

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057639.D
 Acq On : 1 Sep 2019 13:05
 Operator : JC/SP
 Sample : K4527-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

Quant Time: Sep 02 01:51:59 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	179022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	266737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	92077	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	218871	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.58	113	131520	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.08	98	513892	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	153022	38.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.46%	

Target Compounds						Qvalue
5) Bromomethane	2.51	94	747	0.457	ug/l #	76
6) Chloroethane	2.50	64	327	0.226	ug/l #	44
11) Tert butyl alcohol	4.72	59	3977	9.376	ug/l #	81
13) Acrolein	3.59	56	213	1.263	ug/l #	24
16) Acetone	3.81	43	8555	7.548	ug/l #	90
18) Methyl Acetate	4.31	43	6737	1.731	ug/l #	80
20) Methylene Chloride	4.52	84	9724	3.466	ug/l	98
25) 2-Butanone	6.83	43	908	0.481	ug/l #	53
31) Cyclohexane	7.65	56	6187	1.155	ug/l #	24
36) 1,1-Dichloropropene	7.65	75	18545	4.513	ug/l #	53
38) Carbon Tetrachloride	7.65	117	19935	5.420	ug/l #	15
41) Methacrylonitrile	7.16	41	59	2.309	ug/l #	47
43) Isopropyl Acetate	8.16	43	41875	5.946	ug/l	99
45) 1,2-Dichloropropane	9.26	63	680	0.204	ug/l #	44
48) Methyl methacrylate	9.18	41	3446	0.958	ug/l #	34
51) 4-Methyl-2-Pentanone	9.99	43	3909	0.968	ug/l	98
53) t-1,3-Dichloropropene	10.28	75	88	3.238	ug/l #	45
54) cis-1,3-Dichloropropene	9.90	75	19951	5.551	ug/l #	70
56) Ethyl methacrylate	10.54	69	1018	0.227	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	2408	0.489	ug/l #	43
59) 2-Hexanone	10.76	43	42762	14.427	ug/l #	56
70) Styrene	11.97	104	305	2.619	ug/l #	53
71) Bromoform	12.39	173	83	6.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	89958	37.141	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	89958	127.314	ug/l #	1
88) 1,4-Dichlorobenzene	13.28	146	634	0.204	ug/l	83
89) n-Butylbenzene	13.62	91	1645	0.243	ug/l #	88
91) 1,2-Dichlorobenzene	13.66	146	810	0.263	ug/l	85
93) 1,2,4-Trichlorobenzene	14.91	180	1134	9.005	ug/l #	89
94) Hexachlorobutadiene	15.00	225	453	0.429	ug/l	80
95) Naphthalene	15.13	128	2148	7.370	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.30	180	836	8.293	ug/l #	58

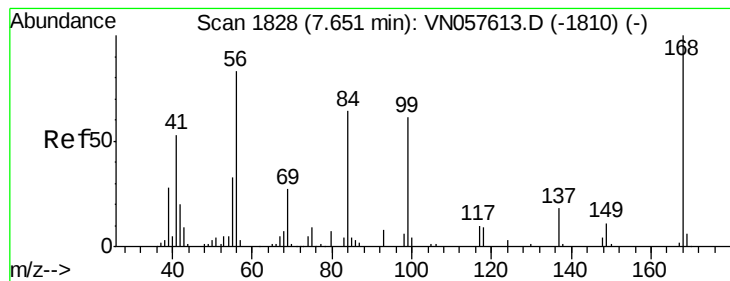
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
Data File : VN057639.D
Acq On : 1 Sep 2019 13:05
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

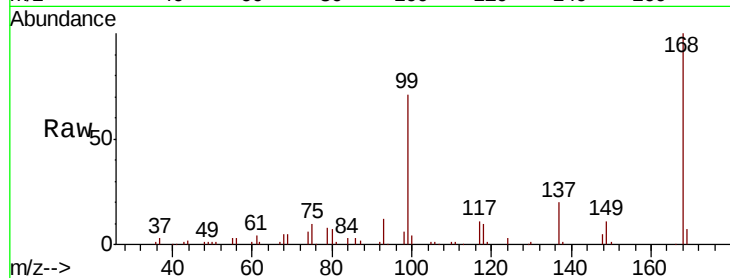
T9-12-13-N4-(1.9)

Tgt Ion:168 Resp: 179022

Ion Ratio Lower Upper

168 100

99 71.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

80000

60000

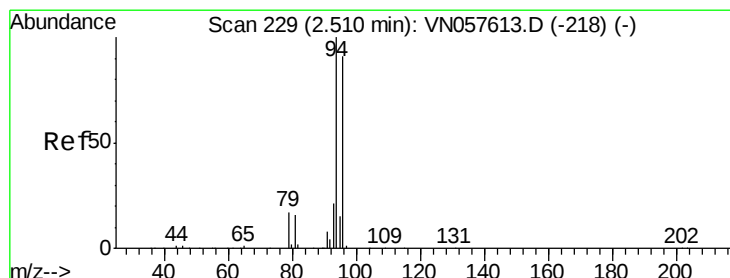
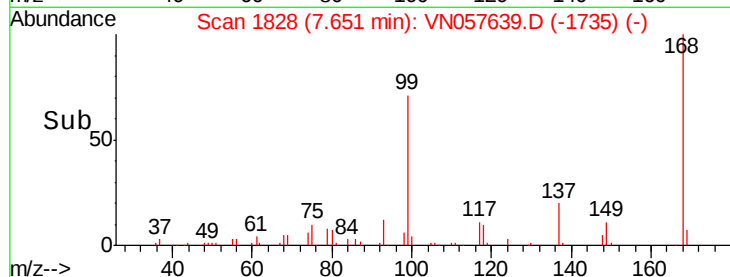
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: 0.457 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.00 min

Lab File: VN057639.D

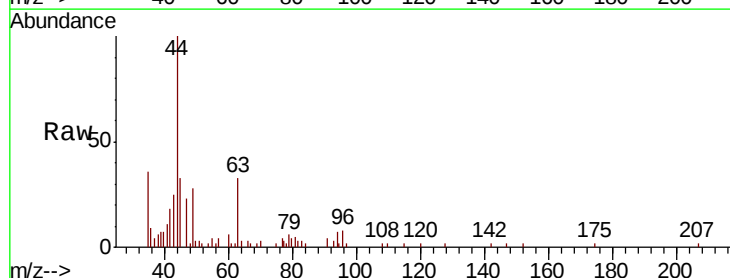
Acq: 1 Sep 2019 13:05

Tgt Ion: 94 Resp: 747

Ion Ratio Lower Upper

94 100

96 113.9 72.9 109.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.51

600

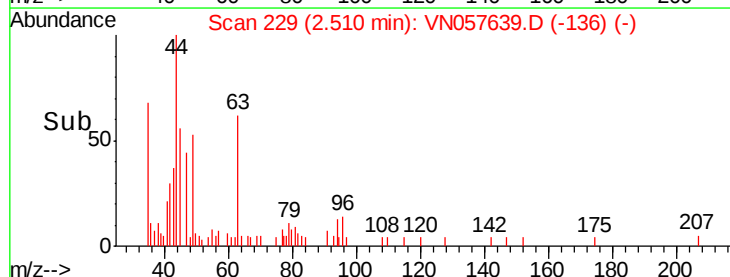
400

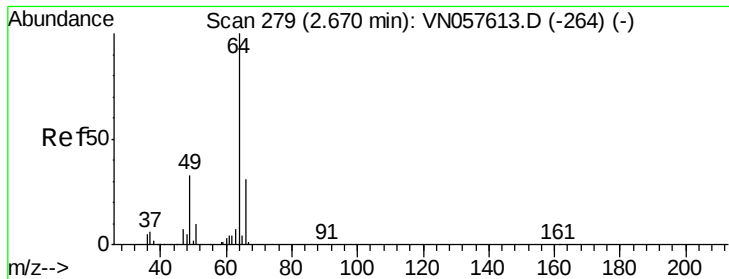
200

0

Time-->

2.48 2.50 2.52 2.54





#6

Chloroethane

Concen: 0.226 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.17 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

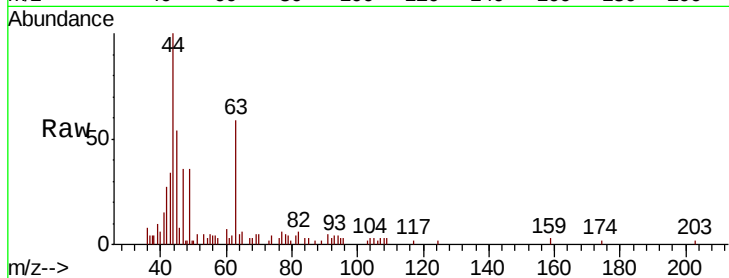
T9-12-13-N4-(1.9)

Tgt Ion: 64 Resp: 327

Ion Ratio Lower Upper

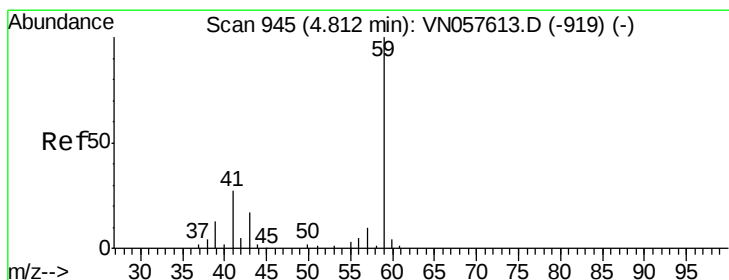
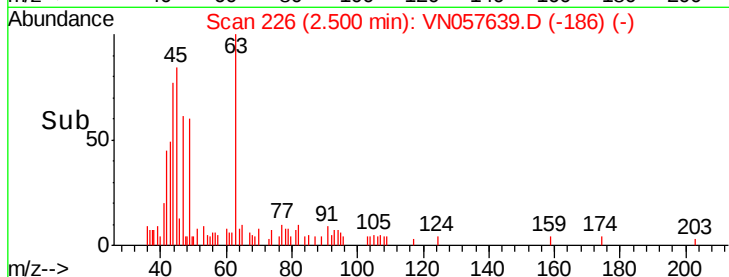
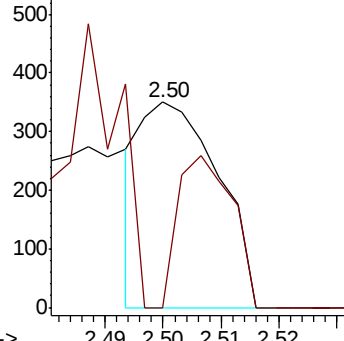
64 100

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



#11

Tert butyl alcohol

Concen: 9.376 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.10 min

Lab File: VN057639.D

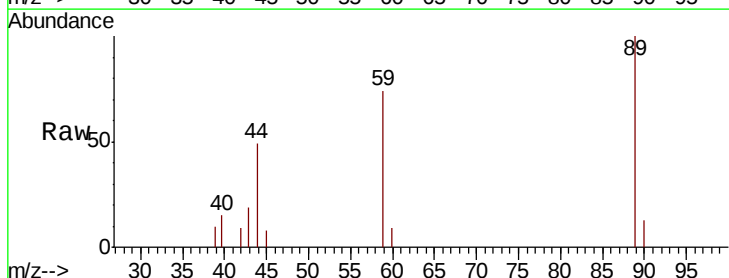
Acq: 1 Sep 2019 13:05

Tgt Ion: 59 Resp: 3977

Ion Ratio Lower Upper

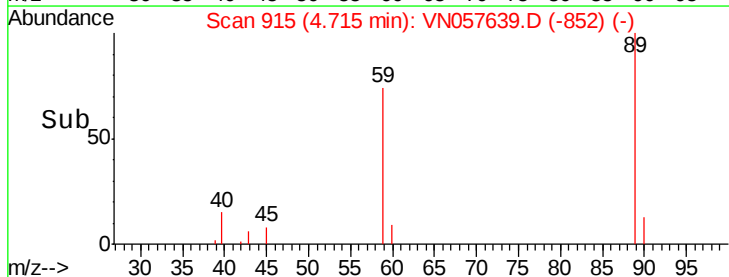
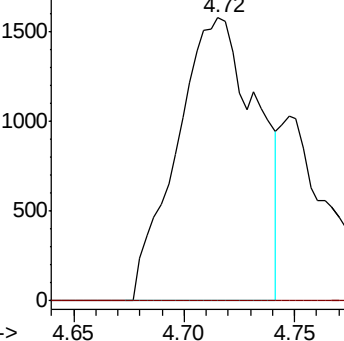
59 100

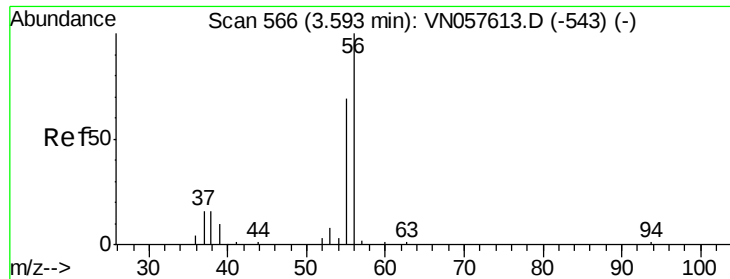
57 0.0 5.0 7.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

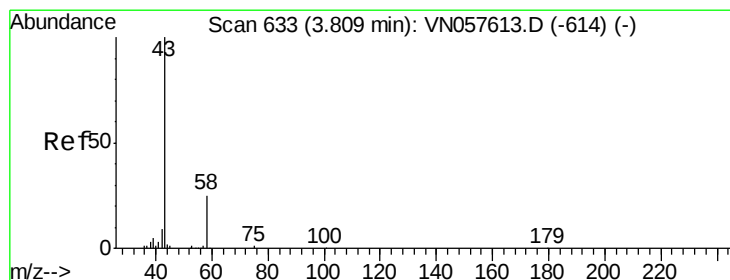
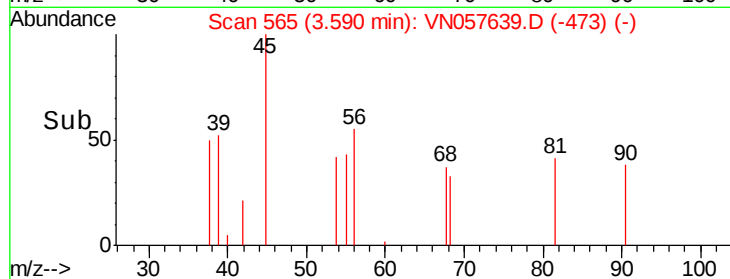
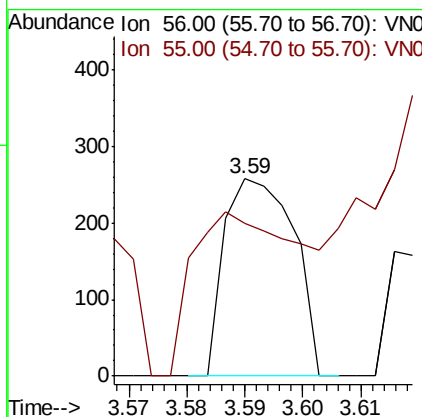
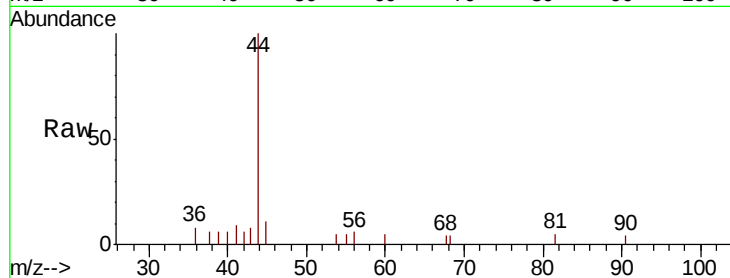




#13
Acrolein
Concen: 1.263 ug/l
RT: 3.59 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

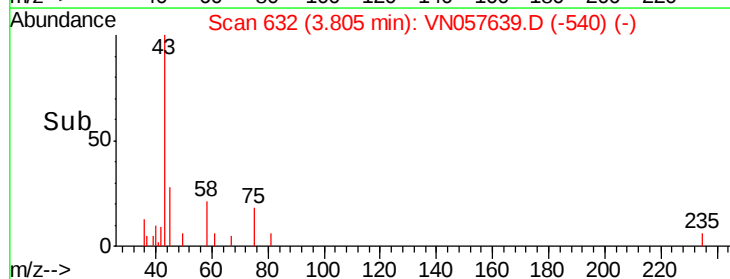
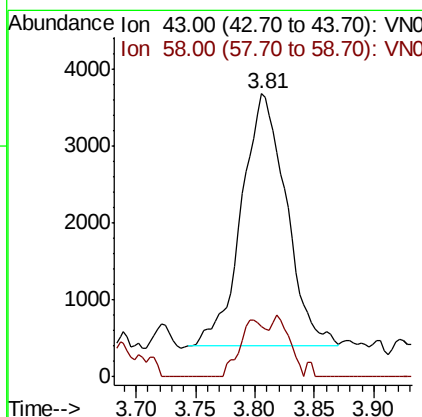
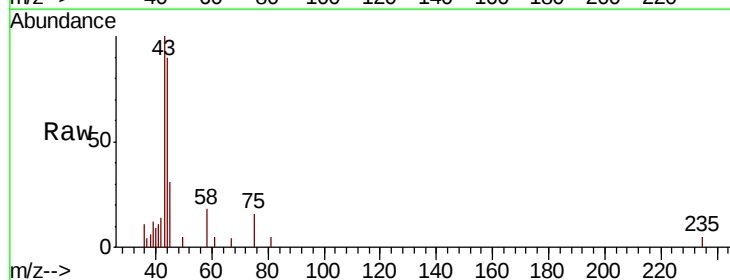
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

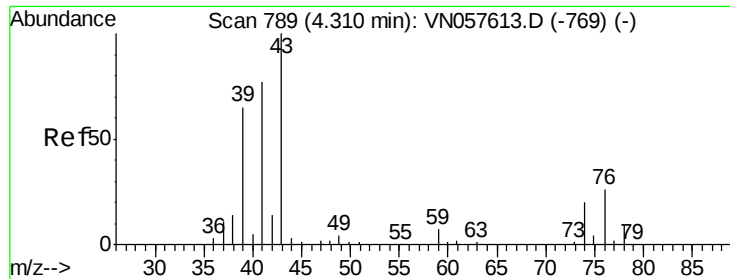
Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
55 132.9 56.5 84.7#



#16
Acetone
Concen: 7.548 ug/l
RT: 3.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion: 43 Resp: 8555
Ion Ratio Lower Upper
43 100
58 19.9 20.0 30.0#

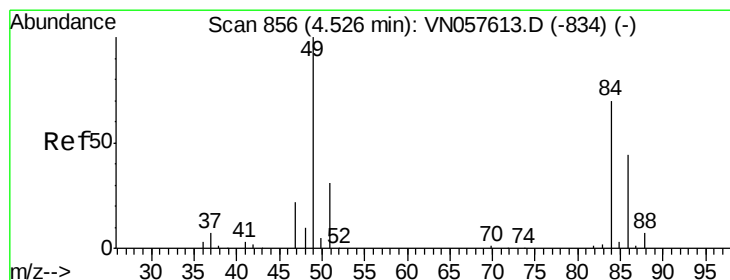
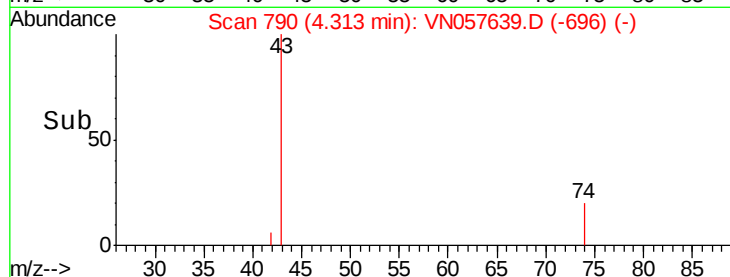
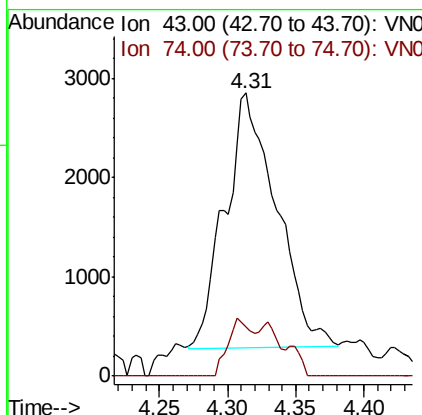
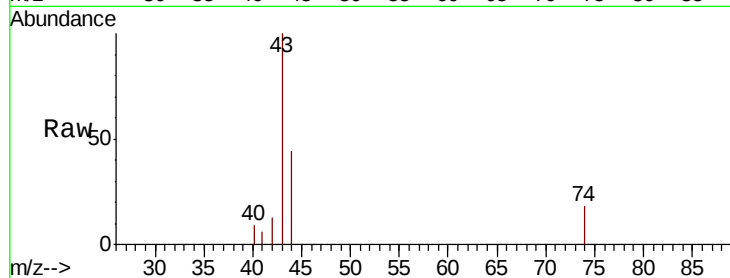




#18
Methyl Acetate
Concen: 1.731 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

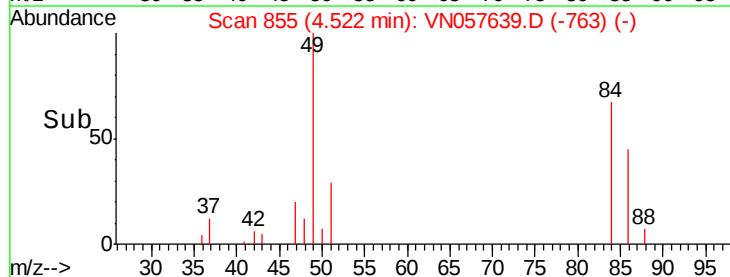
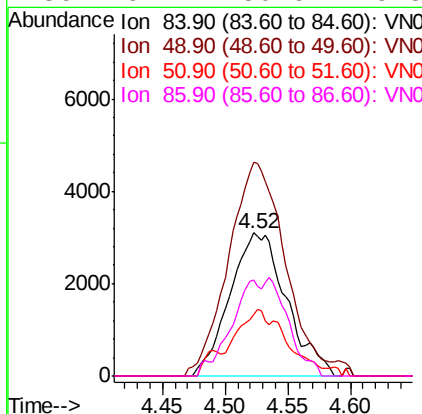
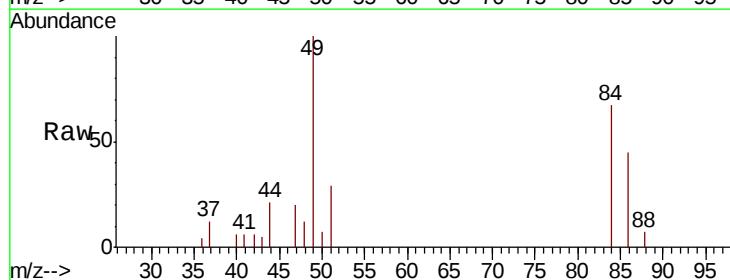
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

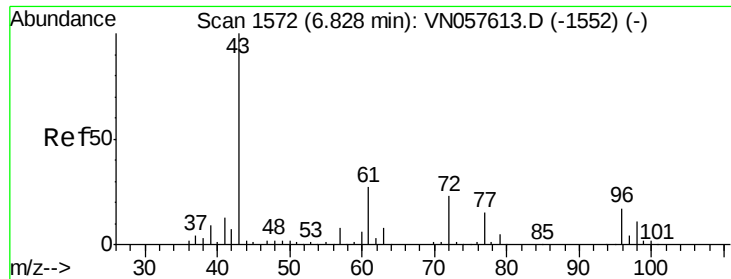
Tgt Ion: 43 Resp: 6737
Ion Ratio Lower Upper
43 100
74 10.6 15.7 23.5#



#20
Methylene Chloride
Concen: 3.466 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion: 84 Resp: 9724
Ion Ratio Lower Upper
84 100
49 143.8 113.8 170.6
51 43.4 35.0 52.6
86 67.2 50.6 75.8





#25

2-Butanone

Concen: 0.481 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

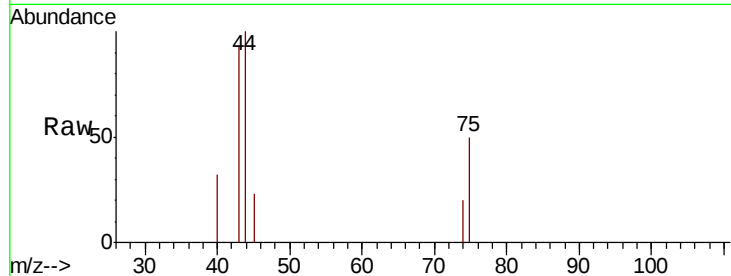
T9-12-13-N4-(1.9)

Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

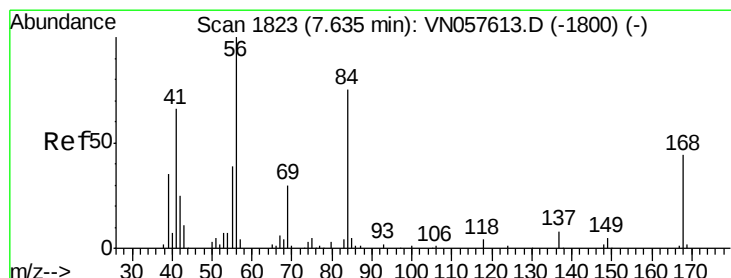
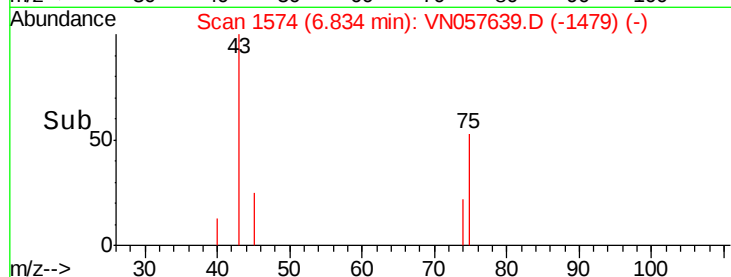
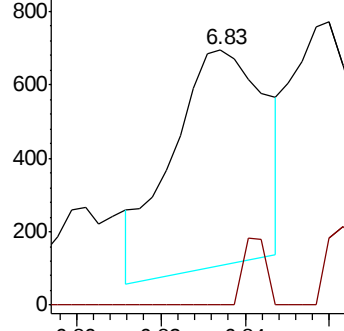
43 100

72 0.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

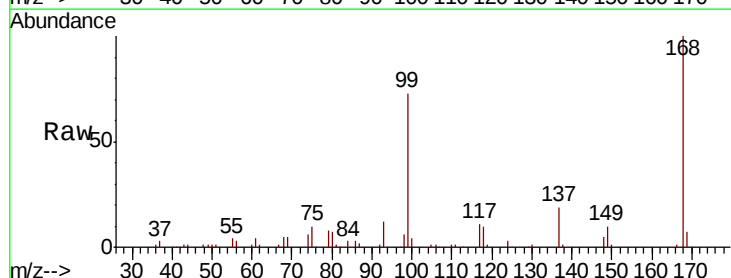
Tgt Ion: 56 Resp: 6187

Ion Ratio Lower Upper

56 100

69 146.0 24.4 36.6#

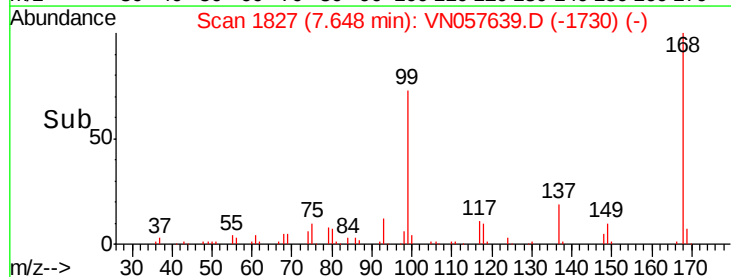
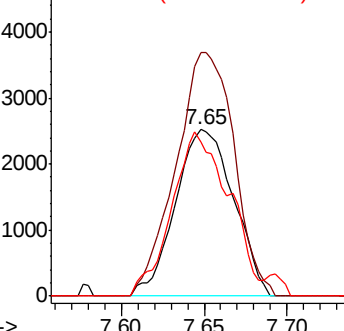
84 92.7 59.9 89.9#

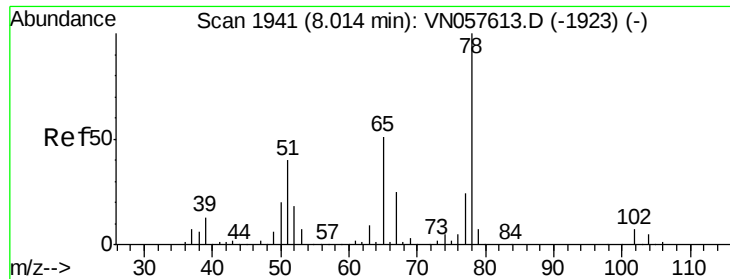


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.121 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

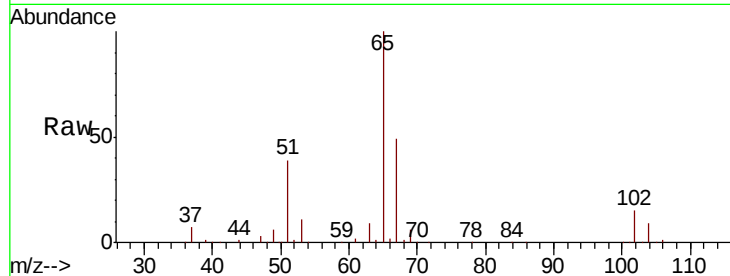
T9-12-13-N4-(1.9)

Tgt Ion: 65 Resp: 218871

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN057639.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057639.D (-1923) (-)

8.01

100000

80000

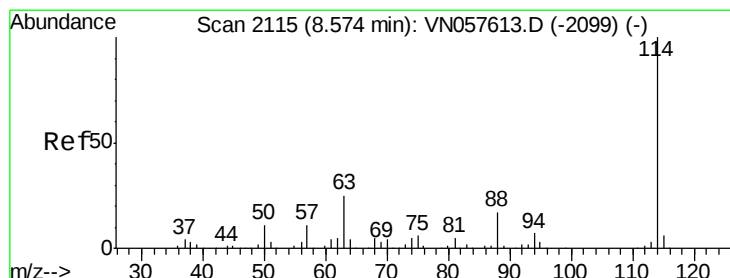
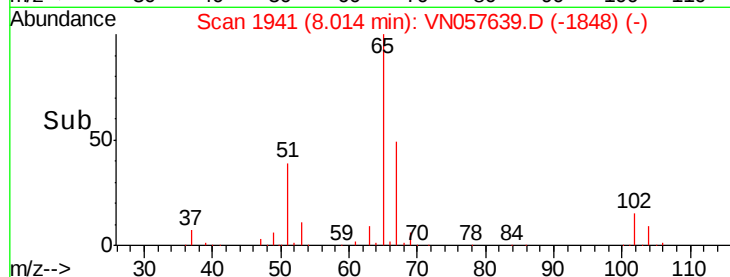
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

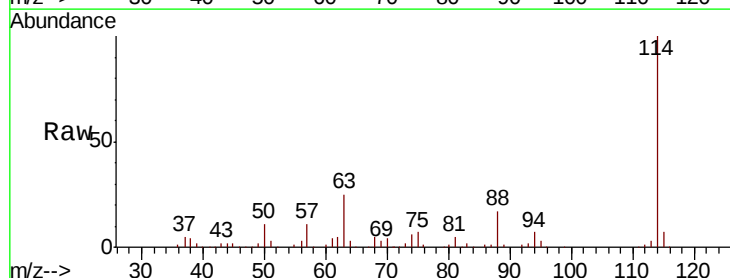
Tgt Ion: 114 Resp: 309941

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.0

88 17.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN057639.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN057639.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN057639.D (-2099) (-)

200000

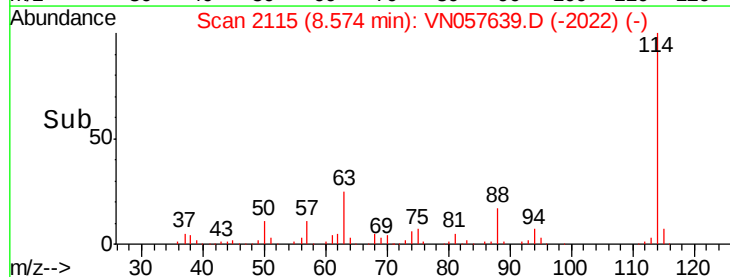
150000

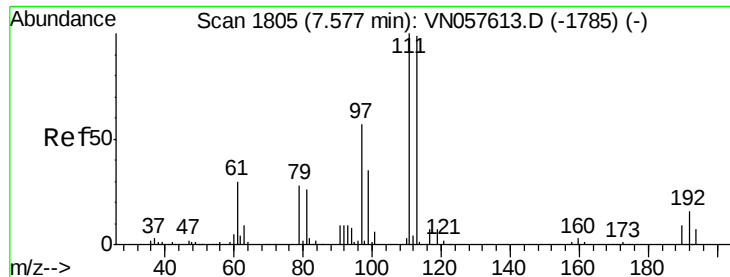
100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70

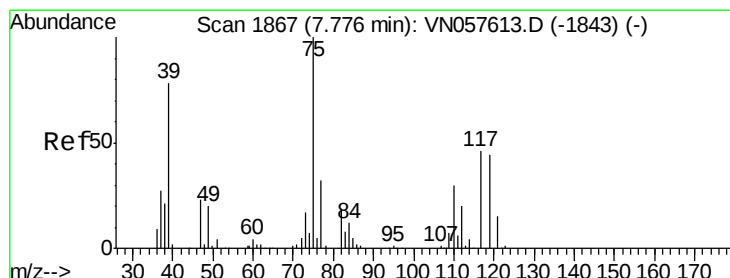
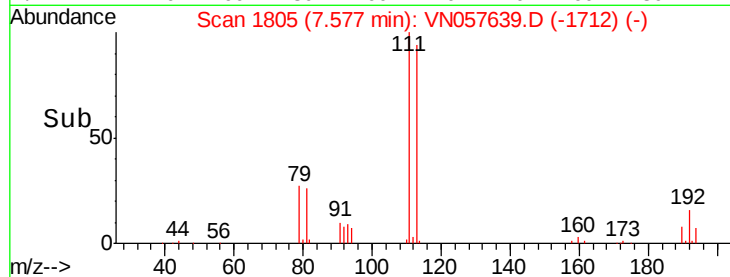
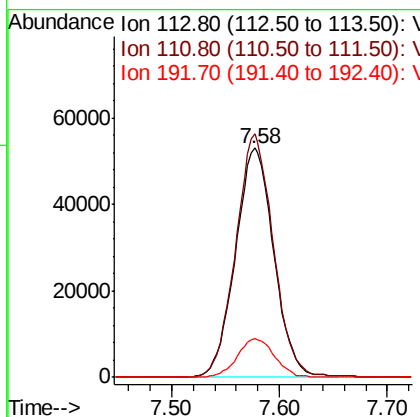
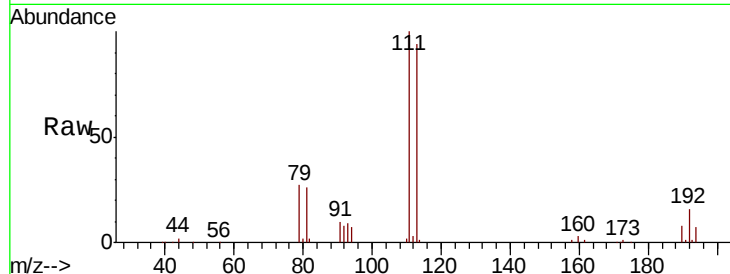




#35
 Dibromofluoromethane
 Concen: 48.591 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

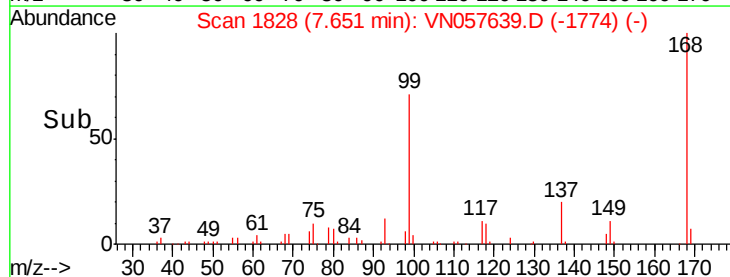
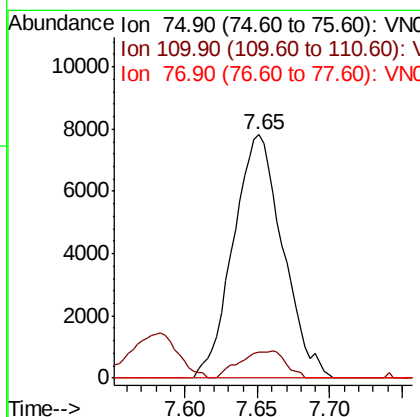
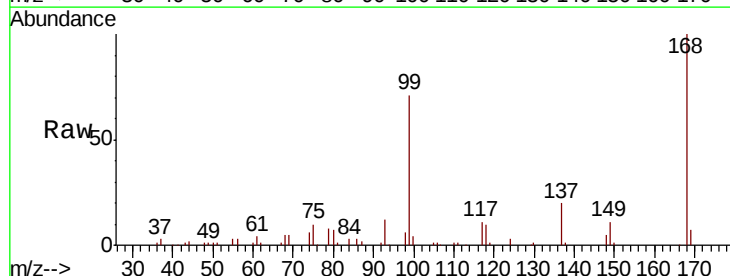
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

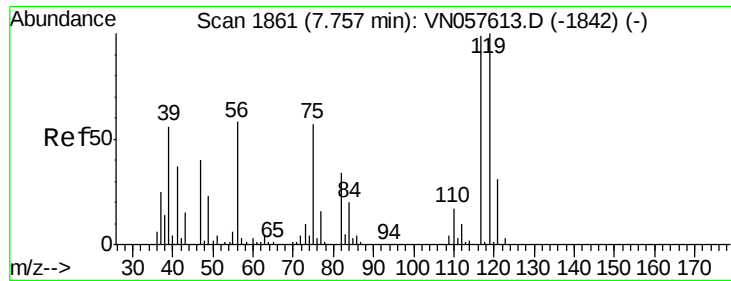
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.3	121.9
192	16.3	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 4.513 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	15.6	46.8#
77	0.0	24.9	37.3#

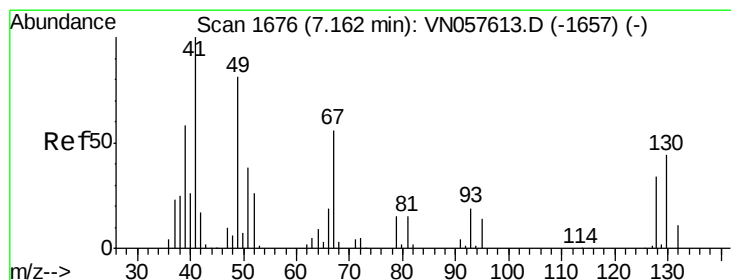
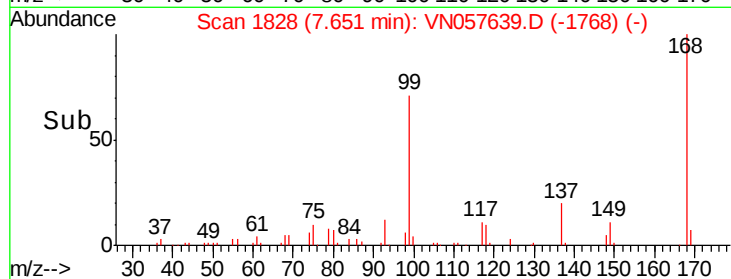
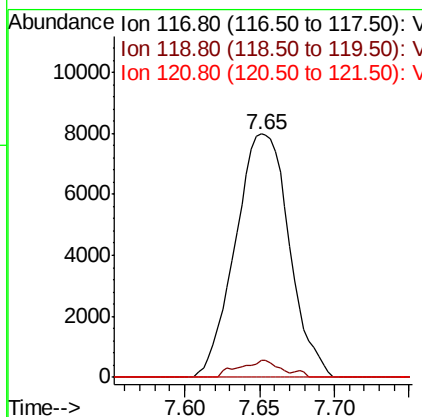
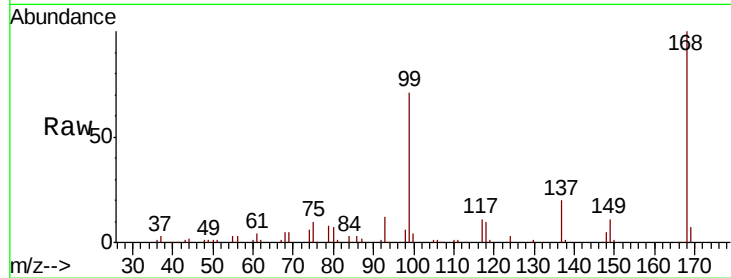




#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

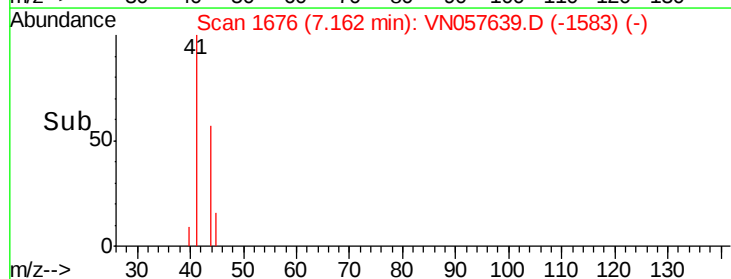
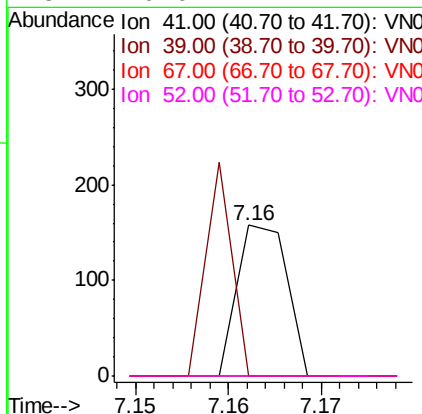
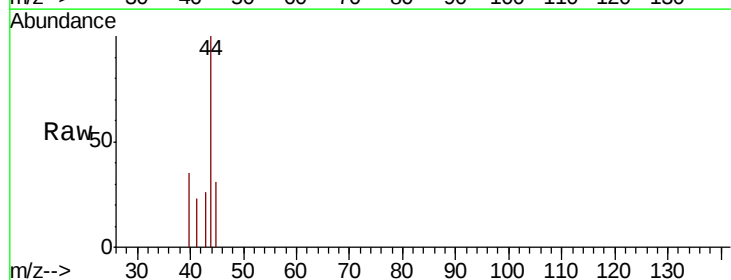
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

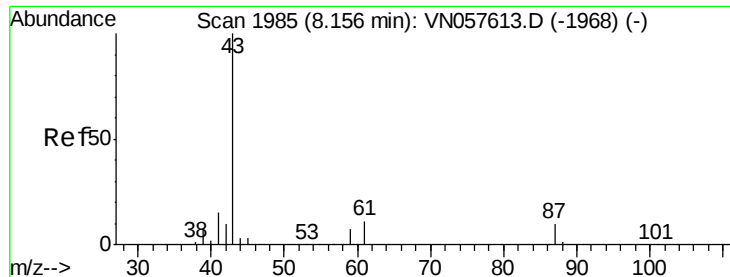
Tgt Ion: 117 Resp: 19935
Ion Ratio Lower Upper
117 100
119 6.8 80.6 120.8#
121 0.0 25.1 37.7#



#41
Methacrylonitrile
Concen: 2.309 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
39 72.9 50.6 75.8
67 0.0 56.9 85.3#
52 0.0 27.4 41.2#

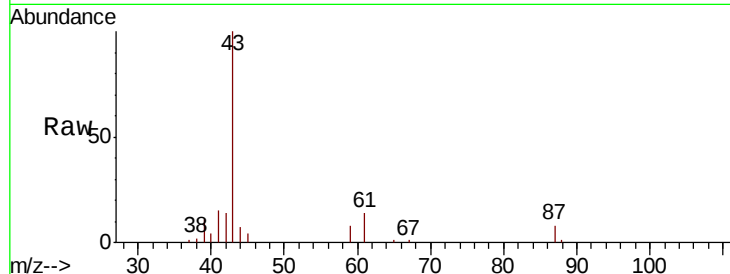




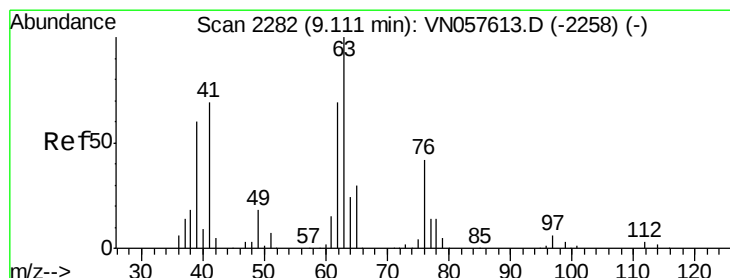
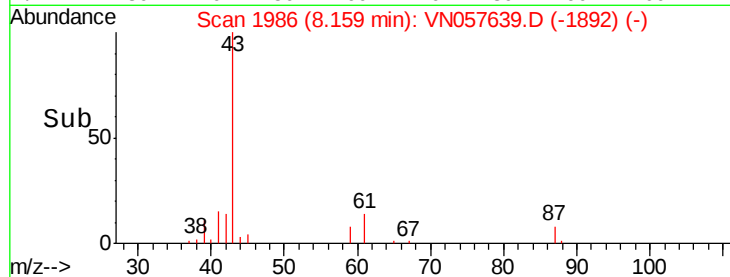
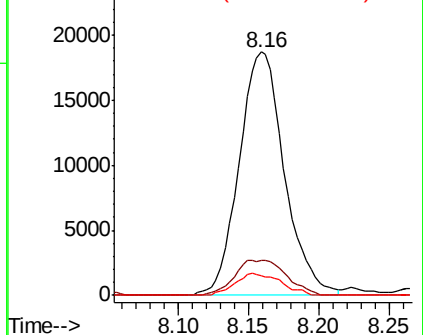
#43
Isopropyl Acetate
Concen: 5.946 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

Tgt Ion: 43 Resp: 41875
Ion Ratio Lower Upper
43 100
61 16.5 13.1 19.7
87 9.1 8.1 12.1

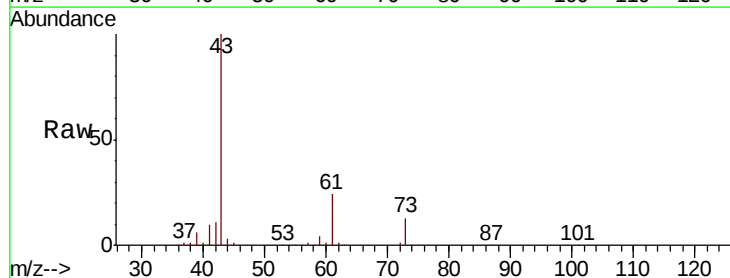


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

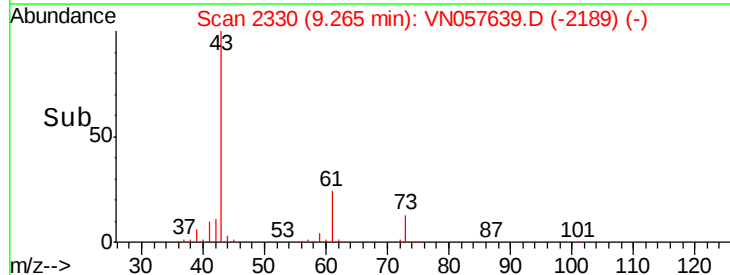
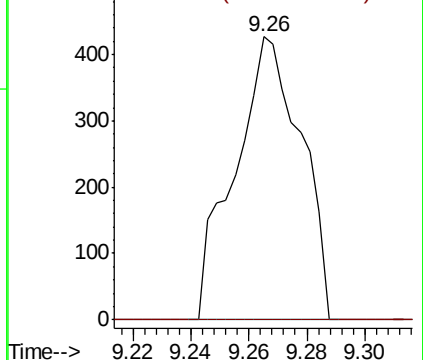


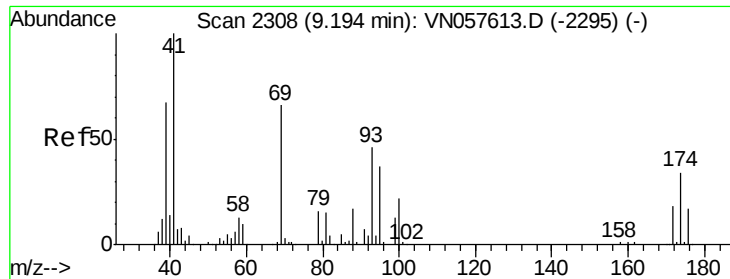
#45
1,2-Dichloropropane
Concen: 0.204 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion: 63 Resp: 680
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0

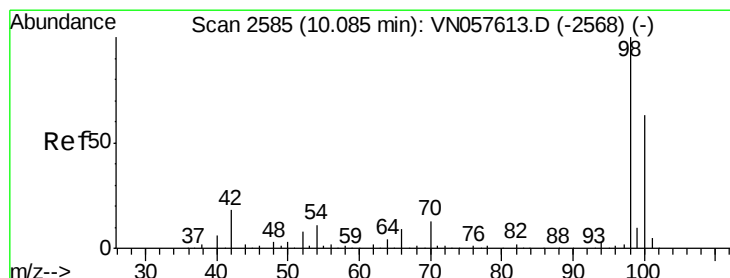
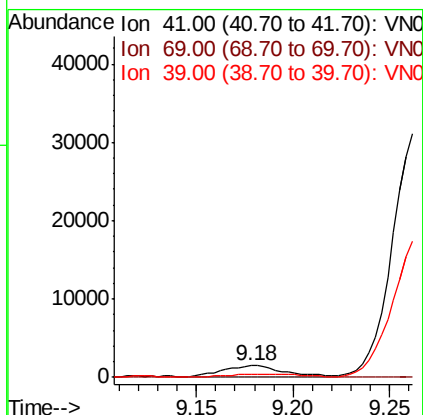
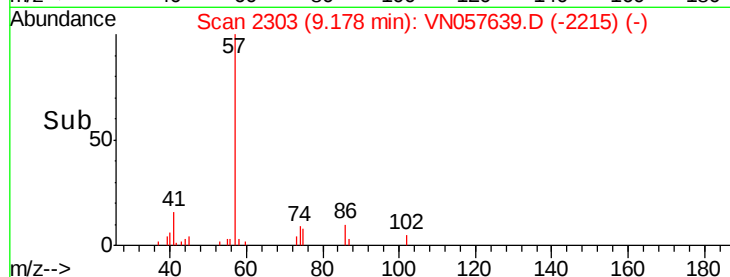
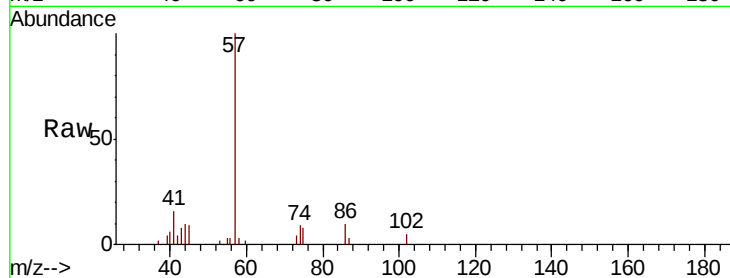




#48
Methyl methacrylate
Concen: 0.958 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

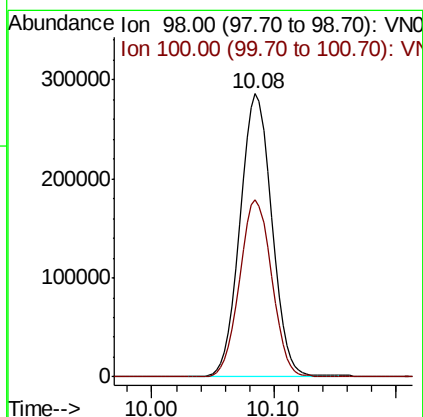
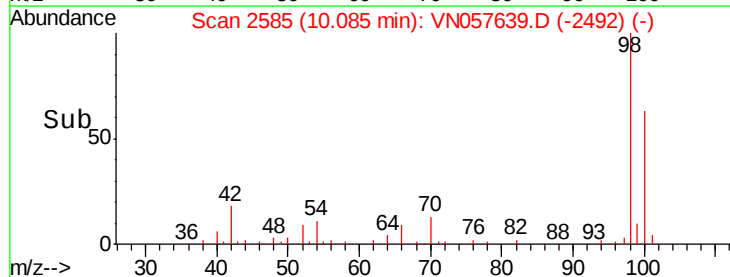
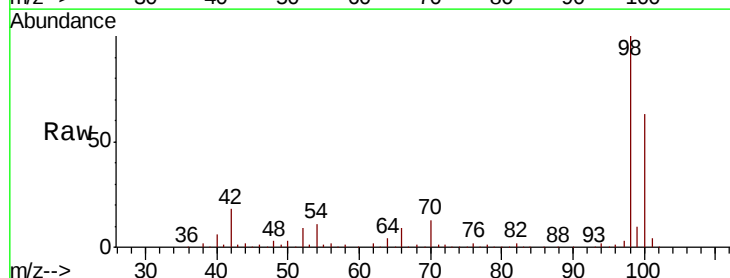
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

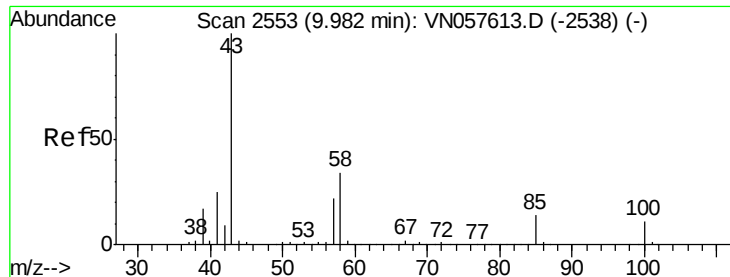
Tgt Ion: 41 Resp: 3446
Ion Ratio Lower Upper
41 100
69 0.0 55.1 82.7#
39 30.9 55.4 83.2#



#50
Toluene-d8
Concen: 49.453 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion: 98 Resp: 513892
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8

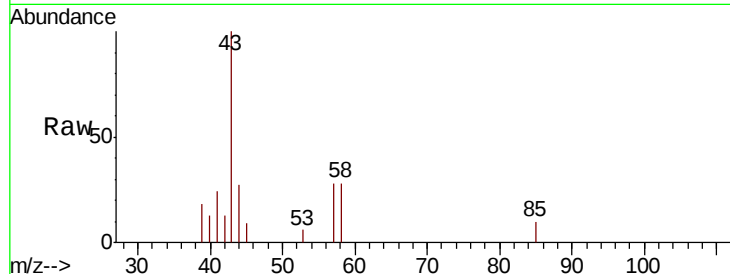




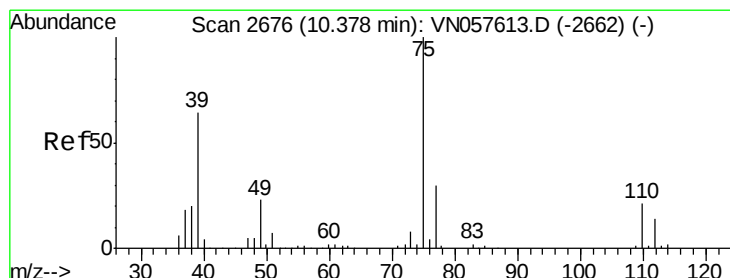
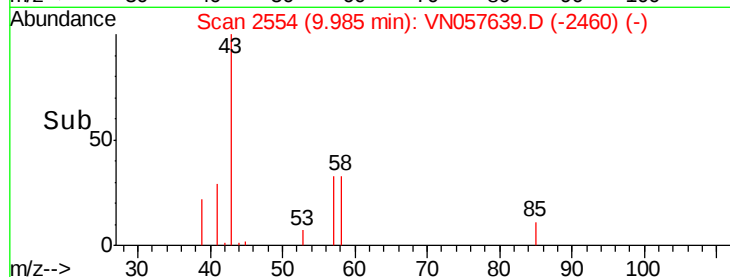
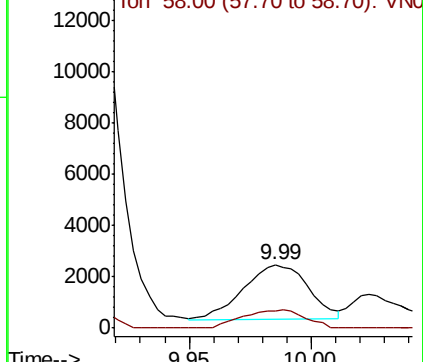
#51
 4-Methyl-2-Pentanone
 Concen: 0.968 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

Tgt Ion: 43 Resp: 3909
 Ion Ratio Lower Upper
 43 100
 58 32.4 26.9 40.3

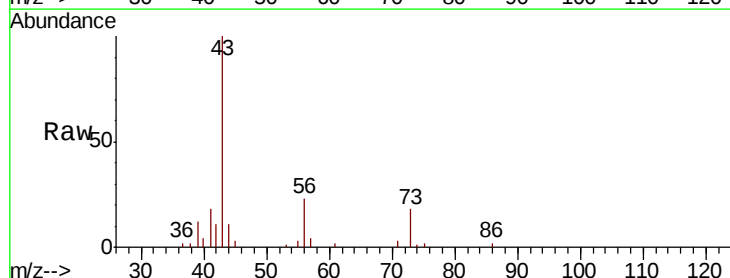


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

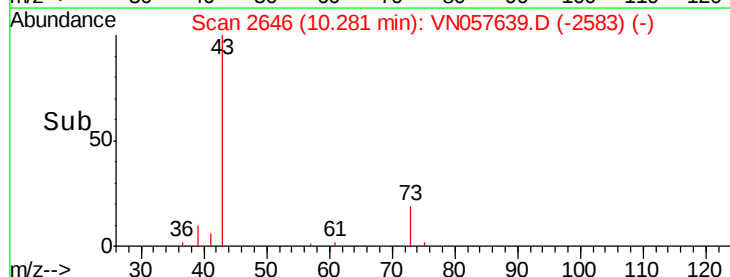
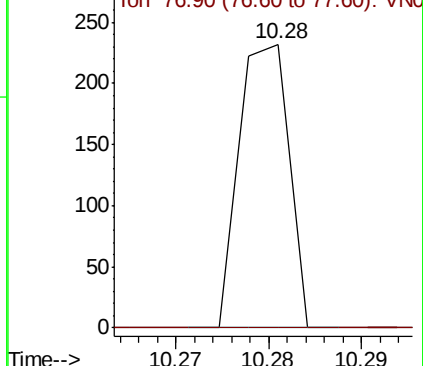


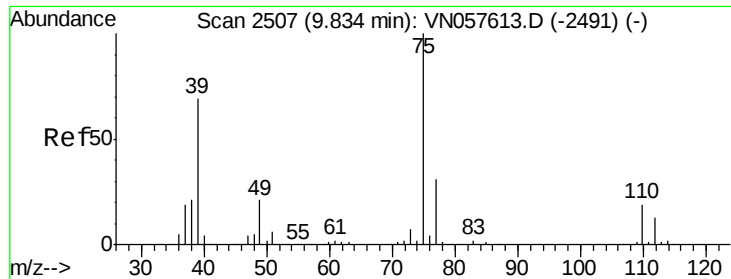
#53
 t-1,3-Dichloropropene
 Concen: 3.238 ug/l
 RT: 10.28 min Scan# 2646
 Delta R.T. -0.10 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0



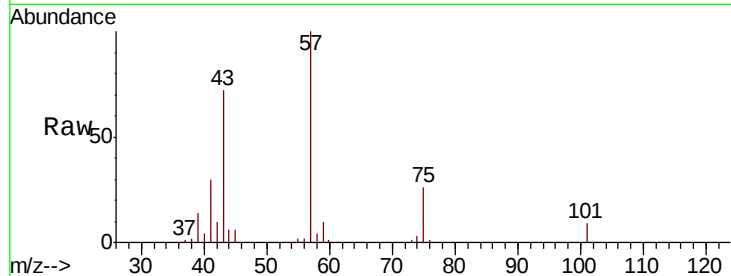


#54

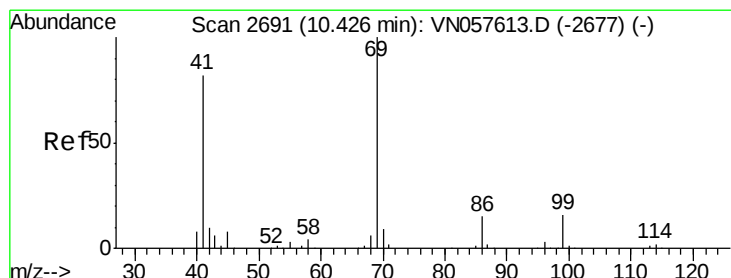
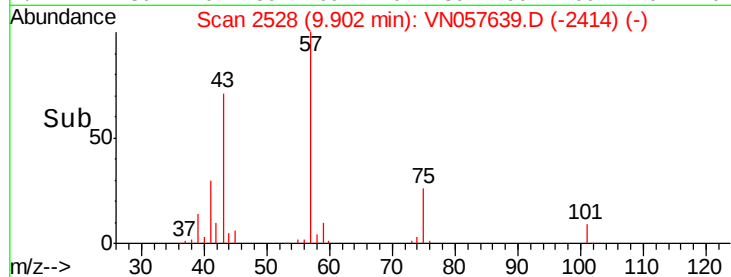
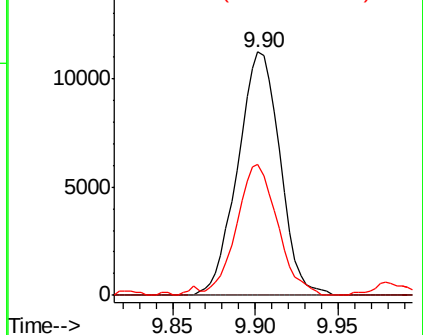
cis-1,3-Dichloropropene
 Concen: 5.551 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

Tgt Ion: 75 Resp: 19951
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 54.0 55.0 82.4#



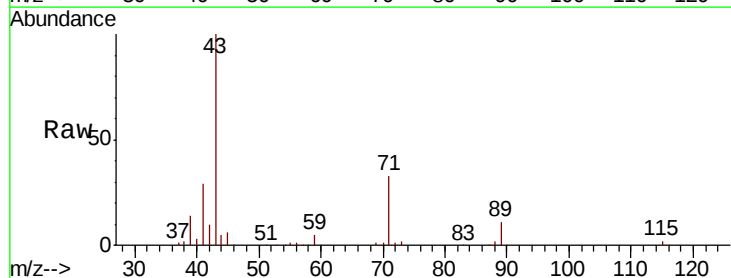
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



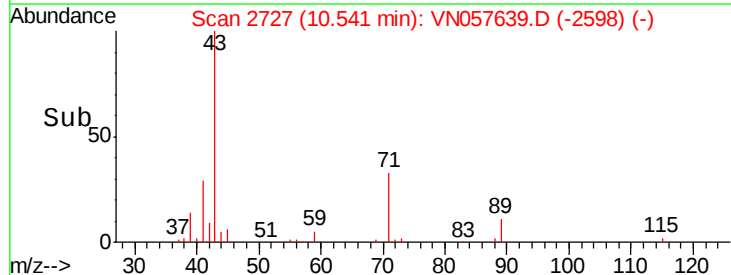
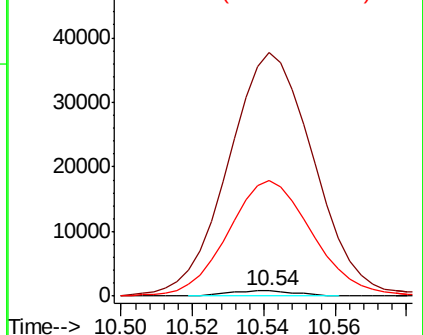
#56

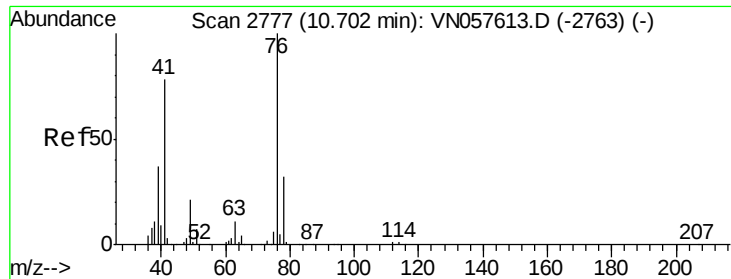
Ethyl methacrylate
 Concen: 0.227 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion: 69 Resp: 1018
 Ion Ratio Lower Upper
 69 100
 41 6221.0 65.8 98.6#
 39 2892.0 43.8 65.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.489 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

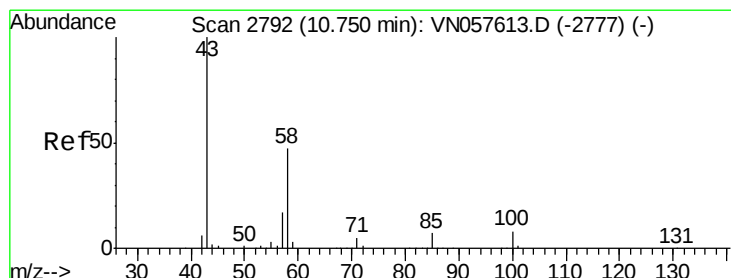
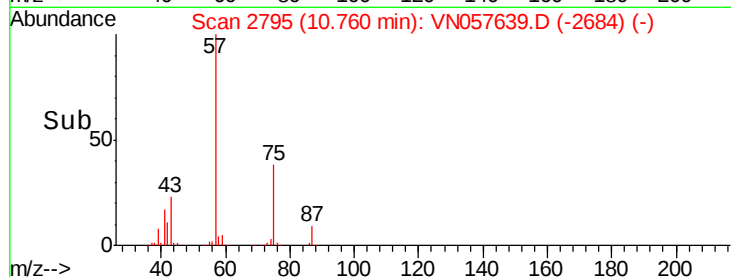
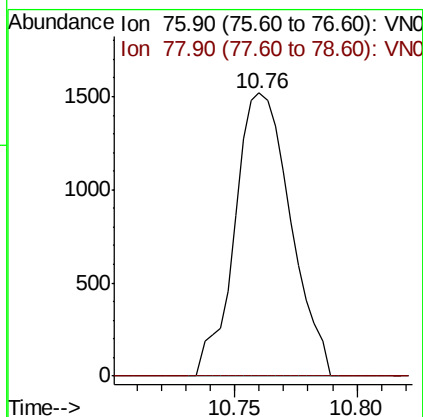
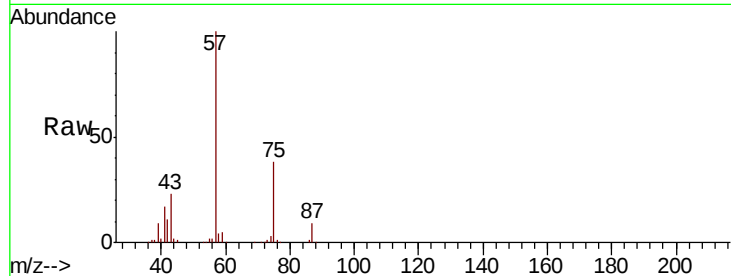
T9-12-13-N4-(1.9)

Tgt Ion: 76 Resp: 2408

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#



#59

2-Hexanone

Concen: 14.427 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN057639.D

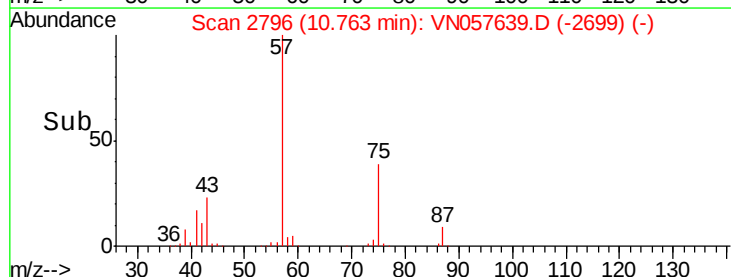
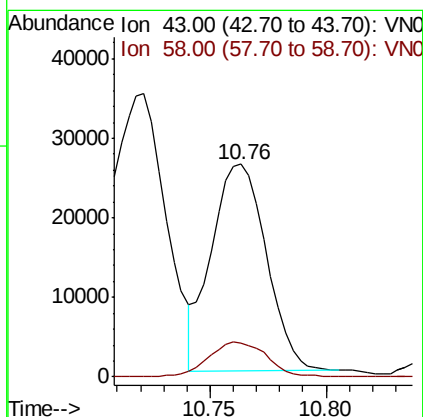
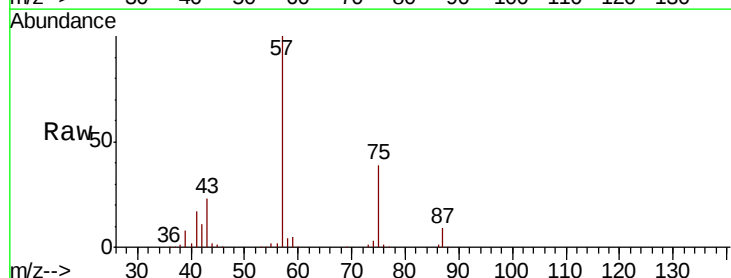
Acq: 1 Sep 2019 13:05

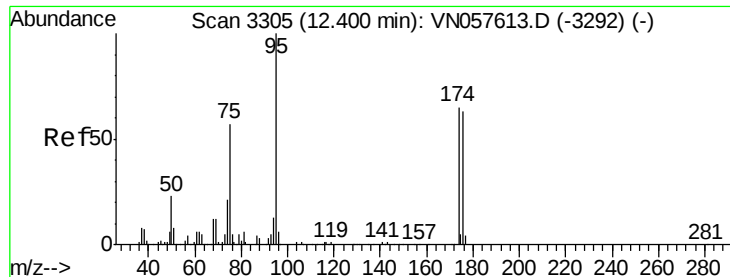
Tgt Ion: 43 Resp: 42762

Ion Ratio Lower Upper

43 100

58 17.8 23.5 70.5#





#62

4-Bromofluorobenzene

Concen: 38.725 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-N4-(1.9)

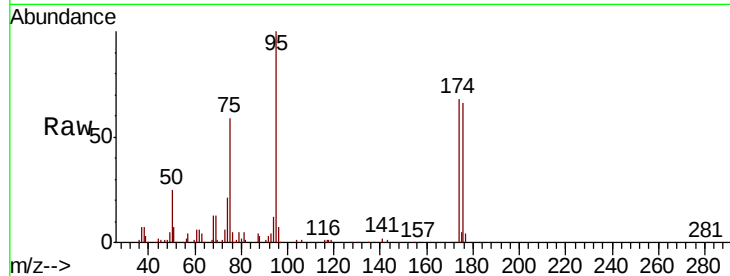
Tgt Ion: 95 Resp: 153022

Ion Ratio Lower Upper

95 100

174 67.7 0.0 134.8

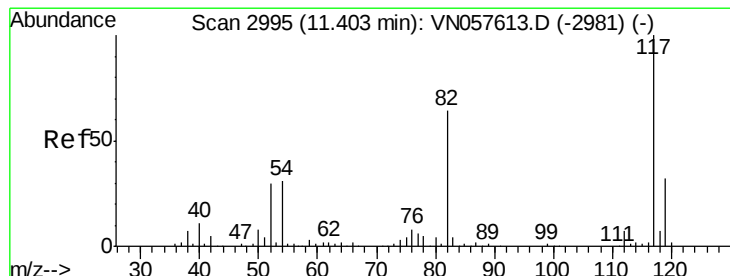
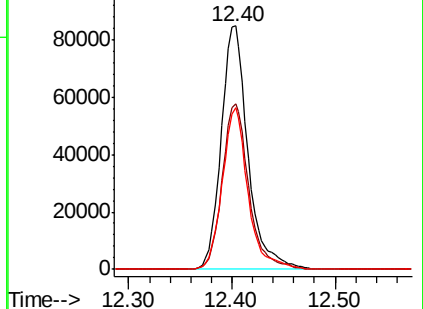
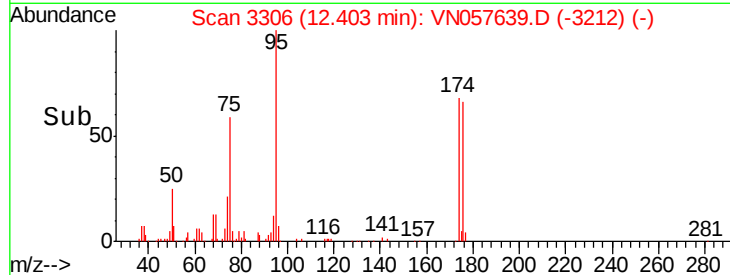
176 63.6 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

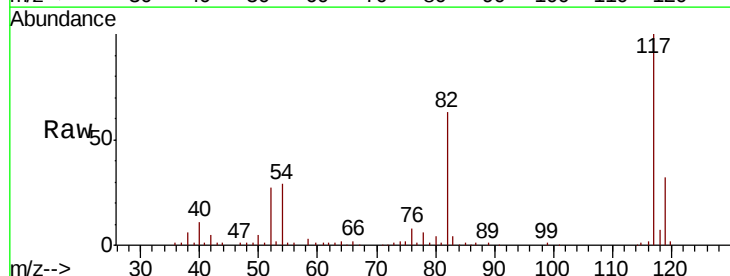
Tgt Ion: 117 Resp: 266737

Ion Ratio Lower Upper

117 100

82 63.2 51.6 77.4

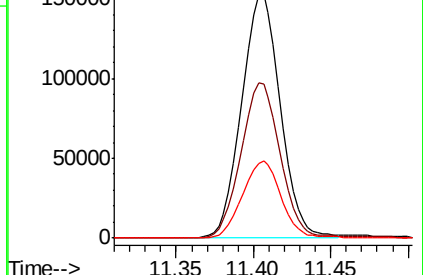
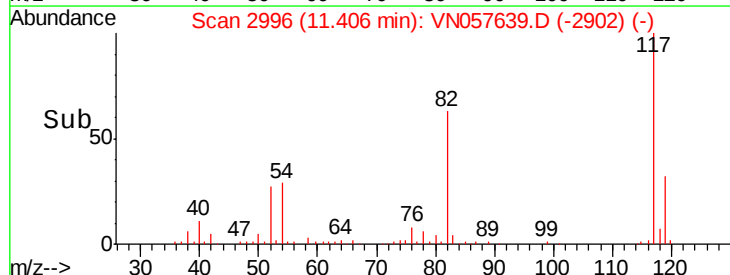
119 31.8 25.8 38.6

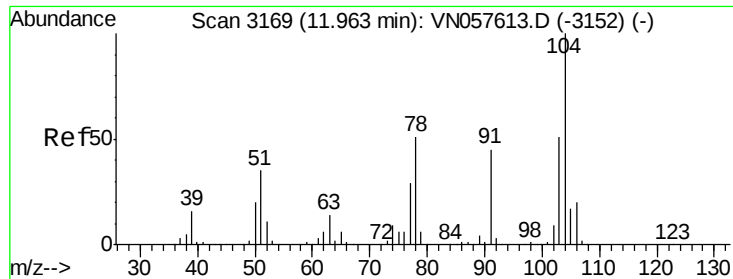


Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)

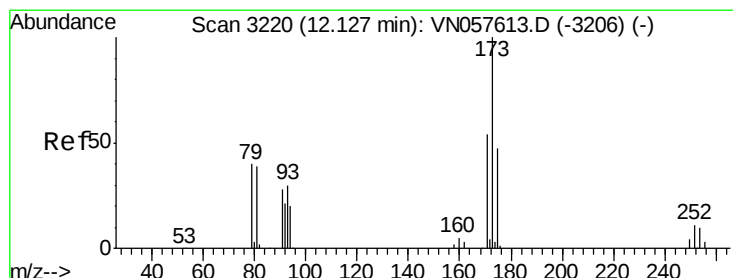
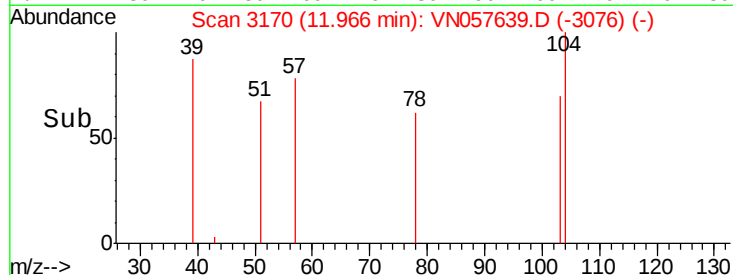
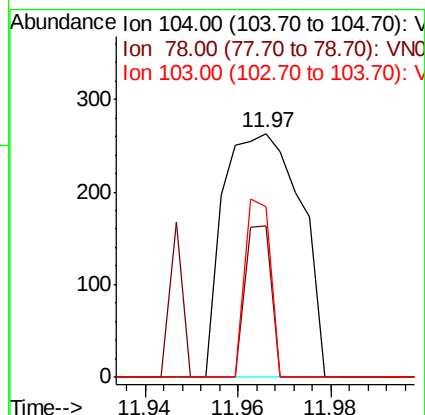
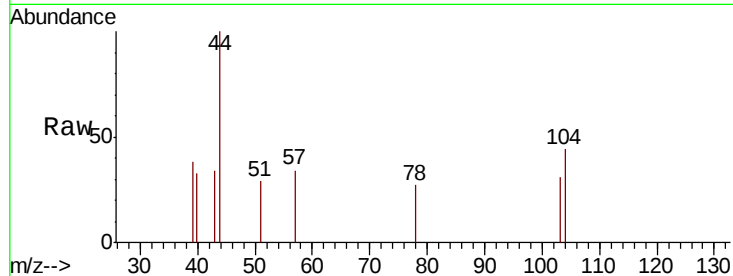




#70
Styrene
Concen: 2.619 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

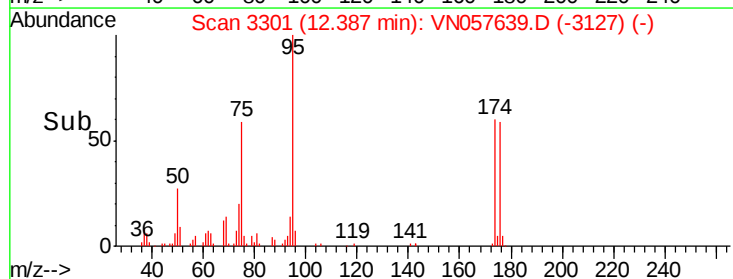
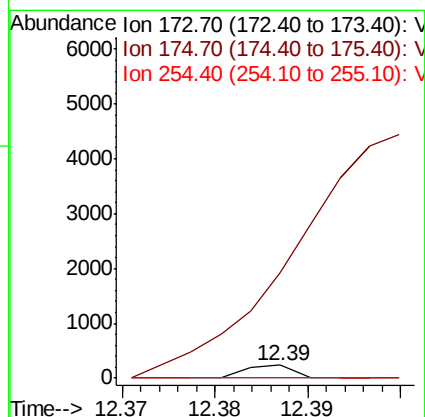
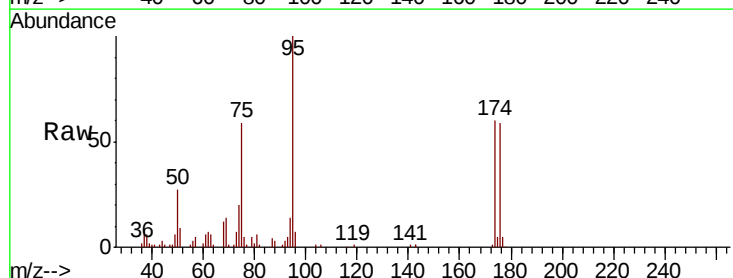
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

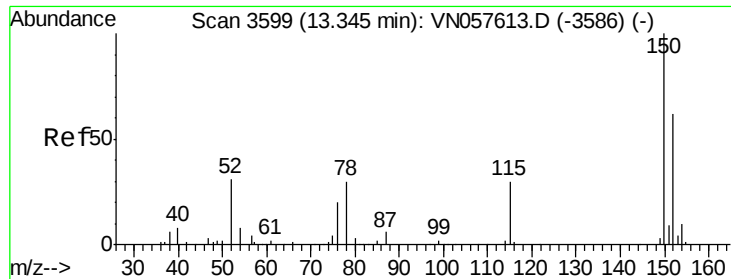
Tgt Ion:104 Resp: 305
Ion Ratio Lower Upper
104 100
78 20.7 46.6 70.0#
103 23.9 44.7 67.1#



#71
Bromoform
Concen: 6.261 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion:173 Resp: 83
Ion Ratio Lower Upper
173 100
175 7857.8 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-N4-(1.9)

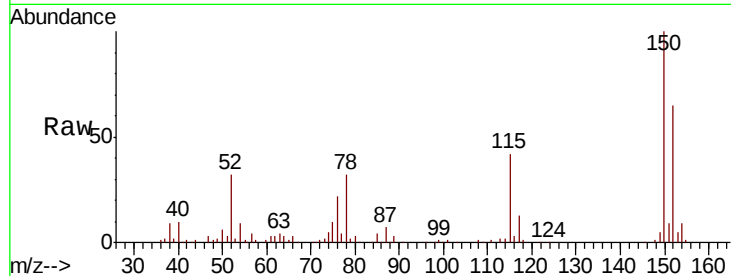
Tgt Ion:152 Resp: 92077

Ion Ratio Lower Upper

152 100

115 63.5 33.2 99.6

150 156.5 0.0 365.2

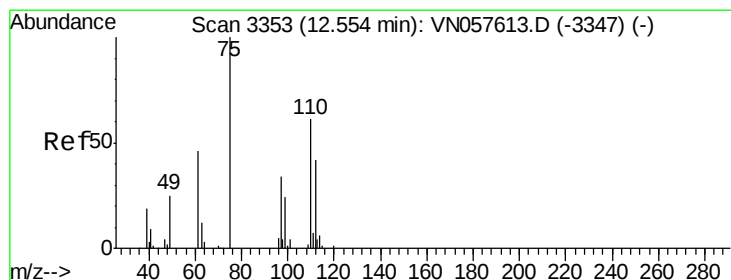
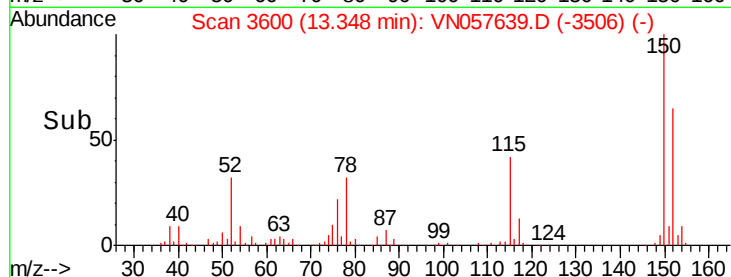
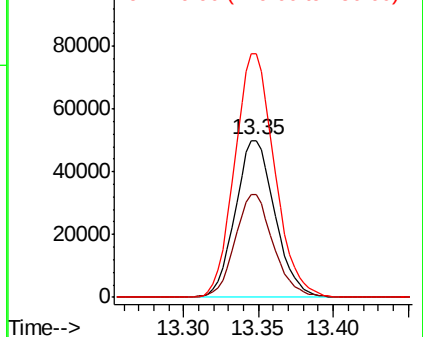


Abundance

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



#76

1,2,3-Trichloropropane

Concen: 37.141 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057639.D

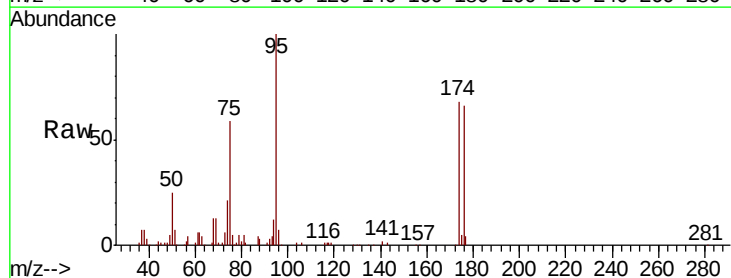
Acq: 1 Sep 2019 13:05

Tgt Ion: 75 Resp: 89958

Ion Ratio Lower Upper

75 100

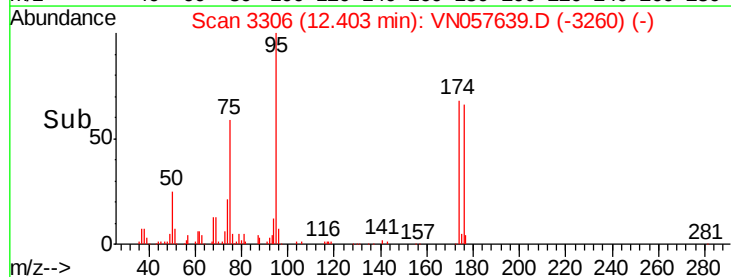
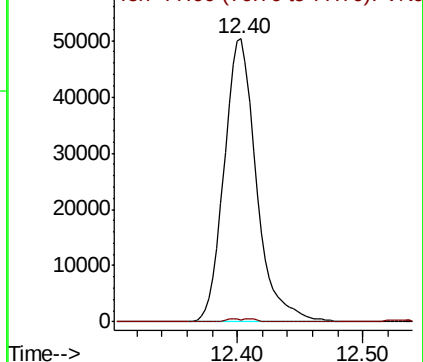
77 0.4 0.0 0.0#

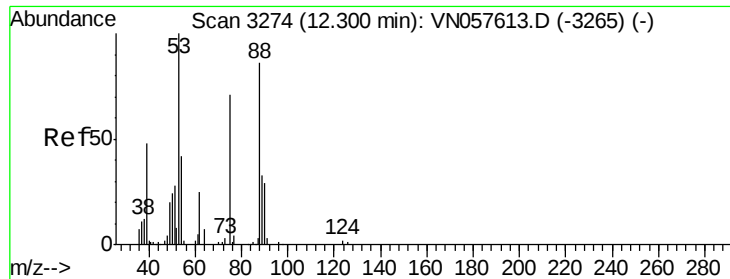


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

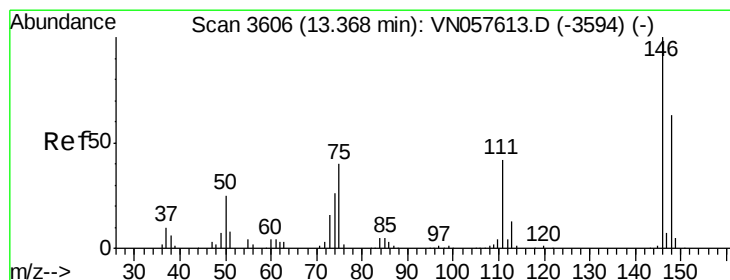
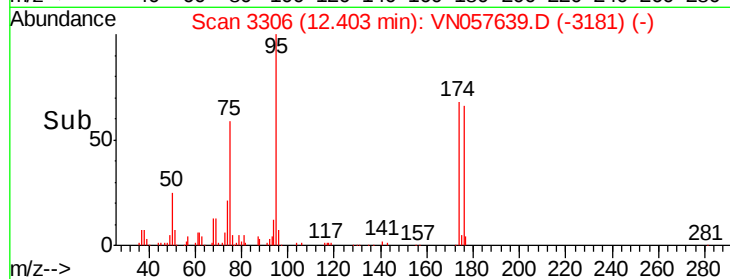
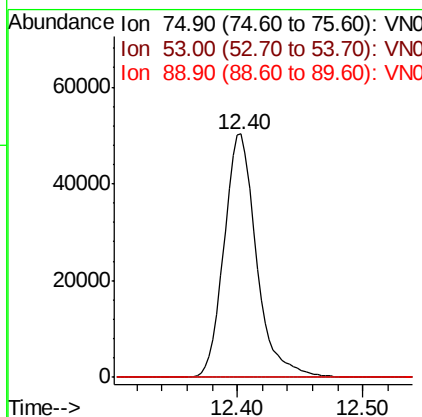
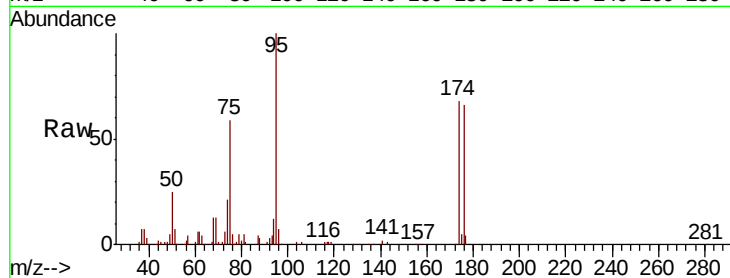




#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.314 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

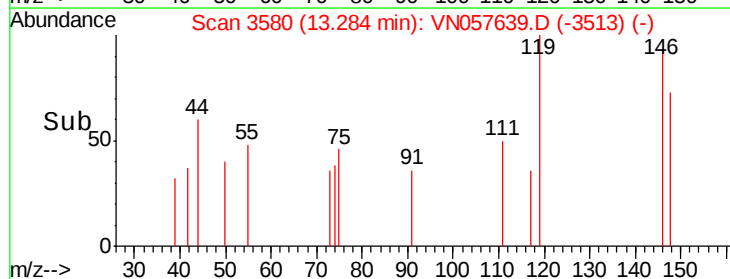
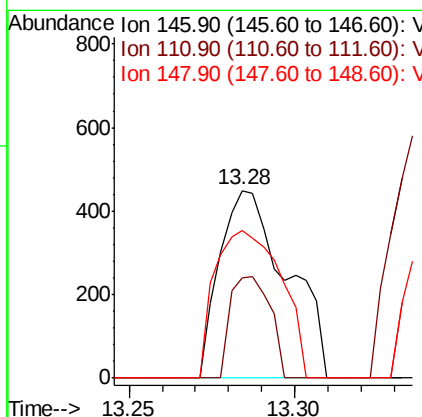
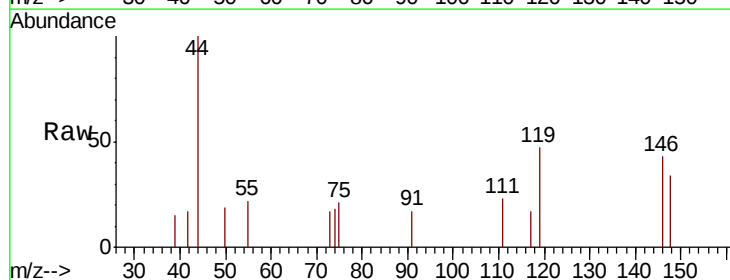
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

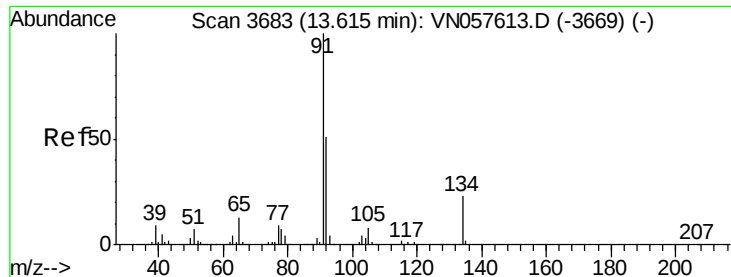
Tgt Ion: 75 Resp: 89958
 Ion Ratio Lower Upper
 75 100
 53 0.0 111.0 166.6#
 89 0.0 38.3 57.5#



#88
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion: 146 Resp: 634
 Ion Ratio Lower Upper
 146 100
 111 31.9 21.6 65.0
 148 77.3 32.2 96.6





#89

n-Butylbenzene

Concen: 0.243 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.01 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-N4-(1.9)

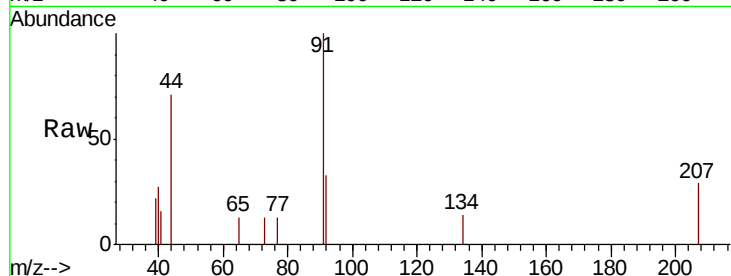
Tgt Ion: 91 Resp: 1645

Ion Ratio Lower Upper

91 100

92 47.9 25.4 76.0

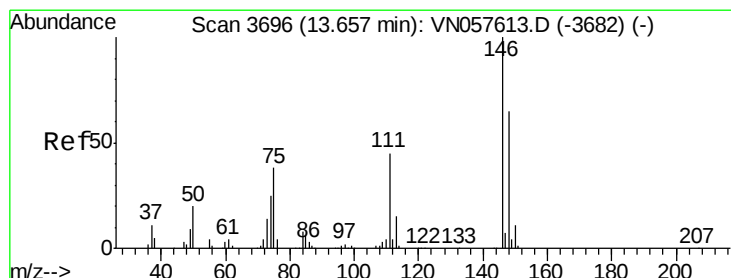
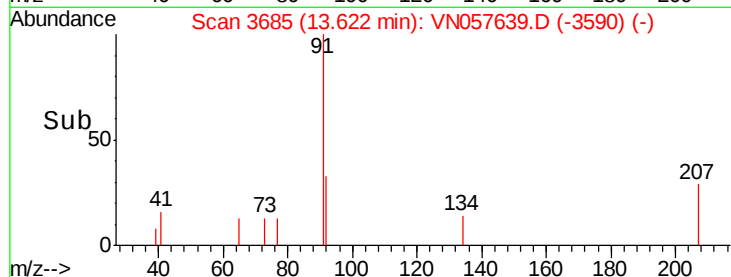
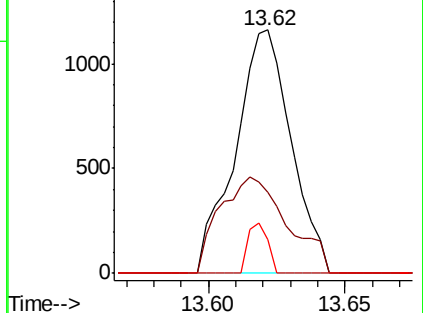
134 7.1 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057613.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057613.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057613.D (-3669) (-)



#91

1,2-Dichlorobenzene

Concen: 0.263 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

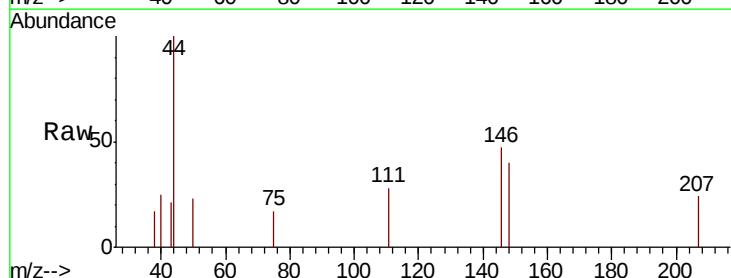
Tgt Ion: 146 Resp: 810

Ion Ratio Lower Upper

146 100

111 33.6 22.1 66.5

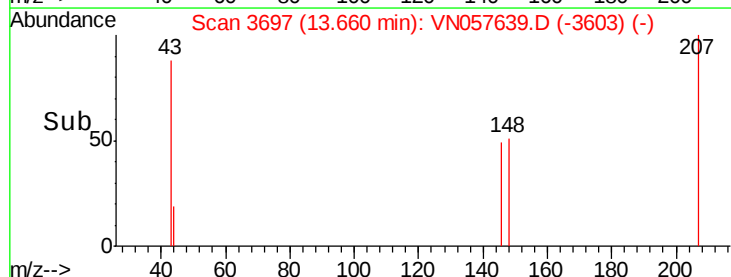
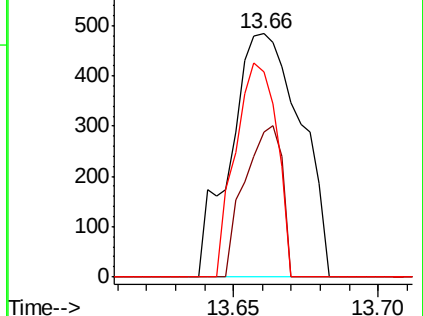
148 52.0 31.6 94.7

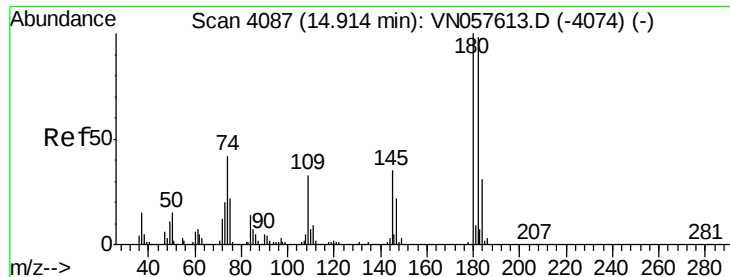


Abundance Ion 145.90 (145.60 to 146.60): VN057613.D (-3682) (-)

Ion 110.90 (110.60 to 111.60): VN057613.D (-3682) (-)

Ion 147.90 (147.60 to 148.60): VN057613.D (-3682) (-)

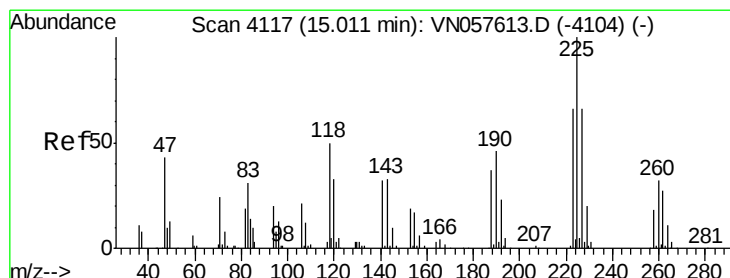
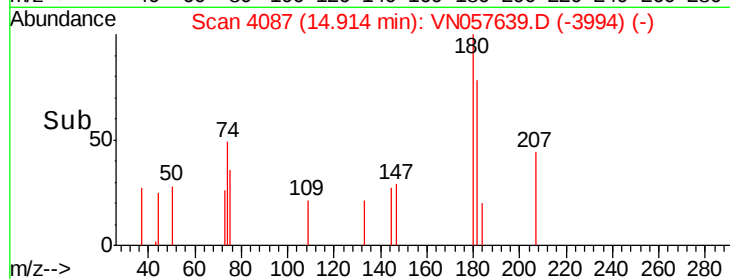
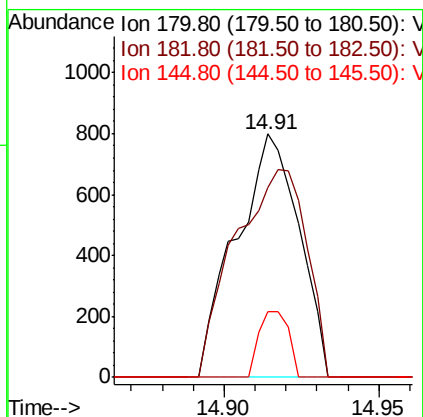
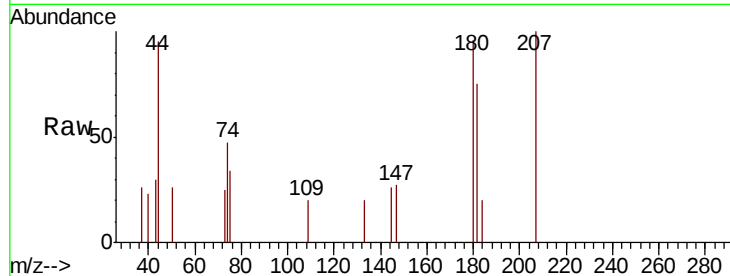




#93
 1,2,4-Trichlorobenzene
 Concen: 9.005 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

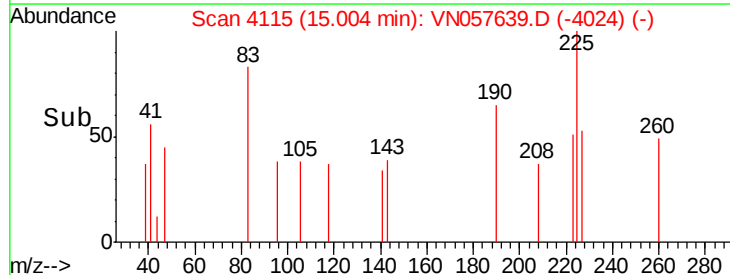
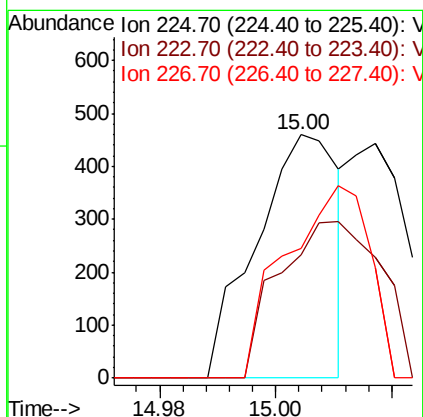
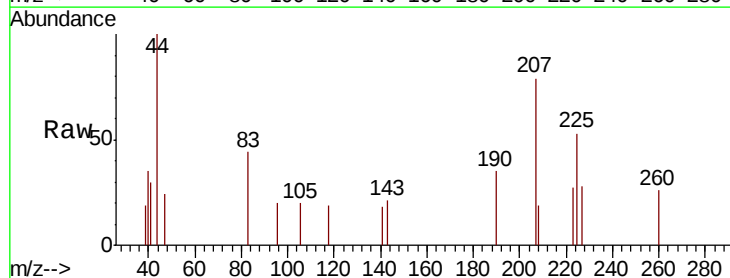
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

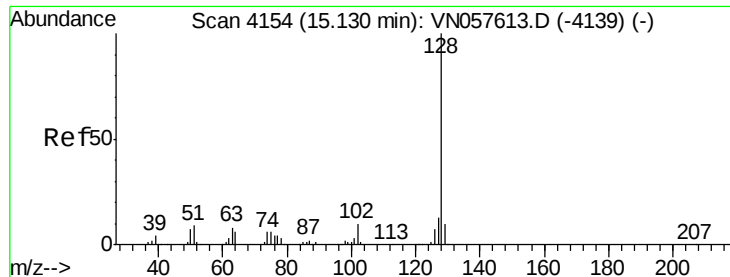
Tgt Ion:180 Resp: 1134
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.8 143.3
 145 12.7 16.9 50.7#



#94
 Hexachlorobutadiene
 Concen: 0.429 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion:225 Resp: 453
 Ion Ratio Lower Upper
 225 100
 223 79.7 32.3 96.8
 227 81.0 32.4 97.2

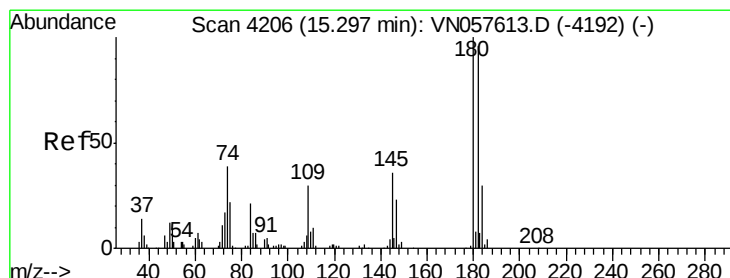
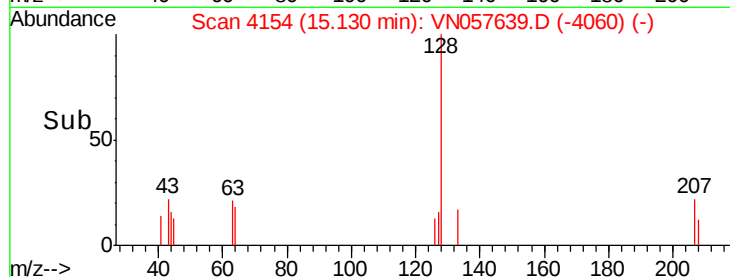
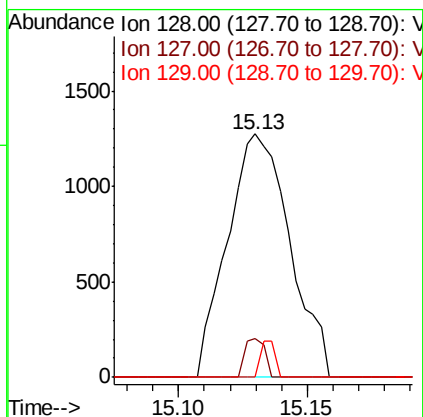
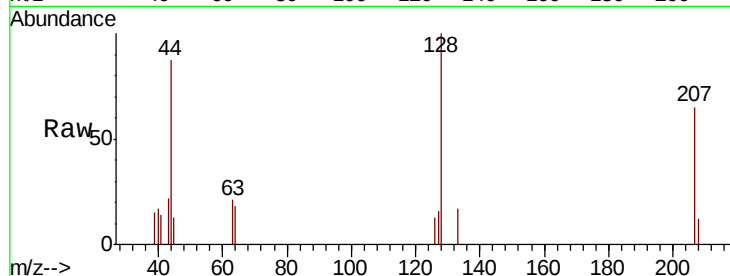




#95
Naphthalene
Concen: 7.370 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

Tgt Ion:128 Resp: 2148
Ion Ratio Lower Upper
128 100
127 5.0 10.2 15.2#
129 3.4 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 8.293 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion:180 Resp: 836
Ion Ratio Lower Upper
180 100
182 48.9 46.3 138.9
145 16.4 17.8 53.3#

