

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056367.D
 Acq On : 18 Jun 2019 15:43
 Operator : JC/SP
 Sample : K3157-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 02:01:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	571056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212701	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	193131	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	165463	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
50) Toluene-d8	10.09	98	721054	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	255890	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	

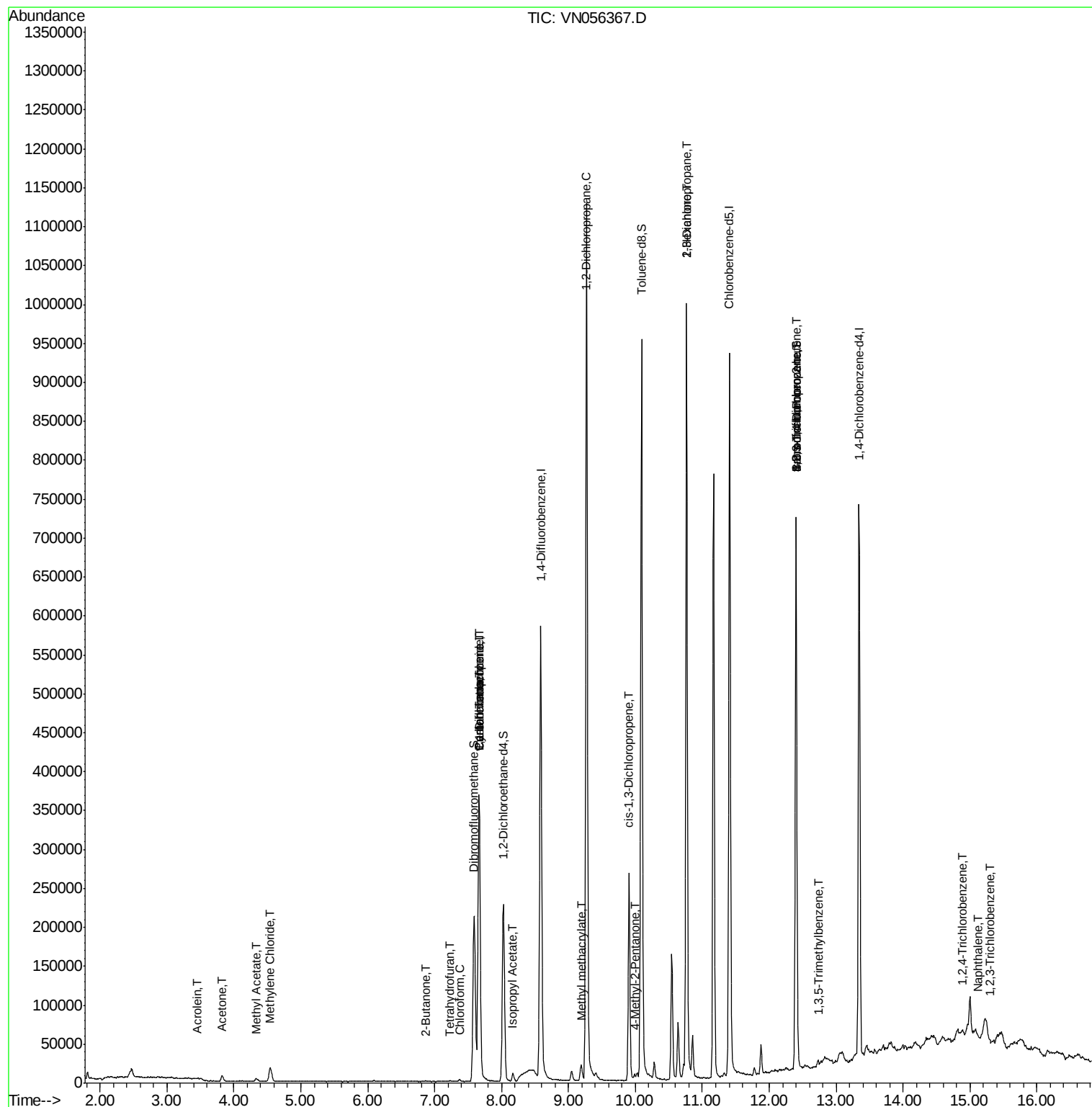
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.44	56	63	3.544	ug/l #	1
16) Acetone	3.82	43	13026	6.248	ug/l	97
18) Methyl Acetate	4.33	43	7745	0.360	ug/l	91
20) Methylene Chloride	4.54	84	14078	3.824	ug/l	96
25) 2-Butanone	6.86	43	2278	0.901	ug/l #	48
29) Tetrahydrofuran	7.23	42	932	0.621	ug/l #	46
30) Chloroform	7.37	83	2891	0.482	ug/l #	82
31) Cyclohexane	7.66	56	5506	0.947	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21569	4.197	ug/l #	47
38) Carbon Tetrachloride	7.66	117	28885	5.856	ug/l #	15
43) Isopropyl Acetate	8.17	43	12332	1.583	ug/l	96
45) 1,2-Dichloropropane	9.27	63	1358	0.330	ug/l #	44
48) Methyl methacrylate	9.18	41	7276	1.851	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	4461	0.898	ug/l #	86
54) cis-1,3-Dichloropropene	9.91	75	49241	8.220	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10371	1.575	ug/l #	42
59) 2-Hexanone	10.76	43	146444	39.770	ug/l #	50
71) Bromoform	12.40	173	1993	0.575	ug/l #	1
73) Isopropylbenzene	12.25	105	532	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.52	83	100	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	118751	26.131	ug/l #	100
77) Bromobenzene	12.52	156	30	Below Cal	#	1
79) 2-Chlorotoluene	12.52	91	74	Below Cal		95
80) 1,3,5-Trimethylbenzene	12.73	105	3474	0.234	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.40	75	118751	81.187	ug/l #	13
83) tert-Butylbenzene	13.00	119	195	Below Cal	#	1
90) Hexachloroethane	13.86	117	35	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.90	180	177	5.349	ug/l #	2
95) Naphthalene	15.13	128	1660	4.815	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.31	180	170	3.844	ug/l #	13

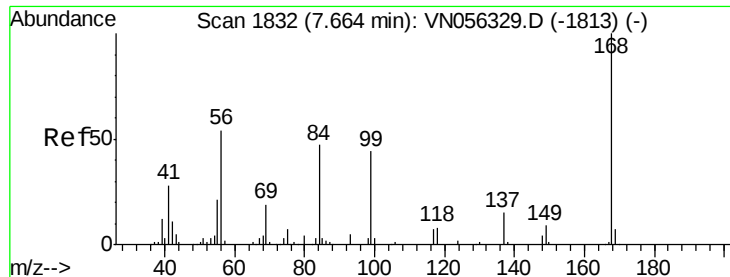
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

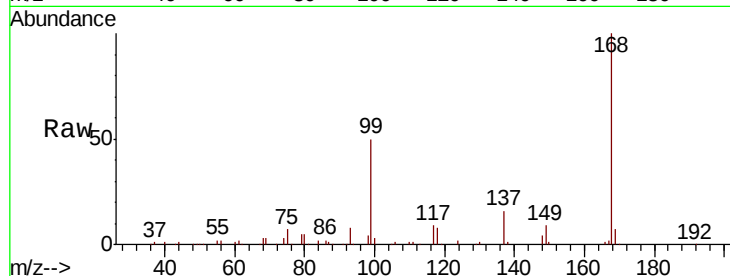
ClientSampleId :

Tot Ion:168 Resp: 335576

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056329.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056329.D (-1813) (-)

7.66

150000

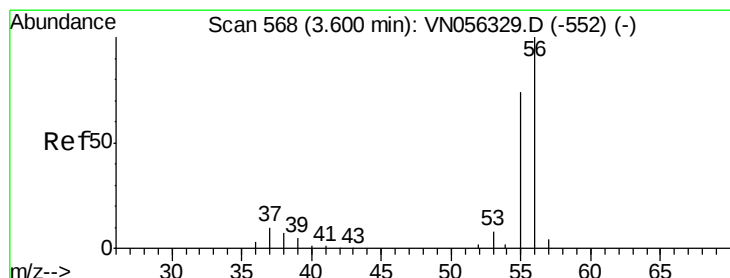
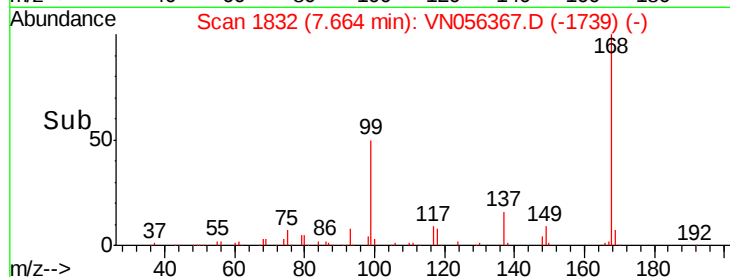
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 3.544 ug/l

RT: 3.44 min Scan# 519

Delta R.T. -0.16 min

Lab File: VN056367.D

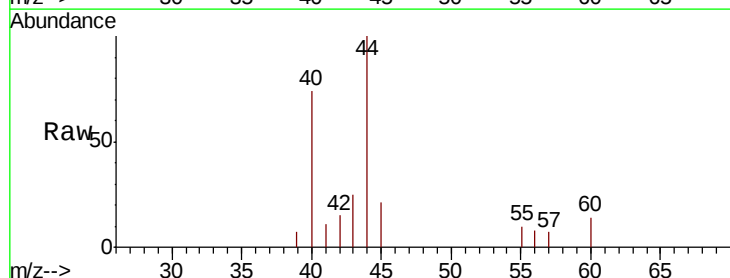
Acq: 18 Jun 2019 15:43

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 238.1 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN056329.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN056329.D (-552) (-)

3.44

250

200

150

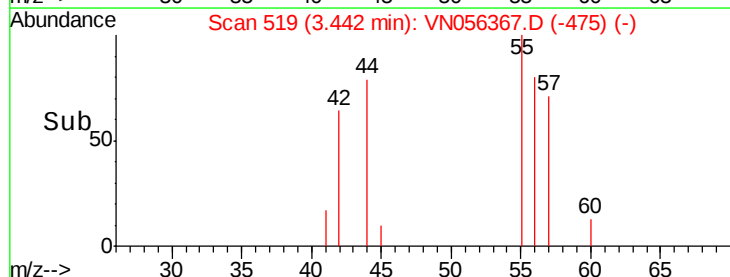
100

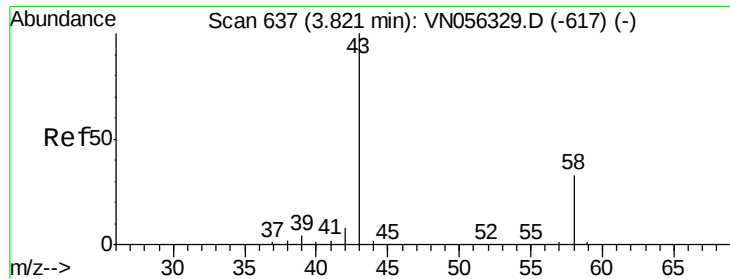
50

0

3.43 3.44 3.45

Time-->





#16

Acetone

Concen: 6.248 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

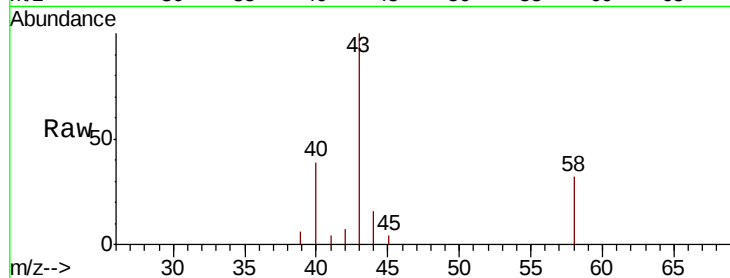
ClientSampled :

Tot Ion: 43 Resp: 13026

Ion Ratio Lower Upper

43 100

58 31.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

3000

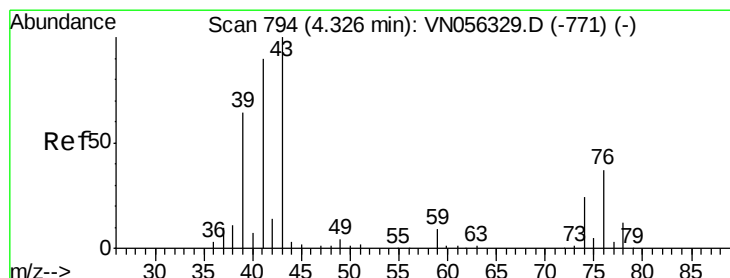
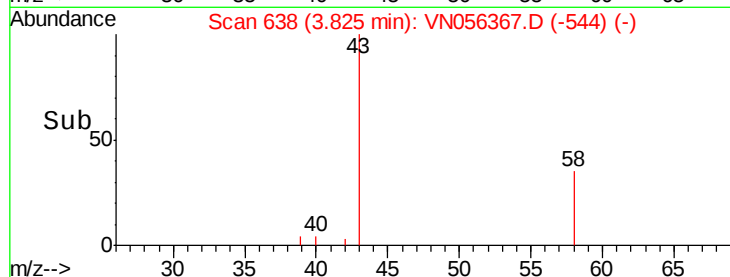
2000

1000

0

Time-->

3.70 3.80 3.90



#18

Methyl Acetate

Concen: 0.360 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056367.D

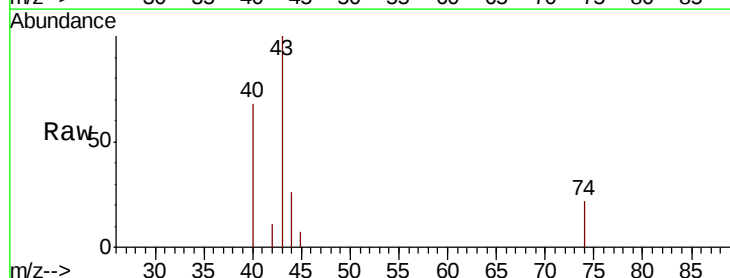
Acq: 18 Jun 2019 15:43

Tgt Ion: 43 Resp: 7745

Ion Ratio Lower Upper

43 100

74 20.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

2500

2000

1500

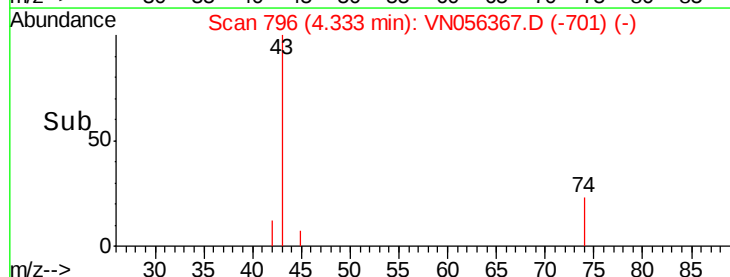
1000

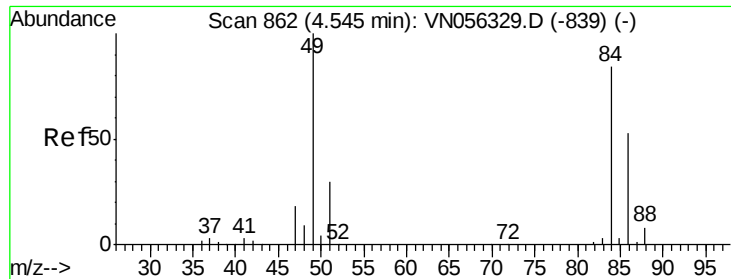
500

0

Time-->

4.25 4.30 4.35 4.40

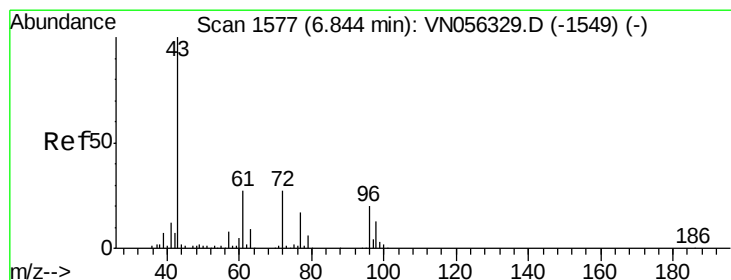
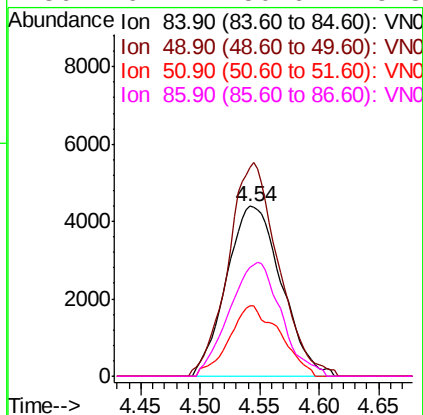
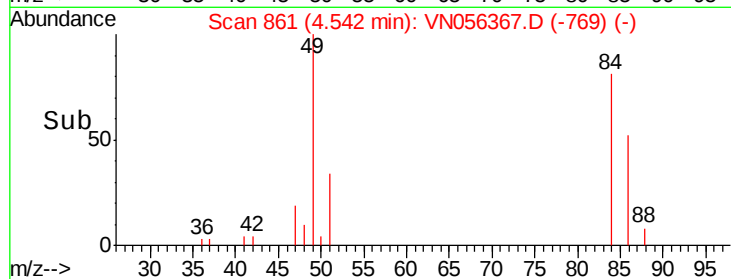
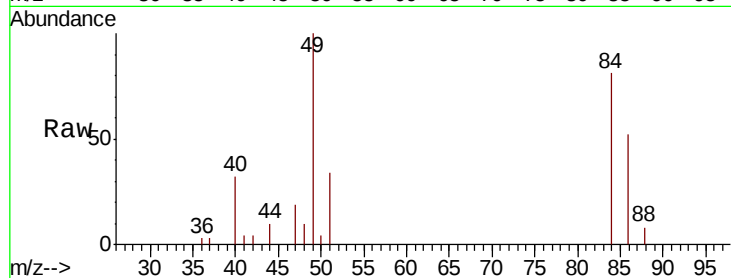




#20
Methylene Chloride
Concen: 3.824 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

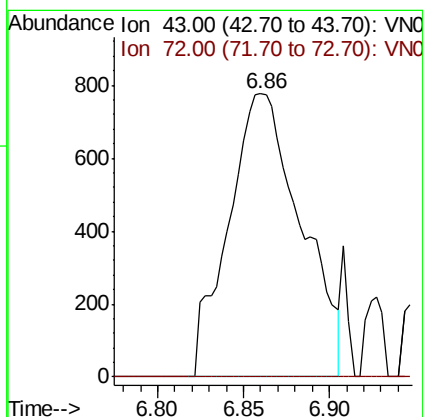
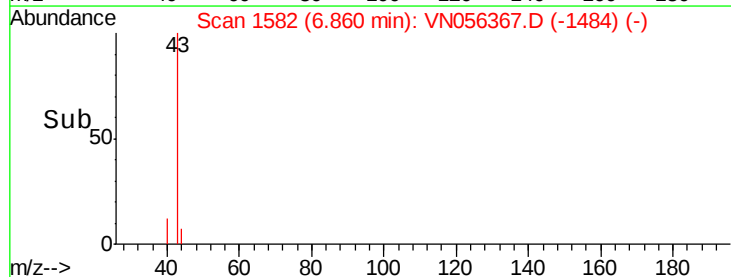
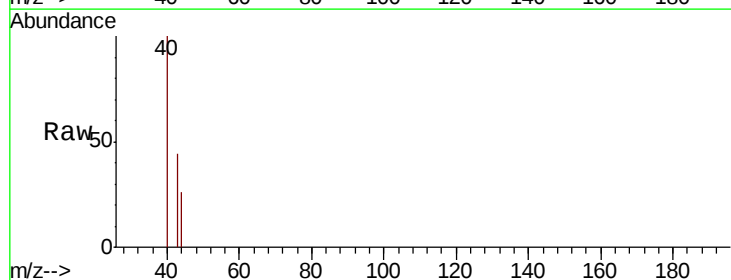
Instrument :
MSVOA_N
ClientSampled :

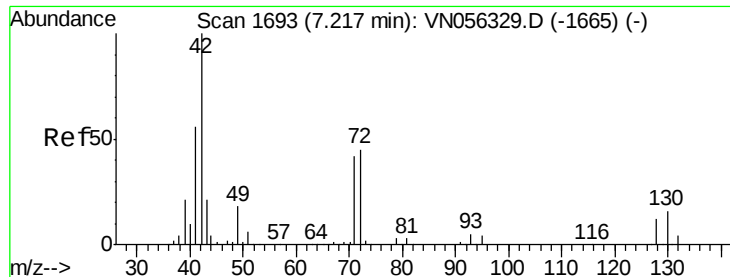
Tot Ion: 84 Resp: 14078
Ion Ratio Lower Upper
84 100
49 123.1 95.0 142.6
51 41.4 28.2 42.4
86 64.1 50.6 75.8



#25
2-Butanone
Concen: 0.901 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

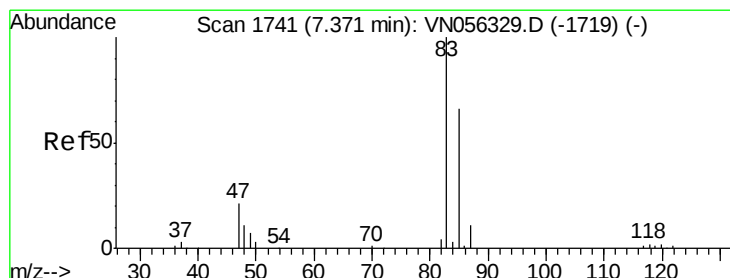
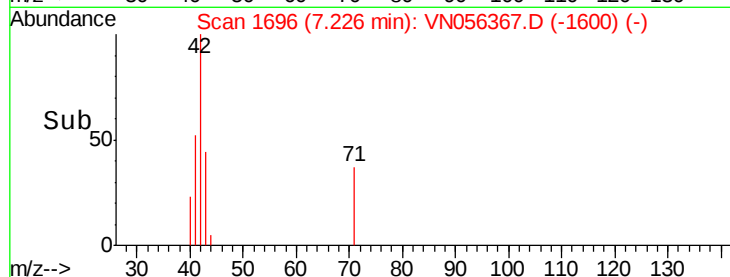
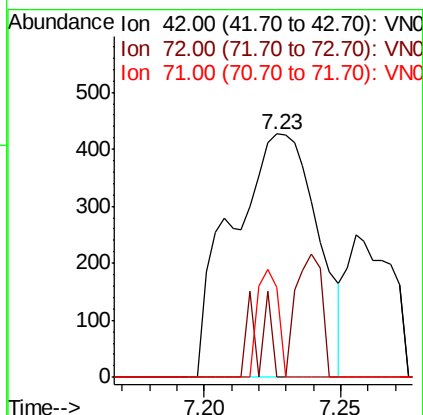
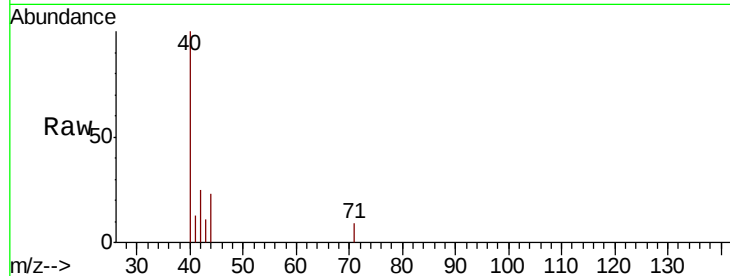




#29
Tetrahydrofuran
Concen: 0.621 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

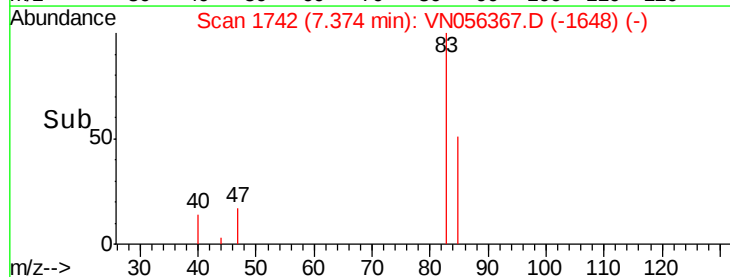
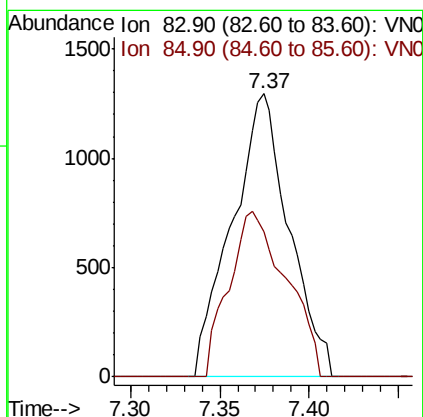
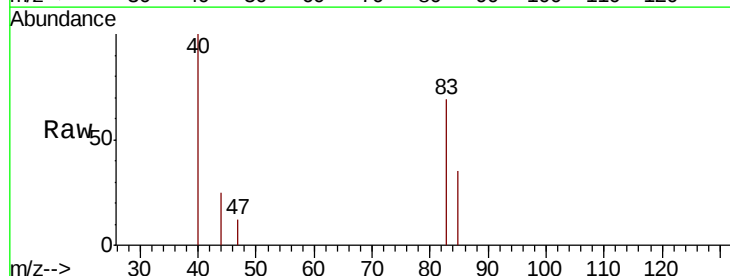
Instrument :
MSVOA_N
ClientSampled :

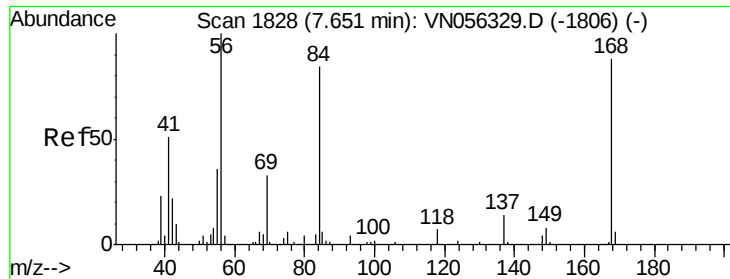
Tot Ion: 42 Resp: 932
Ion Ratio Lower Upper
42 100
72 6.3 35.3 52.9#
71 10.5 32.7 49.1#



#30
Chloroform
Concen: 0.482 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion: 83 Resp: 2891
Ion Ratio Lower Upper
83 100
85 51.1 52.6 78.8#

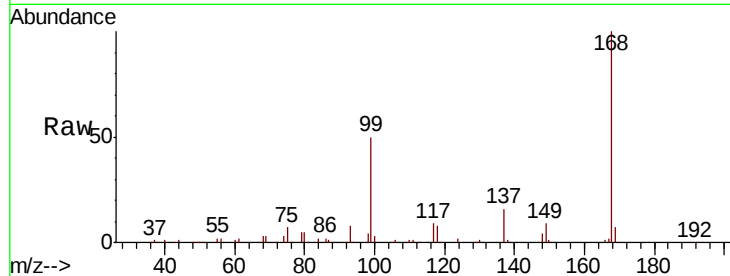




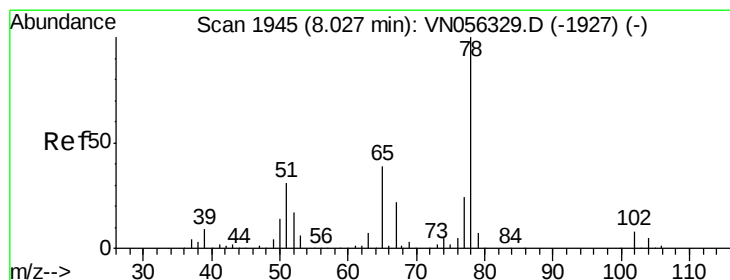
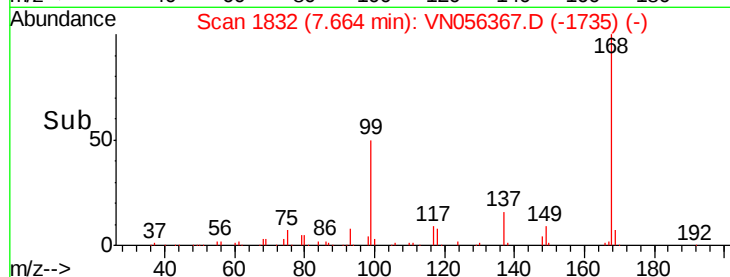
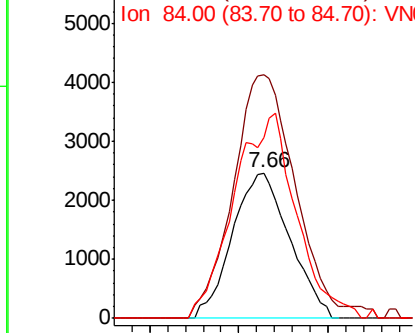
#31
Cyclohexane
Concen: 0.947 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5506
Ion Ratio Lower Upper
56 100
69 167.4 26.0 39.0#
84 124.1 67.4 101.0#

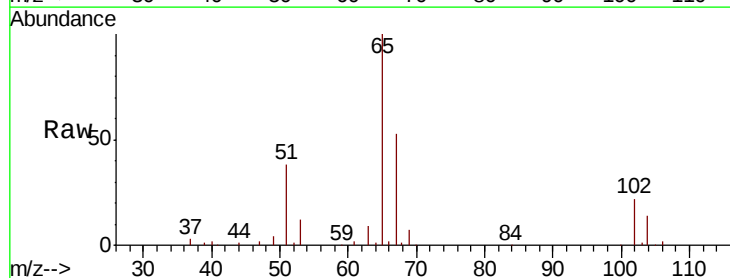


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

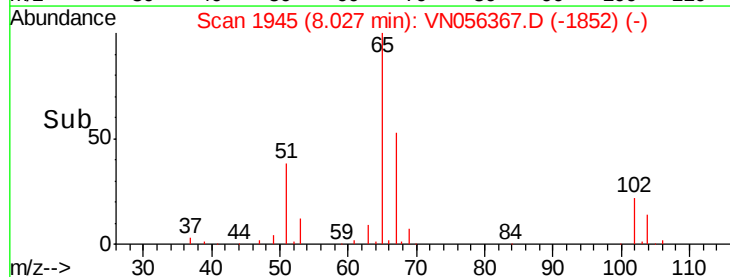
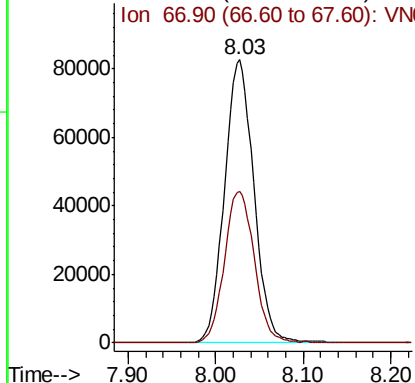


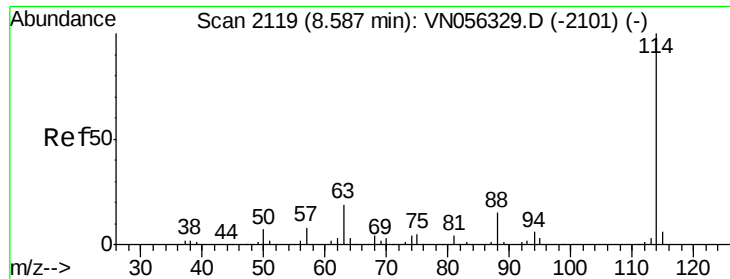
#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion: 65 Resp: 193131
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.8



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

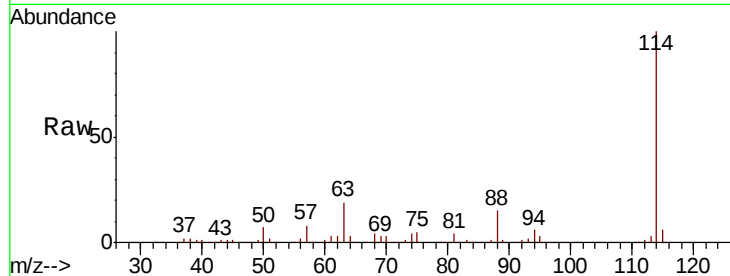




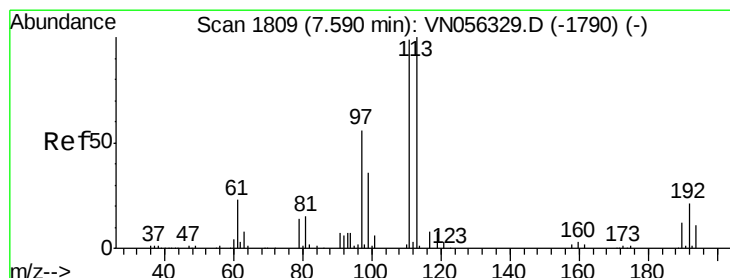
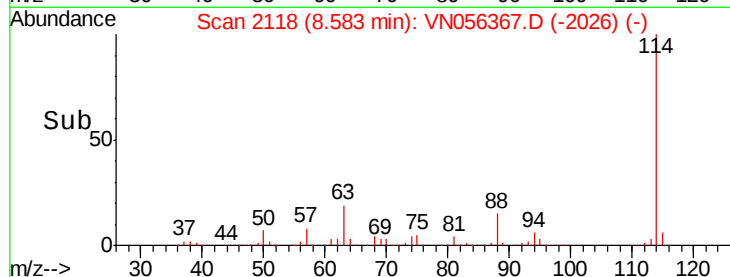
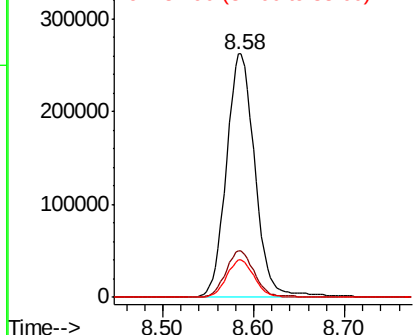
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 571056
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.8
88 15.4 0.0 30.6

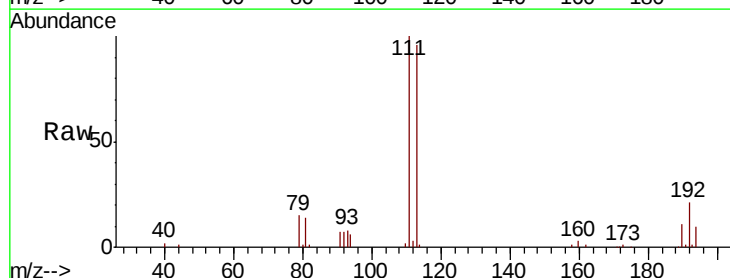


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

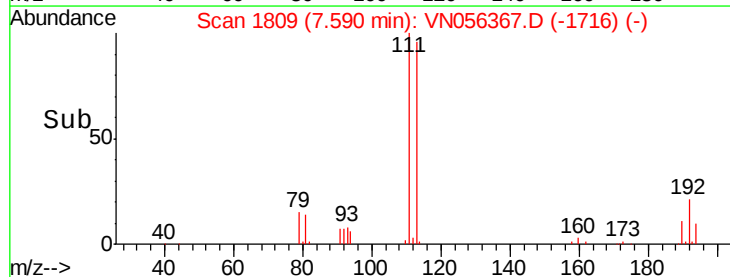
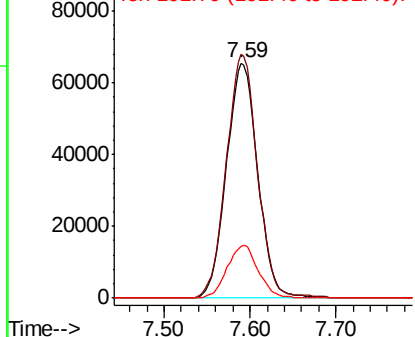


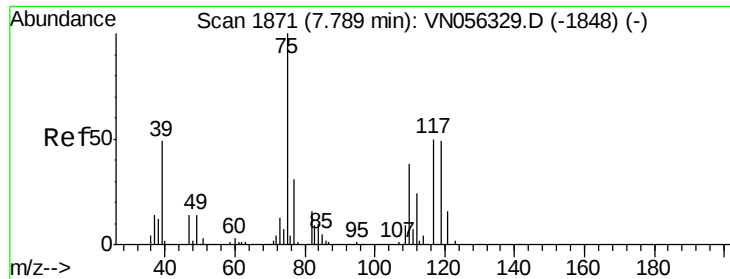
#35
Dibromofluoromethane
Concen: 45.183 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion:113 Resp: 165463
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 22.2 17.6 26.4



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: 4.197 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

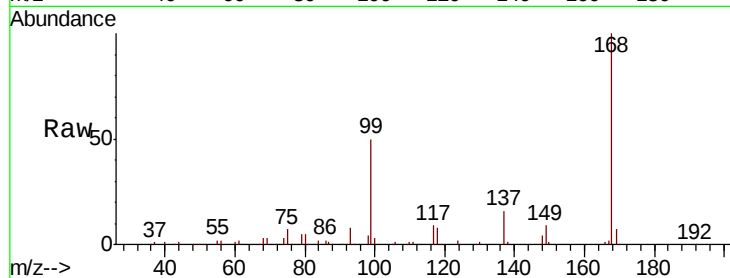
Tot Ion: 75 Resp: 21569

Ion Ratio Lower Upper

75 100

110 7.6 18.6 56.0#

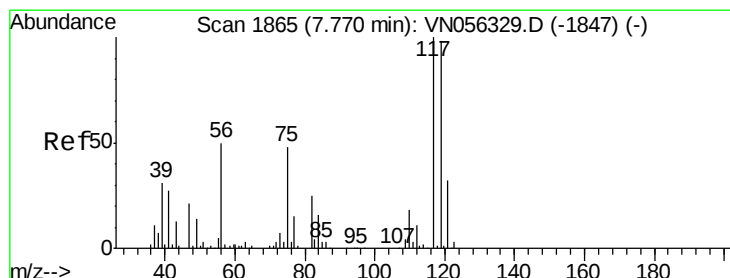
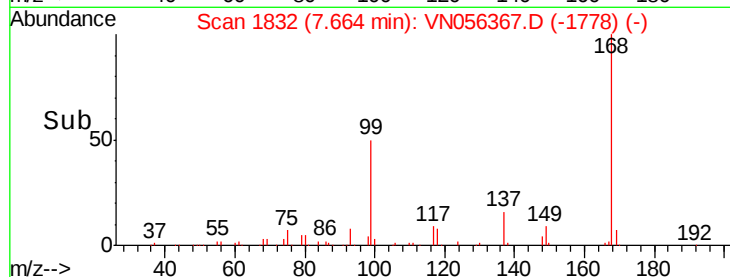
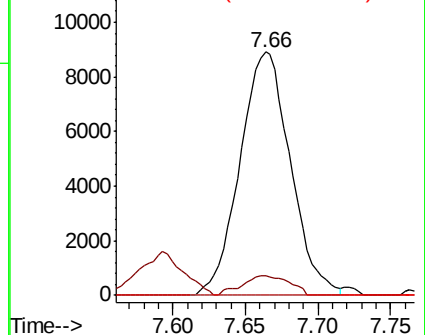
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 5.856 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

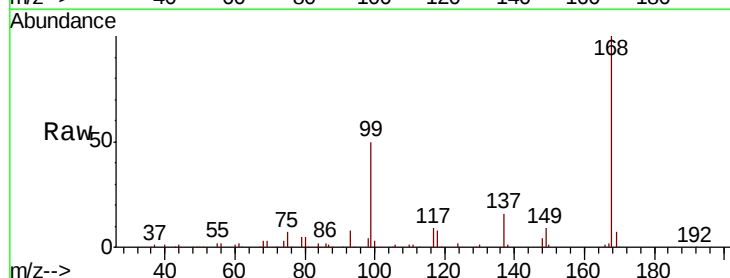
Tgt Ion: 117 Resp: 28885

Ion Ratio Lower Upper

117 100

119 4.4 77.8 116.8#

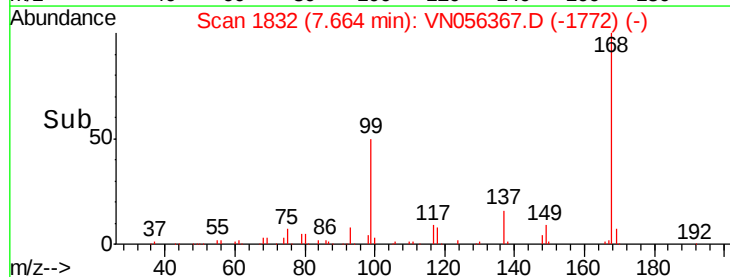
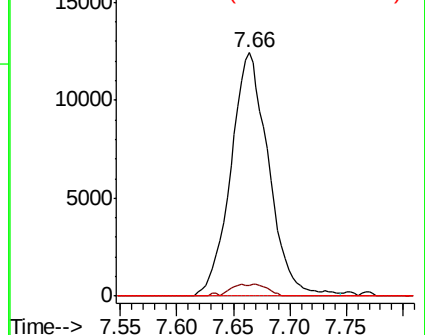
121 0.0 25.3 37.9#

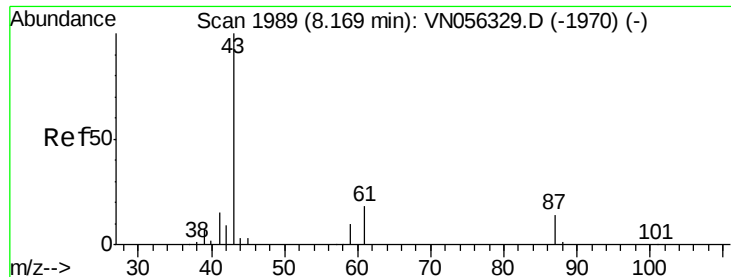


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.583 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :

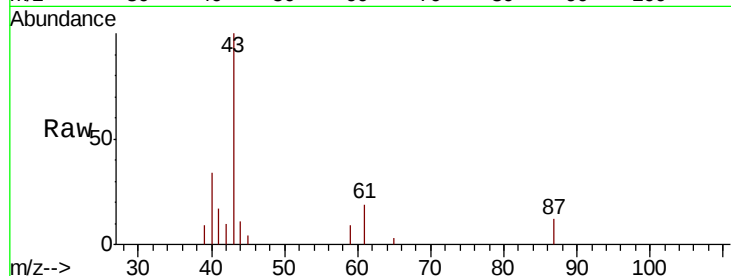
Tot Ion: 43 Resp: 12332

Ion Ratio Lower Upper

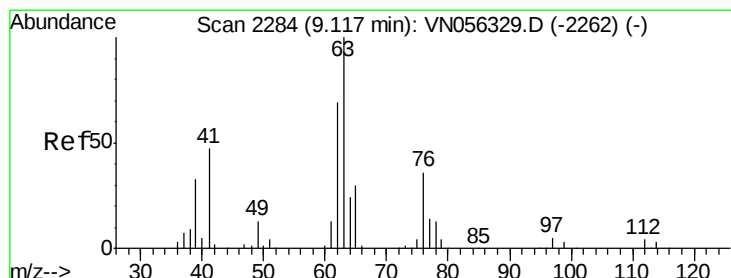
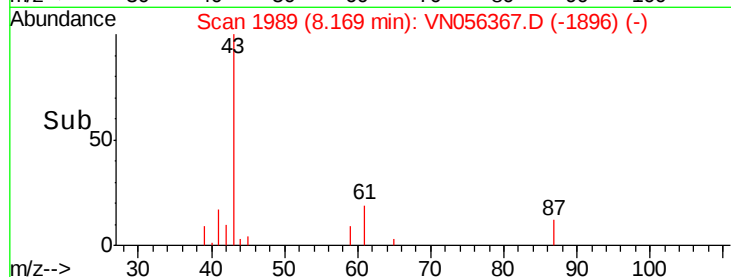
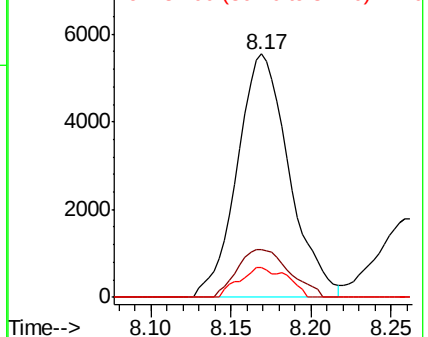
43 100

61 19.6 16.6 25.0

87 11.2 11.0 16.4



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: 0.330 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056367.D

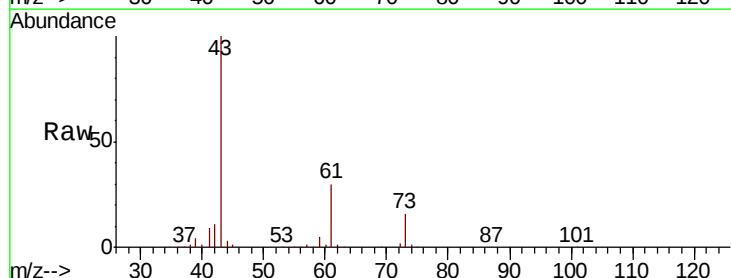
Acq: 18 Jun 2019 15:43

Tgt Ion: 63 Resp: 1358

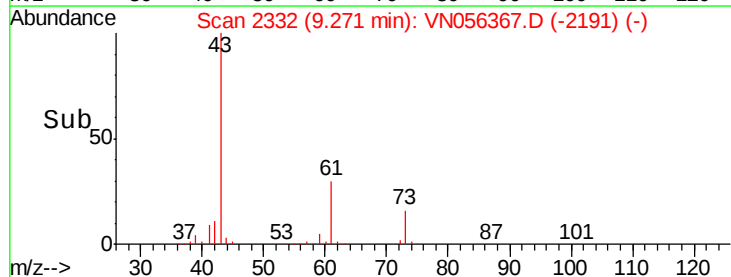
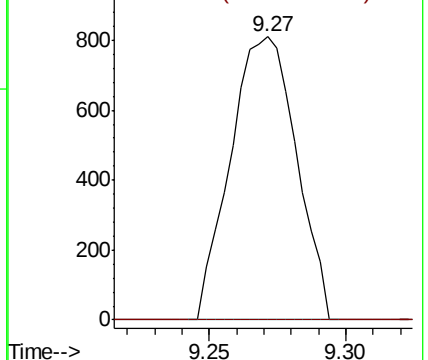
Ion Ratio Lower Upper

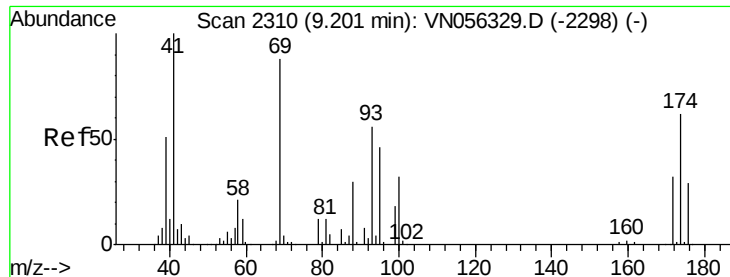
63 100

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

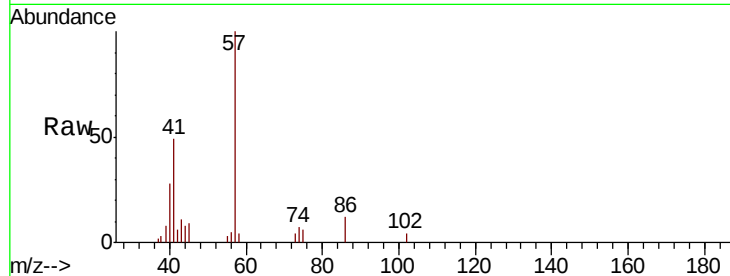




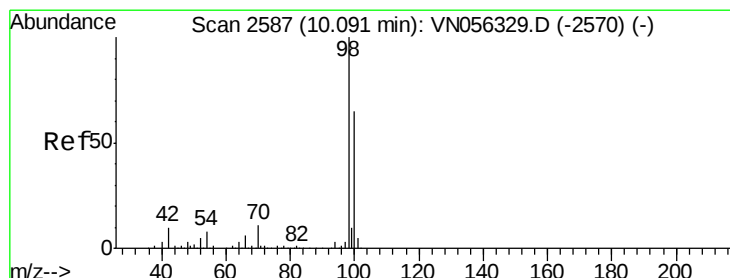
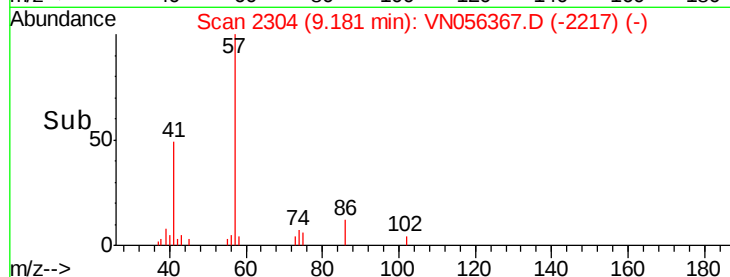
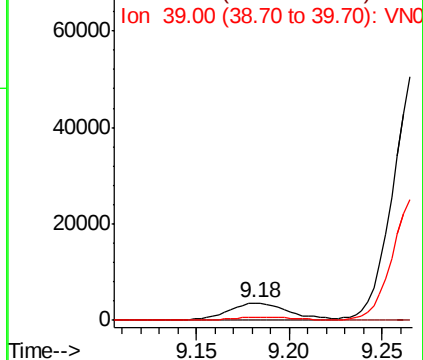
#48
Methyl methacrylate
Concen: 1.851 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 7276
Ion Ratio Lower Upper
41 100
69 0.9 71.0 106.6#
39 0.0 41.7 62.5#

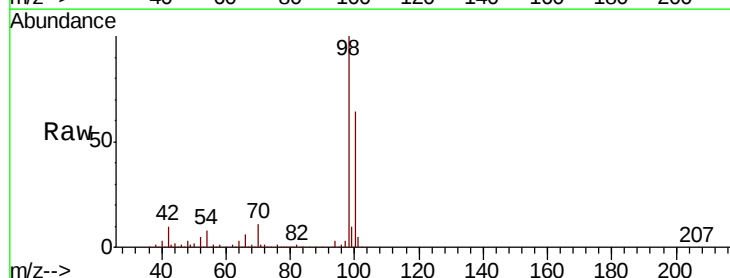


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

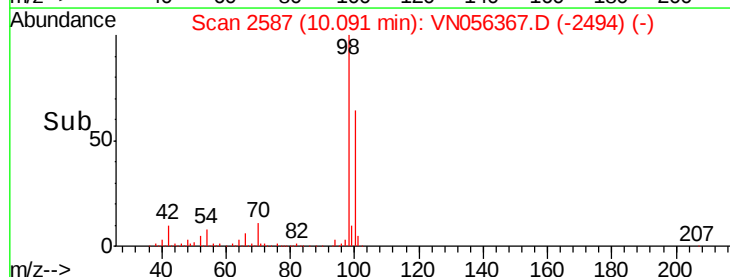
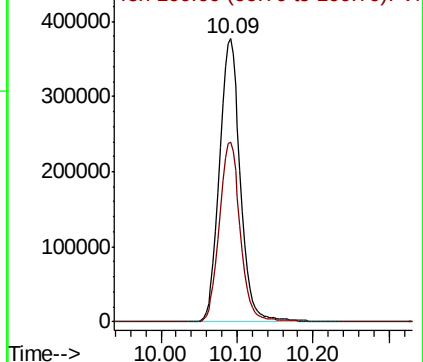


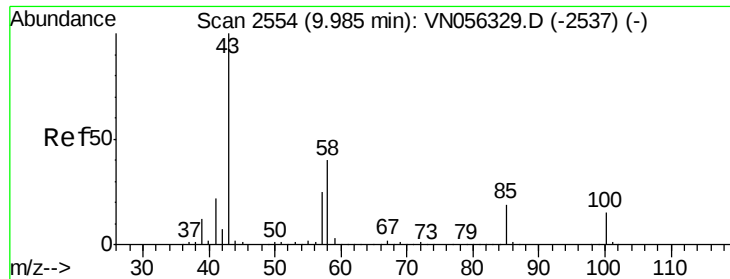
#50
Toluene-d8
Concen: 51.540 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion: 98 Resp: 721054
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 0.898 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

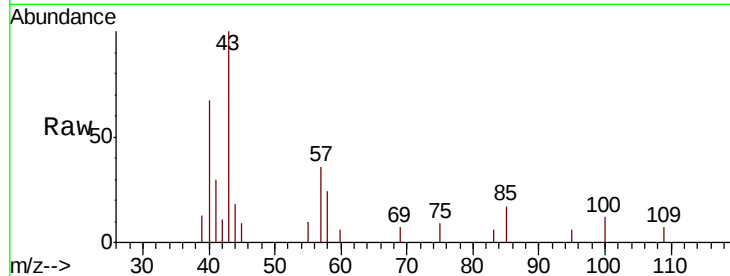
ClientSampled :

Tot Ion: 43 Resp: 4461

Ion Ratio Lower Upper

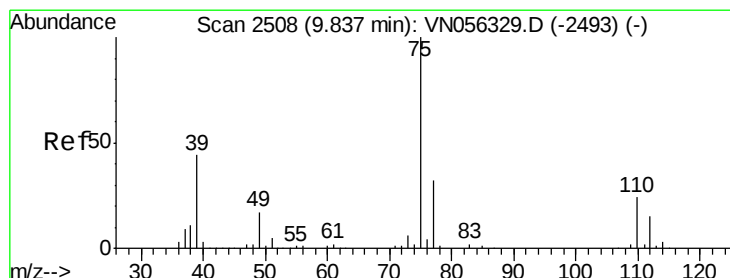
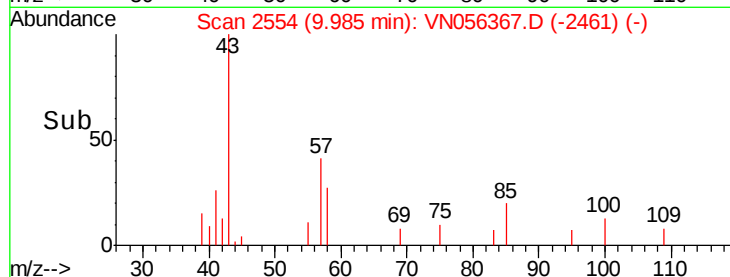
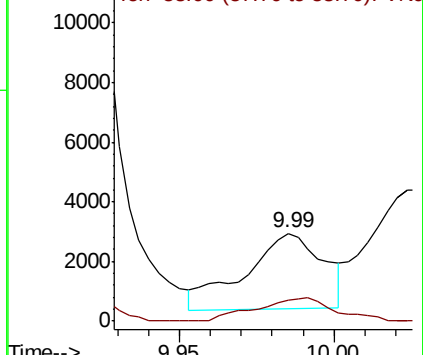
43 100

58 31.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.220 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

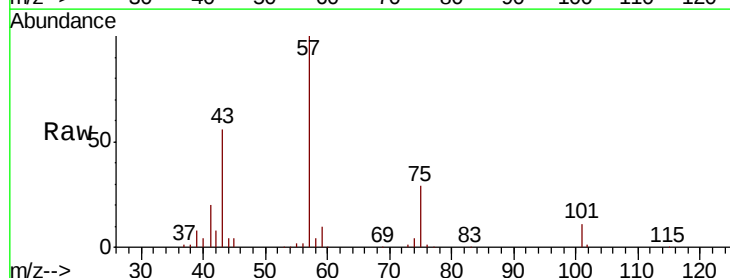
Tgt Ion: 75 Resp: 49241

Ion Ratio Lower Upper

75 100

77 0.7 25.7 38.5#

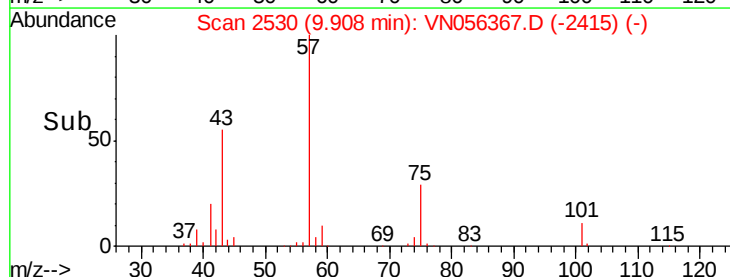
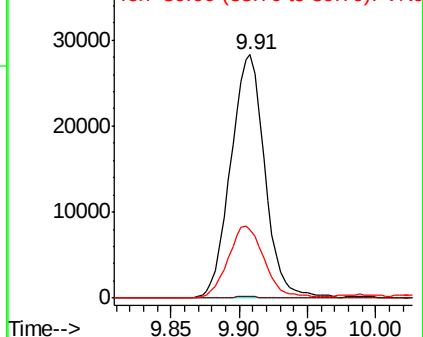
39 28.2 35.4 53.0#

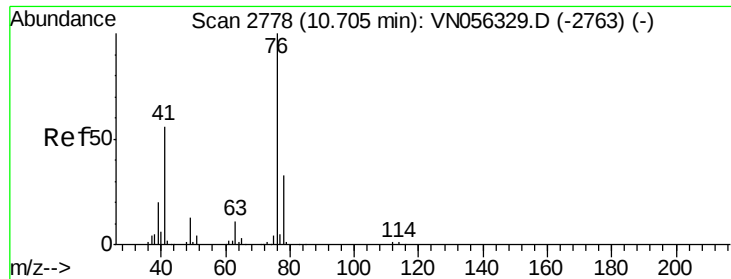


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

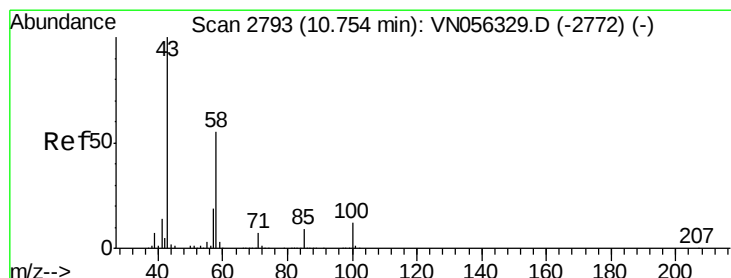
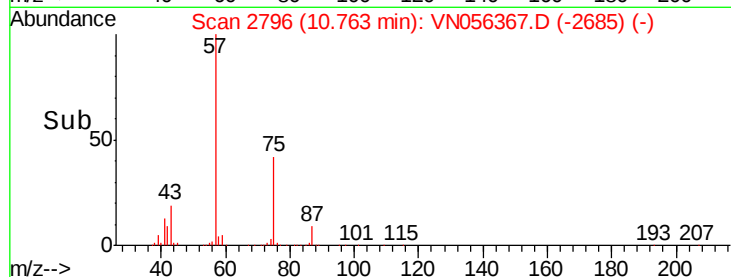
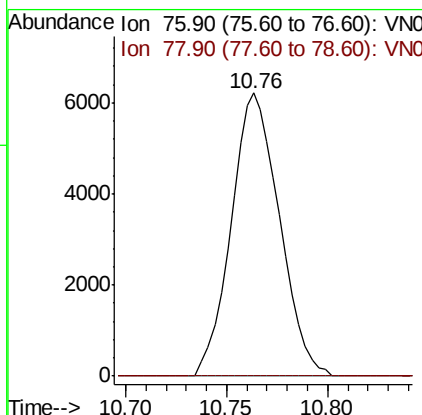
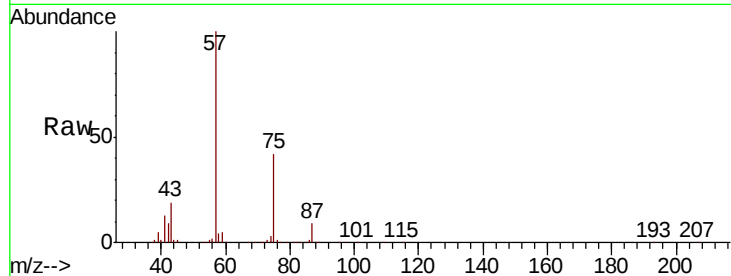




#57
 1,3-Dichloropropane
 Concen: 1.575 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

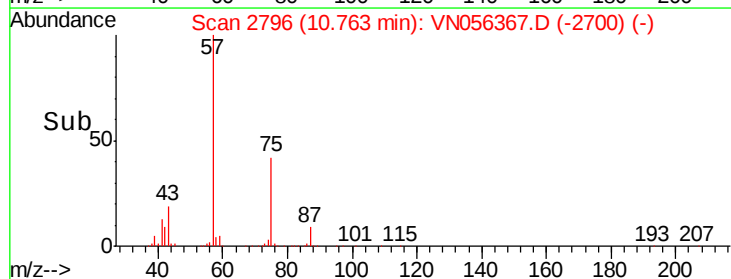
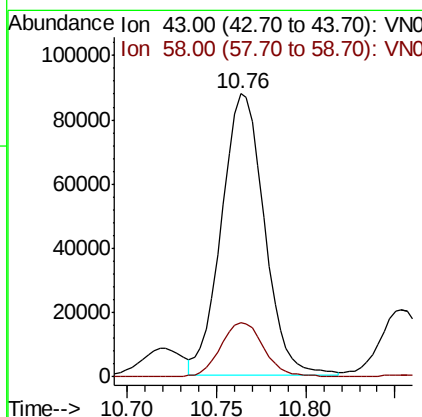
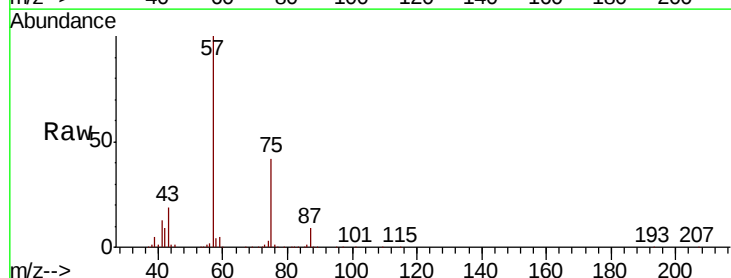
Instrument :
 MSVOA_N
 ClientSampleId :

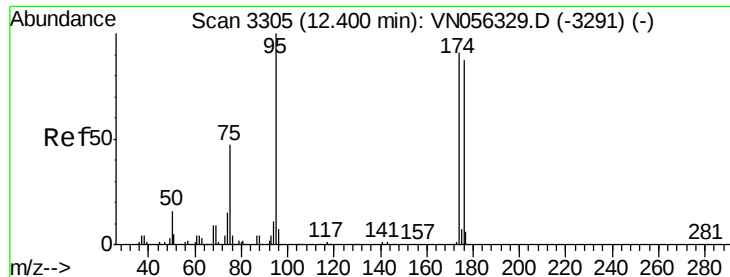
Tot Ion: 76 Resp: 10371
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



#59
 2-Hexanone
 Concen: 39.770 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

Tgt Ion: 43 Resp: 146444
 Ion Ratio Lower Upper
 43 100
 58 19.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 55.197 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

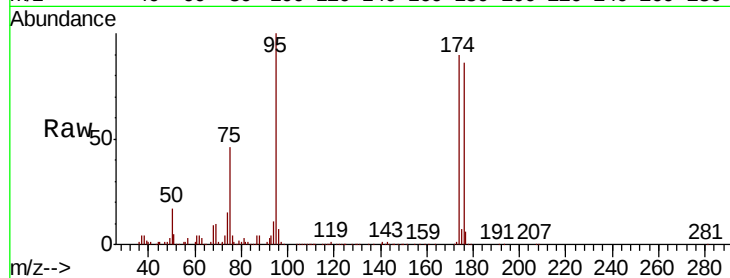
Tot Ion: 95 Resp: 255890

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.6

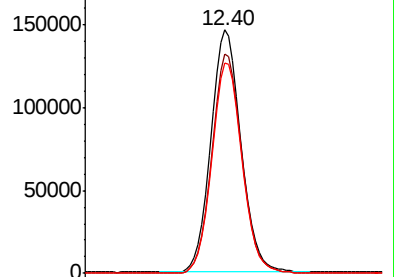
176 87.1 0.0 176.8



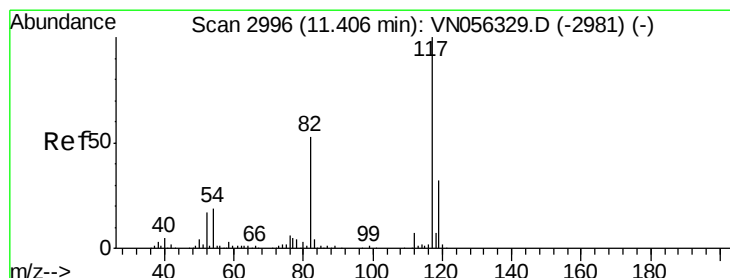
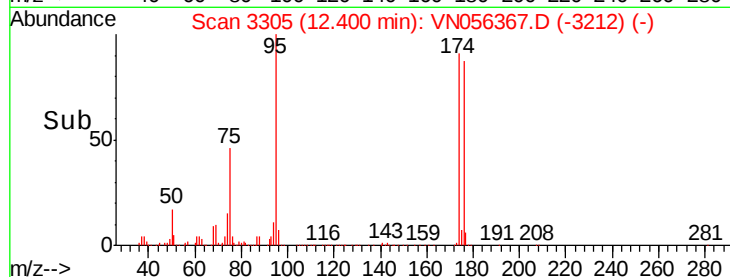
Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

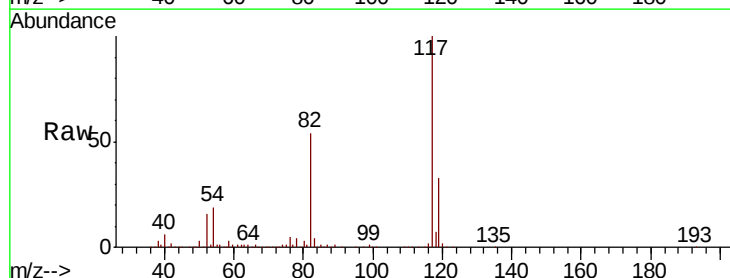
Tgt Ion: 117 Resp: 587949

Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

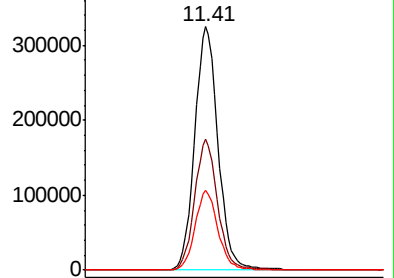
119 32.7 26.0 39.0



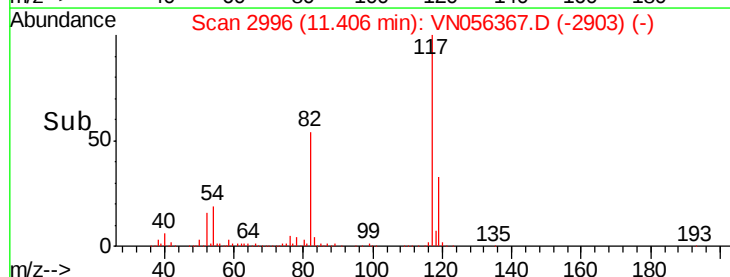
Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

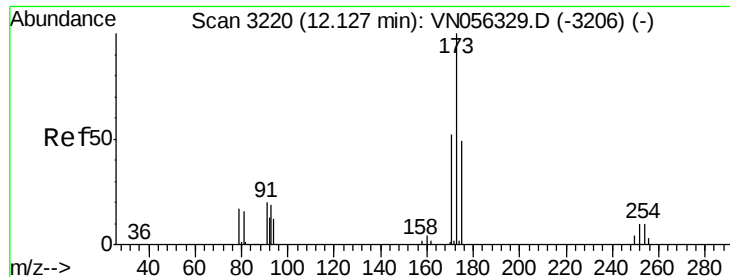
Ion 82.00 (81.70 to 82.70): VN056329.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056329.D (-2981) (-)



Time-->

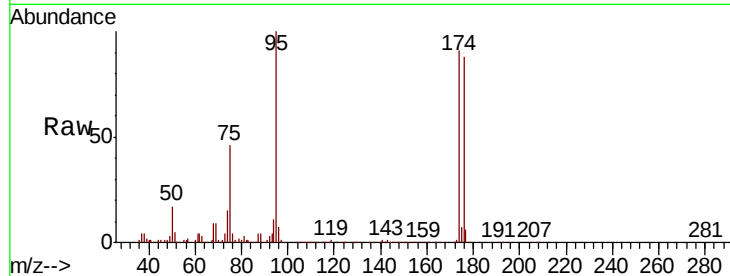




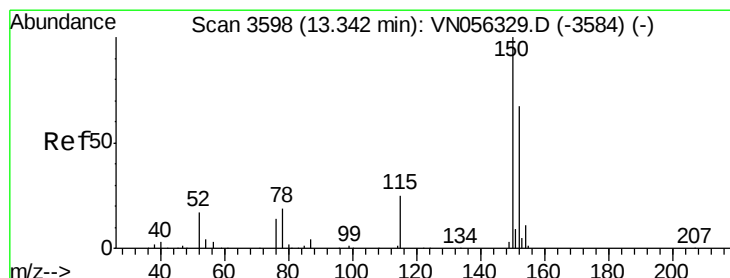
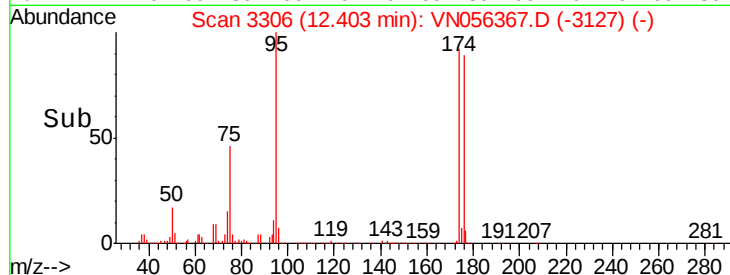
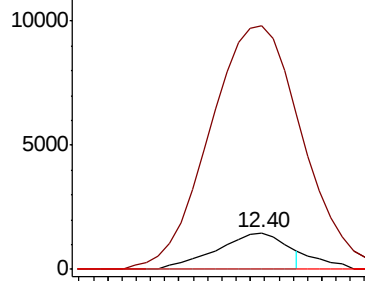
#71
Bromoform
Concen: 0.575 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1993
Ion Ratio Lower Upper
173 100
175 760.6 24.3 73.0#
254 0.0 0.0 0.0

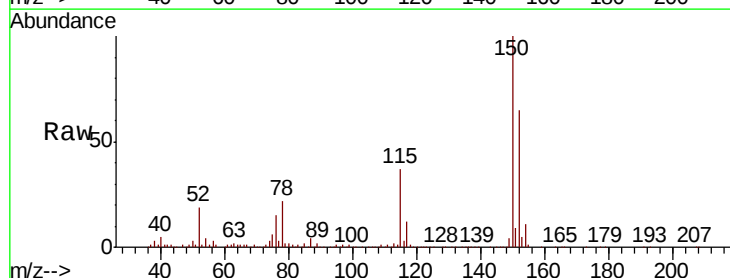


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

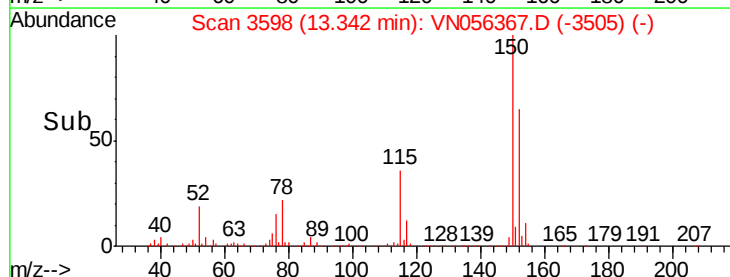
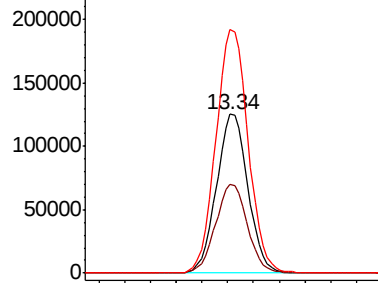


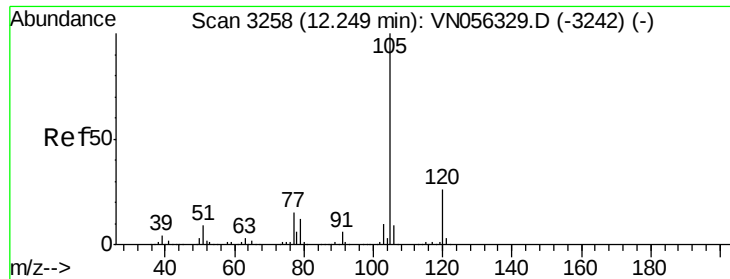
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion:152 Resp: 212701
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.3
150 157.1 0.0 345.8



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: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

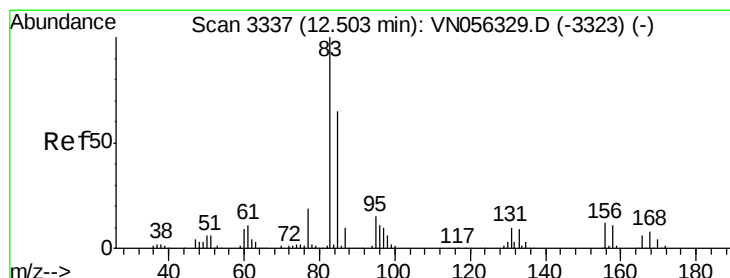
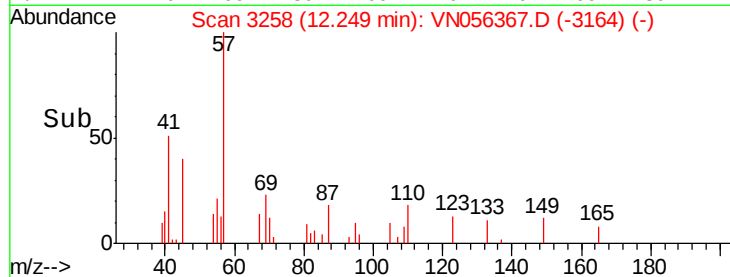
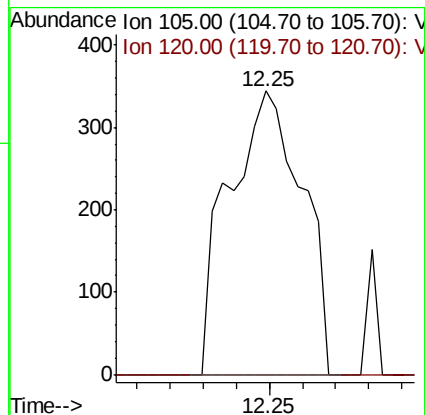
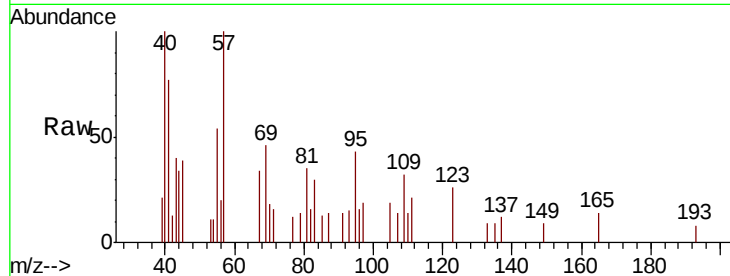
ClientSampleId :

Tot Ion: 105 Resp: 532

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

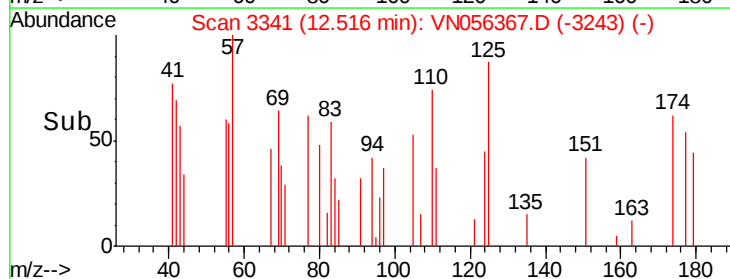
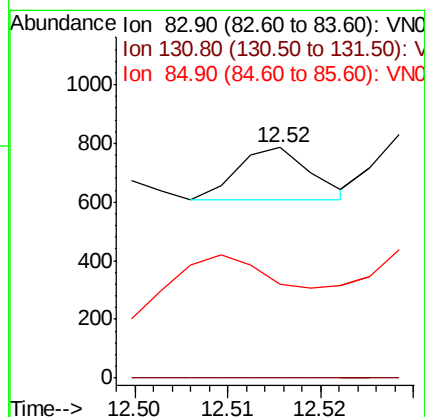
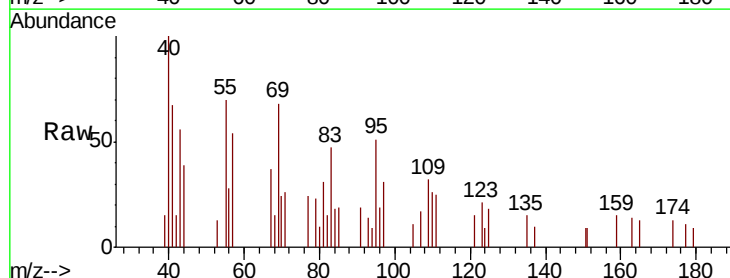
Tgt Ion: 83 Resp: 100

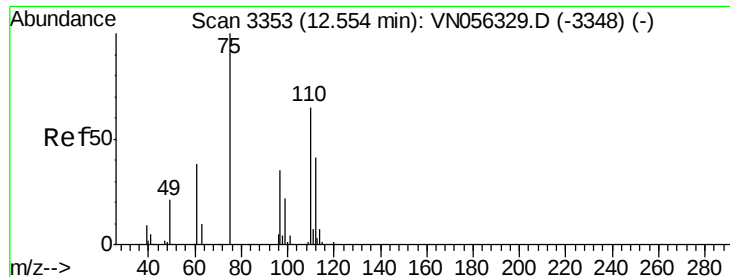
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 448.0 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 26.131 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

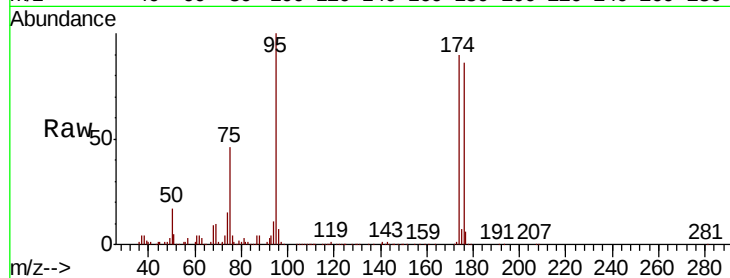
ClientSampleId :

Tot Ion: 75 Resp: 118751

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

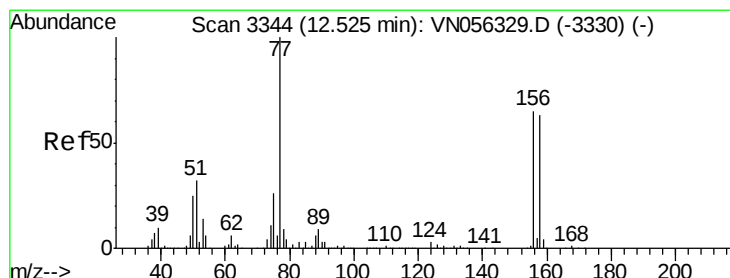
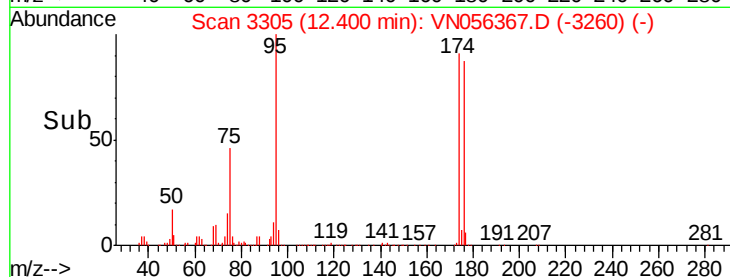
60000

40000

20000

0

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

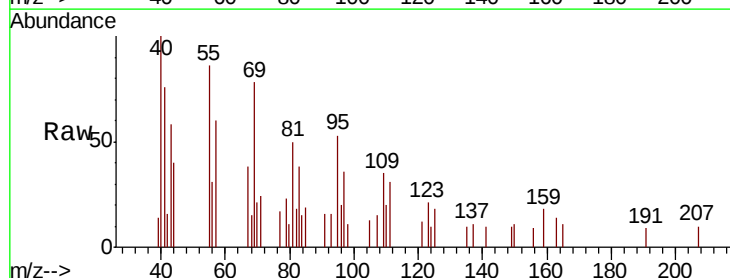
Tgt Ion: 156 Resp: 30

Ion Ratio Lower Upper

156 100

77 656.7 92.9 278.7#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

500

400

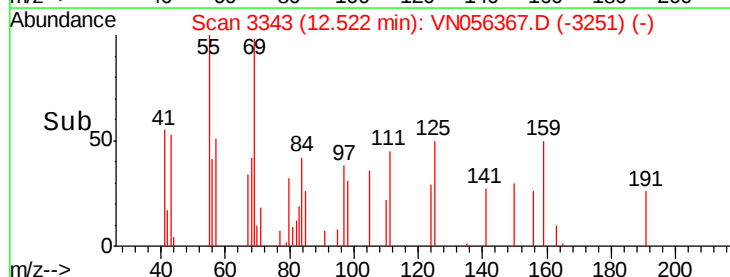
300

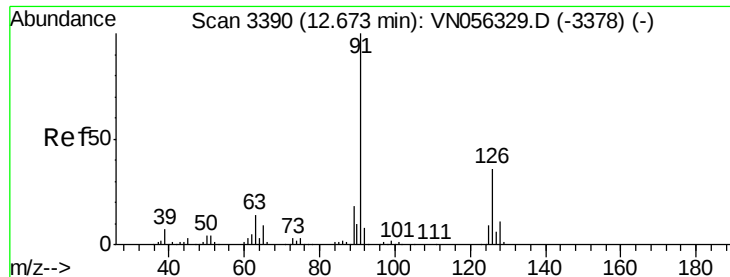
200

100

0

Time-->

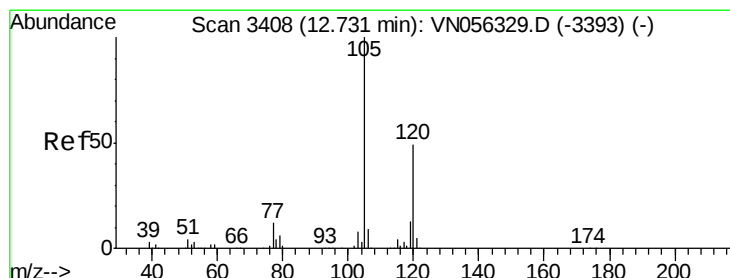
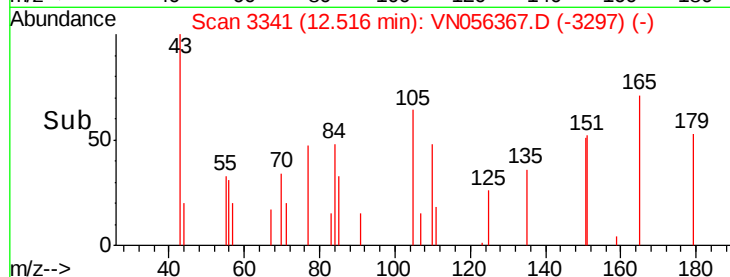
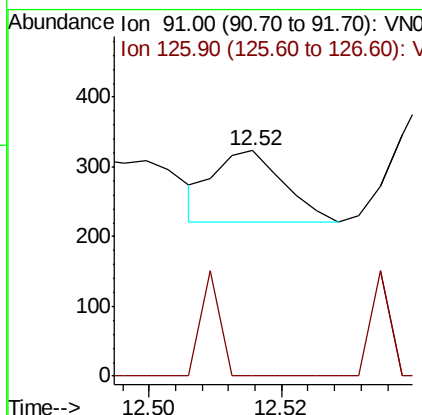
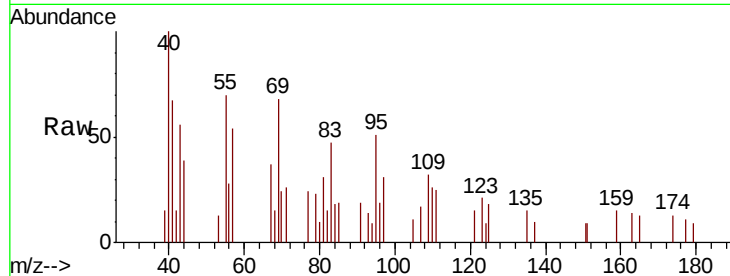




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.52 min Scan# 3341
 Delta R.T. -0.16 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

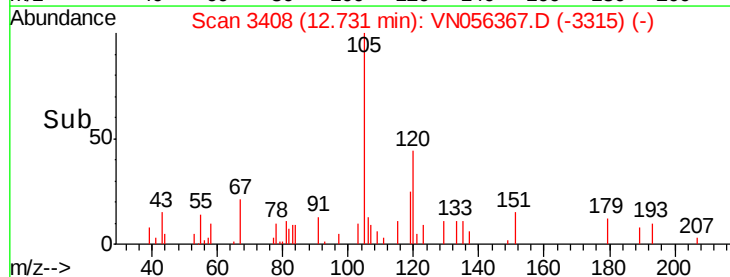
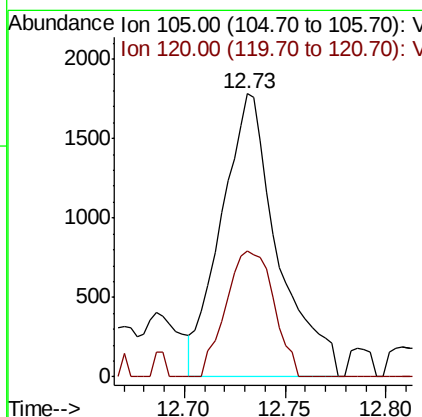
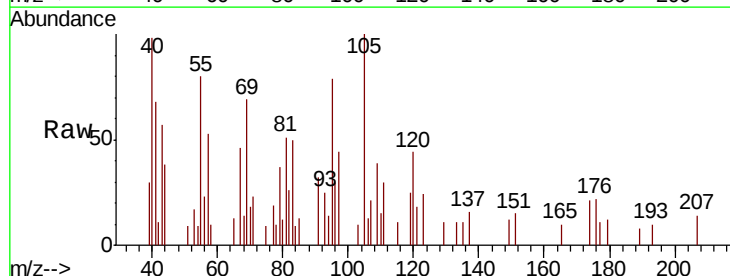
Instrument :
 MSVOA_N
 ClientSampleId :

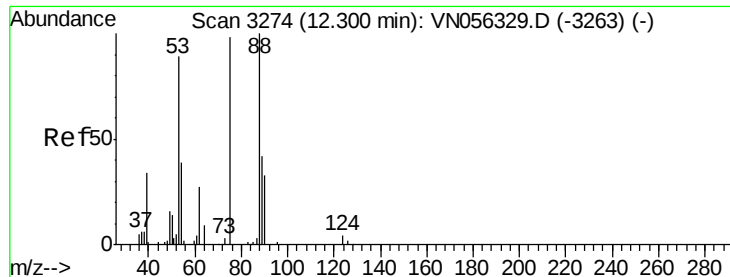
Tot Ion: 91 Resp: 74
 Ion Ratio Lower Upper
 91 100
 126 39.2 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

Tgt Ion:105 Resp: 3474
 Ion Ratio Lower Upper
 105 100
 120 37.9 24.4 73.4

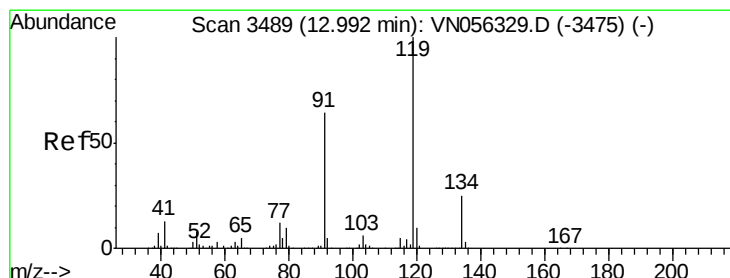
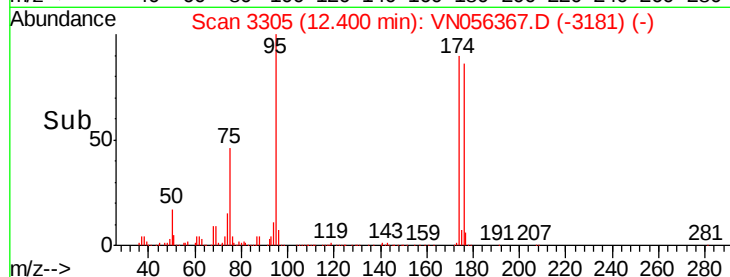
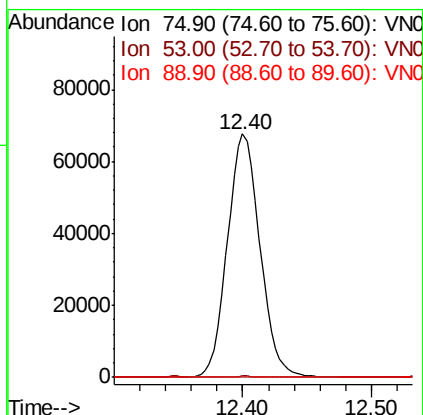
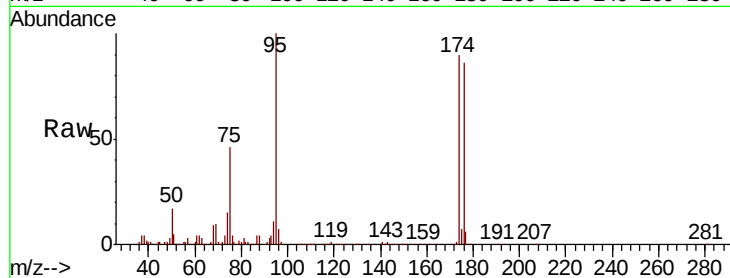




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.187 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

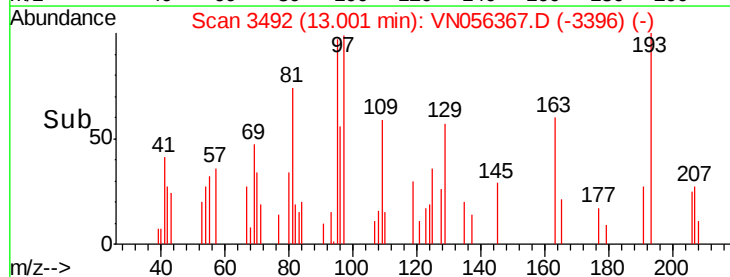
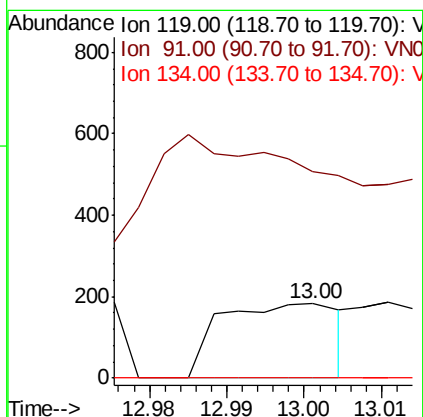
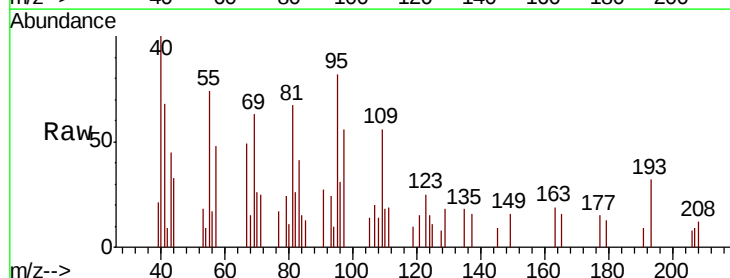
Instrument :
 MSVOA_N
 ClientSampleId :

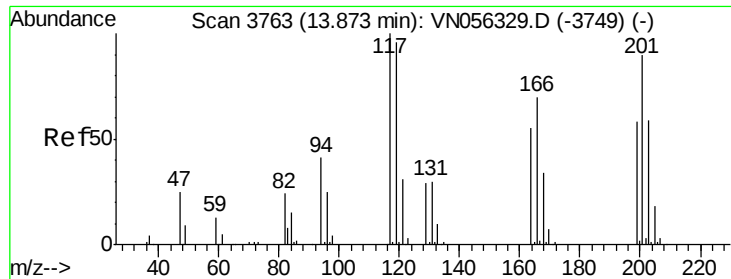
Tot Ion: 75 Resp: 118751
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.4 53.2#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: VN056367.D
 Acq: 18 Jun 2019 15:43

Tgt Ion: 119 Resp: 195
 Ion Ratio Lower Upper
 119 100
 91 188.7 31.5 94.5#
 134 0.0 13.6 40.7#

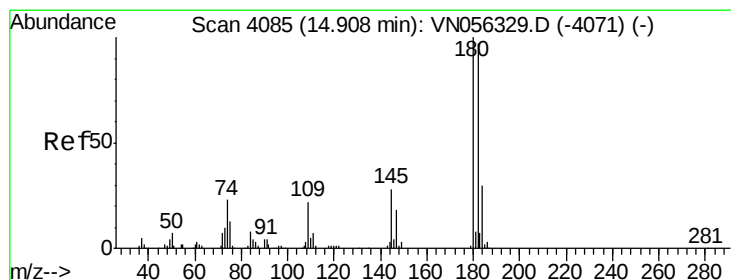
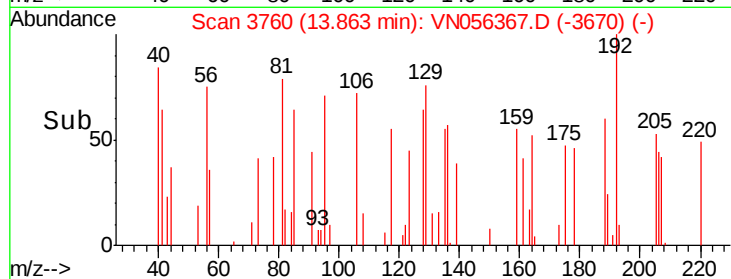
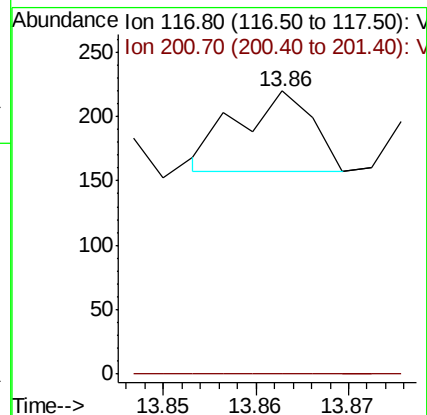
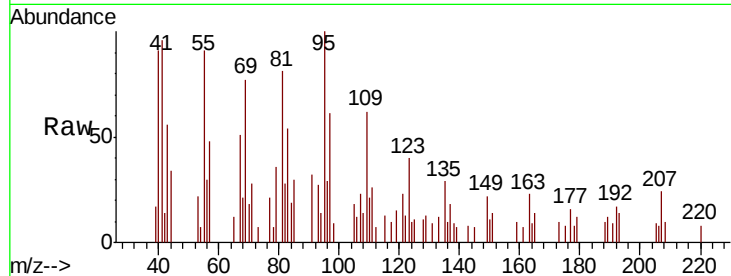




#90
Hexachloroethane
Concen: Below Cal
RT: 13.86 min Scan# 3760
Delta R.T. -0.01 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

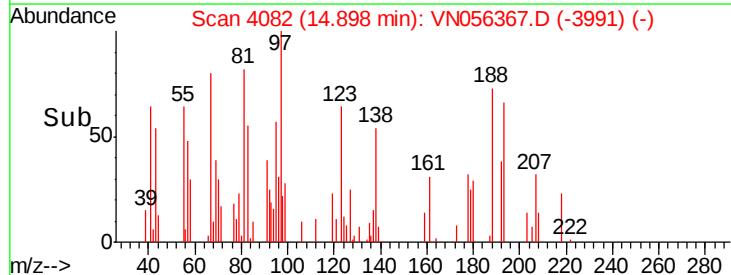
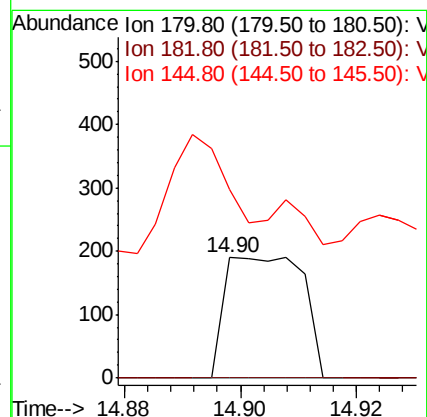
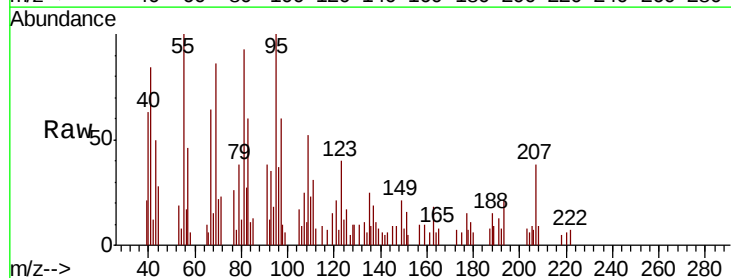
Instrument :
MSVOA_N
ClientSampled :

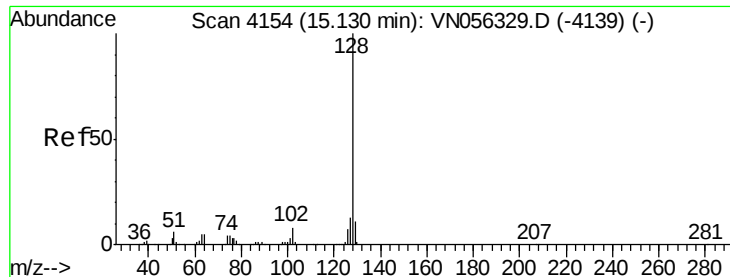
Tot Ion:117 Resp: 35
Ion Ratio Lower Upper
117 100
201 0.0 45.8 137.3#



#93
1,2,4-Trichlorobenzene
Concen: 5.349 ug/l
RT: 14.90 min Scan# 4082
Delta R.T. -0.01 min
Lab File: VN056367.D
Acq: 18 Jun 2019 15:43

Tgt Ion:180 Resp: 177
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 79.7 14.0 41.9#





#95

Naphthalene

Concen: 4.815 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

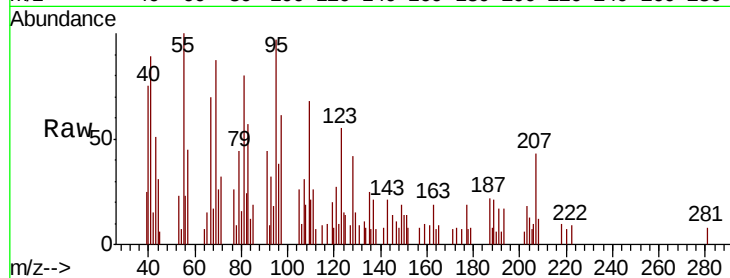
Tot Ion:128 Resp: 1660

Ion Ratio Lower Upper

128 100

127 26.0 10.6 15.8#

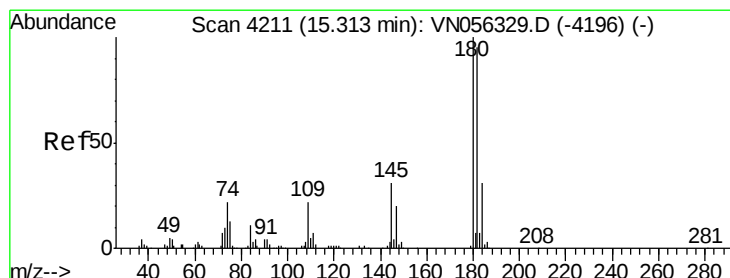
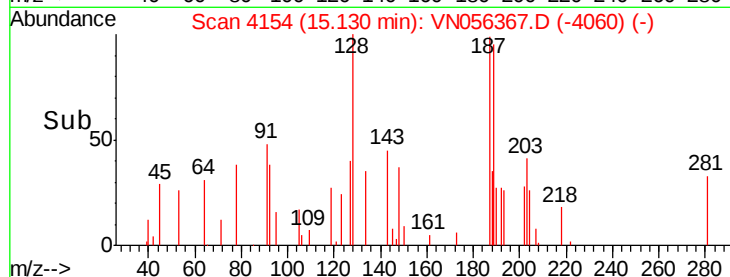
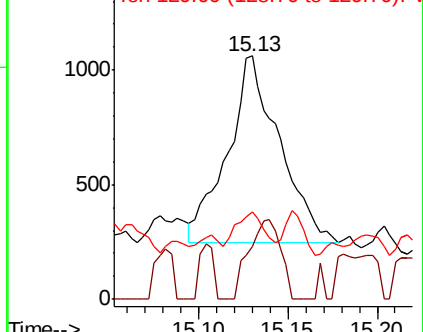
129 11.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.844 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056367.D

Acq: 18 Jun 2019 15:43

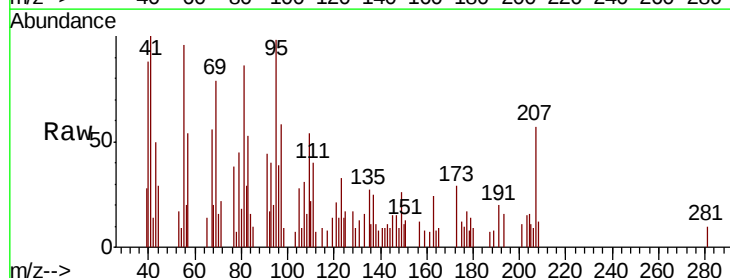
Tgt Ion:180 Resp: 170

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.4#

145 0.0 14.9 44.9#



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

