

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056360.D
 Acq On : 18 Jun 2019 12:56
 Operator : JC/SP
 Sample : K3157-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:59:34 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	345364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	589252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183797	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	204982	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	175714	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	743431	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	245391	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15526	7.236	ug/l	99
18) Methyl Acetate	4.33	43	5312	Below Cal	#	82
20) Methylene Chloride	4.55	84	3252	0.858	ug/l	88
25) 2-Butanone	6.87	43	2187	0.841	ug/l #	88
29) Tetrahydrofuran	7.22	42	1372	0.888	ug/l #	62
30) Chloroform	7.37	83	3123	0.506	ug/l	100
31) Cyclohexane	7.66	56	5650	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21788	4.109	ug/l #	48
38) Carbon Tetrachloride	7.66	117	29966	5.888	ug/l #	16
41) Methacrylonitrile	7.23	41	692	0.300	ug/l #	22
43) Isopropyl Acetate	8.17	43	10196	1.268	ug/l	95
44) Trichloroethene	8.84	130	942	0.215	ug/l	88
45) 1,2-Dichloropropane	9.27	63	964	0.227	ug/l #	44
48) Methyl methacrylate	9.18	41	7969	1.965	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	4615	0.901	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	45161	7.306	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	9575	1.409	ug/l #	42
59) 2-Hexanone	10.76	43	128708	33.874	ug/l #	51
71) Bromoform	12.40	173	1744	0.490	ug/l #	1
73) Isopropylbenzene	12.25	105	903	Below Cal	#	55
74) N-amyl acetate	12.08	43	1281	0.222	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	113502	28.904	ug/l #	100
77) Bromobenzene	12.53	156	351	Below Cal	#	60
79) 2-Chlorotoluene	12.68	91	892	Below Cal		77
80) 1,3,5-Trimethylbenzene	12.73	105	3314	0.258	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	113502	89.801	ug/l #	13
83) tert-Butylbenzene	12.99	119	623	Below Cal		79
88) 1,4-Dichlorobenzene	13.36	146	1358	0.226	ug/l #	25
89) n-Butylbenzene	13.61	91	1889	0.204	ug/l	88
93) 1,2,4-Trichlorobenzene	14.91	180	1331	5.680	ug/l	92
94) Hexachlorobutadiene	15.01	225	434	Below Cal		88
95) Naphthalene	15.13	128	5139	5.215	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	1691	4.272	ug/l	89

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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

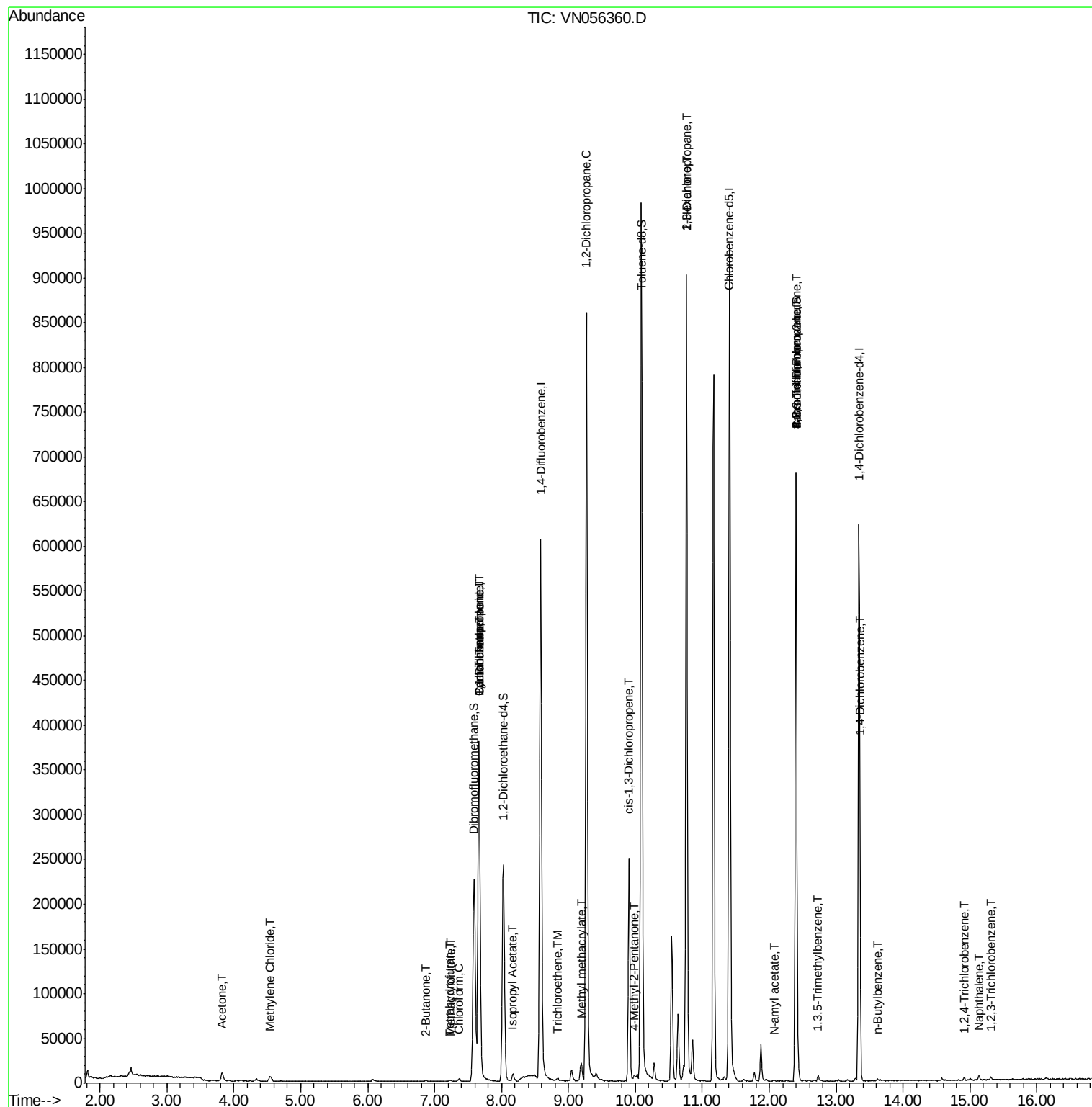
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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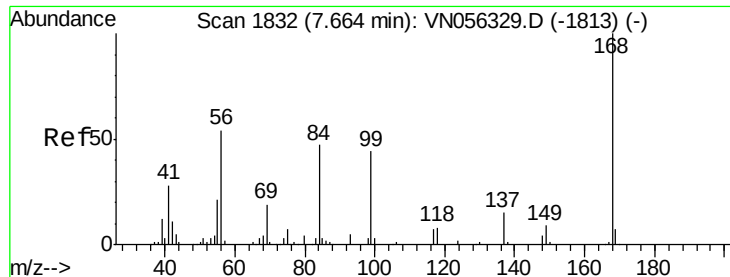
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056360.D
Acq On : 18 Jun 2019 12:56
Operator : JC/SP
Sample : K3157-06
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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: VN056360.D

Acq: 18 Jun 2019 12:56

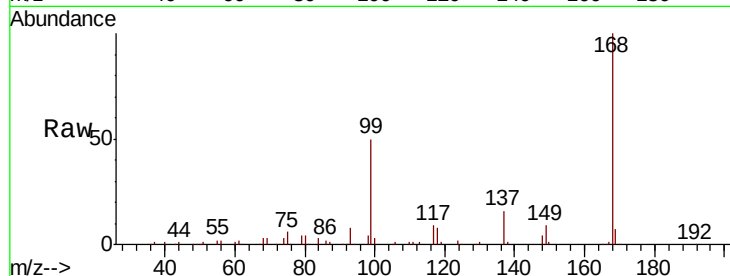
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 345364

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

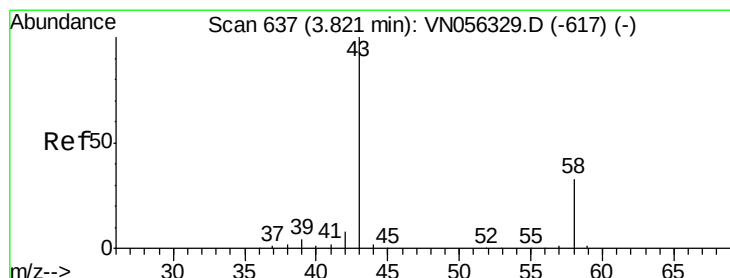
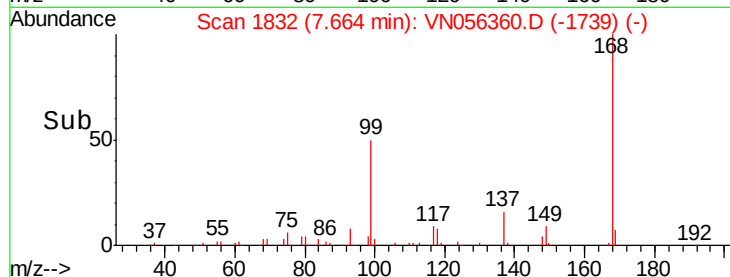
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 7.236 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056360.D

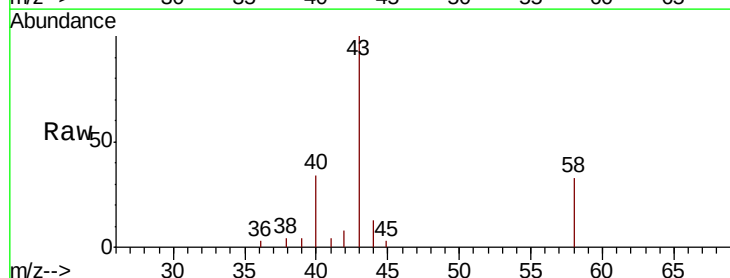
Acq: 18 Jun 2019 12:56

Tgt Ion: 43 Resp: 15526

Ion Ratio Lower Upper

43 100

58 33.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

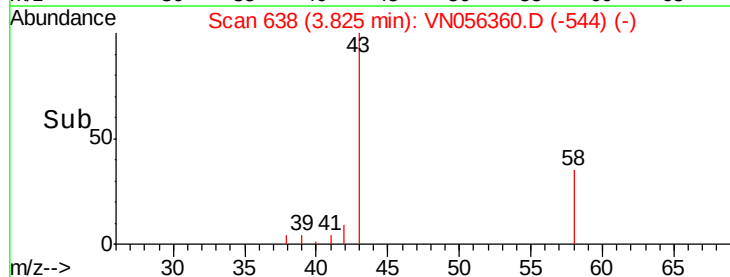
2000

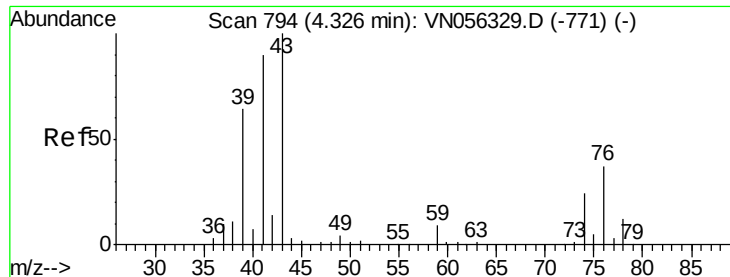
1000

0

Time-->

3.80 3.90

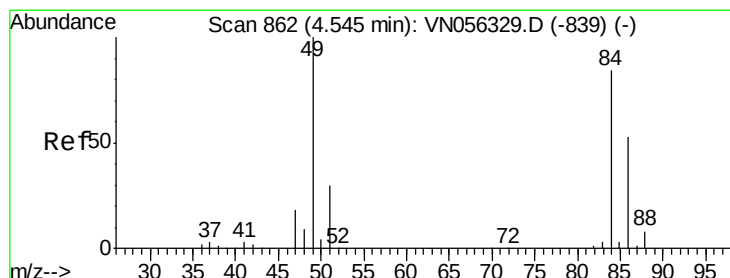
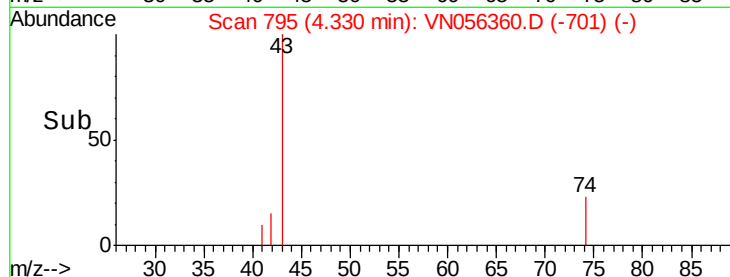
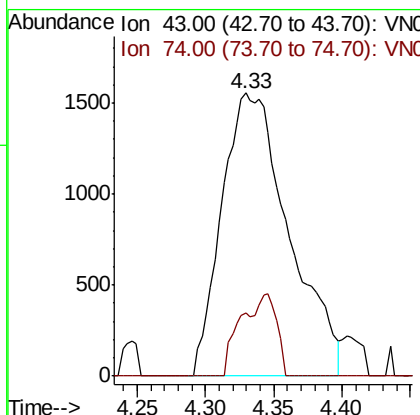
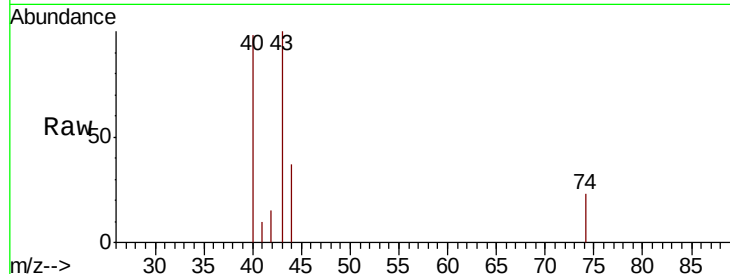




#18
Methvl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

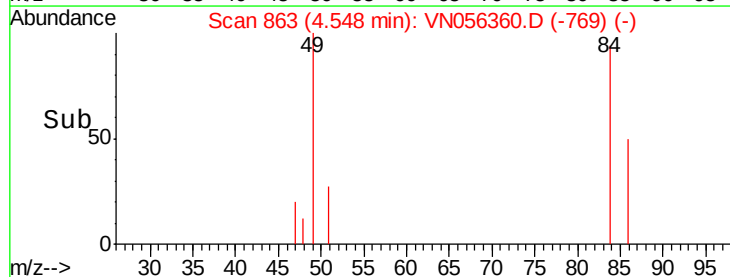
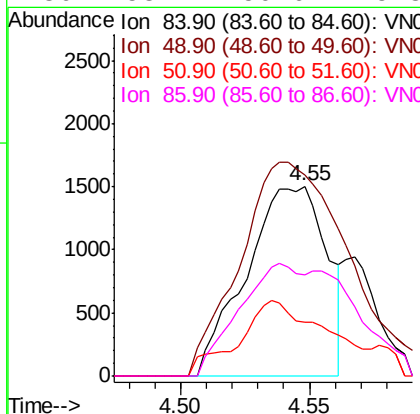
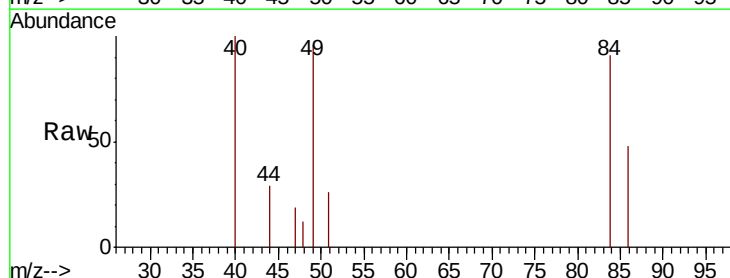
Instrument :
MSVOA_N
ClientSampleId :

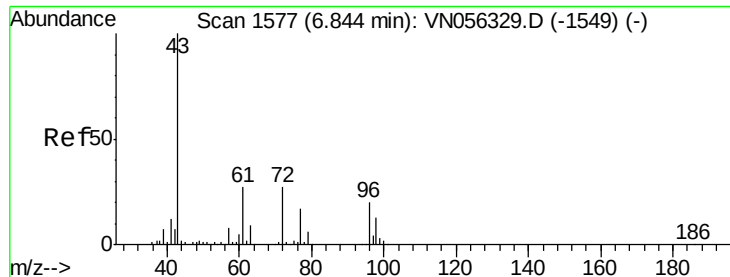
Tot Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
74 15.4 19.4 29.2#



#20
Methylene Chloride
Concen: 0.858 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 84 Resp: 3252
Ion Ratio Lower Upper
84 100
49 106.0 95.0 142.6
51 28.4 28.2 42.4
86 53.1 50.6 75.8

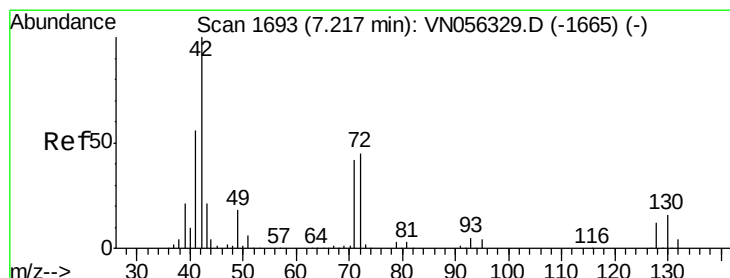
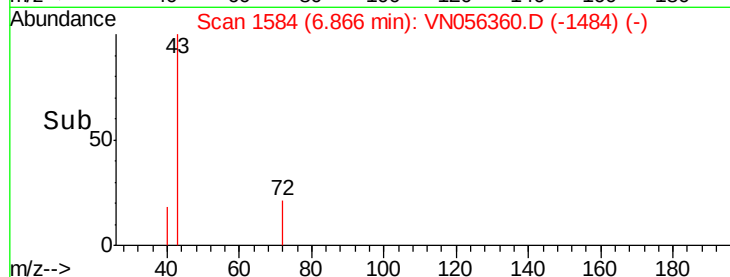
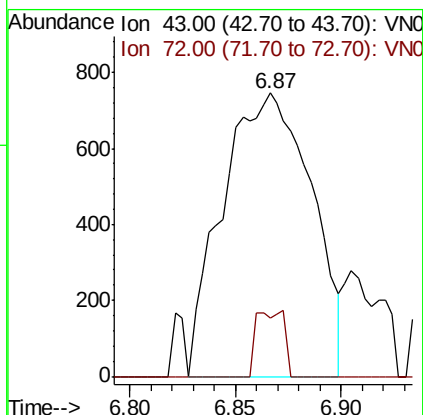
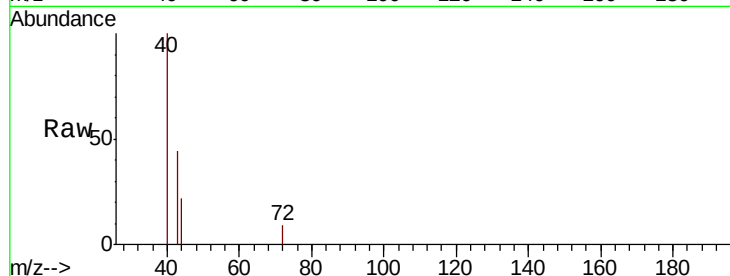




#25
2-Butanone
Concen: 0.841 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

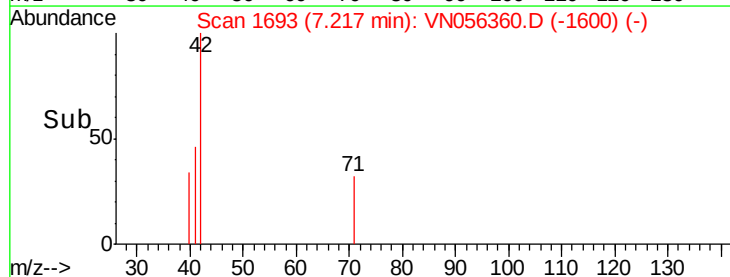
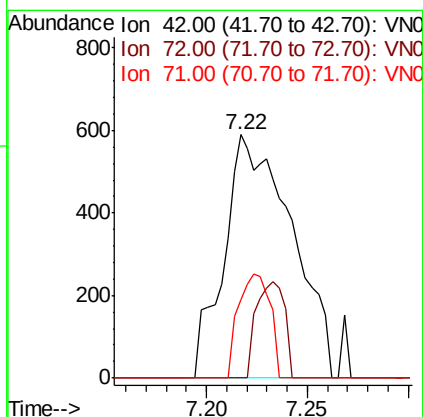
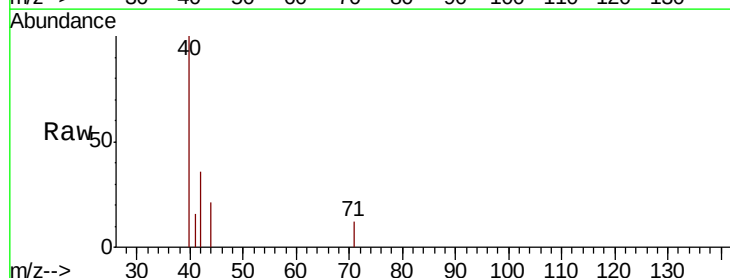
Instrument :
MSVOA_N
ClientSampleId :

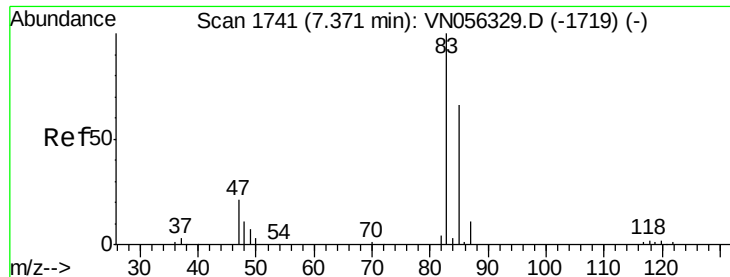
Tot Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
72 20.5 21.4 32.2#



#29
Tetrahydrofuran
Concen: 0.888 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 42 Resp: 1372
Ion Ratio Lower Upper
42 100
72 16.7 35.3 52.9#
71 20.2 32.7 49.1#

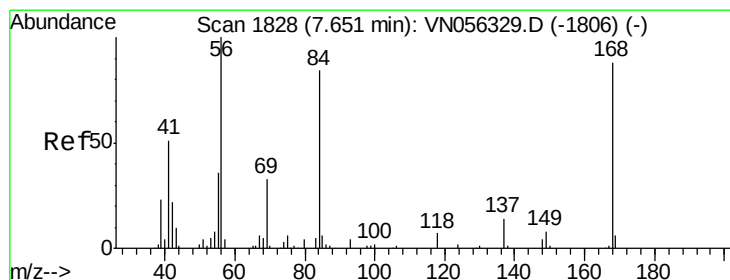
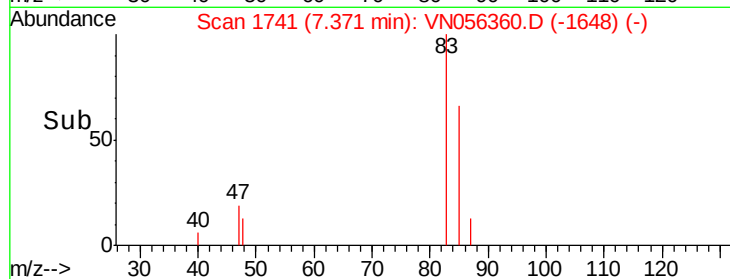
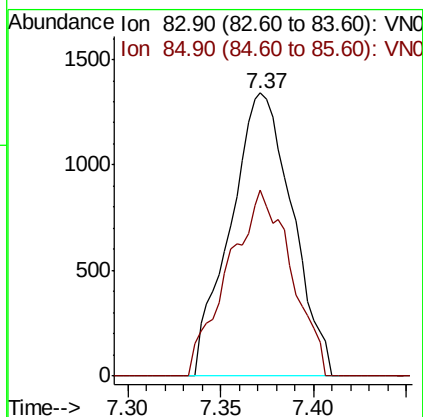
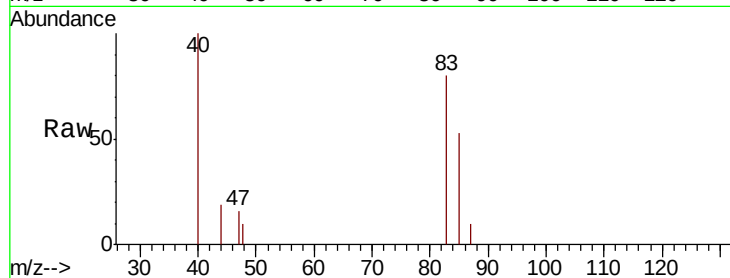




#30
Chloroform
Concen: 0.506 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

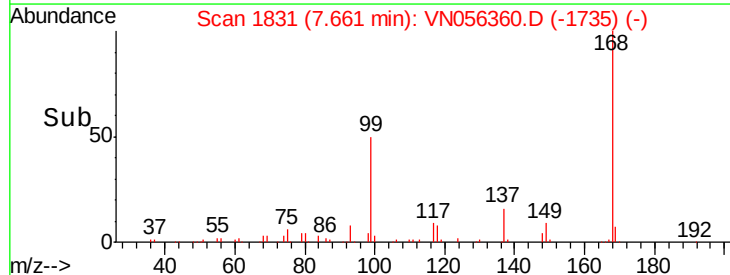
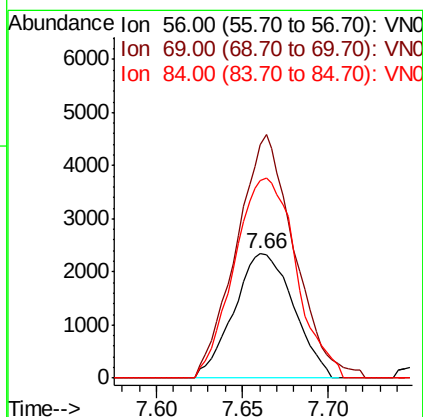
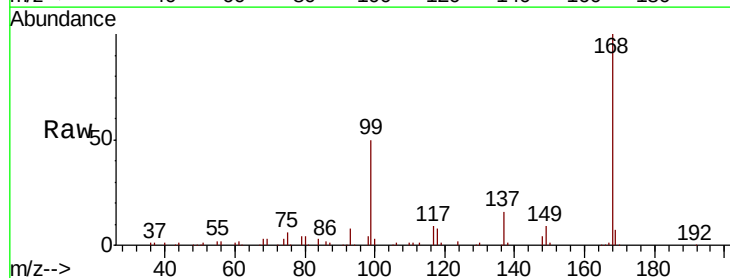
Instrument :
MSVOA_N
ClientSampled :

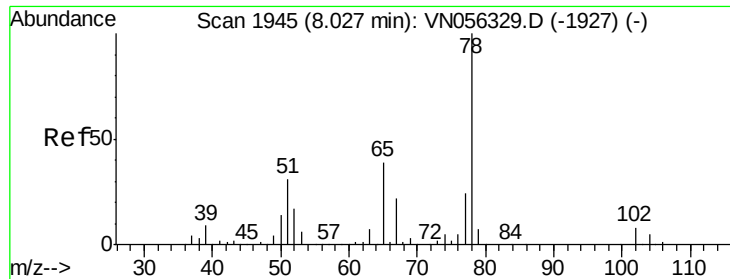
Tot Ion: 83 Resp: 3123
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8



#31
Cyclohexane
Concen: 0.944 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 56 Resp: 5650
Ion Ratio Lower Upper
56 100
69 187.0 26.0 39.0#
84 158.8 67.4 101.0#

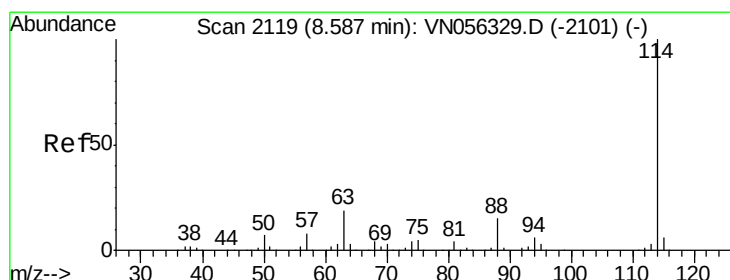
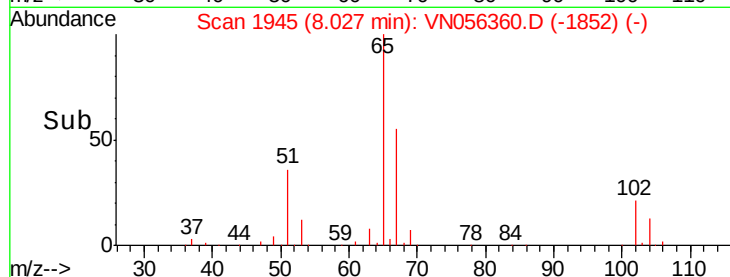
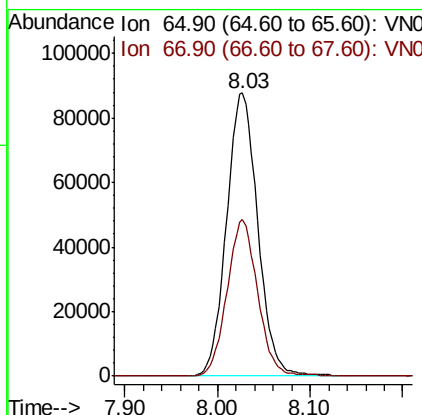
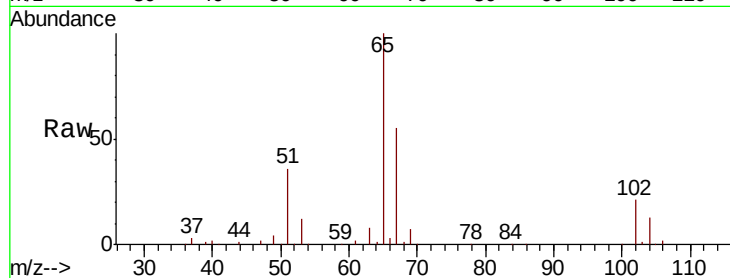




#33
 1,2-Dichloroethane-d4
 Concen: 52.786 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

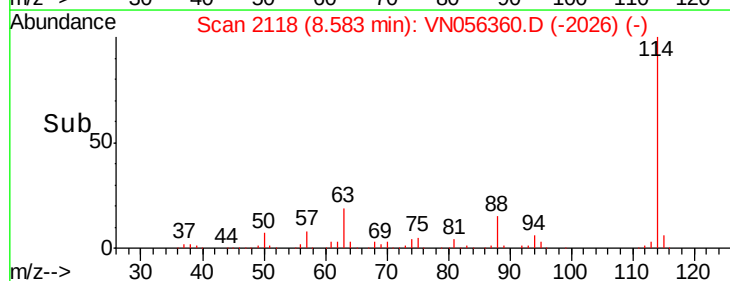
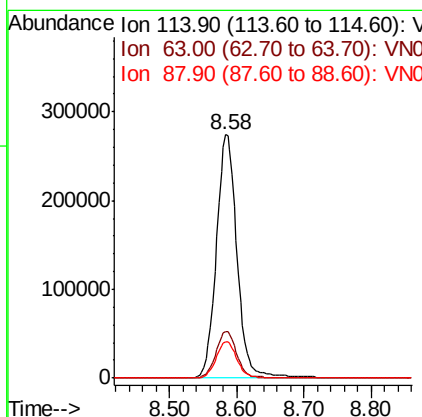
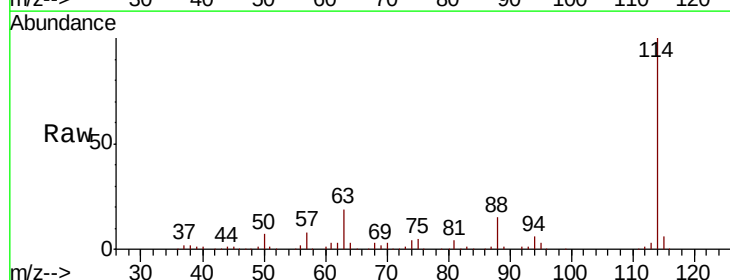
Instrument :
 MSVOA_N
 ClientSampleId :

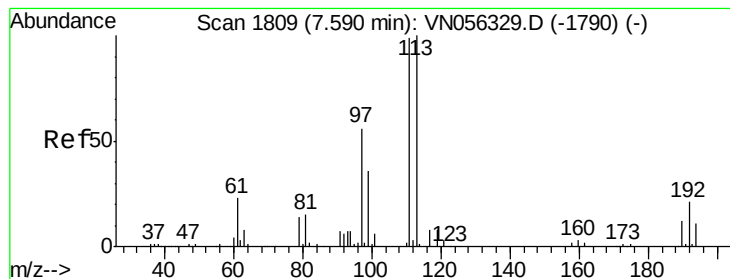
Tot Ion: 65 Resp: 204982
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Tgt Ion: 114 Resp: 589252
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.501 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

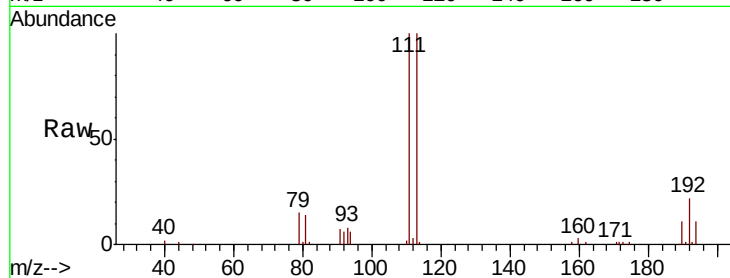
Tot Ion:113 Resp: 175714

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

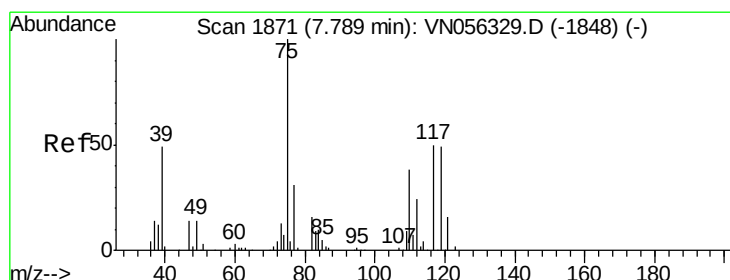
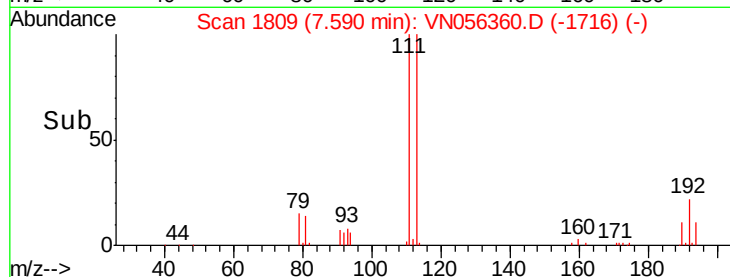
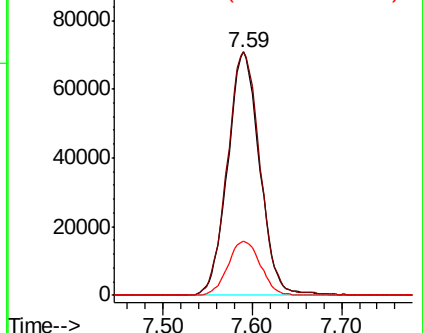
192 22.7 17.6 26.4



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: 4.109 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

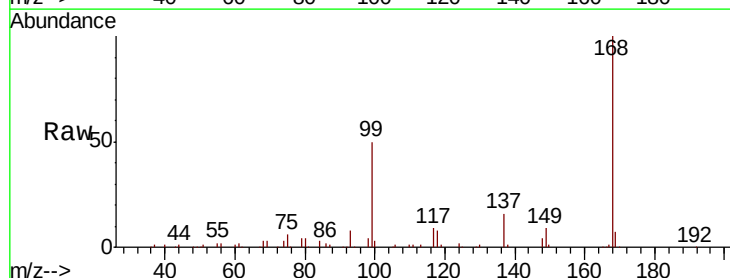
Tgt Ion: 75 Resp: 21788

Ion Ratio Lower Upper

75 100

110 8.9 18.6 56.0#

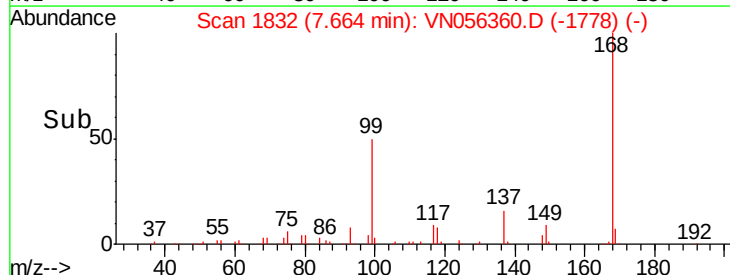
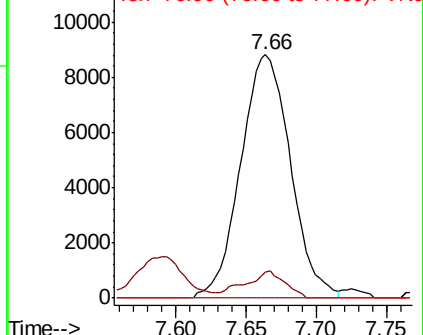
77 0.0 25.0 37.6#

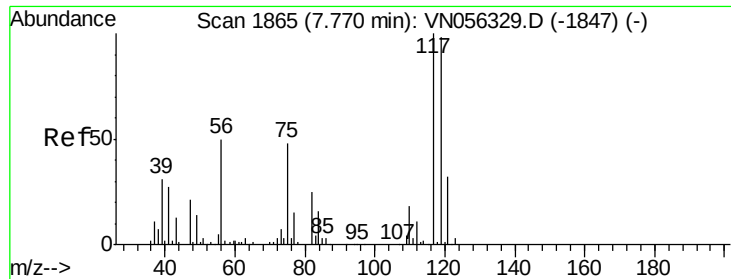


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

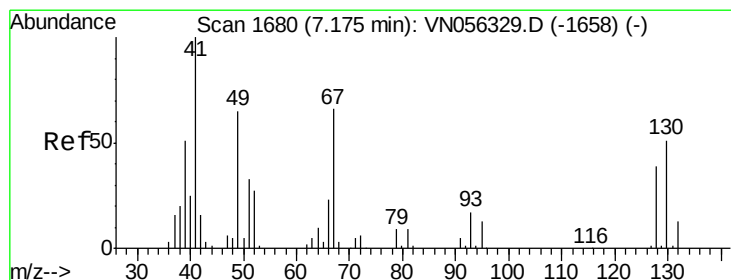
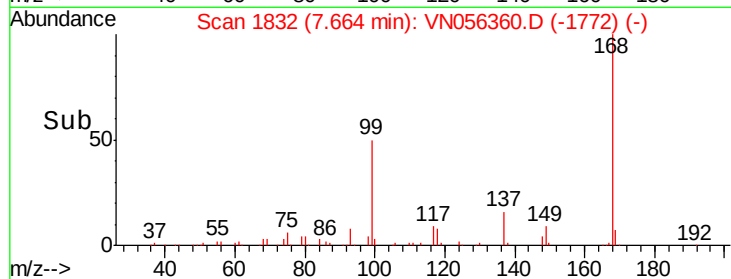
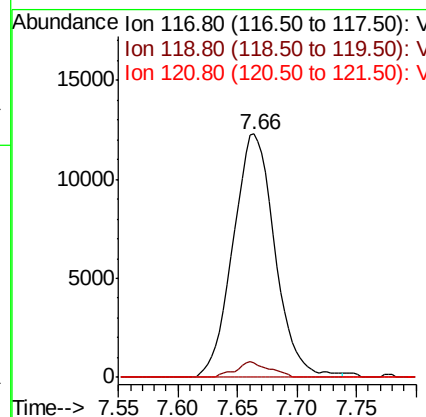
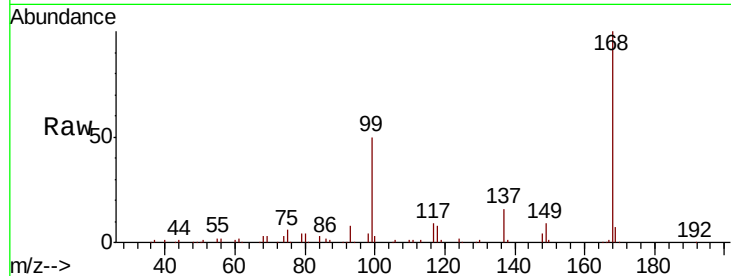




#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

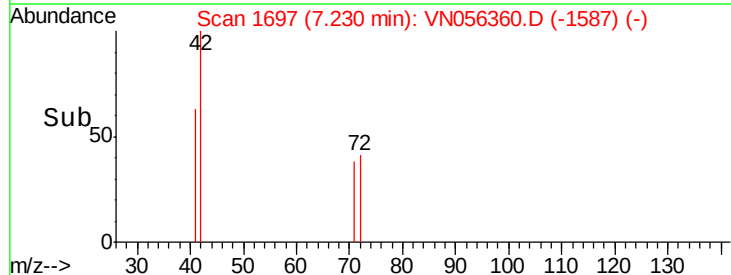
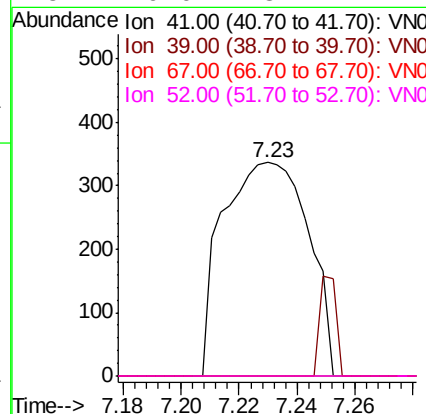
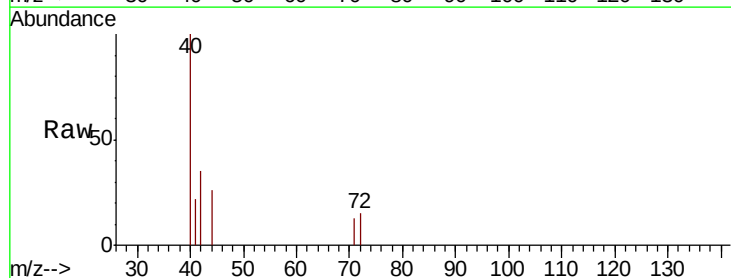
Instrument :
MSVOA_N
ClientSampleId :

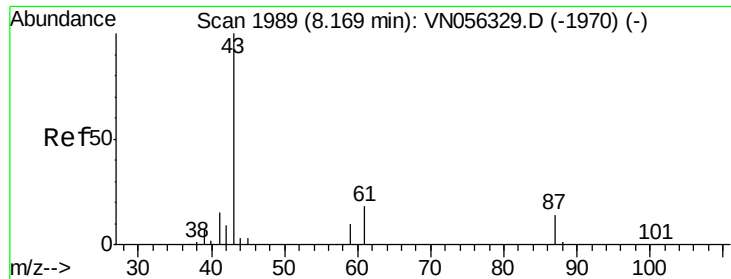
Tot Ion:117 Resp: 29966
Ion Ratio Lower Upper
117 100
119 5.8 77.8 116.8#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 0.300 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 41 Resp: 692
Ion Ratio Lower Upper
41 100
39 8.7 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#





#43

Isopropyl Acetate

Concen: 1.268 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

ClientSampled :

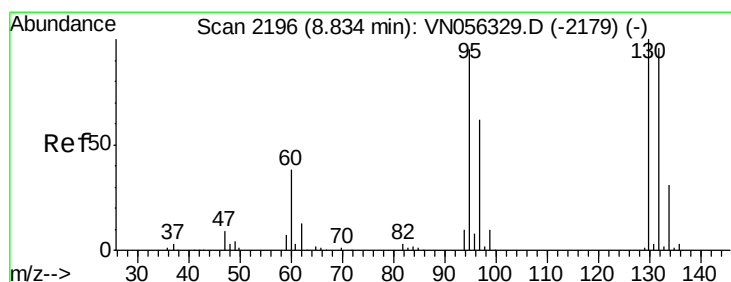
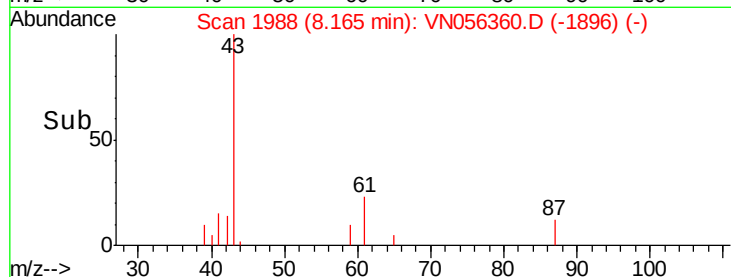
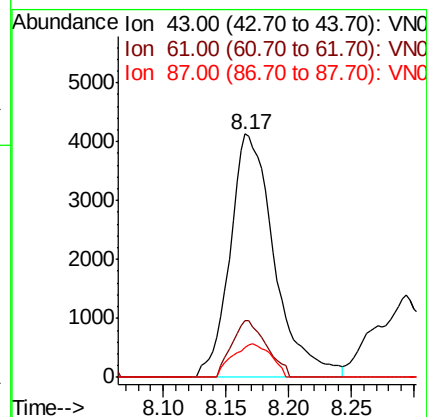
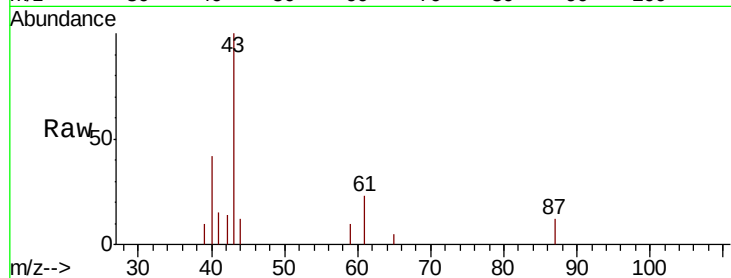
Tot Ion: 43 Resp: 10196

Ion Ratio Lower Upper

43 100

61 18.1 16.6 25.0

87 11.8 11.0 16.4



#44

Trichloroethene

Concen: 0.215 ug/l

RT: 8.84 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VN056360.D

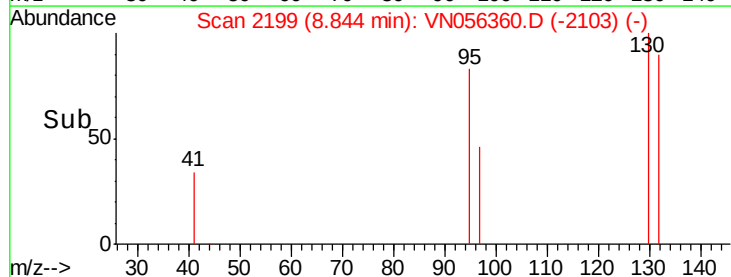
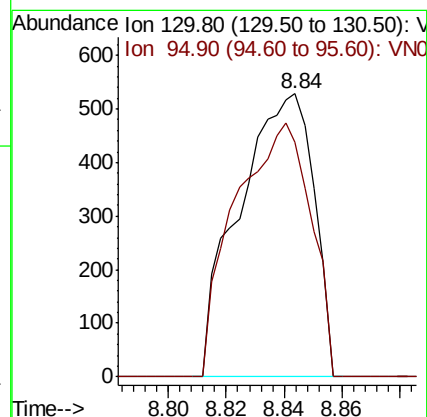
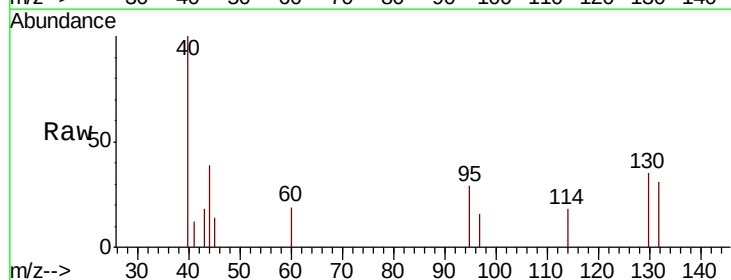
Acq: 18 Jun 2019 12:56

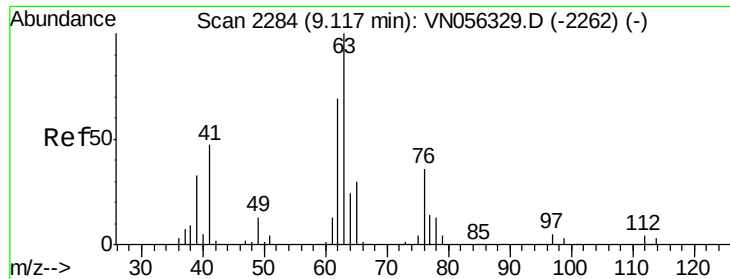
Tgt Ion: 130 Resp: 942

Ion Ratio Lower Upper

130 100

95 83.1 0.0 190.4





#45

1,2-Dichloropropane

Concen: 0.227 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

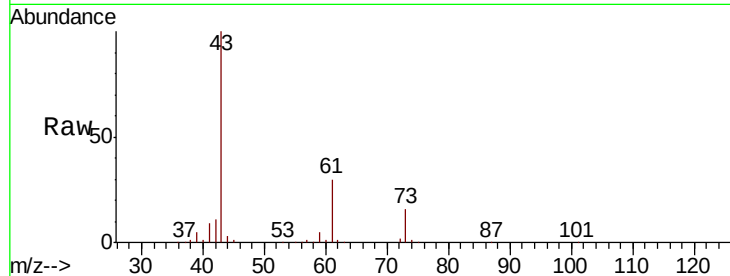
ClientSampled :

Tot Ion: 63 Resp: 964

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

9.27

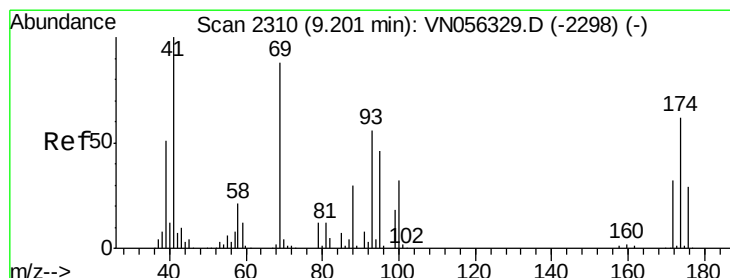
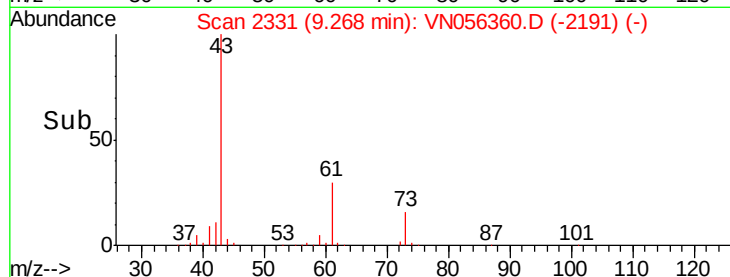
600

400

200

0

Time--> 9.22 9.24 9.26 9.28 9.30



#48

Methyl methacrylate

Concen: 1.965 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

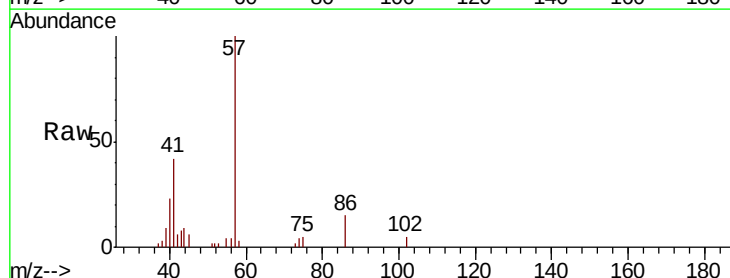
Tgt Ion: 41 Resp: 7969

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

39 18.9 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

50000

40000

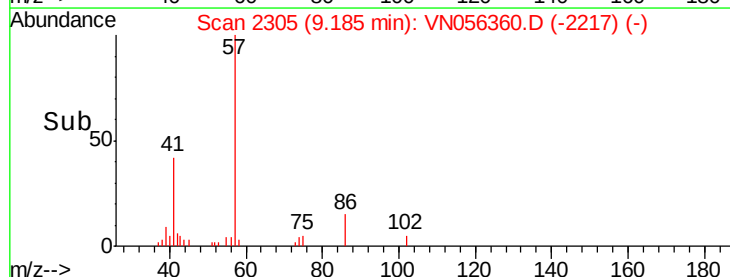
30000

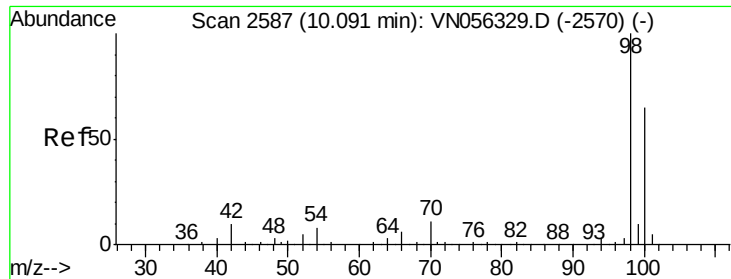
20000

10000

0

Time--> 9.15 9.20 9.25





#50

Toluene-d8

Concen: 51.499 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

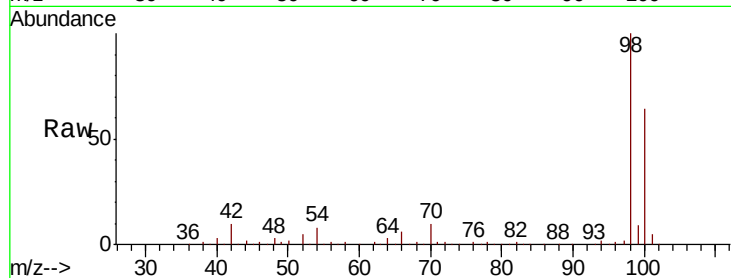
ClientSampled :

Tot Ion: 98 Resp: 743431

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN056329.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056329.D (-2570) (-)

10.09

400000

300000

200000

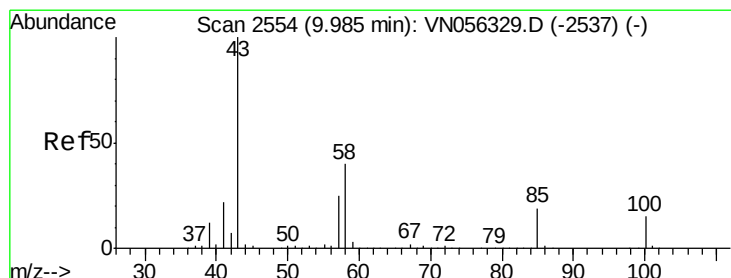
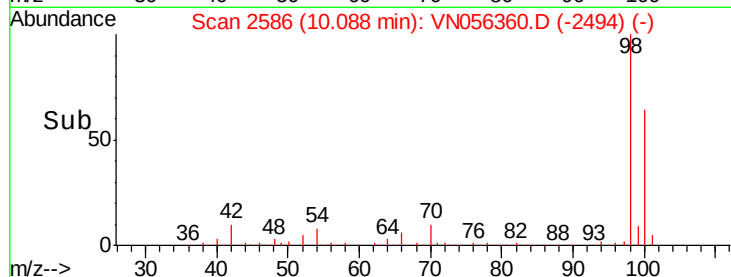
100000

0

10.00

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.901 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056360.D

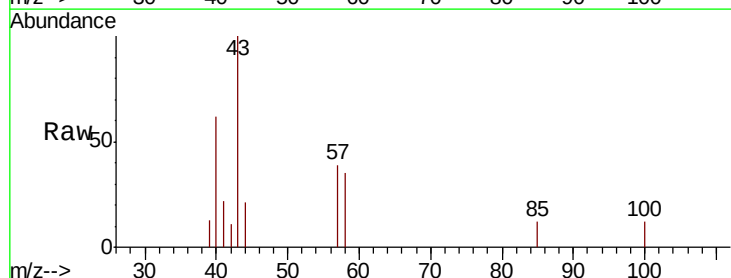
Acq: 18 Jun 2019 12:56

Tgt Ion: 43 Resp: 4615

Ion Ratio Lower Upper

43 100

58 37.3 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN056329.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN056329.D (-2537) (-)

9.99

4000

3000

2000

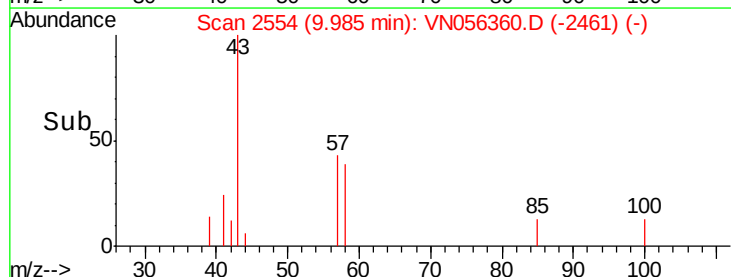
1000

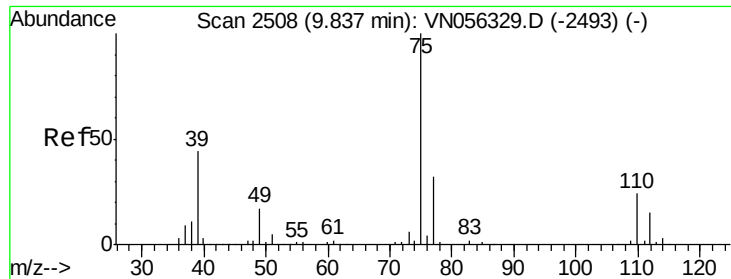
0

9.95

10.00

Time-->



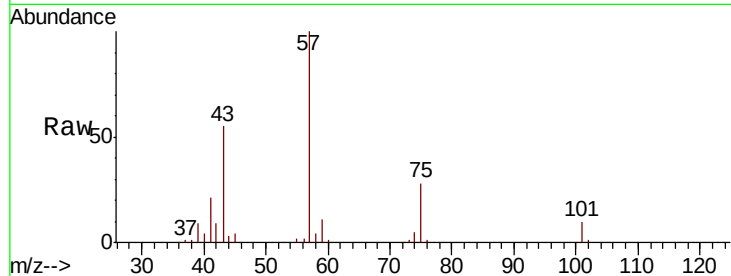


#54

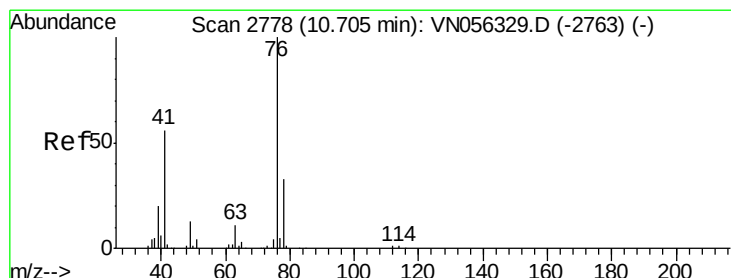
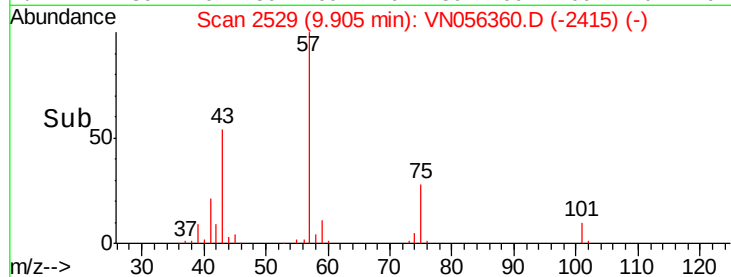
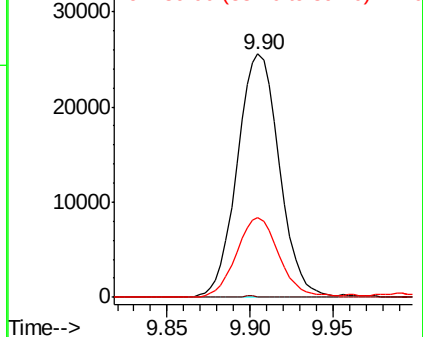
cis-1,3-Dichloropropene
 Concen: 7.306 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	32.9	35.4	53.0#



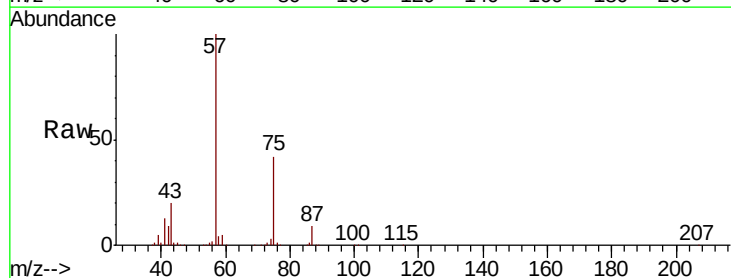
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



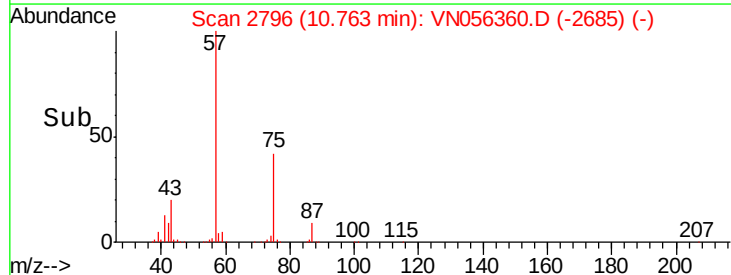
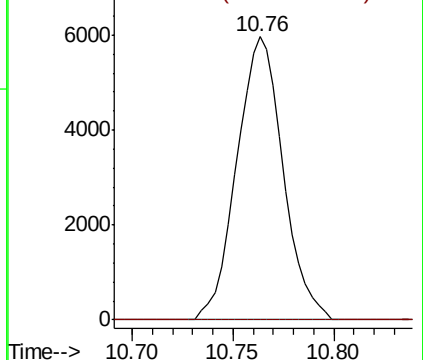
#57

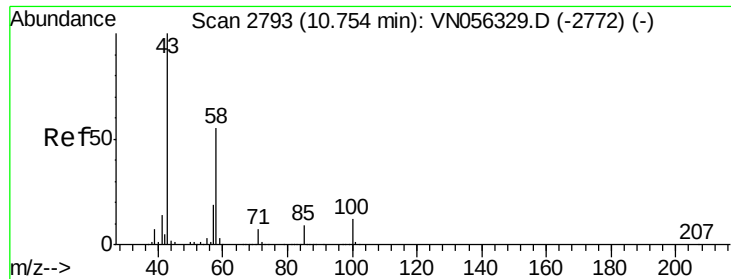
1,3-Dichloropropane
 Concen: 1.409 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

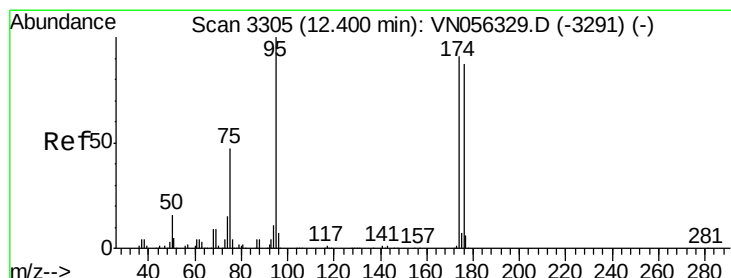
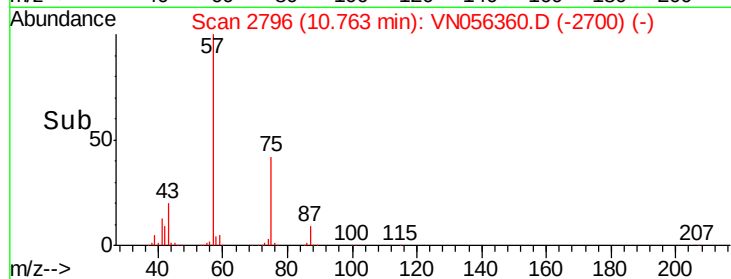
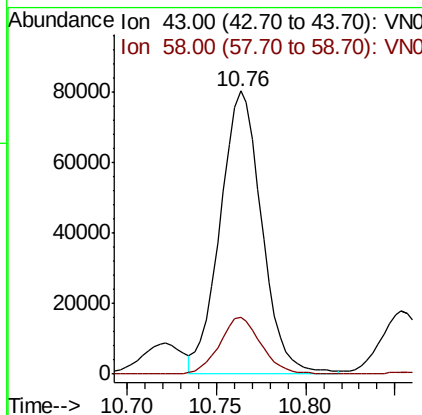
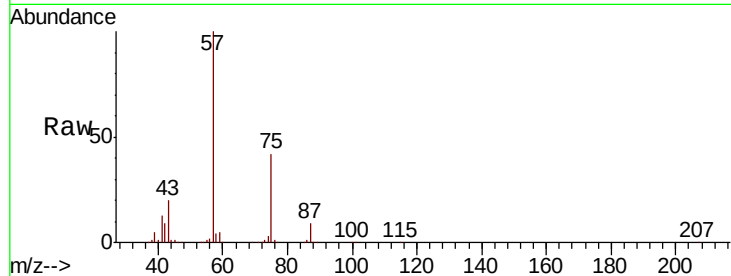




#59
2-Hexanone
Concen: 33.874 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

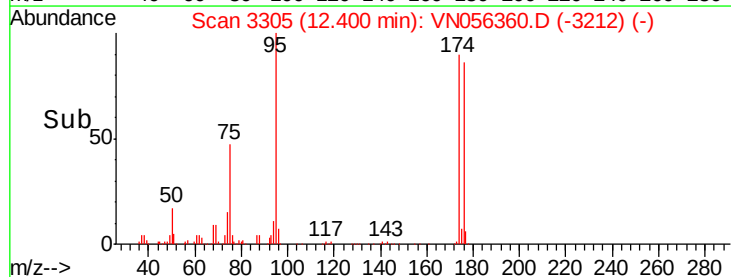
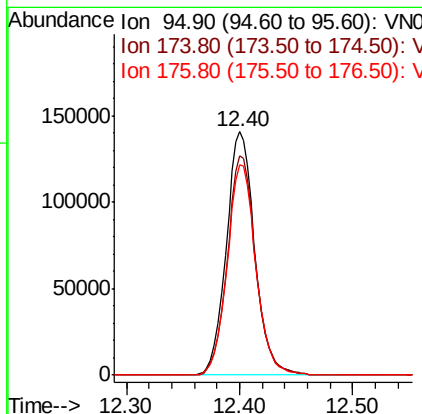
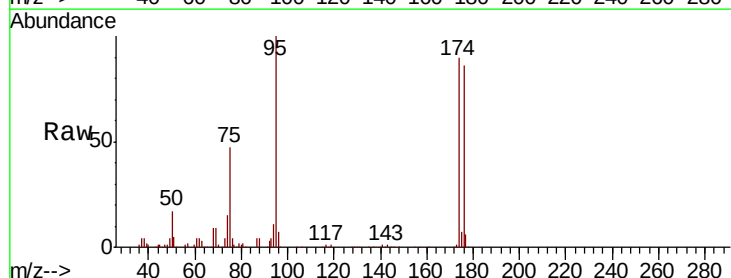
Instrument :
MSVOA_N
ClientSampled :

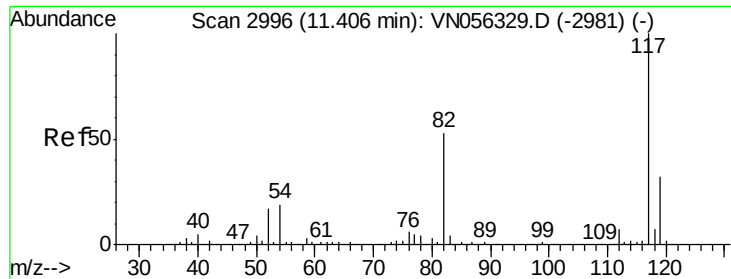
Tot Ion: 43 Resp: 128708
Ion Ratio Lower Upper
43 100
58 20.3 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 51.298 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 95 Resp: 245391
Ion Ratio Lower Upper
95 100
174 90.2 0.0 182.6
176 87.2 0.0 176.8

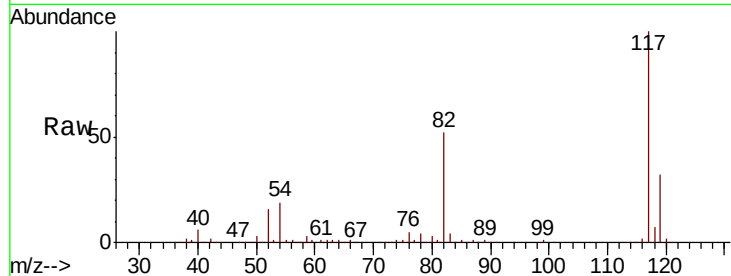




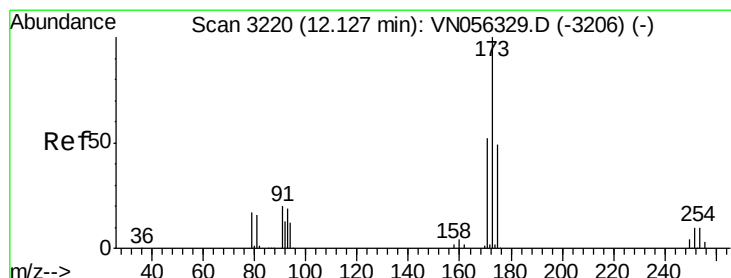
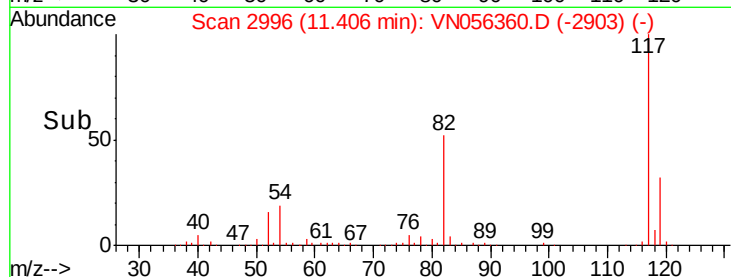
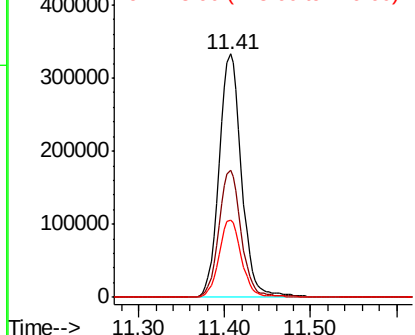
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 603972
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.9 26.0 39.0

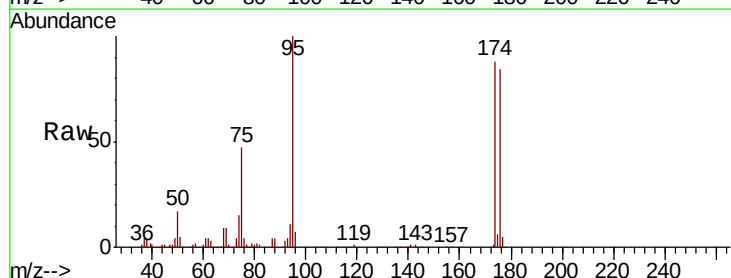


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

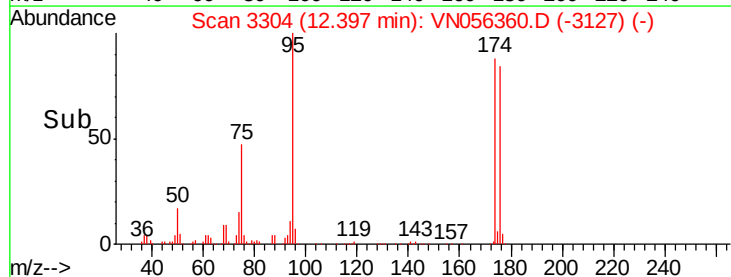
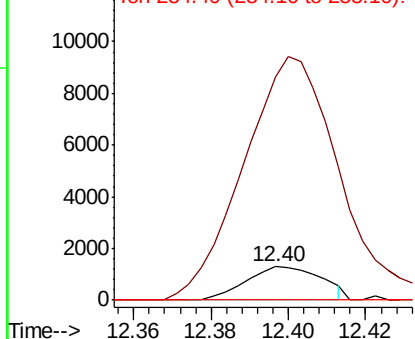


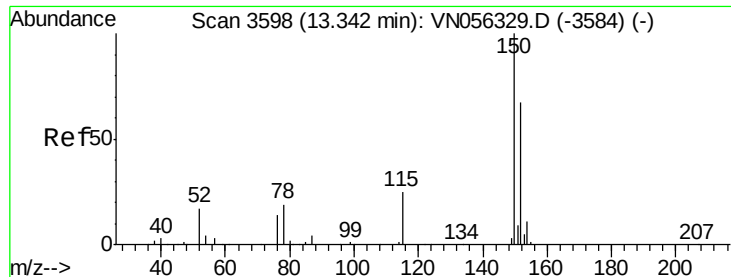
#71
Bromoform
Concen: 0.490 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion:173 Resp: 1744
Ion Ratio Lower Upper
173 100
175 812.7 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

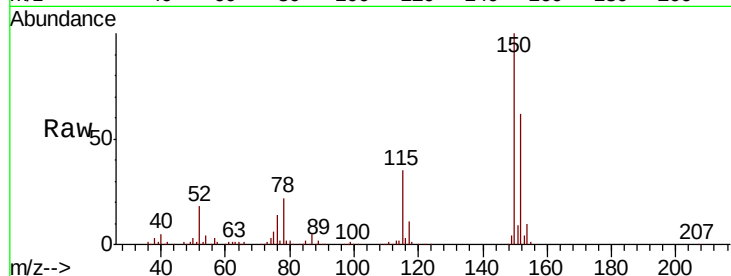




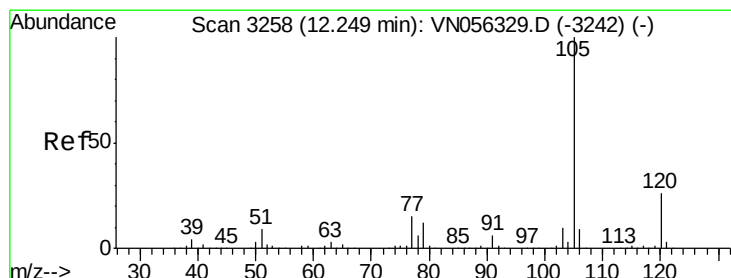
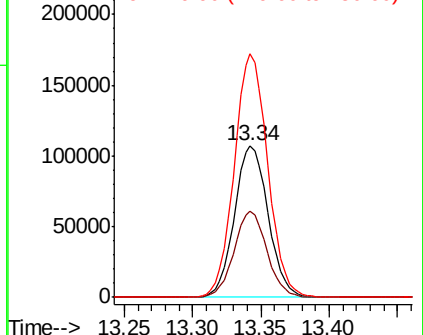
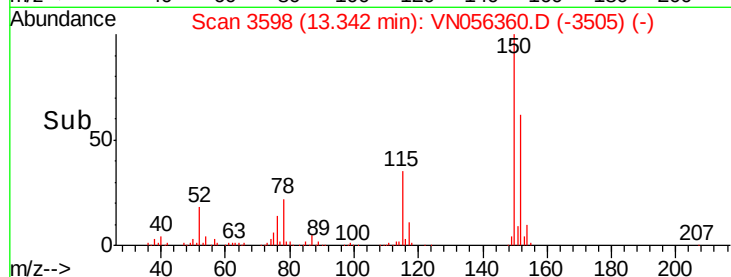
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 183797
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.8 83.3
 150 159.4 0.0 345.8

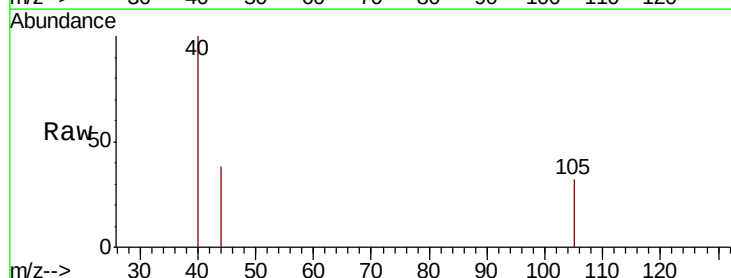


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

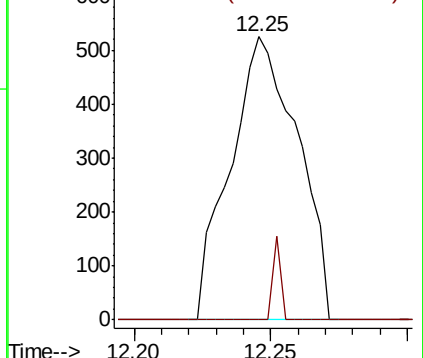
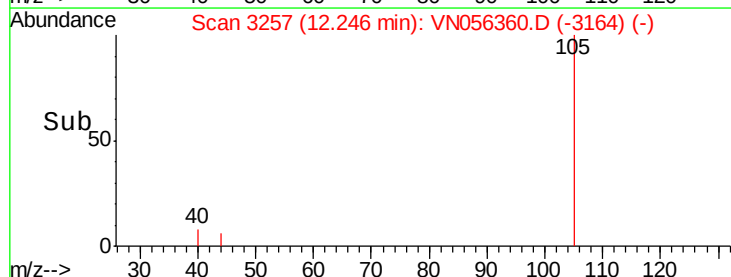


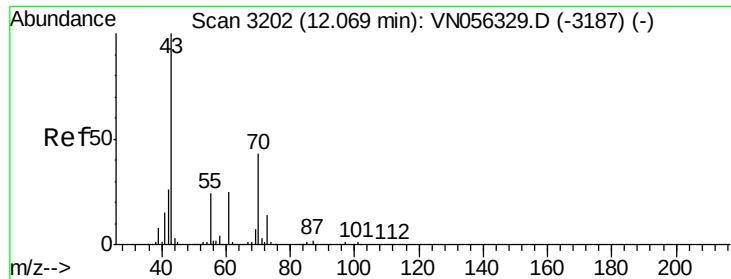
#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Tgt Ion:105 Resp: 903
 Ion Ratio Lower Upper
 105 100
 120 3.3 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.222 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.01 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1281

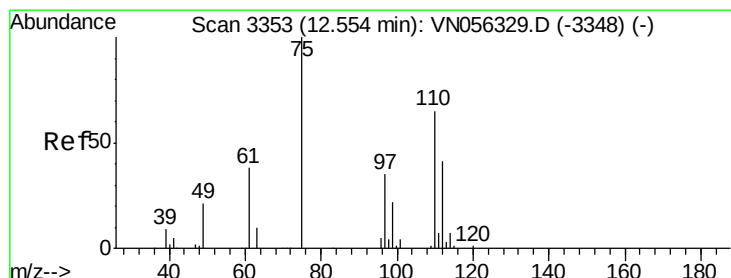
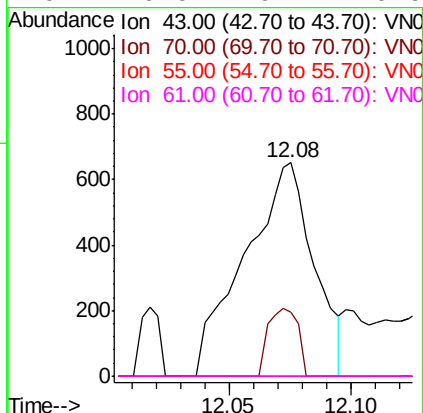
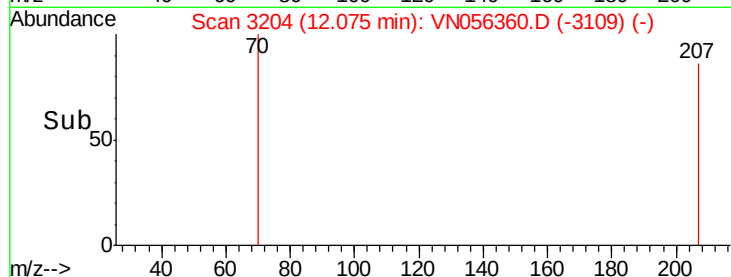
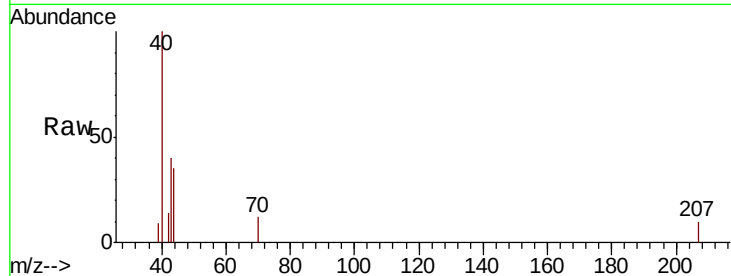
Ion Ratio Lower Upper

43 100

70 13.7 34.2 51.2#

55 0.0 19.9 29.9#

61 0.0 19.7 29.5#



#76

1,2,3-Trichloropropane

Concen: 28.904 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056360.D

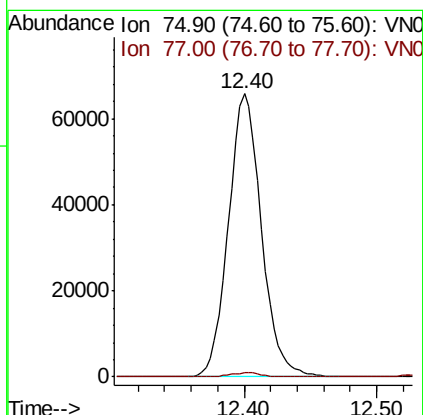
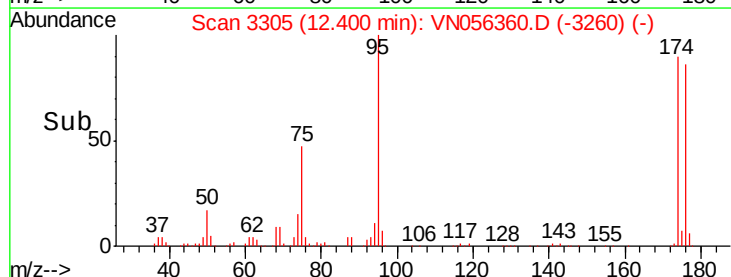
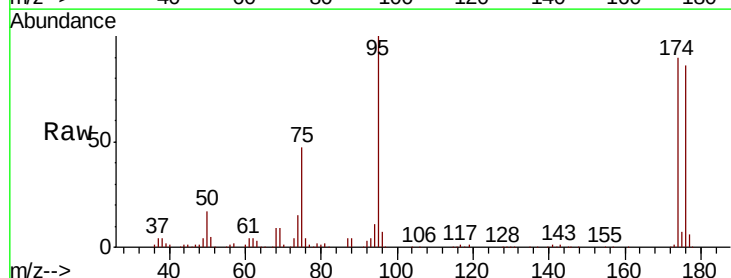
Acq: 18 Jun 2019 12:56

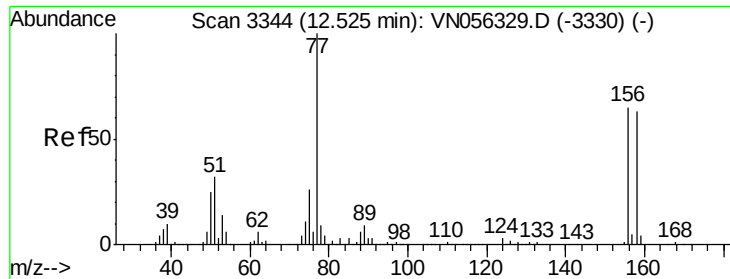
Tgt Ion: 75 Resp: 113502

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

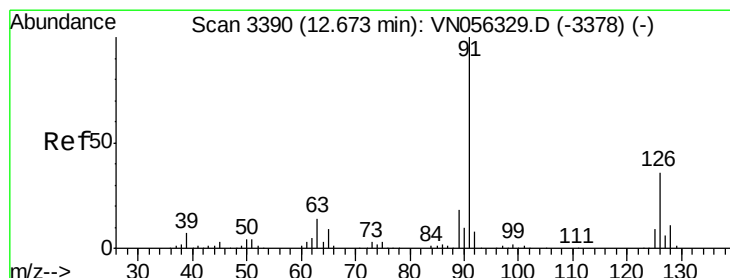
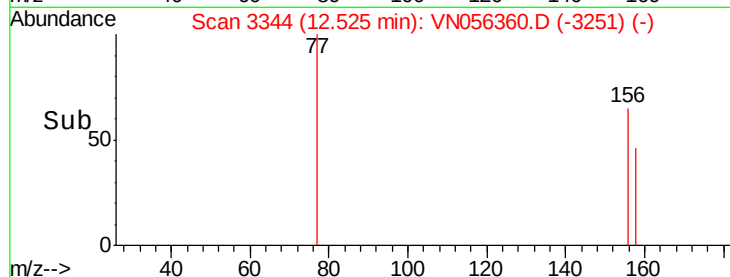
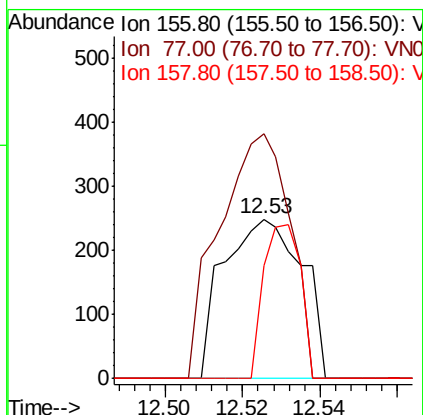
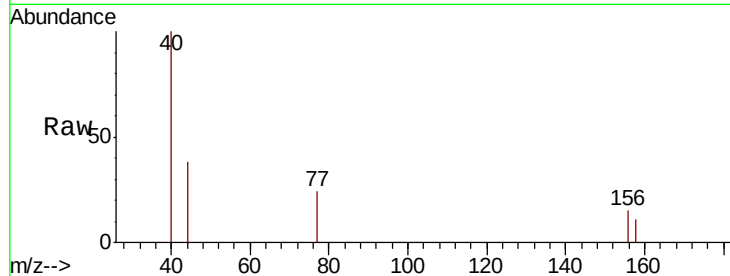
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:156 Resp: 351

Ion	Ratio	Lower	Upper
156	100		
77	137.3	92.9	278.7
158	45.3	49.0	147.2#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

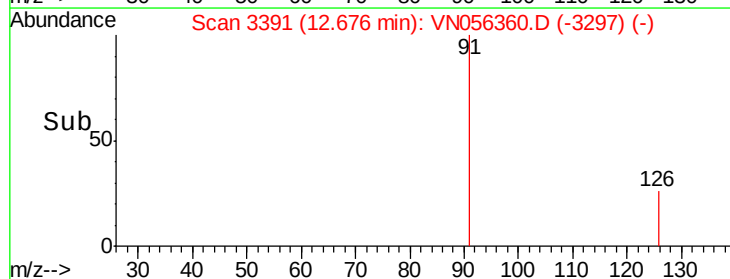
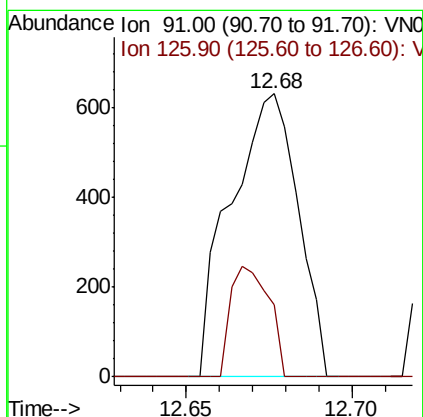
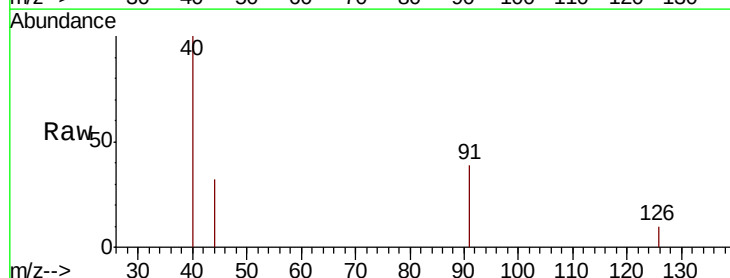
Delta R.T. 0.00 min

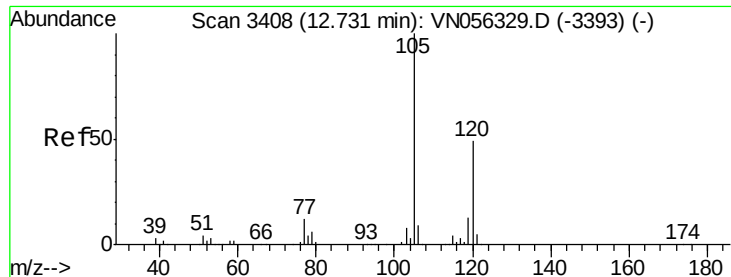
Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Tgt Ion: 91 Resp: 892

Ion	Ratio	Lower	Upper
91	100		
126	22.3	18.0	54.0





#80

1,3,5-Trimethylbenzene

Concen: 0.258 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

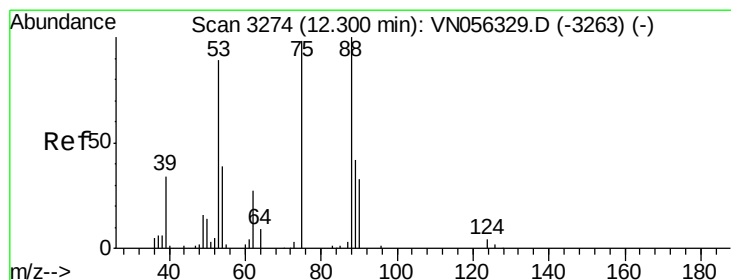
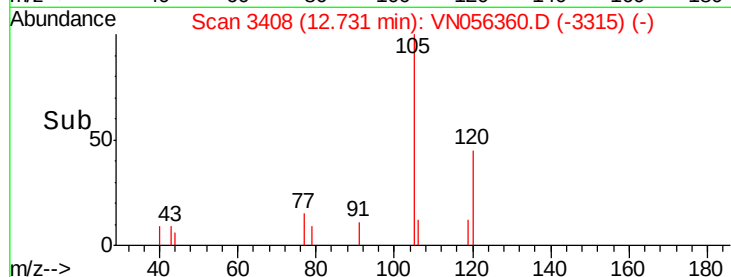
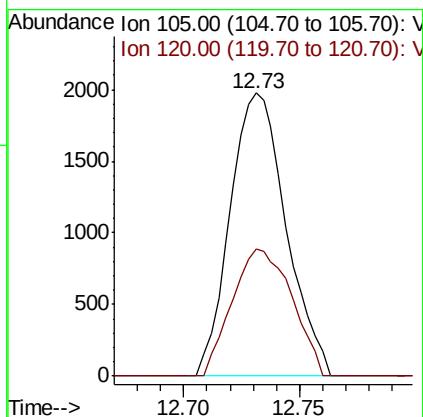
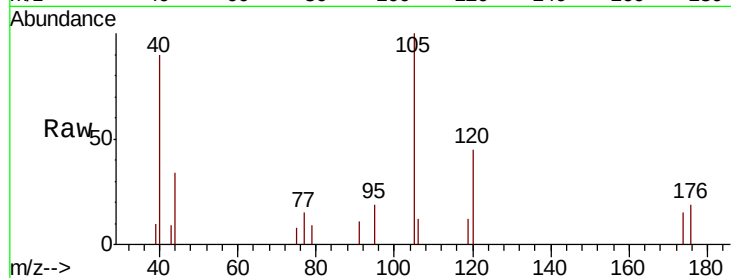
ClientSampled :

Tot Ion:105 Resp: 3314

Ion Ratio Lower Upper

105 100

120 47.9 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 89.801 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

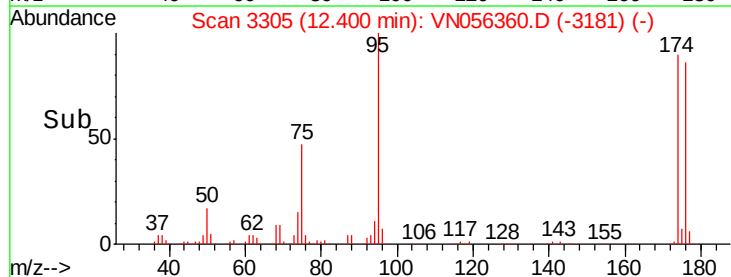
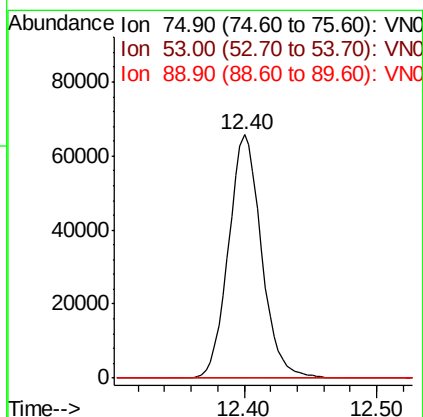
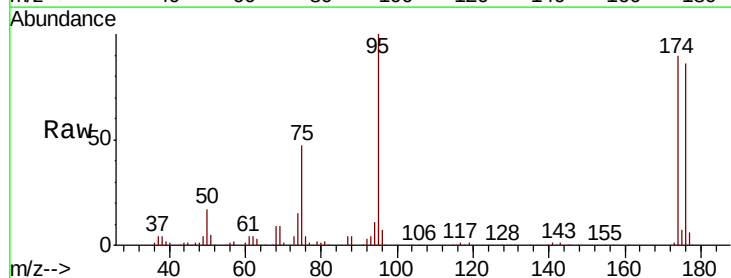
Tgt Ion: 75 Resp: 113502

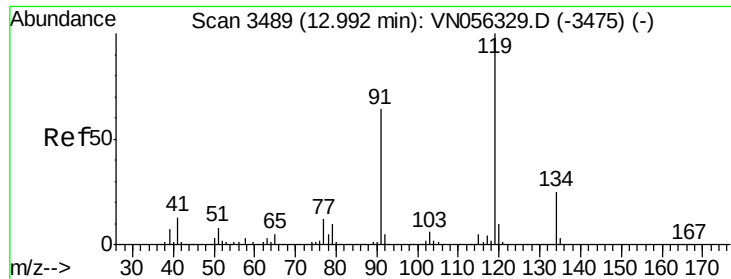
Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

89 0.0 35.4 53.2#

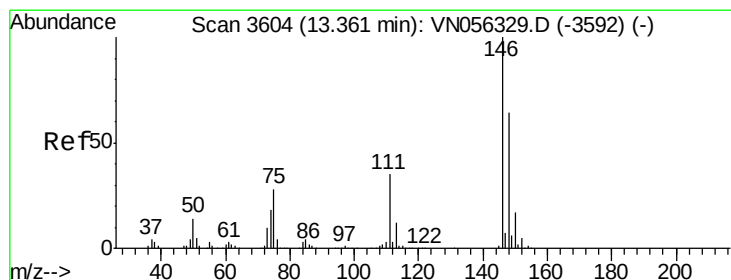
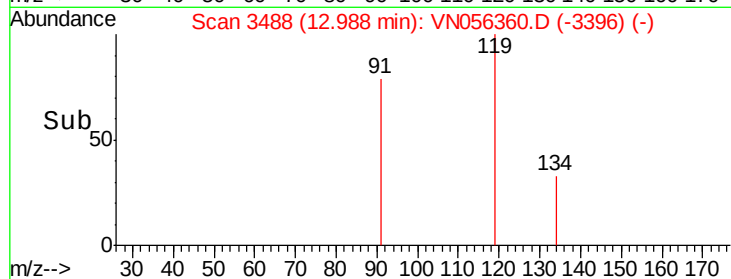
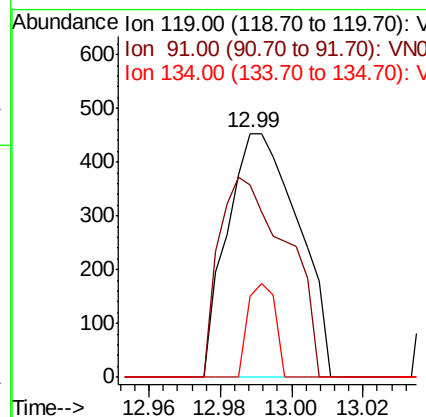
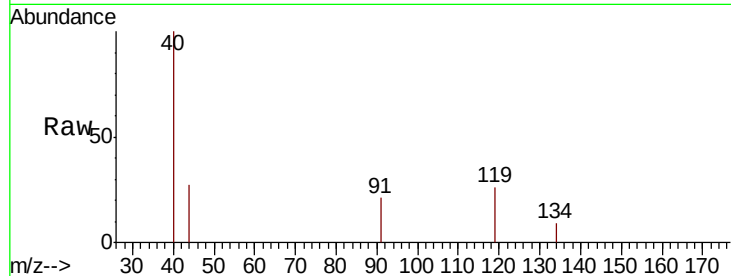




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

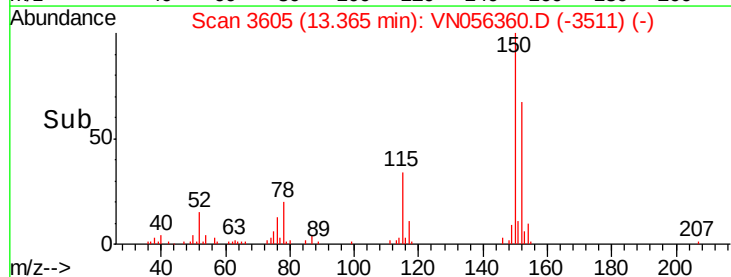
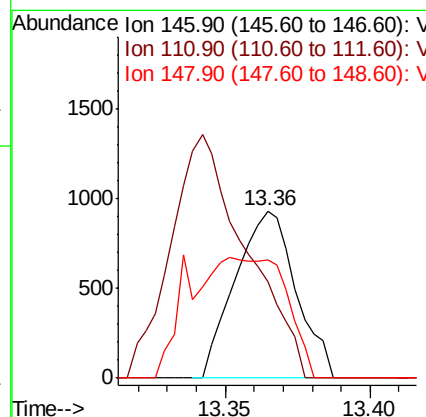
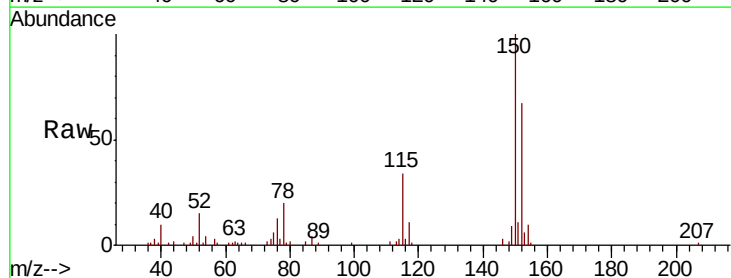
Instrument :
 MSVOA_N
 ClientSampleId :

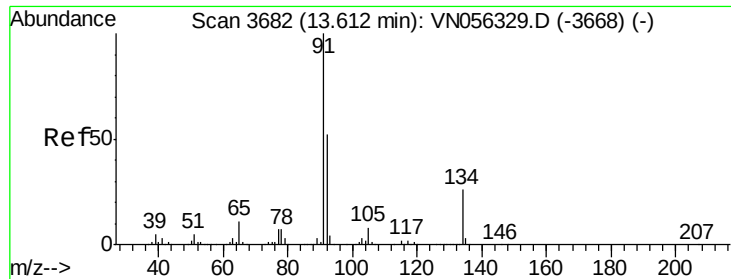
Tot Ion:119 Resp: 623
 Ion Ratio Lower Upper
 119 100
 91 78.7 31.5 94.5
 134 14.8 13.6 40.7



#88
 1,4-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Tgt Ion:146 Resp: 1358
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.1 54.1#
 148 0.0 32.1 96.5#

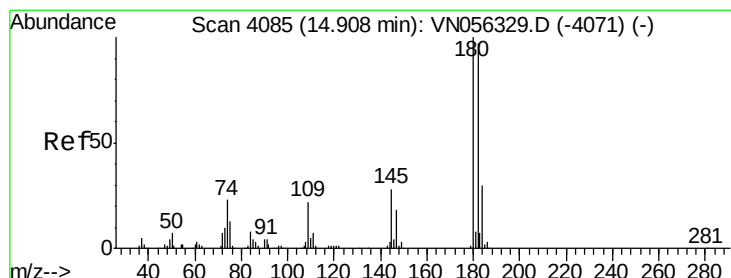
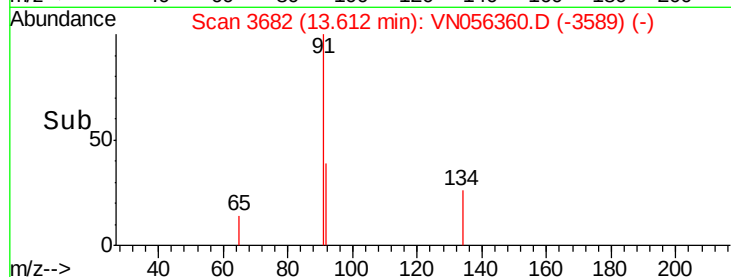
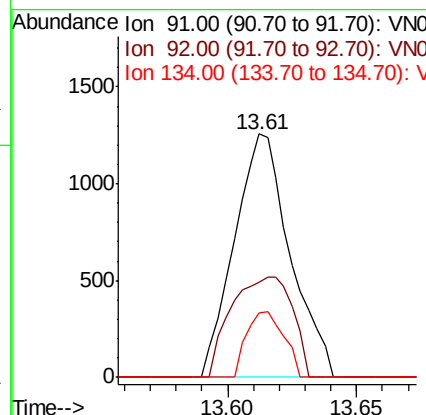
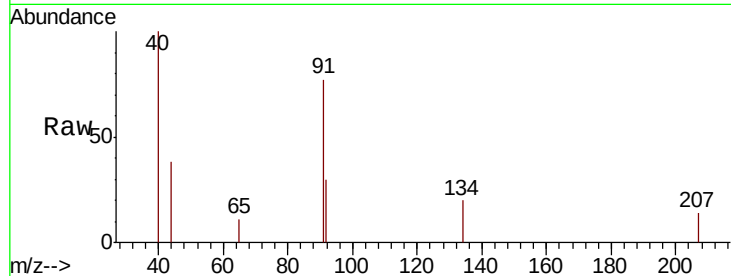




#89
n-Butylbenzene
Concen: 0.204 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

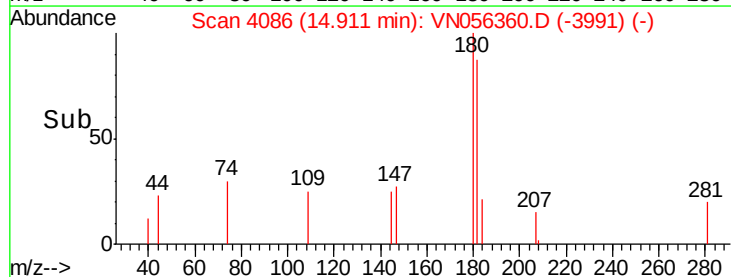
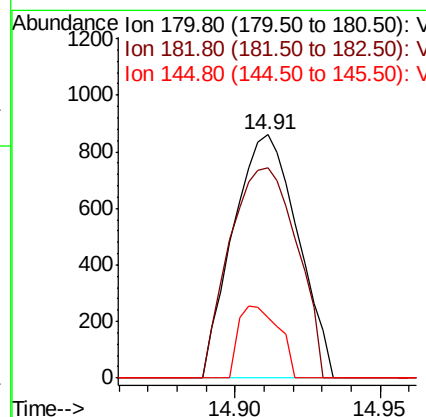
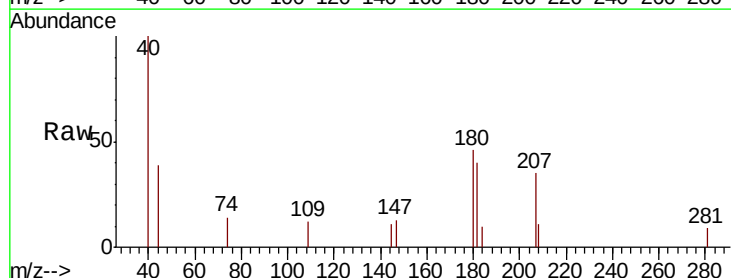
Instrument :
MSVOA_N
ClientSampled :

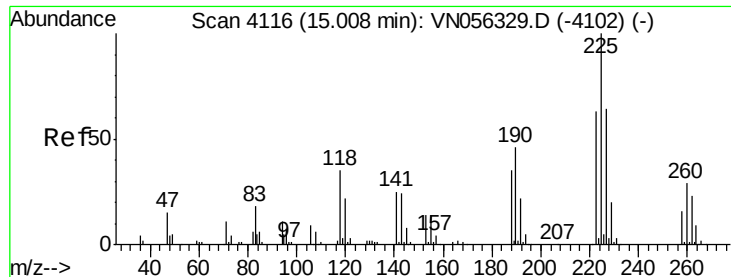
Tot Ion: 91 Resp: 1889
Ion Ratio Lower Upper
91 100
92 45.4 26.0 78.0
134 18.0 13.2 39.5



#93
1,2,4-Trichlorobenzene
Concen: 5.680 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN056360.D
Acq: 18 Jun 2019 12:56

Tgt Ion: 180 Resp: 1331
Ion Ratio Lower Upper
180 100
182 90.0 47.4 142.3
145 18.3 14.0 41.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

Instrument :

MSVOA_N

ClientSampled :

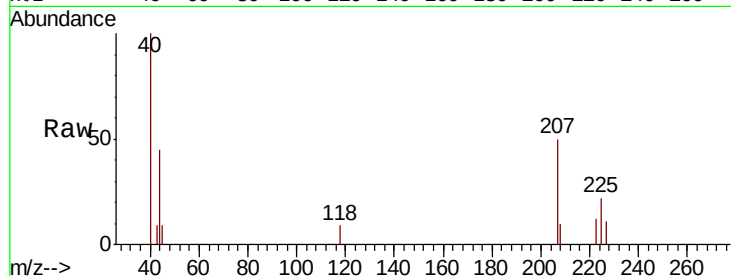
Tot Ion:225 Resp: 434

Ion Ratio Lower Upper

225 100

223 63.8 31.2 93.6

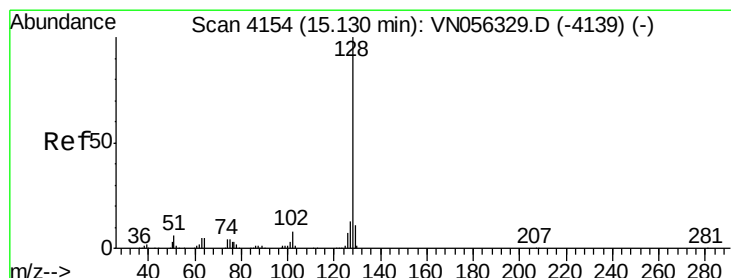
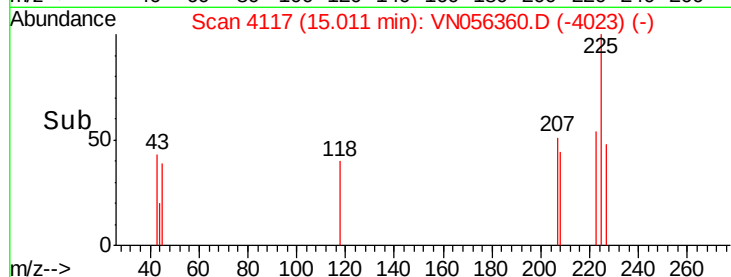
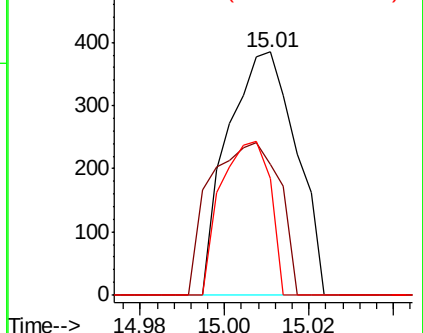
227 45.9 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.215 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056360.D

Acq: 18 Jun 2019 12:56

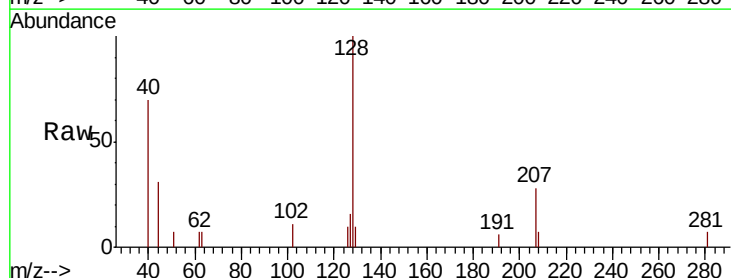
Tgt Ion:128 Resp: 5139

Ion Ratio Lower Upper

128 100

127 9.4 10.6 15.8#

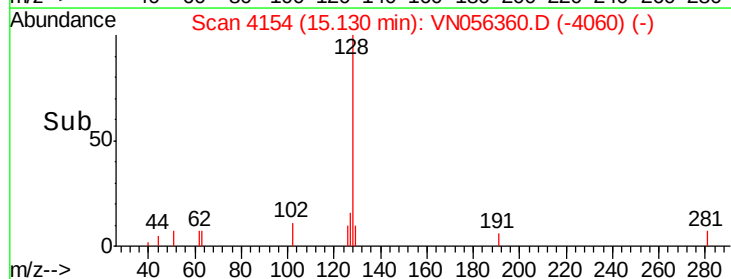
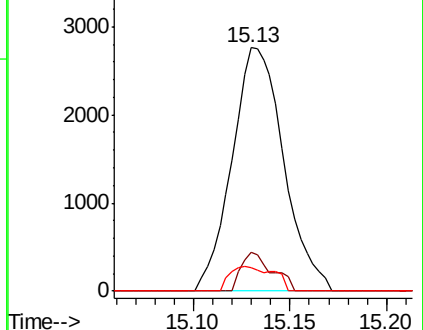
129 8.5 8.6 12.8#

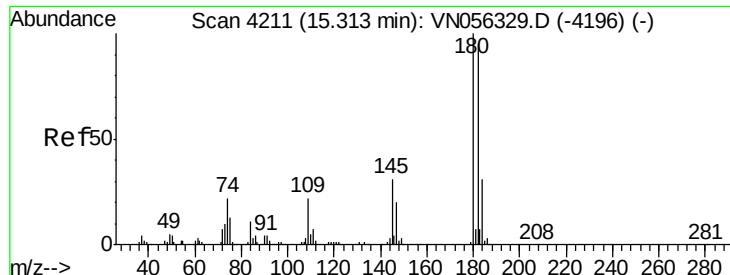


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.272 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056360.D
 Acq: 18 Jun 2019 12:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.0	47.1	141.4
145	16.0	14.9	44.9

