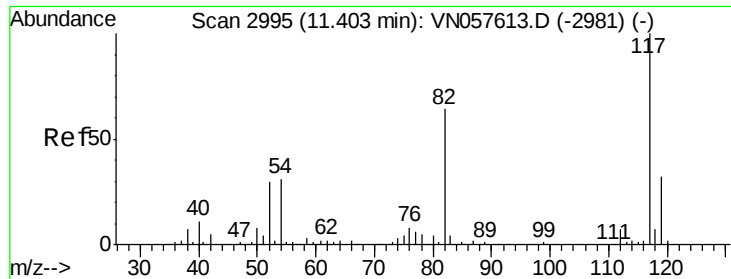
Tgt Ion: 43 Resp: 72749
Ion Ratio Lower Upper
43 100
58 17.2 23.5 70.5#



#62
4-Bromofluorobenzene
Concen: 41.966 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Tgt Ion: 95 Resp: 166939
Ion Ratio Lower Upper
95 100
174 65.9 0.0 134.8
176 63.8 0.0 131.6

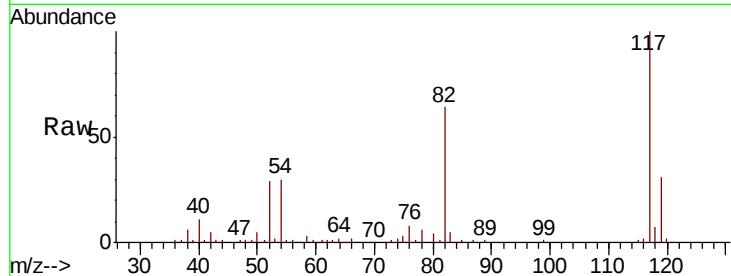




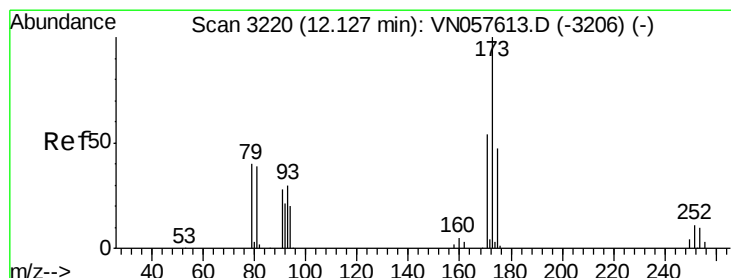
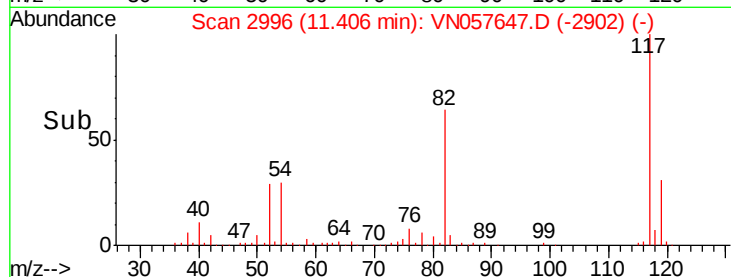
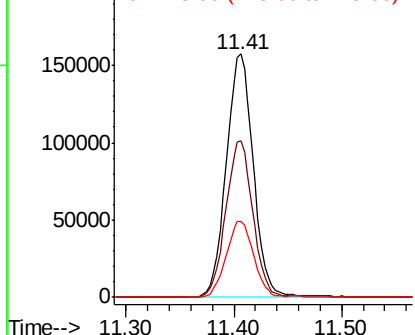
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Instrument :
MSVOA_N
ClientSampleId :
T16-17-B1-(0)

Tgt Ion:117 Resp: 276528
Ion Ratio Lower Upper
117 100
82 64.3 51.6 77.4
119 31.4 25.8 38.6

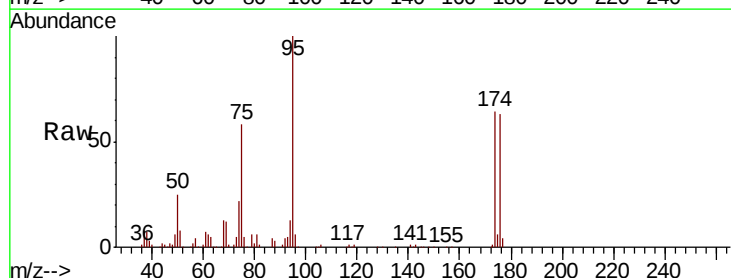


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

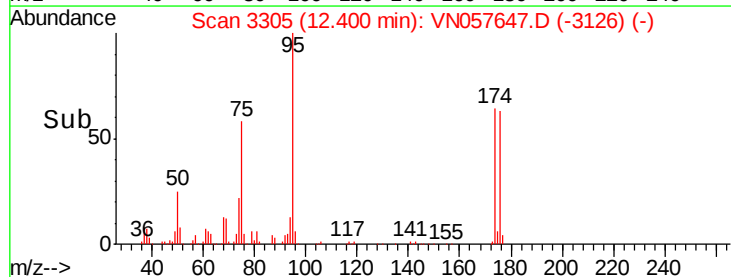
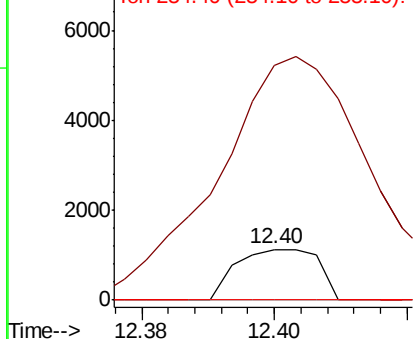


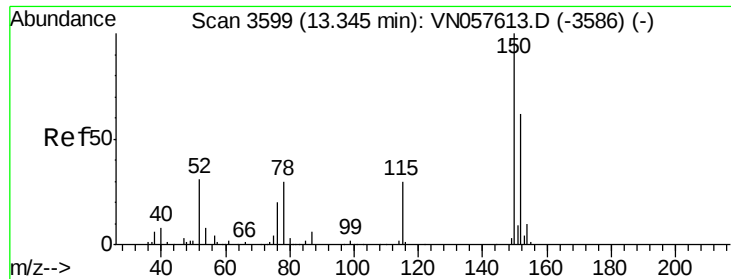
#71
Bromoform
Concen: 6.693 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057647.D
Acq: 1 Sep 2019 16:28

Tgt Ion:173 Resp: 971
Ion Ratio Lower Upper
173 100
175 767.5 24.4 73.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

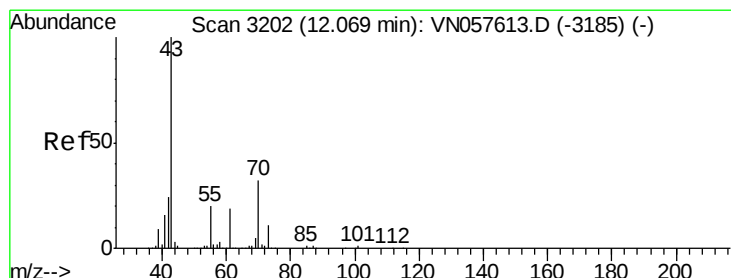
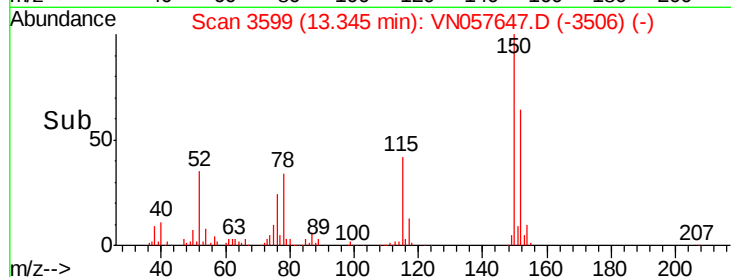
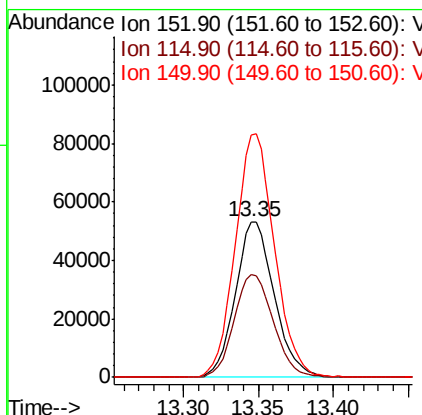
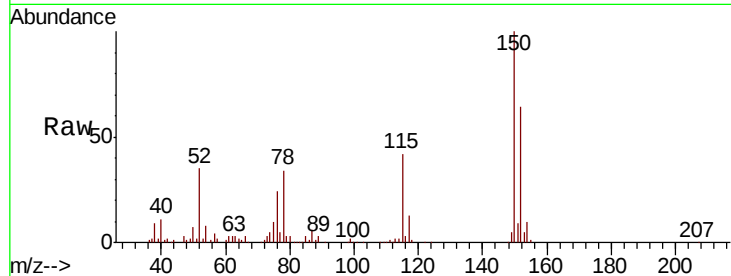




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

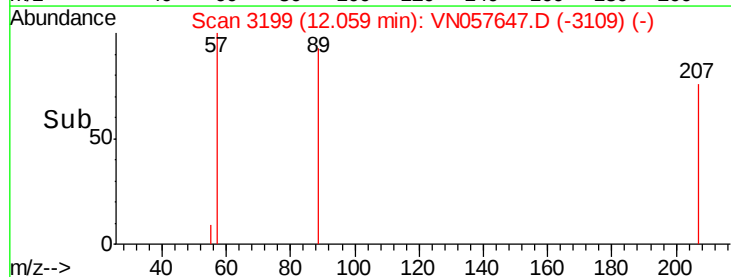
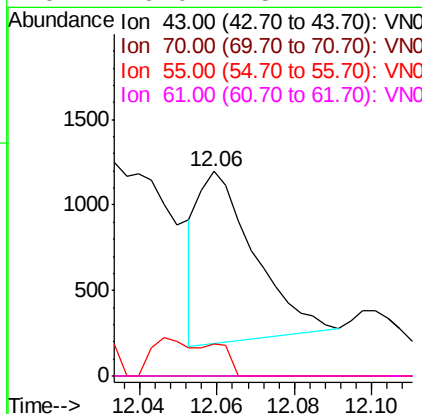
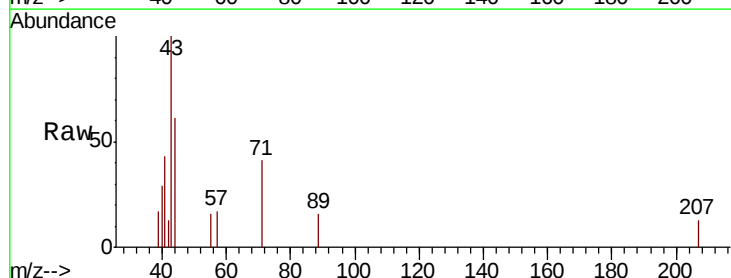
Instrument :
 MSVOA_N
 ClientSampled :
 T16-17-B1-(0)

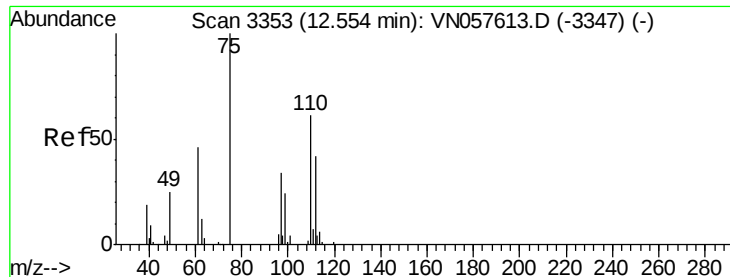
Tgt Ion:152 Resp: 96106
 Ion Ratio Lower Upper
 152 100
 115 66.6 33.2 99.6
 150 157.7 0.0 365.2



#74
 N-ethyl acetate
 Concen: 0.221 ug/l
 RT: 12.06 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Tgt Ion: 43 Resp: 1012
 Ion Ratio Lower Upper
 43 100
 70 0.0 26.9 40.3#
 55 24.5 16.8 25.2
 61 0.0 15.1 22.7#





#76

1,2,3-Trichloropropane

Concen: 38.681 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

Instrument :

MSVOA_N

ClientSampleId :

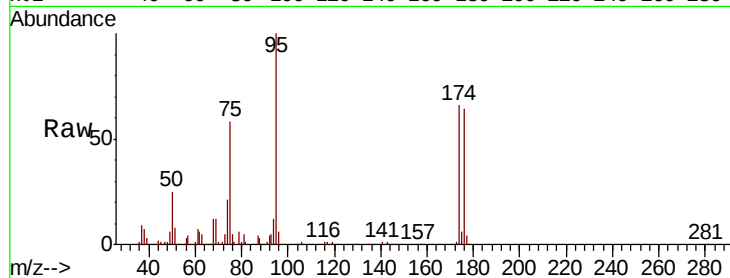
T16-17-B1-(0)

Tgt Ion: 75 Resp: 97787

Ion Ratio Lower Upper

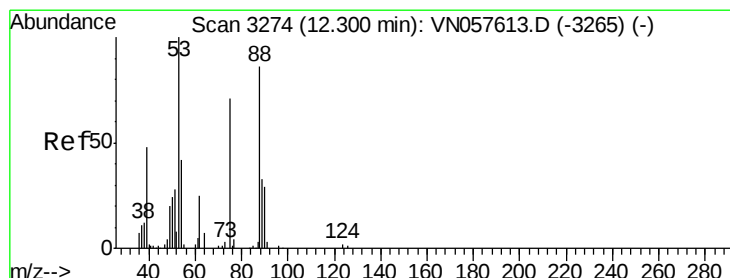
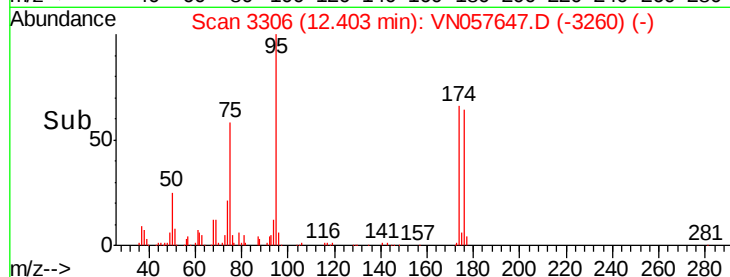
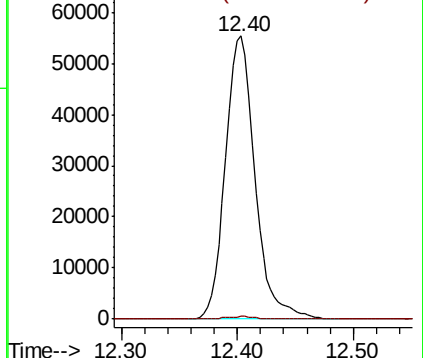
75 100

77 1.0 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: 132.592 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057647.D

Acq: 1 Sep 2019 16:28

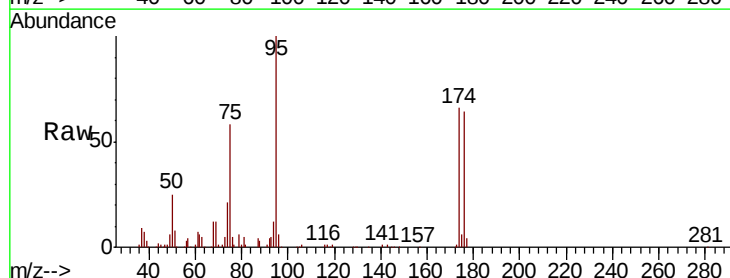
Tgt Ion: 75 Resp: 97787

Ion Ratio Lower Upper

75 100

53 0.0 111.0 166.6#

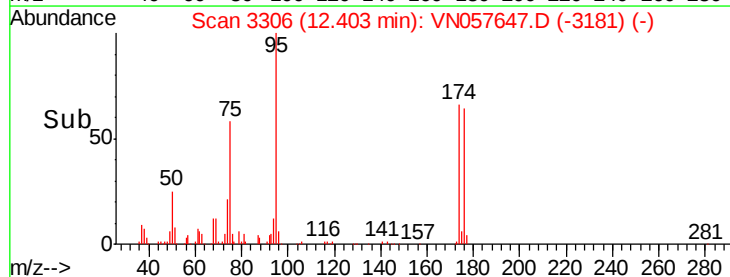
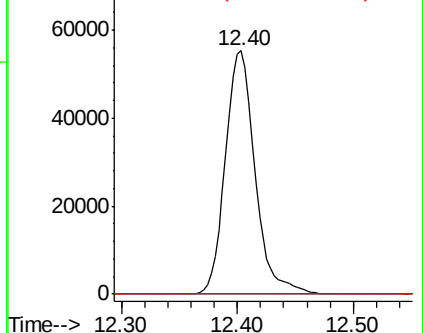
89 0.0 38.3 57.5#

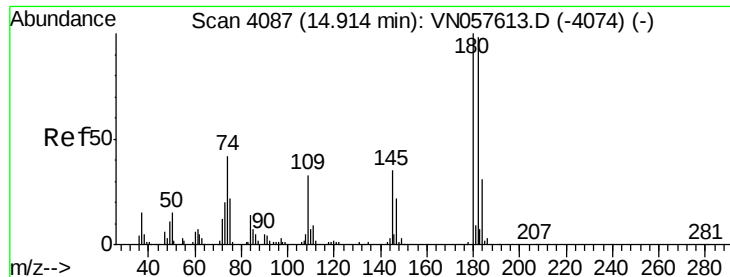


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

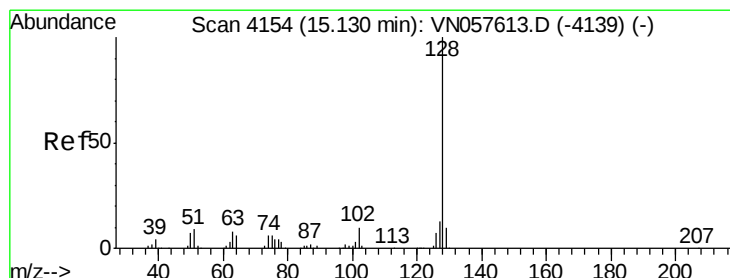
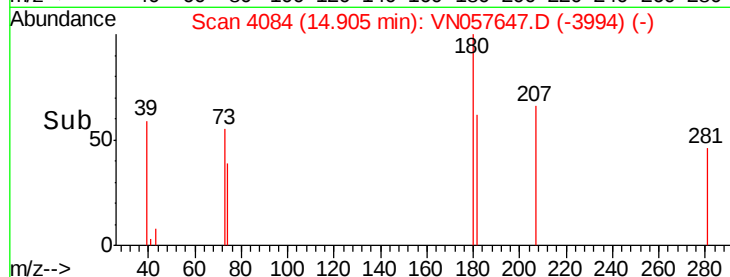
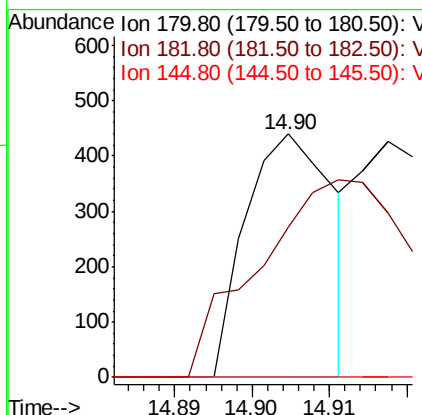
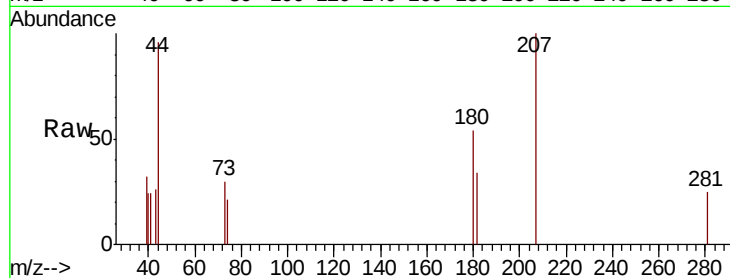




#93
 1,2,4-Trichlorobenzene
 Concen: 8.504 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

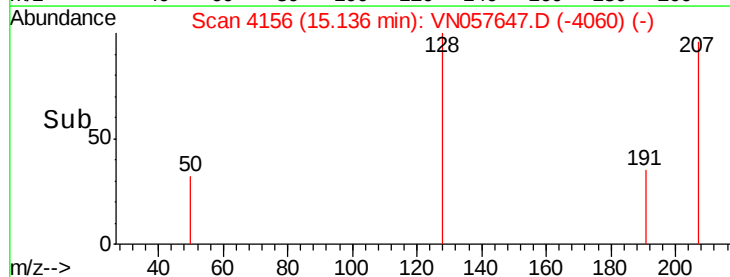
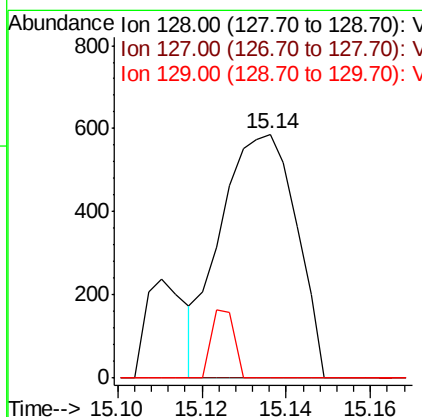
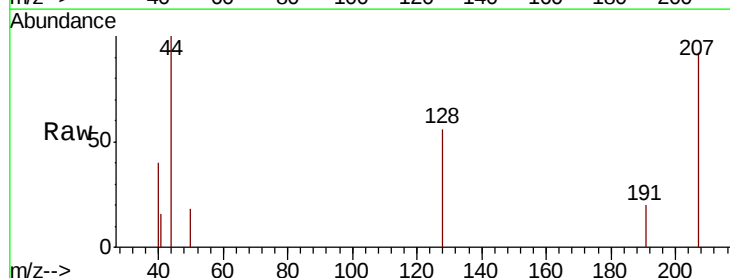
Instrument :
 MSVOA_N
 ClientSampled :
 T16-17-B1-(0)

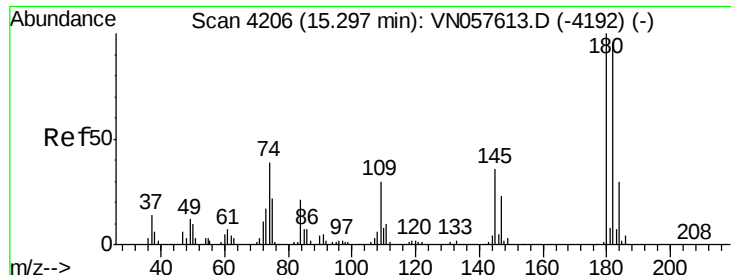
Tgt Ion:180 Resp: 348
 Ion Ratio Lower Upper
 180 100
 182 149.1 47.8 143.3#
 145 0.0 16.9 50.7#



#95
 Naphthalene
 Concen: 7.053 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Tgt Ion:128 Resp: 729
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 8.5 8.6 12.8#

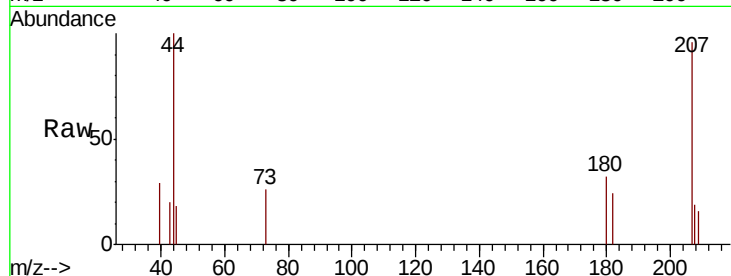




#96
 1,2,3-Trichlorobenzene
 Concen: 7.977 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057647.D
 Acq: 1 Sep 2019 16:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T16-17-B1-(0)

Tgt Ion:180 Resp: 351
 Ion Ratio Lower Upper
 180 100
 182 101.1 46.3 138.9
 145 0.0 17.8 53.3#



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

