

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056355.D
 Acq On : 18 Jun 2019 10:58
 Operator : JC/SP
 Sample : K3421-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:58:05 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	333833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	569591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	577929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	198577	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	7.59	113	170595	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	10.09	98	716140	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	236852	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

					Qvalue	
14) Allyl chloride	4.54	41	4545	0.875	ug/l #	27
16) Acetone	3.82	43	7227	3.484	ug/l	97
17) Carbon Disulfide	4.03	76	1795	0.217	ug/l #	75
18) Methyl Acetate	4.34	43	4794	Below Cal	#	84
20) Methylene Chloride	4.55	84	121312	33.123	ug/l	99
25) 2-Butanone	6.85	43	915	0.364	ug/l #	48
29) Tetrahydrofuran	7.23	42	1110	0.743	ug/l #	52
30) Chloroform	7.37	83	1581	0.265	ug/l	97
31) Cyclohexane	7.66	56	5738	0.992	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22246	4.340	ug/l #	48
38) Carbon Tetrachloride	7.66	117	29005	5.896	ug/l #	15
41) Methacrylonitrile	7.22	41	555	0.249	ug/l #	28
43) Isopropyl Acetate	8.17	43	13739	1.768	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1920	0.467	ug/l #	44
48) Methyl methacrylate	9.18	41	8520	2.173	ug/l #	13
49) 1,4-Dioxane	9.27	88	162	2.048	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4930	0.996	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	54047	9.046	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	12460	1.897	ug/l #	42
59) 2-Hexanone	10.76	43	171422	46.673	ug/l #	52
71) Bromoform	12.40	173	1615	0.474	ug/l #	1
73) Isopropylbenzene	12.25	105	1033	Below Cal	#	60
75) 1,1,2,2-Tetrachloroethane	12.50	83	31	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	111437	29.107	ug/l #	100
77) Bromobenzene	12.53	156	300	Below Cal		83
79) 2-Chlorotoluene	12.67	91	1532	Below Cal		81
80) 1,3,5-Trimethylbenzene	12.73	105	5982	0.479	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	111437	90.434	ug/l #	13
83) tert-Butylbenzene	12.99	119	711	Below Cal	#	71
84) 1,2,4-Trimethylbenzene	13.04	105	3191	0.274	ug/l	95
89) n-Butylbenzene	13.62	91	2167	0.240	ug/l	90
90) Hexachloroethane	13.88	117	58	Below Cal	#	4
91) 1,2-Dichlorobenzene	13.65	146	1308	0.219	ug/l	76
93) 1,2,4-Trichlorobenzene	14.91	180	1360	5.698	ug/l	91

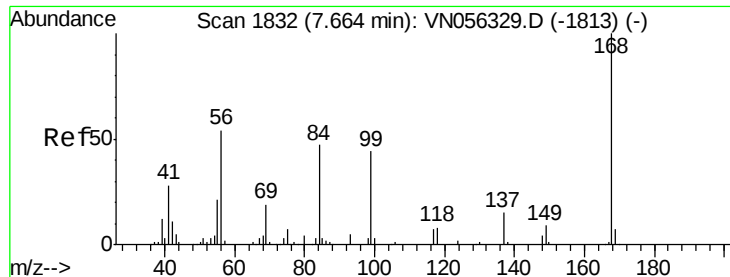
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
Data File : VN056355.D
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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	413	Below Cal	69
95) Naphthalene	15.13	128	9746	5.739 ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	1644	4.270 ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

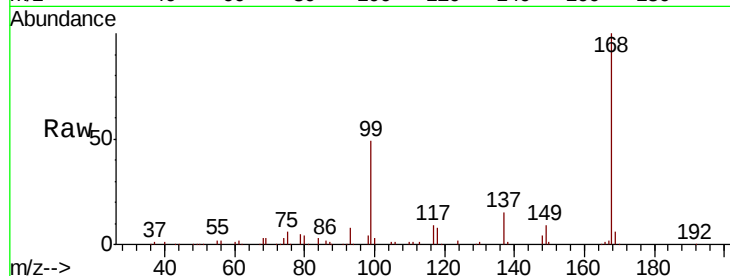
ClientSampled :

Tot Ion:168 Resp: 333833

Ion Ratio Lower Upper

168 100

99 48.5 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

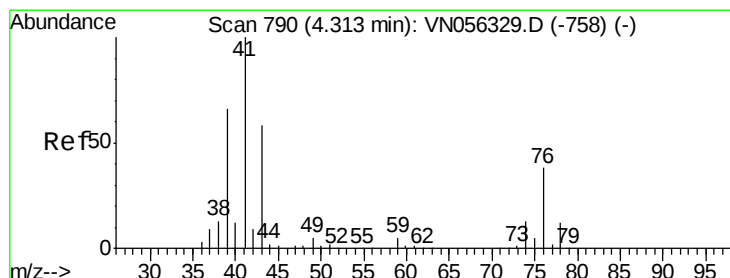
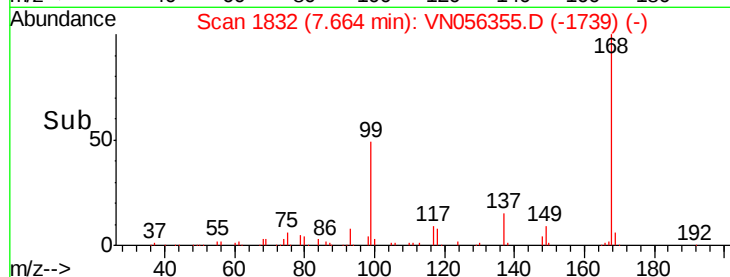
100000

50000

0

7.60 7.70

Time-->



#14

Allyl chloride

Concen: 0.875 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.22 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

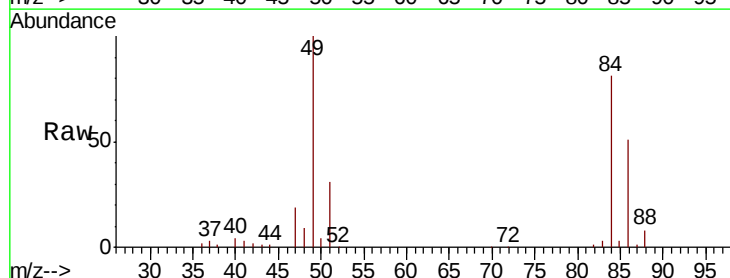
Tgt Ion: 41 Resp: 4545

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 27.2 40.8#



Abundance Ion 41.00 (40.70 to 41.70): VN056329.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN056329.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN056329.D (-758) (-)

4.54

1500

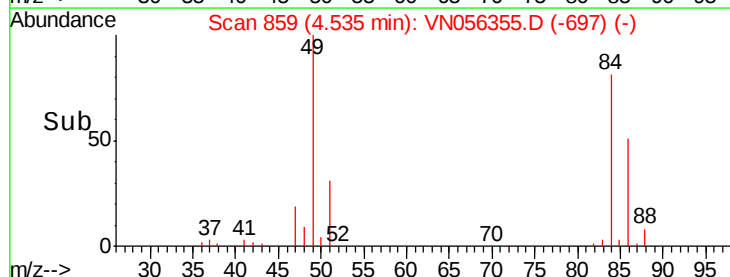
1000

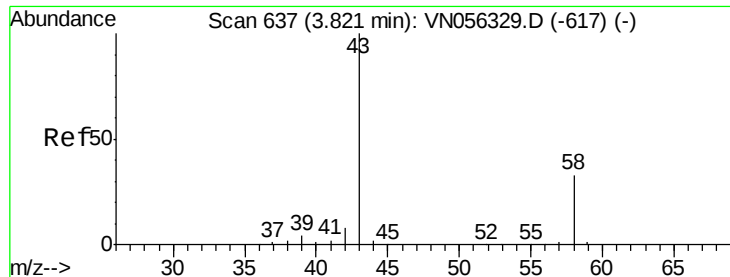
500

0

4.45 4.50 4.55 4.60

Time-->





#16

Acetone

Concen: 3.484 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

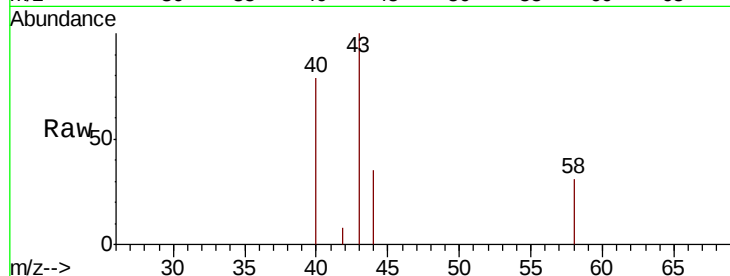
ClientSampled :

Tot Ion: 43 Resp: 7227

Ion Ratio Lower Upper

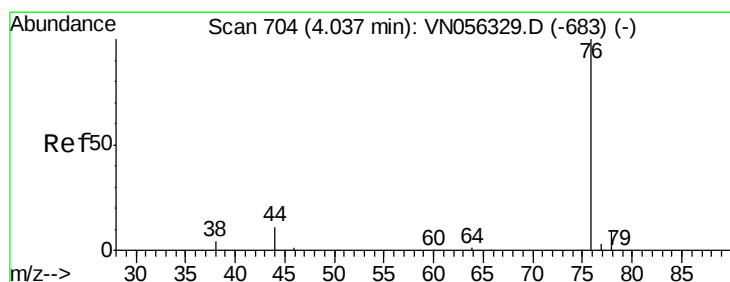
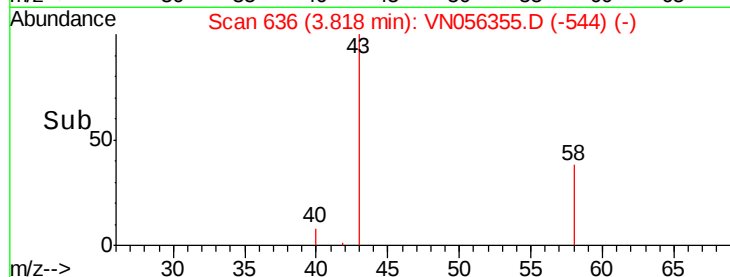
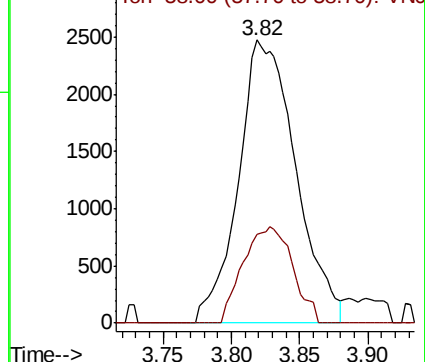
43 100

58 31.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.01 min

Lab File: VN056355.D

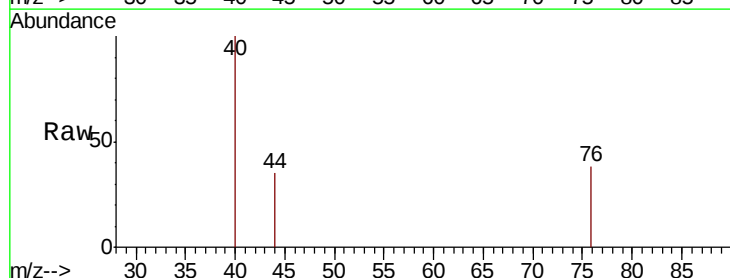
Acq: 18 Jun 2019 10:58

Tgt Ion: 76 Resp: 1795

Ion Ratio Lower Upper

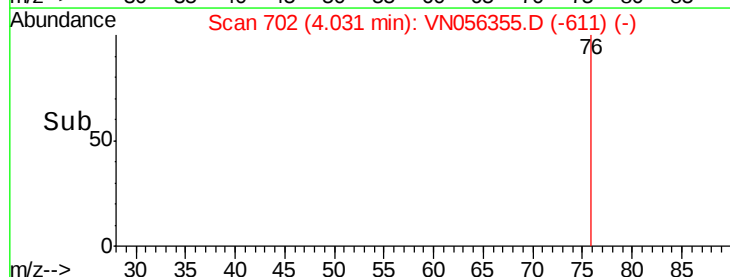
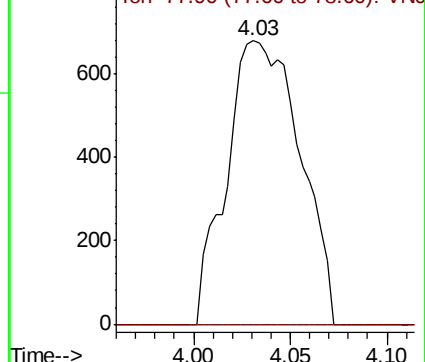
76 100

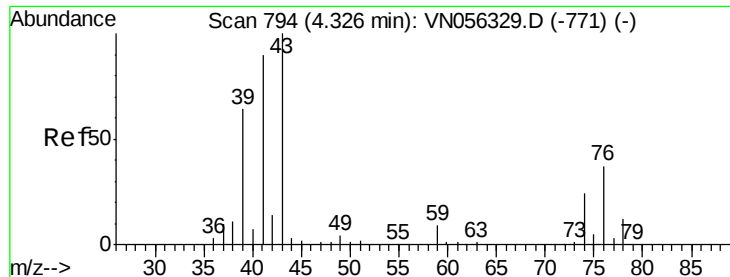
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

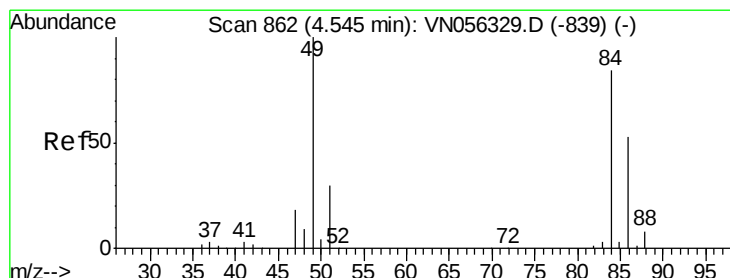
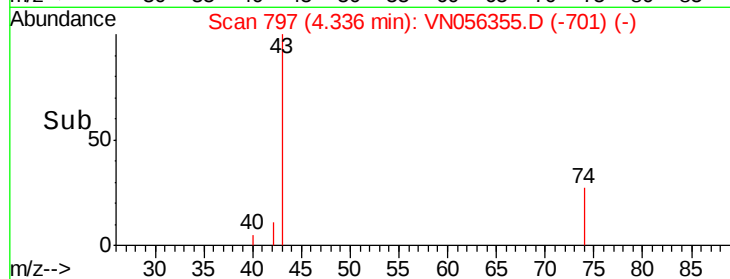
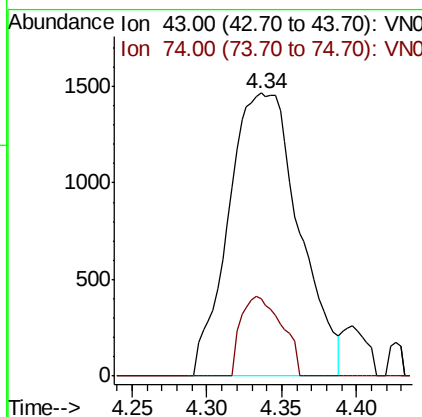
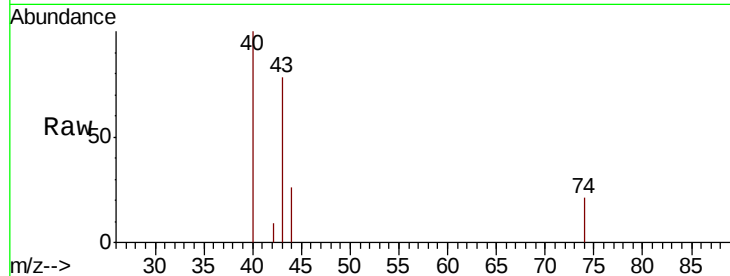




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

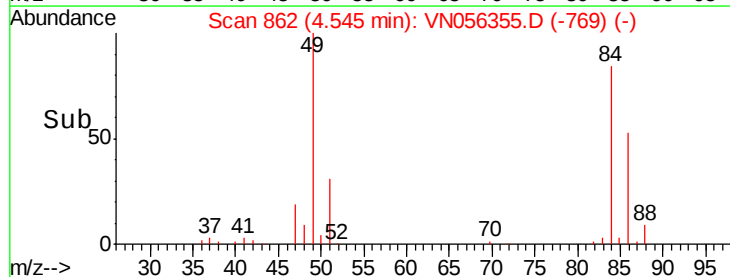
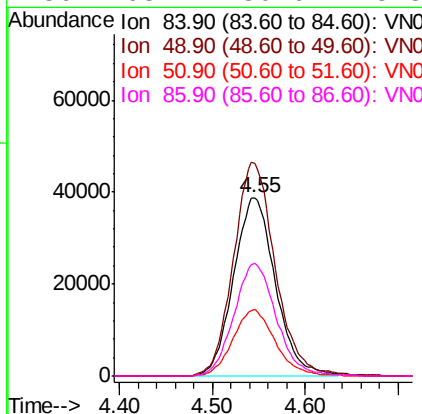
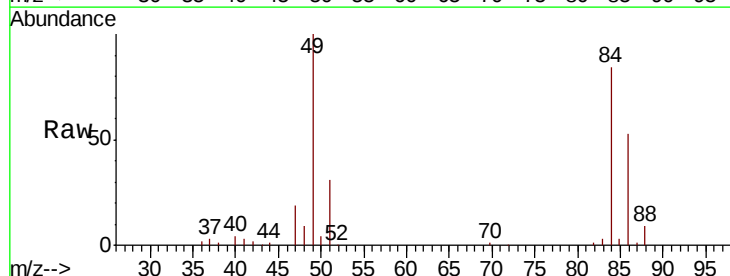
Instrument :
MSVOA_N
ClientSampleId :

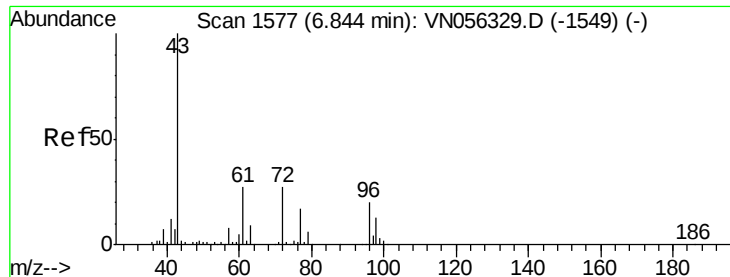
Tot Ion: 43 Resp: 4794
Ion Ratio Lower Upper
43 100
74 16.3 19.4 29.2#



#20
Methylene Chloride
Concen: 33.123 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion: 84 Resp: 121312
Ion Ratio Lower Upper
84 100
49 119.1 95.0 142.6
51 37.0 28.2 42.4
86 63.1 50.6 75.8





#25

2-Butanone

Concen: 0.364 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

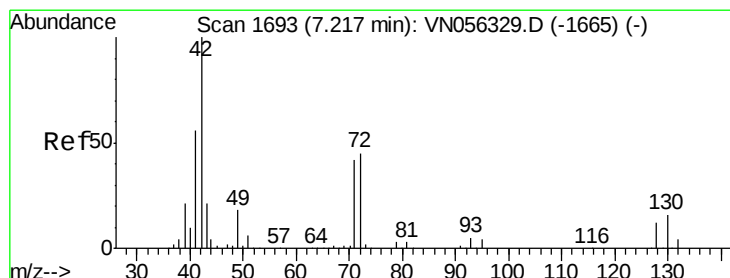
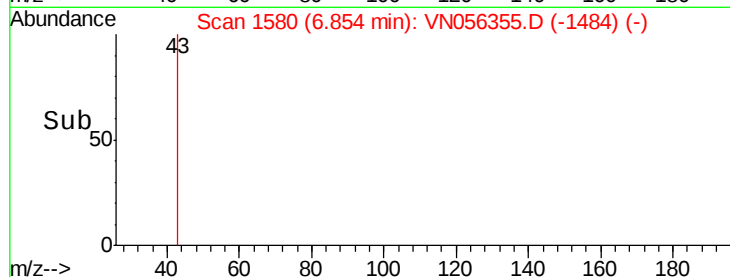
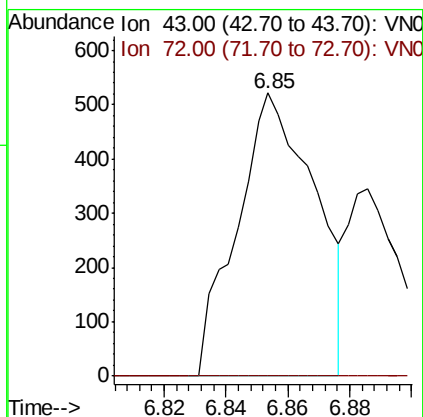
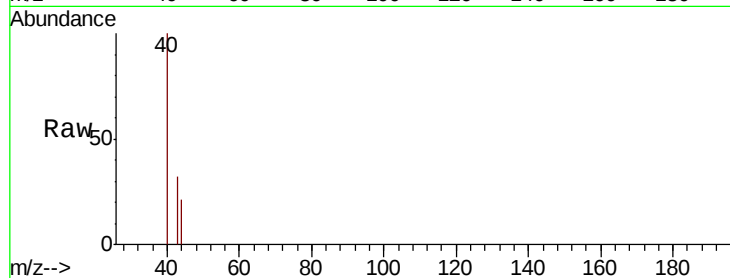
ClientSampleId :

Tot Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#29

Tetrahydrofuran

Concen: 0.743 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

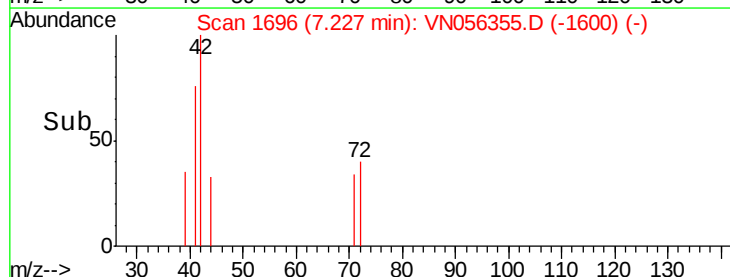
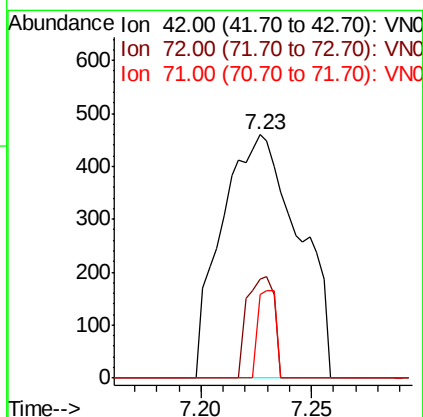
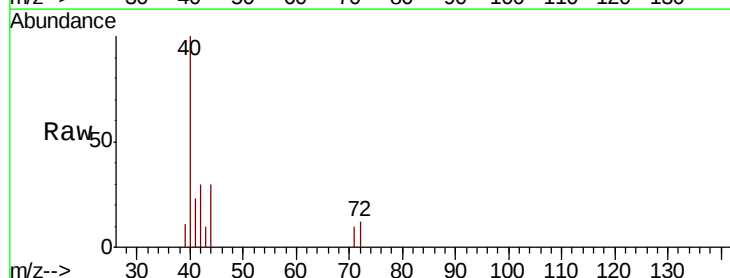
Tgt Ion: 42 Resp: 1110

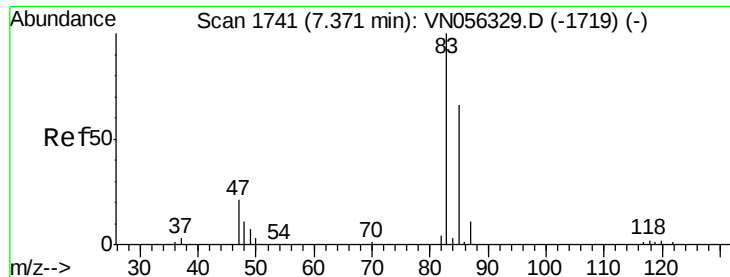
Ion Ratio Lower Upper

42 100

72 14.9 35.3 52.9#

71 8.5 32.7 49.1#

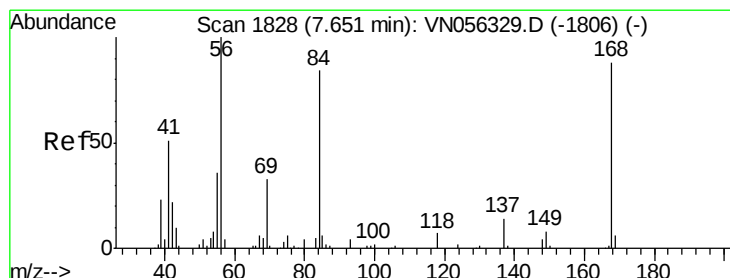
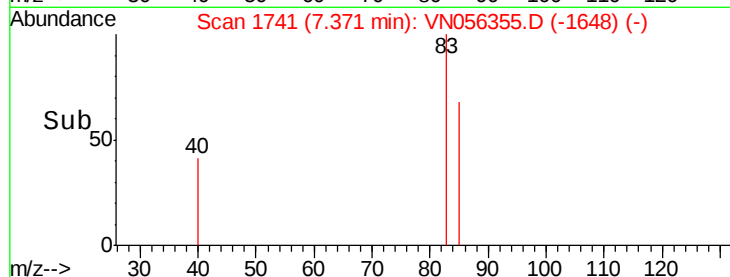
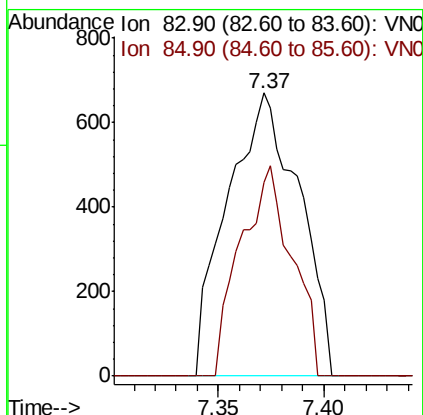
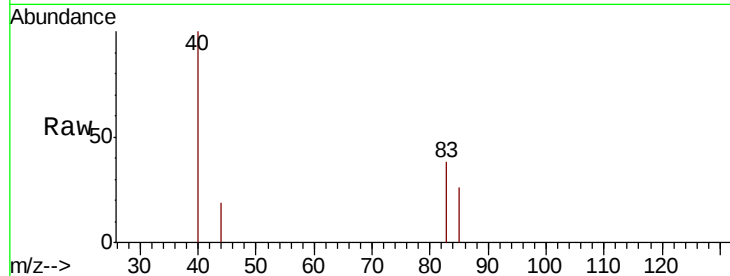




#30
Chloroform
Concen: 0.265 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

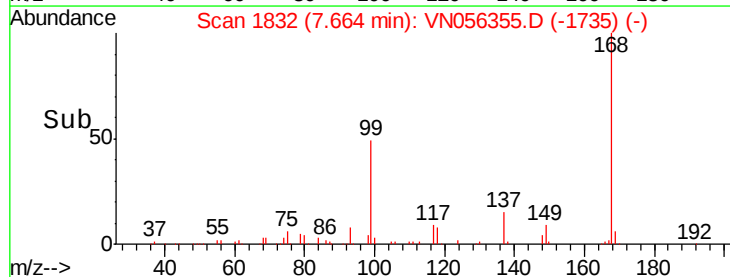
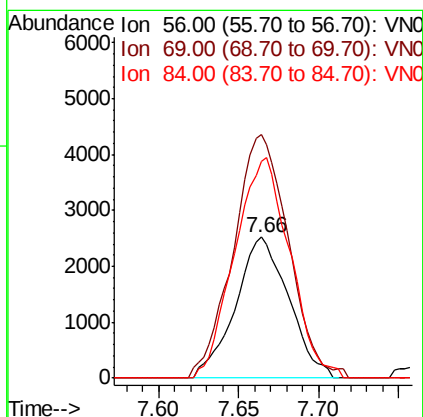
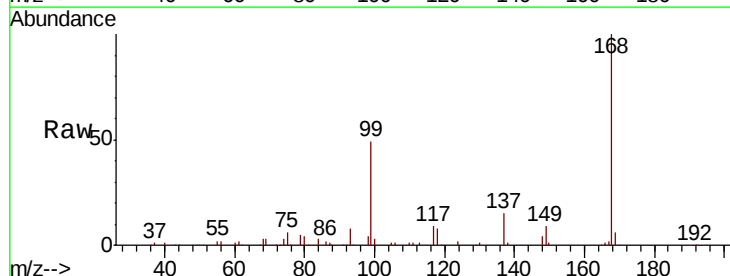
Instrument :
MSVOA_N
ClientSampleId :

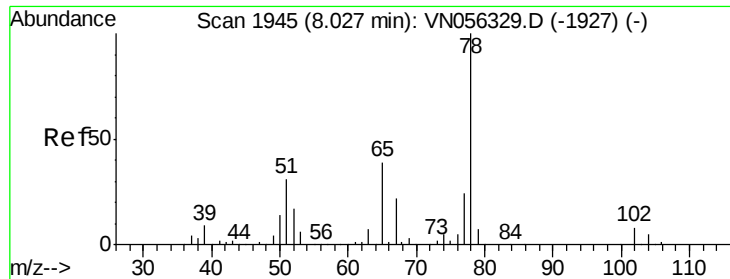
Tot Ion: 83 Resp: 1581
Ion Ratio Lower Upper
83 100
85 68.4 52.6 78.8



#31
Cyclohexane
Concen: 0.992 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion: 56 Resp: 5738
Ion Ratio Lower Upper
56 100
69 173.2 26.0 39.0#
84 154.2 67.4 101.0#

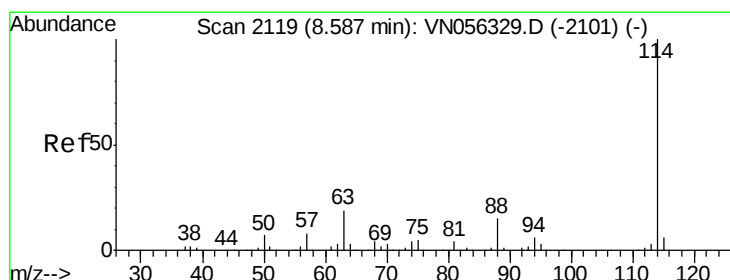
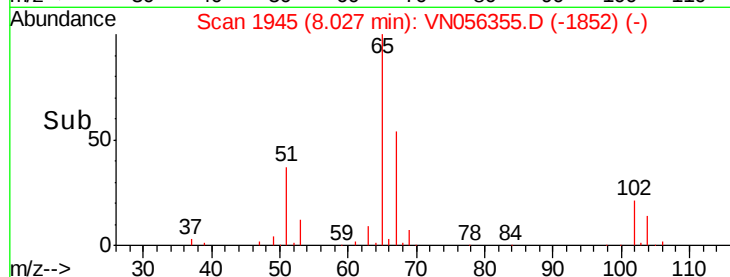
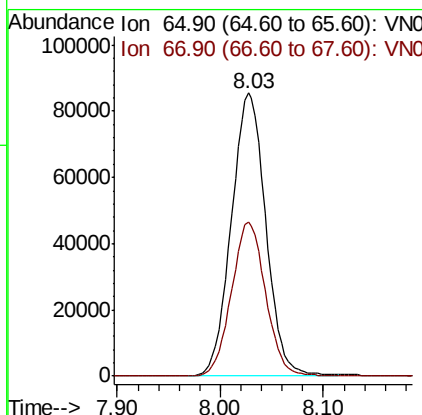
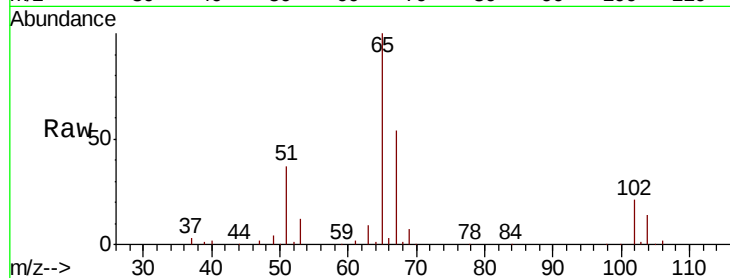




#33
 1,2-Dichloroethane-d4
 Concen: 52.902 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

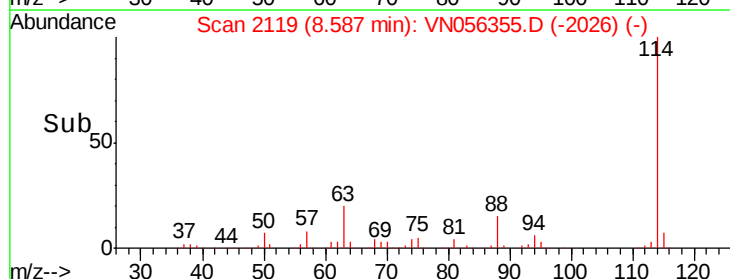
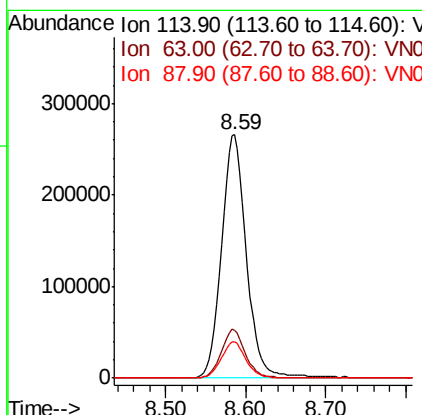
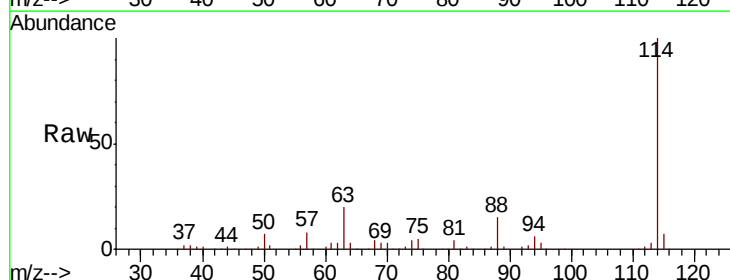
Instrument :
 MSVOA_N
 ClientSampleId :

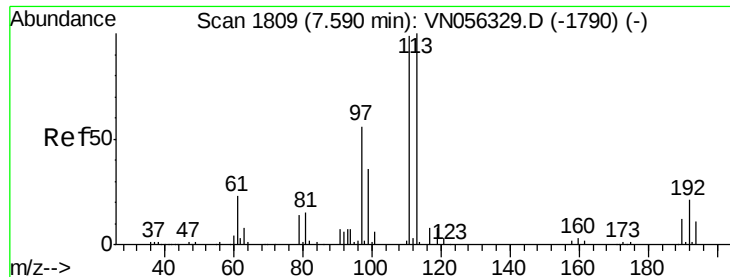
Tot Ion: 65 Resp: 198577
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion: 114 Resp: 569591
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.1 0.0 30.6

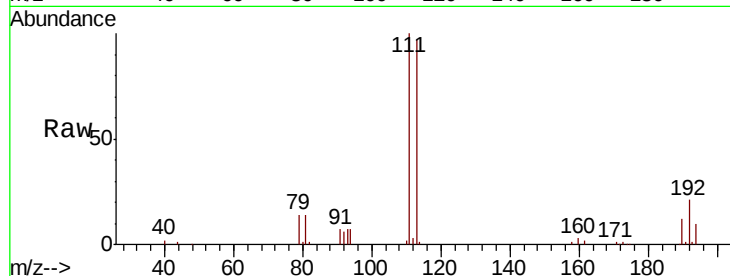




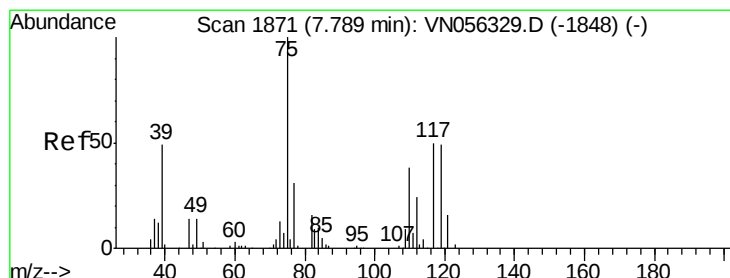
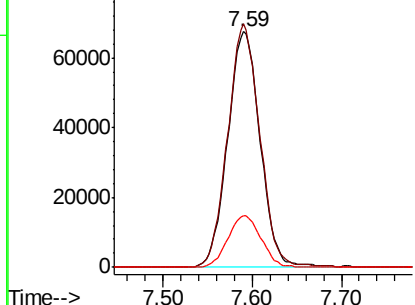
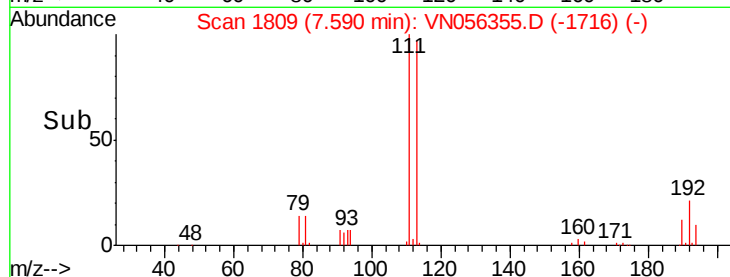
#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 170595
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.5 17.6 26.4

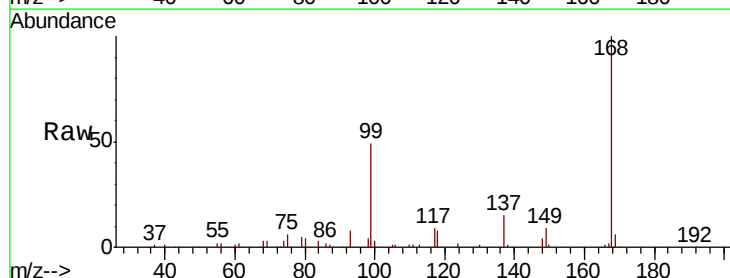


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

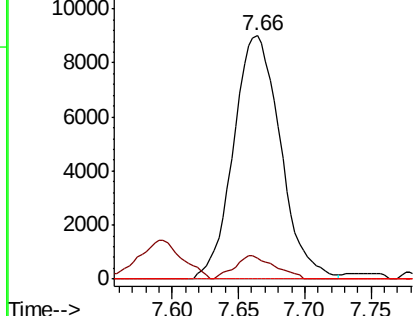
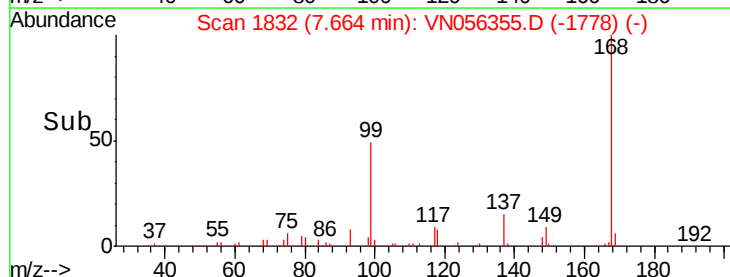


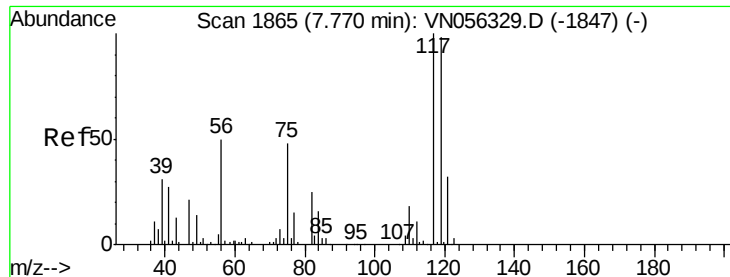
#36
 1,1-Dichloropropene
 Concen: 4.340 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion: 75 Resp: 22246
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.6 56.0#
 77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.896 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

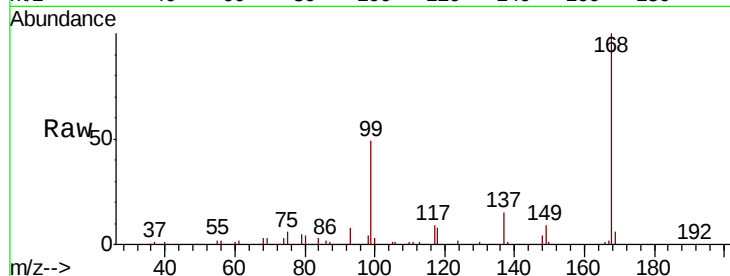
Tot Ion:117 Resp: 29005

Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.8#

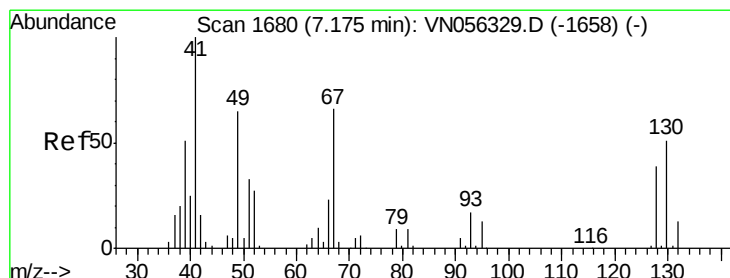
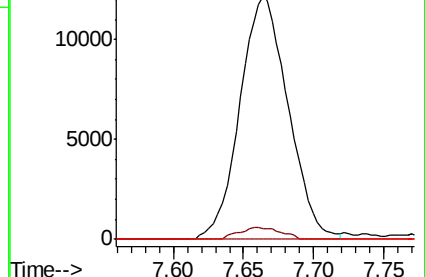
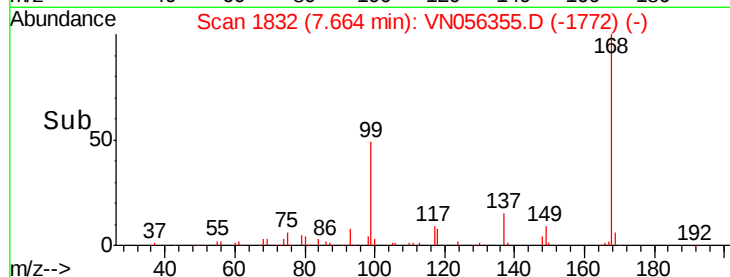
121 0.0 25.3 37.9#



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



#41

Methacrylonitrile

Concen: 0.249 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Tgt Ion: 41 Resp: 555

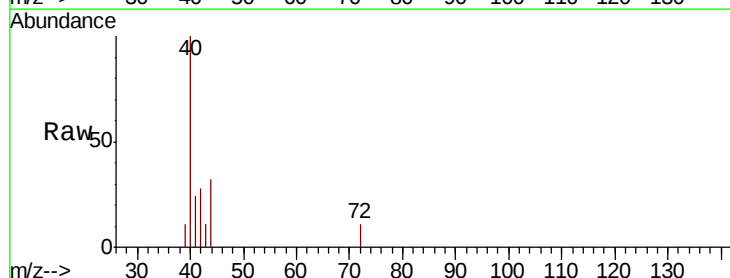
Ion Ratio Lower Upper

41 100

39 22.9 44.5 66.7#

67 0.0 69.0 103.4#

52 0.0 28.1 42.1#

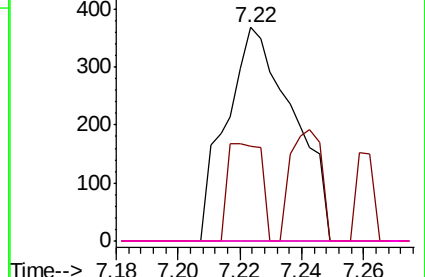
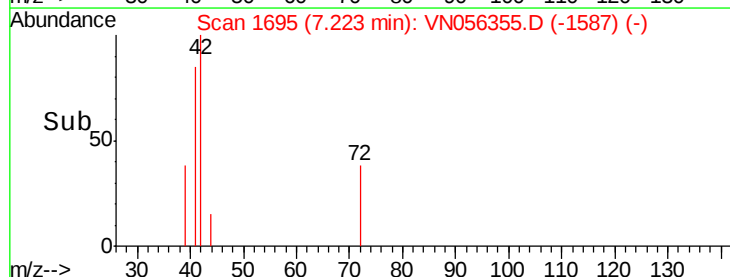


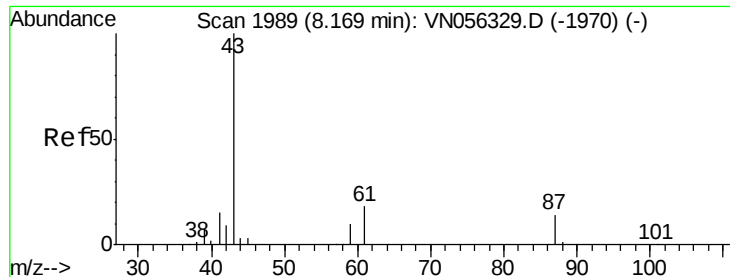
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.768 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

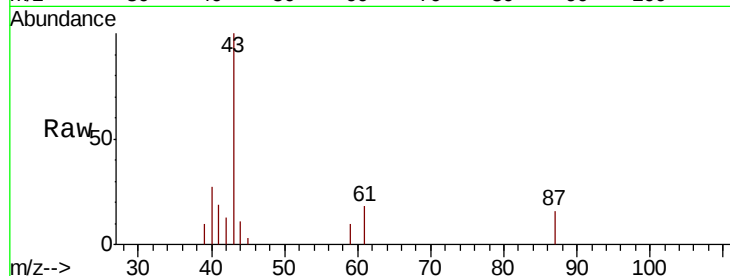
Tot Ion: 43 Resp: 13739

Ion Ratio Lower Upper

43 100

61 18.1 16.6 25.0

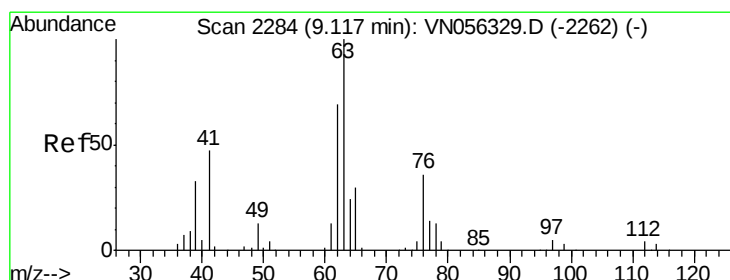
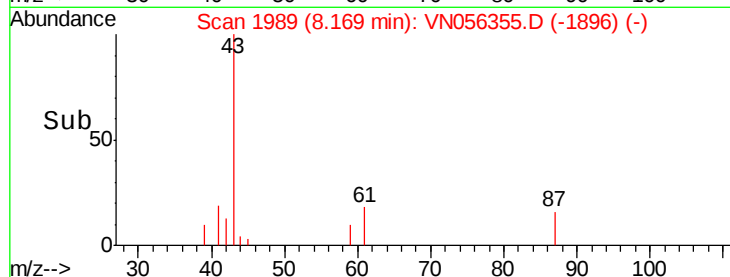
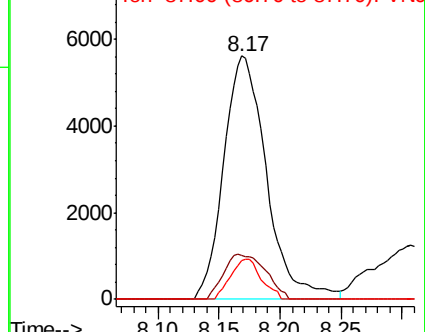
87 11.9 11.0 16.4



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: 0.467 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056355.D

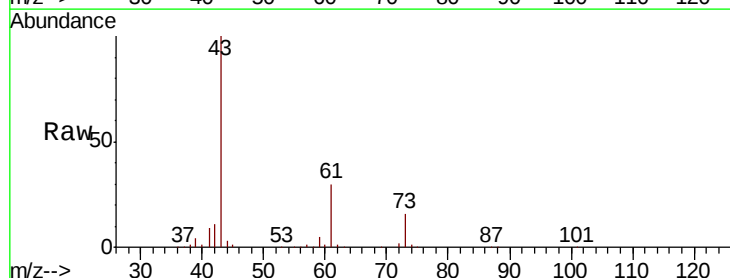
Acq: 18 Jun 2019 10:58

Tgt Ion: 63 Resp: 1920

Ion Ratio Lower Upper

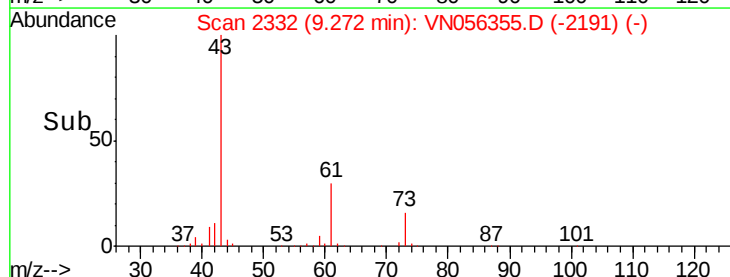
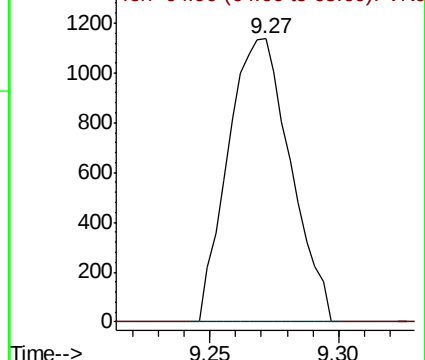
63 100

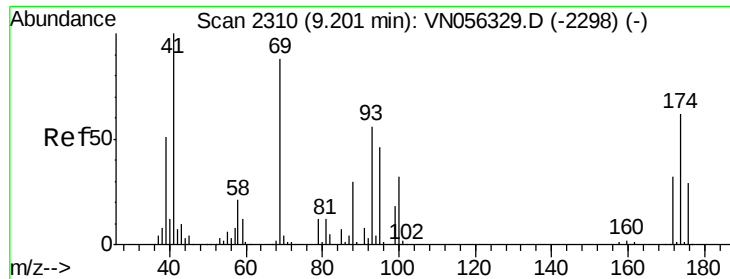
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

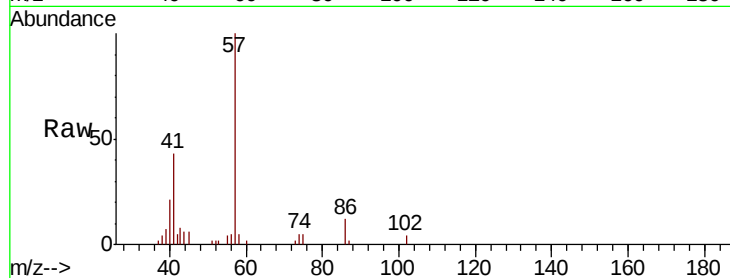




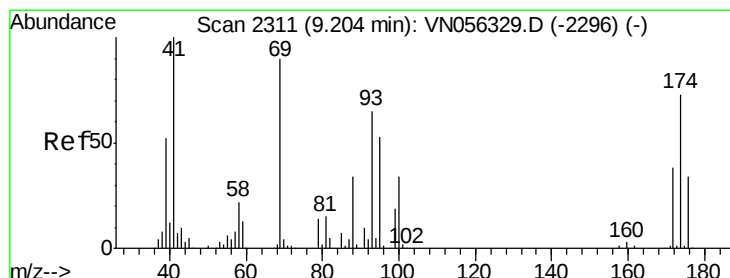
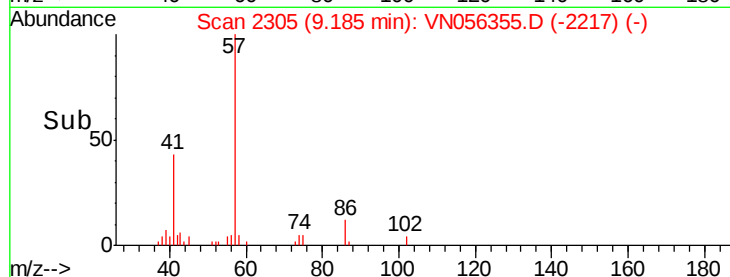
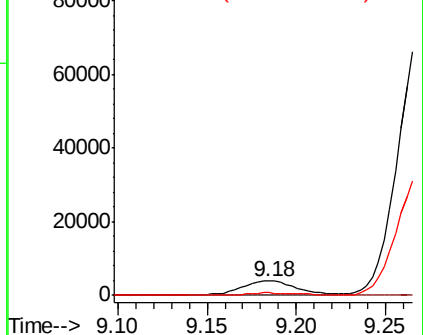
#48
Methyl methacrylate
Concen: 2.173 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 8520
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 41.7 62.5#

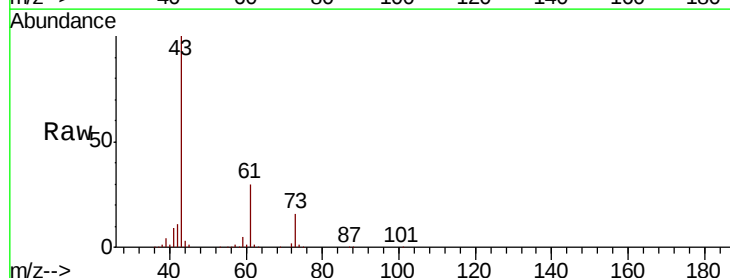


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

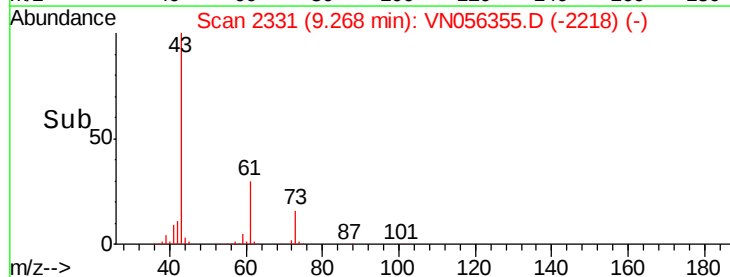
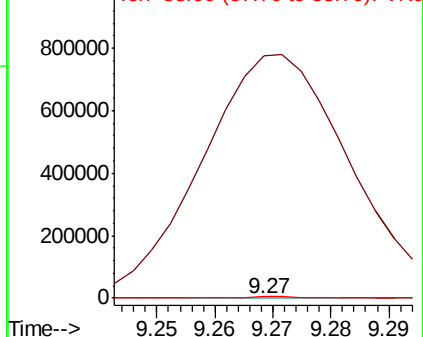


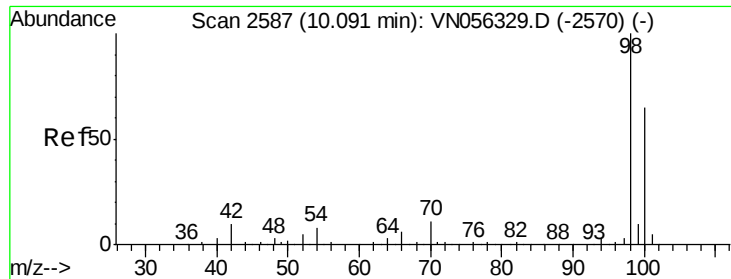
#49
1,4-Dioxane
Concen: 2.048 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion: 88 Resp: 162
Ion Ratio Lower Upper
88 100
43 891909.9 21.9 32.9#
58 4234.6 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 51.321 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

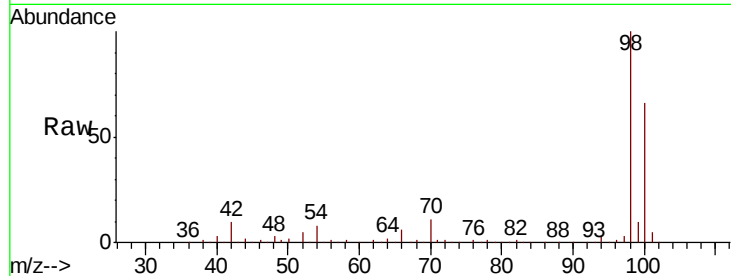
ClientSampleId :

Tot Ion: 98 Resp: 716140

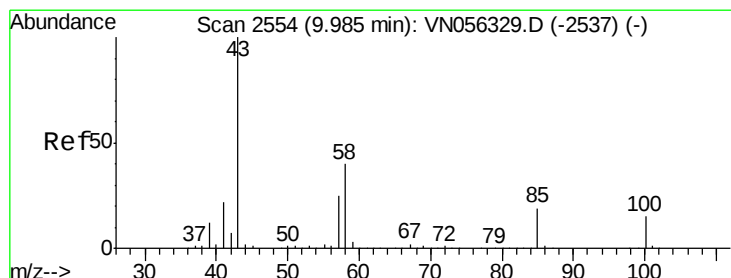
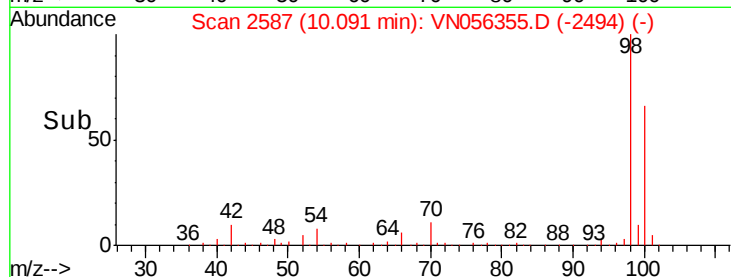
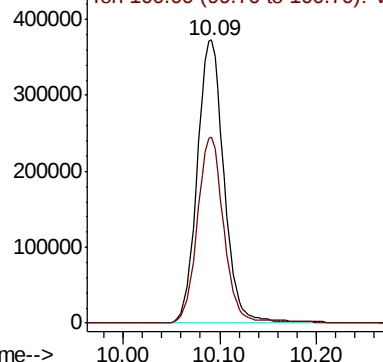
Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



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



#51

4-Methyl-2-Pentanone

Concen: 0.996 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056355.D

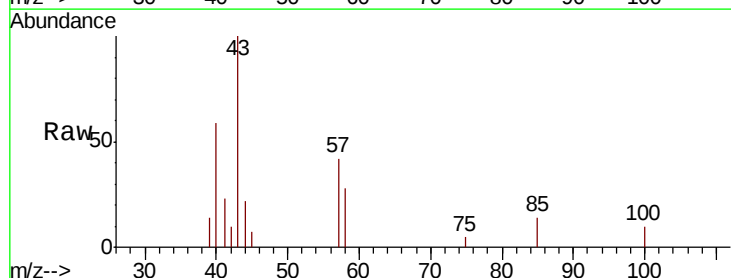
Acq: 18 Jun 2019 10:58

Tgt Ion: 43 Resp: 4930

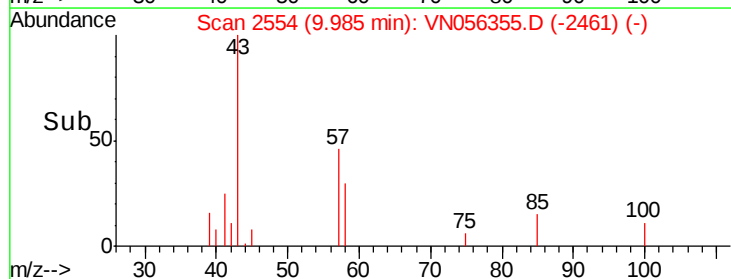
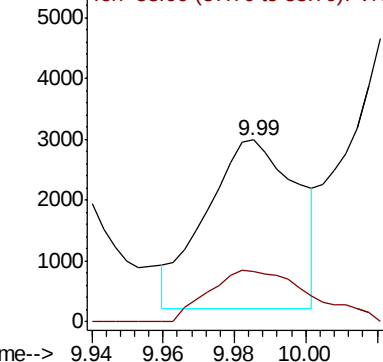
Ion Ratio Lower Upper

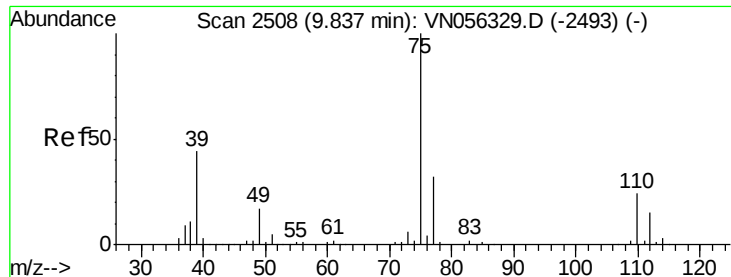
43 100

58 33.6 31.8 47.6



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





#54

cis-1,3-Dichloropropene

Concen: 9.046 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :
MSVOA_N
ClientSampleId :

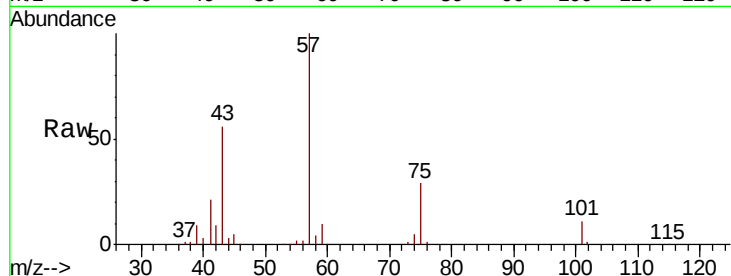
Tot Ion: 75 Resp: 54047

Ion Ratio Lower Upper

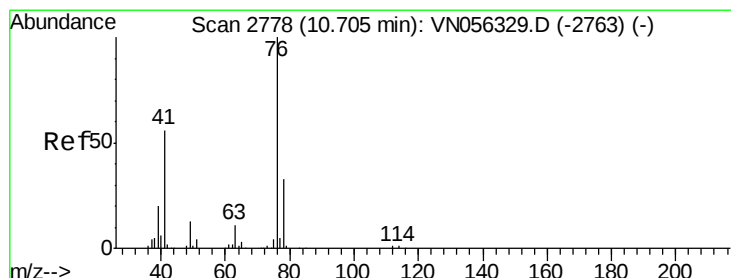
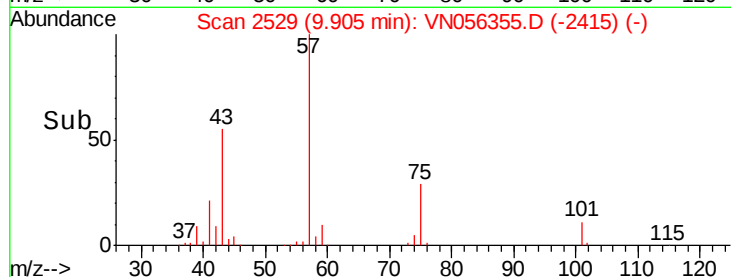
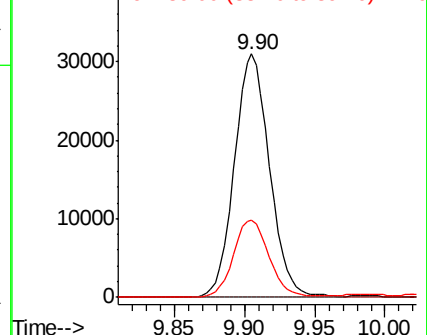
75 100

77 0.0 25.7 38.5#

39 31.5 35.4 53.0#



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



#57

1,3-Dichloropropane

Concen: 1.897 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056355.D

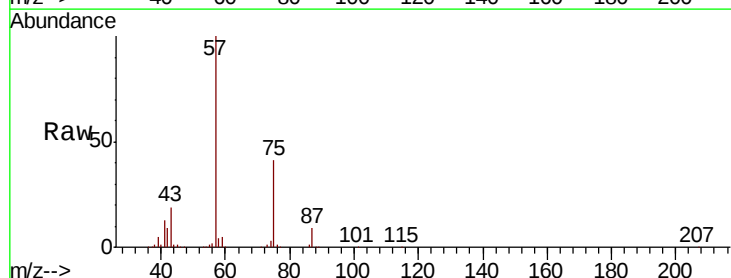
Acq: 18 Jun 2019 10:58

Tgt Ion: 76 Resp: 12460

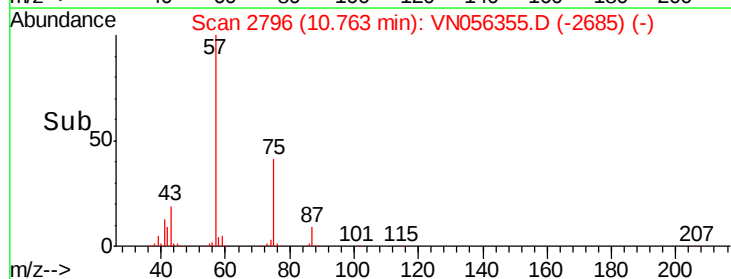
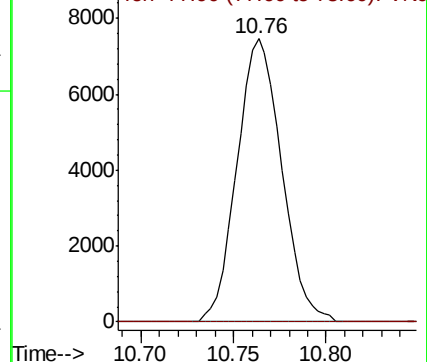
Ion Ratio Lower Upper

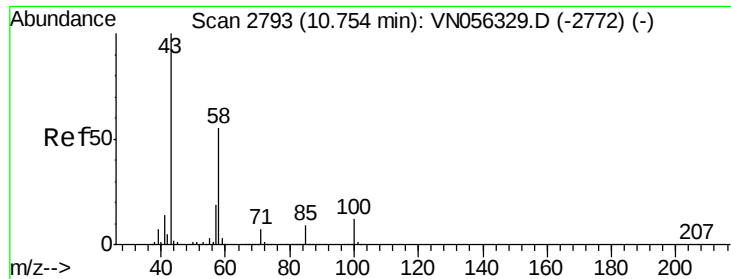
76 100

78 0.0 26.2 39.2#



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

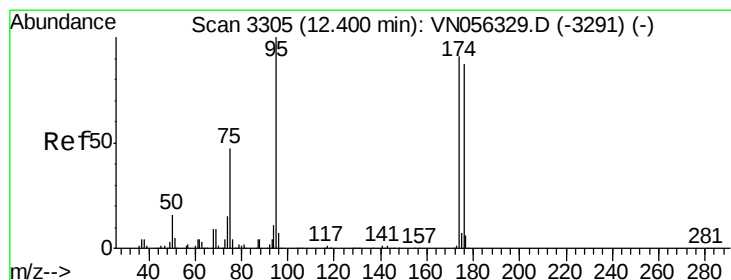
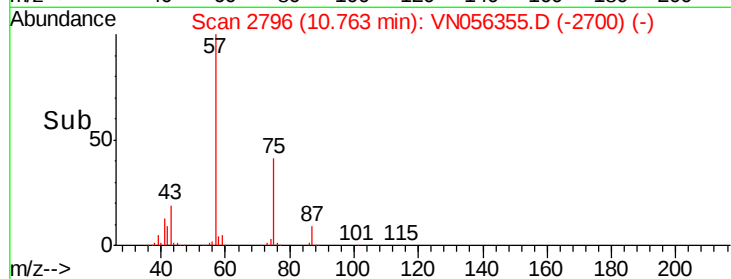
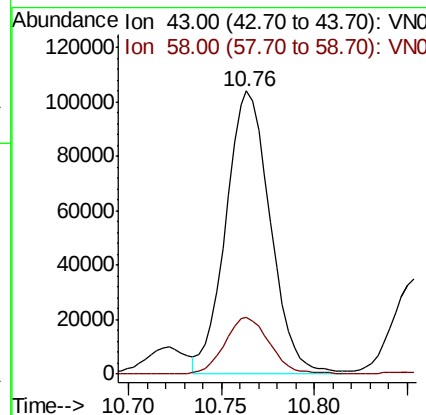
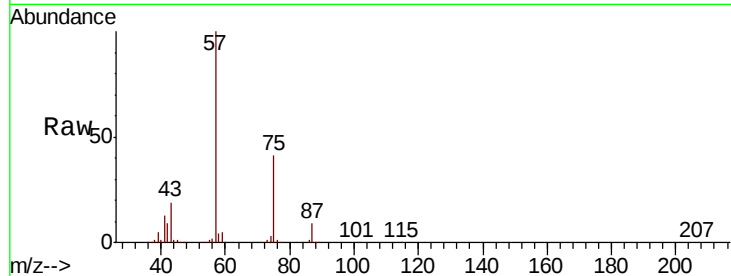




#59
2-Hexanone
Concen: 46.673 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

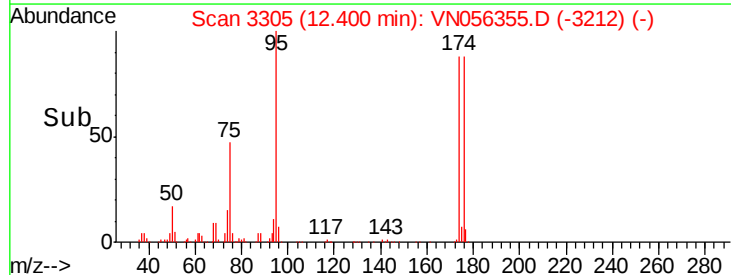
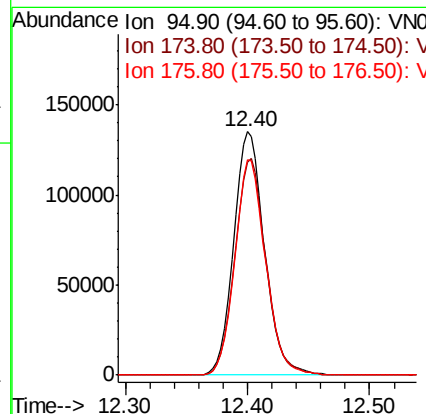
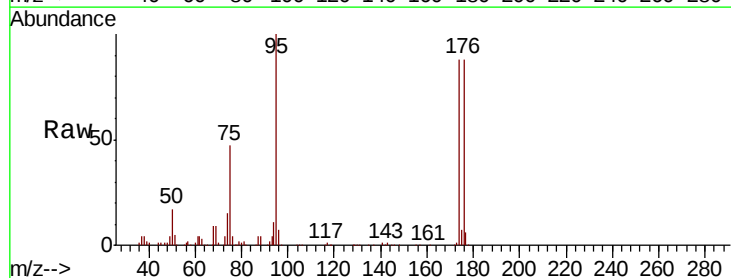
Instrument :
MSVOA_N
ClientSampled :

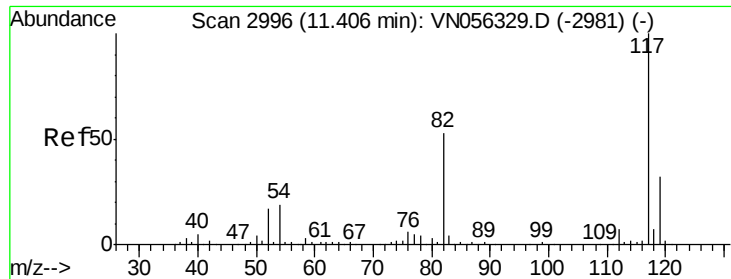
Tot Ion: 43 Resp: 171422
Ion Ratio Lower Upper
43 100
58 20.5 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 51.222 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion: 95 Resp: 236852
Ion Ratio Lower Upper
95 100
174 90.0 0.0 182.6
176 88.2 0.0 176.8

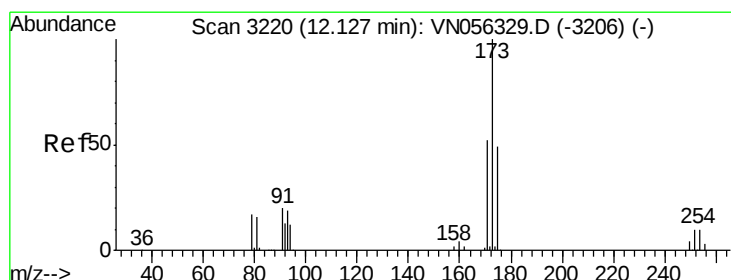
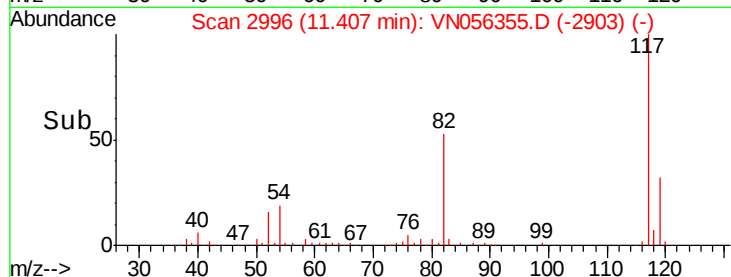
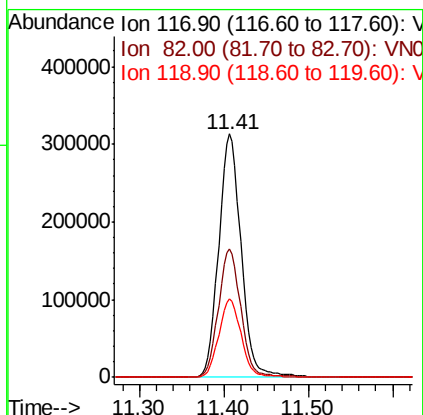
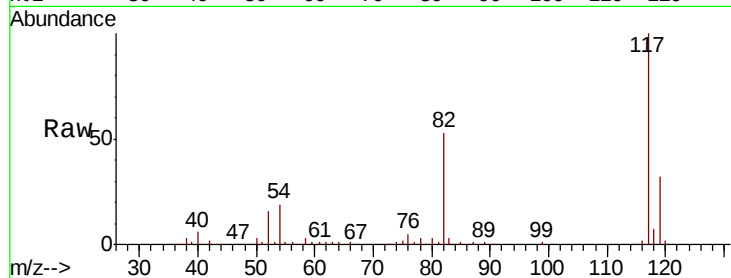




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

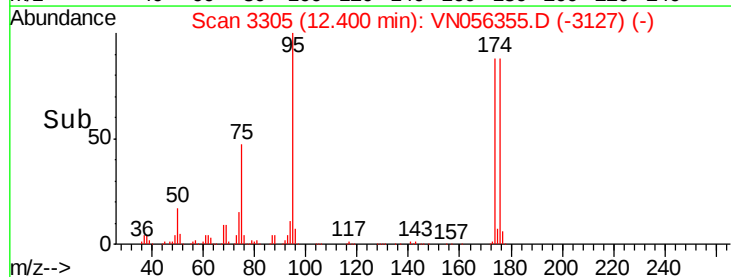
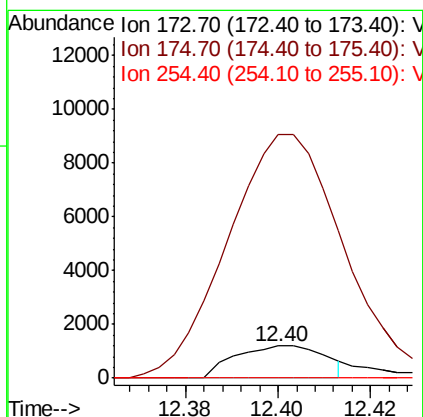
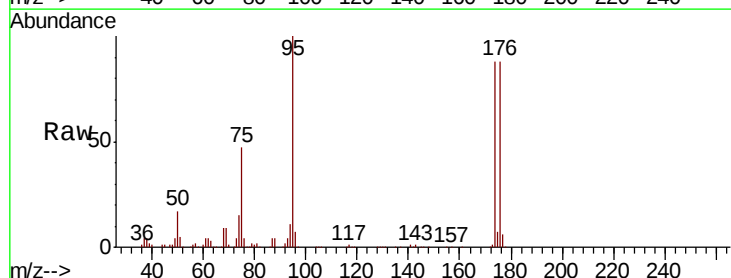
Instrument :
MSVOA_N
ClientSampled :

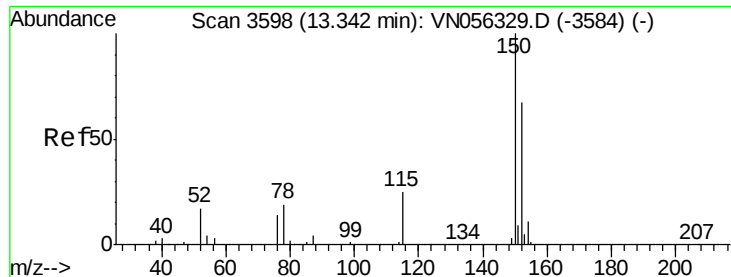
Tot Ion:117 Resp: 577929
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.0 26.0 39.0



#71
Bromoform
Concen: 0.474 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion:173 Resp: 1615
Ion Ratio Lower Upper
173 100
175 842.0 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

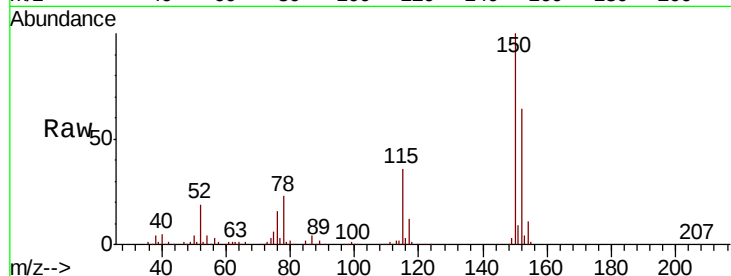
Tot Ion:152 Resp: 179191

Ion Ratio Lower Upper

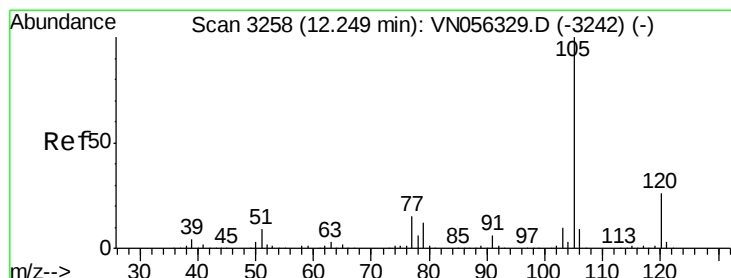
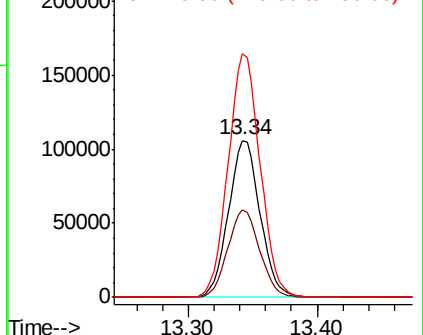
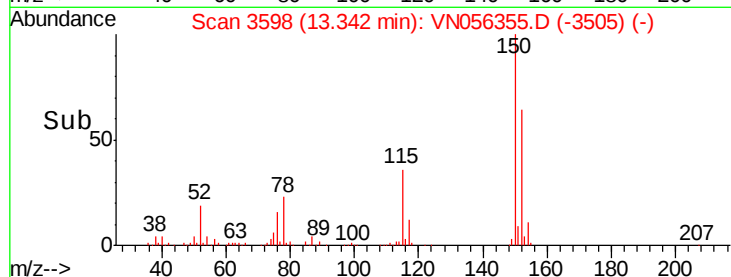
152 100

115 56.5 27.8 83.3

150 157.8 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: VN056355.D

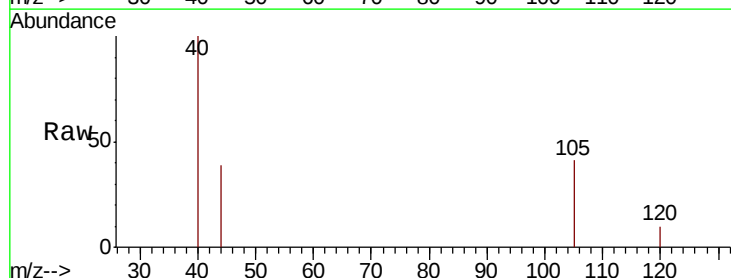
Acq: 18 Jun 2019 10:58

Tgt Ion:105 Resp: 1033

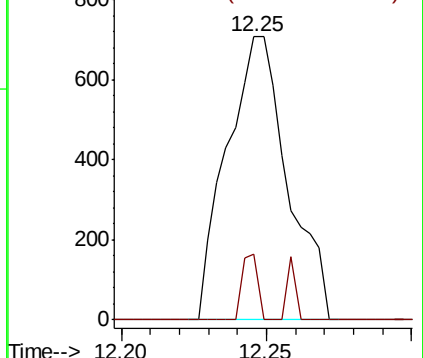
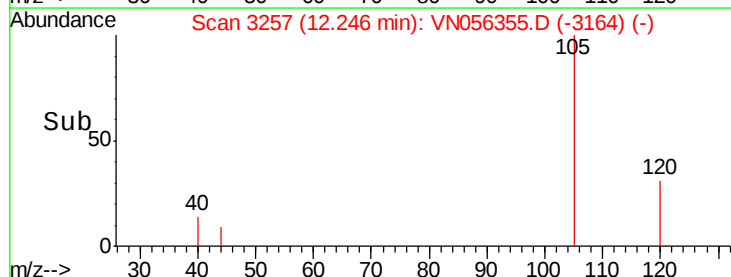
Ion Ratio Lower Upper

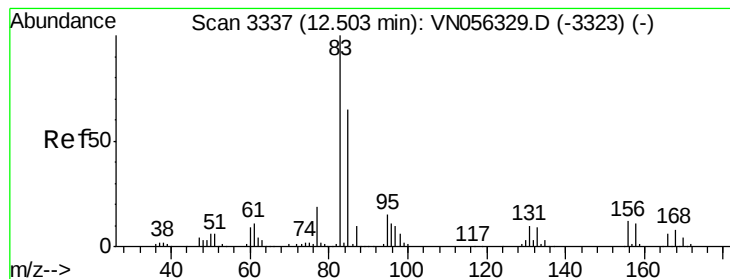
105 100

120 6.0 13.3 39.8#



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

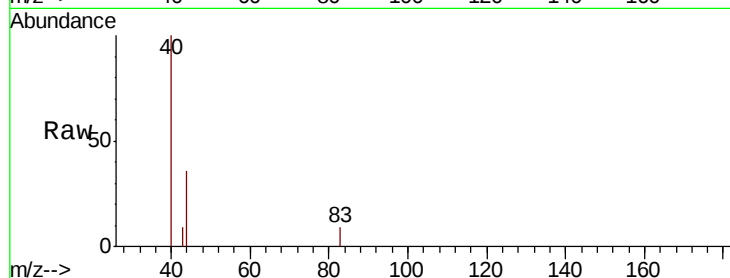
Tot Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

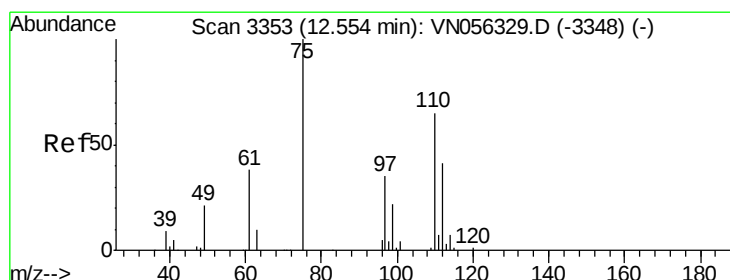
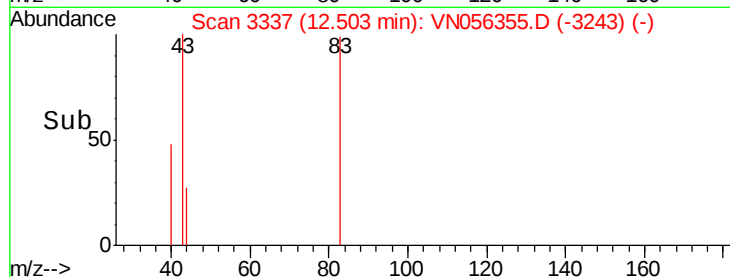
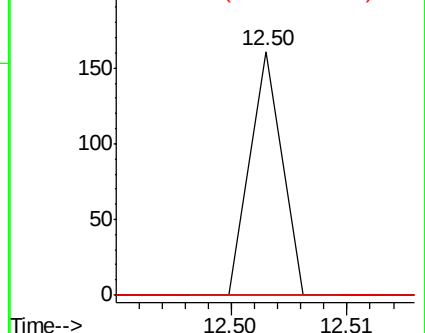
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.107 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056355.D

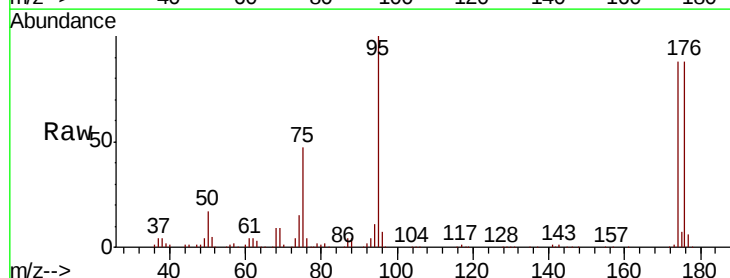
Acq: 18 Jun 2019 10:58

Tgt Ion: 75 Resp: 111437

Ion Ratio Lower Upper

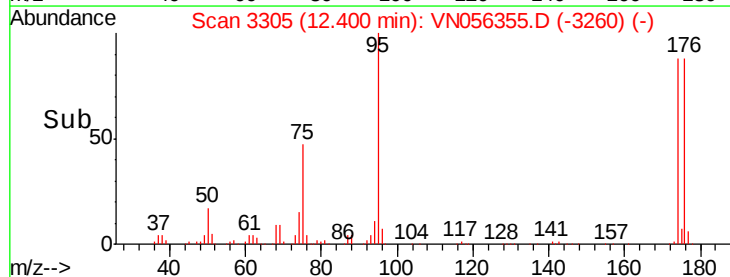
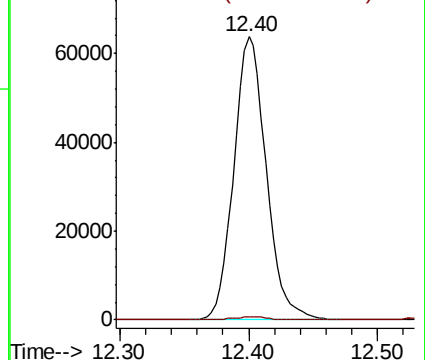
75 100

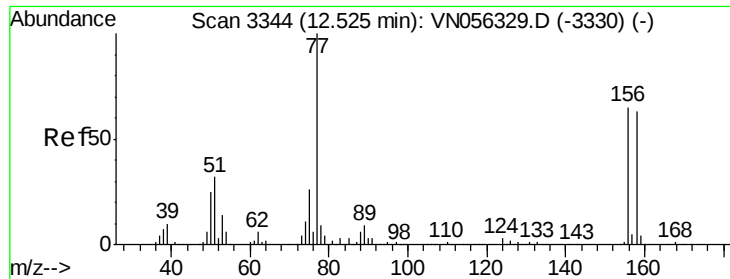
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampled :

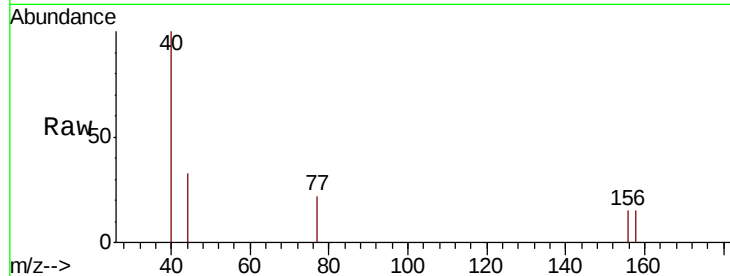
Tot Ion:156 Resp: 300

Ion Ratio Lower Upper

156 100

77 150.3 92.9 278.7

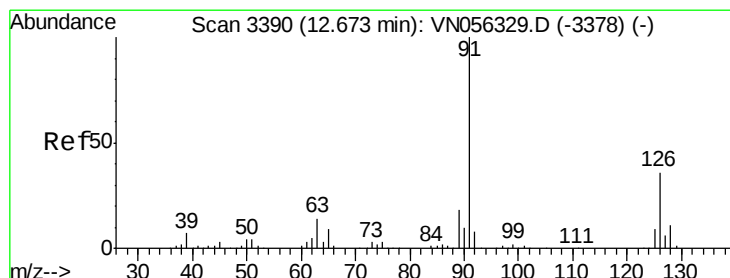
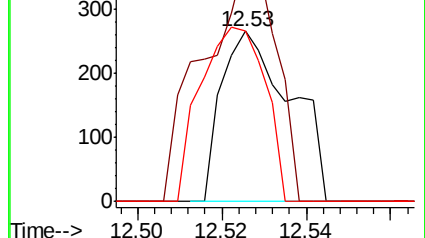
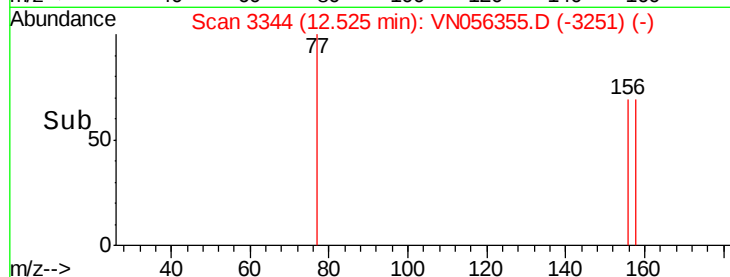
158 96.7 49.0 147.2



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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056355.D

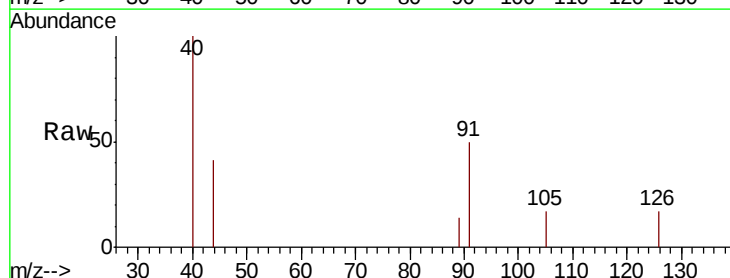
Acq: 18 Jun 2019 10:58

Tgt Ion: 91 Resp: 1532

Ion Ratio Lower Upper

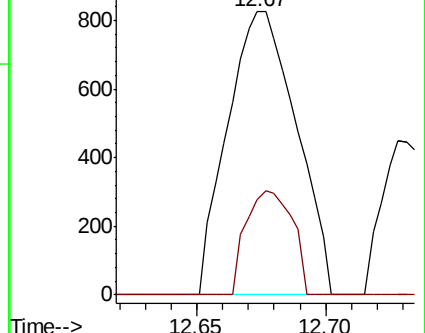
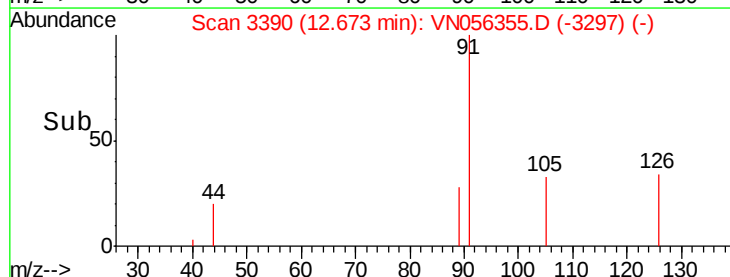
91 100

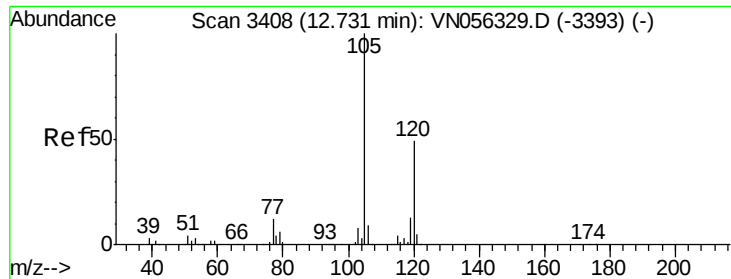
126 24.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

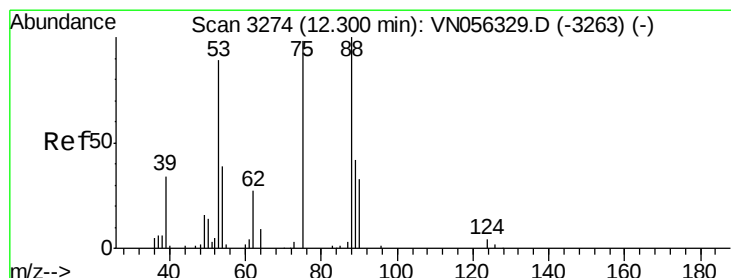
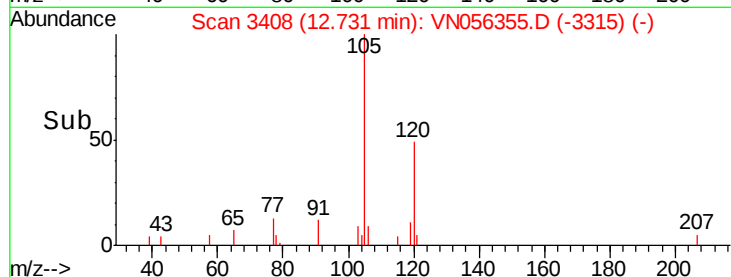
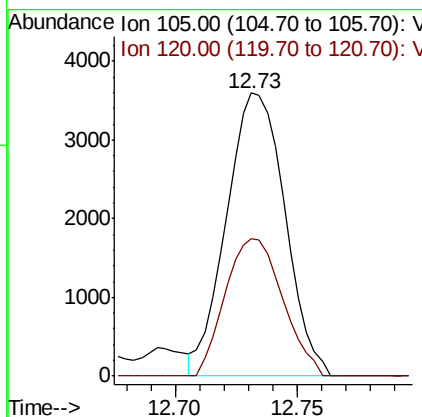
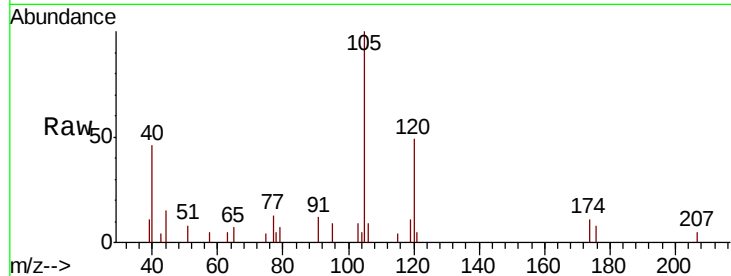




#80
 1,3,5-Trimethylbenzene
 Concen: 0.479 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

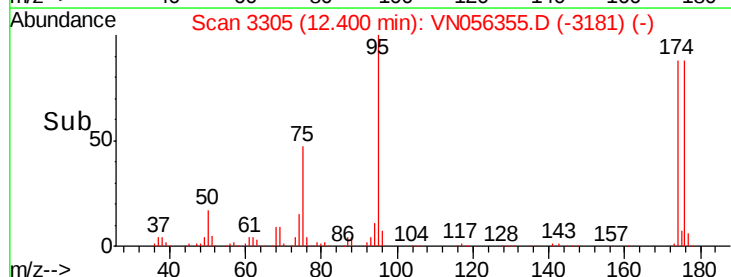
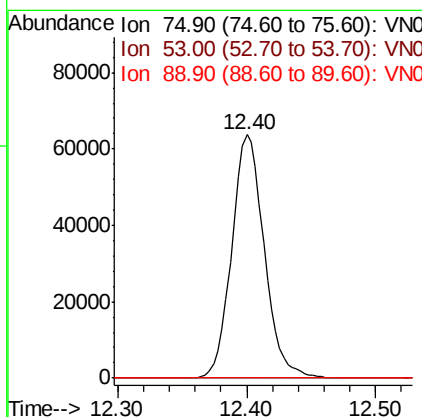
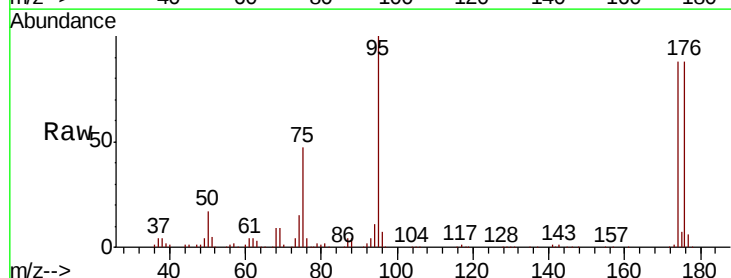
Instrument :
 MSVOA_N
 ClientSampleId :

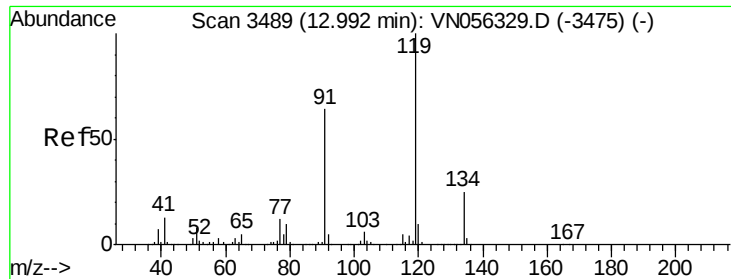
Tot Ion:105 Resp: 5982
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.434 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion: 75 Resp: 111437
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.4 53.2#

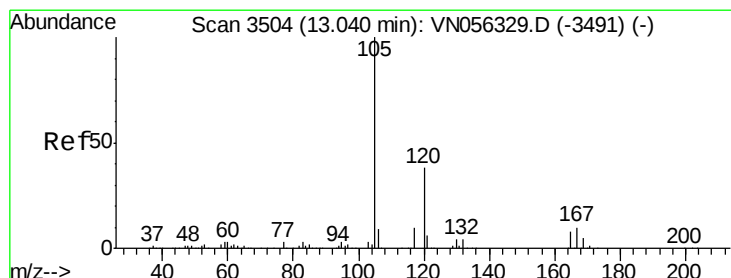
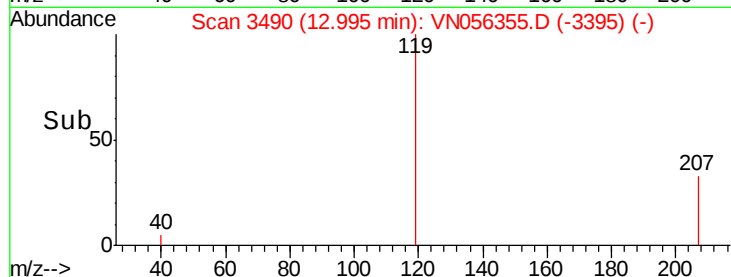
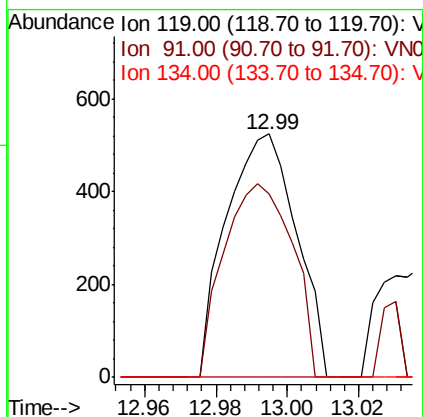
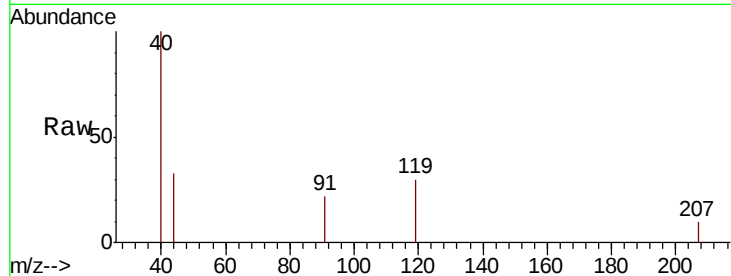




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

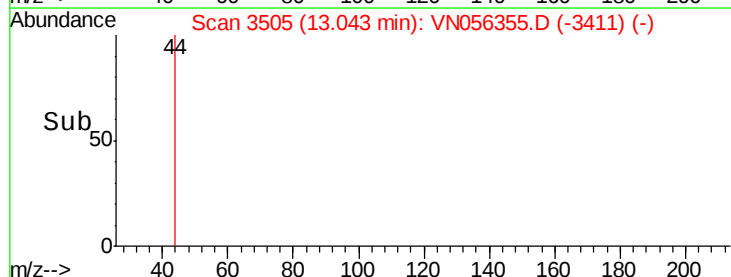
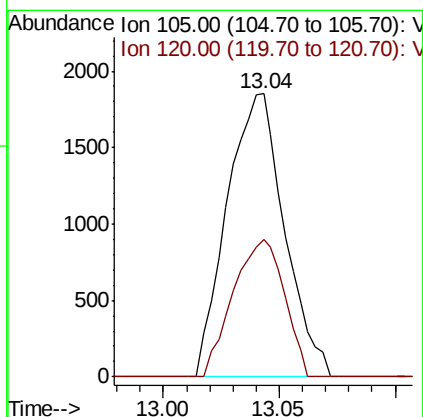
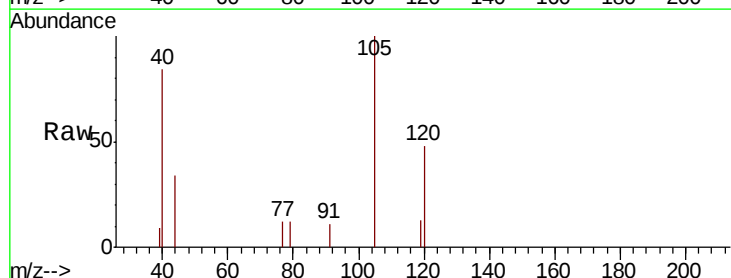
Instrument :
 MSVOA_N
 ClientSampleId :

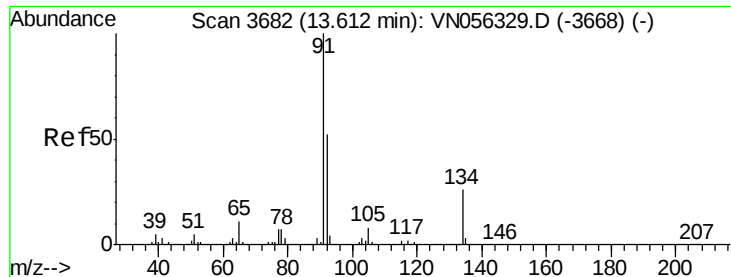
Tot Ion:119 Resp: 711
 Ion Ratio Lower Upper
 119 100
 91 77.8 31.5 94.5
 134 0.0 13.6 40.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Tgt Ion:105 Resp: 3191
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.1 69.2





#89

n-Butylbenzene

Concen: 0.240 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

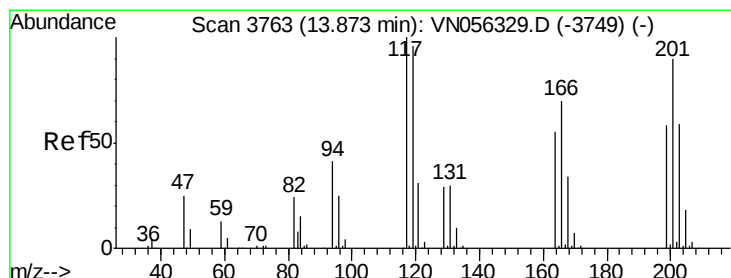
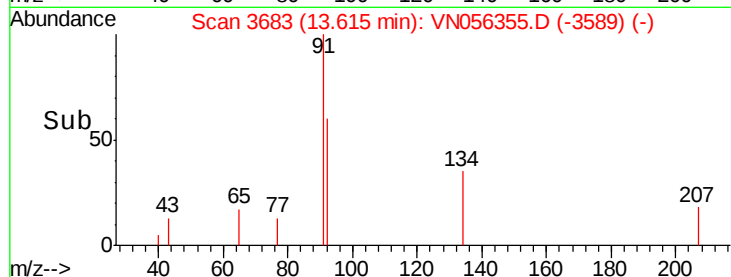
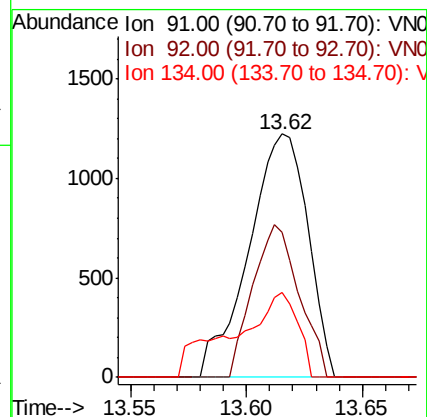
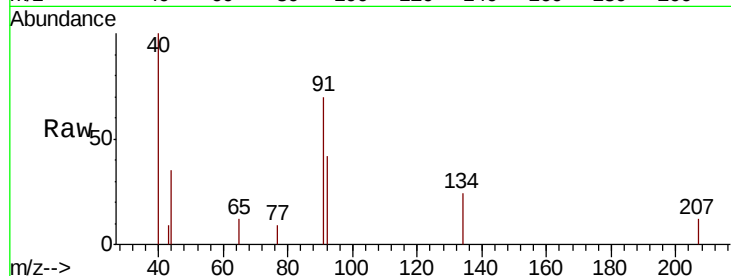
Tot Ion: 91 Resp: 2167

Ion Ratio Lower Upper

91 100

92 49.1 26.0 78.0

134 37.7 13.2 39.5



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN056355.D

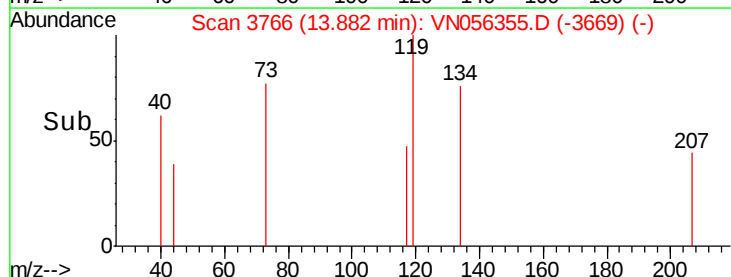
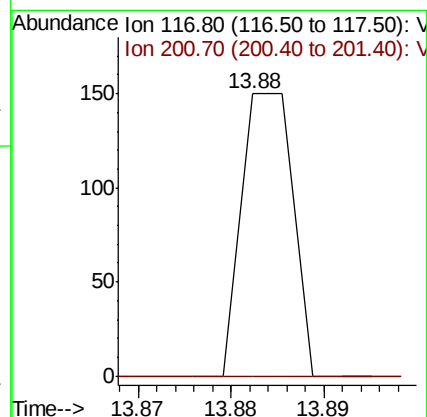
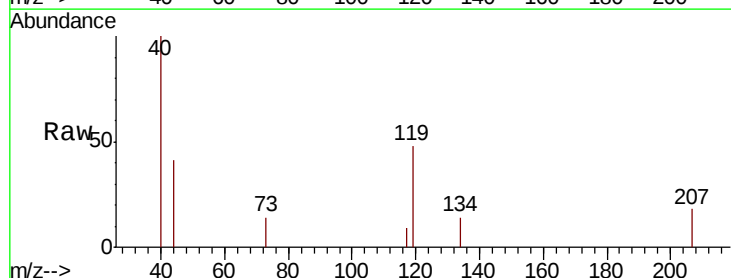
Acq: 18 Jun 2019 10:58

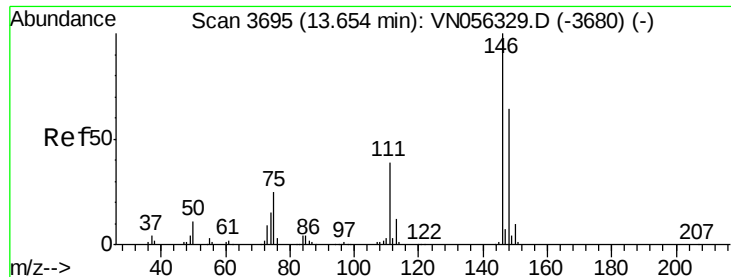
Tgt Ion: 117 Resp: 58

Ion Ratio Lower Upper

117 100

201 0.0 45.8 137.3#





#91

1,2-Dichlorobenzene

Concen: 0.219 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

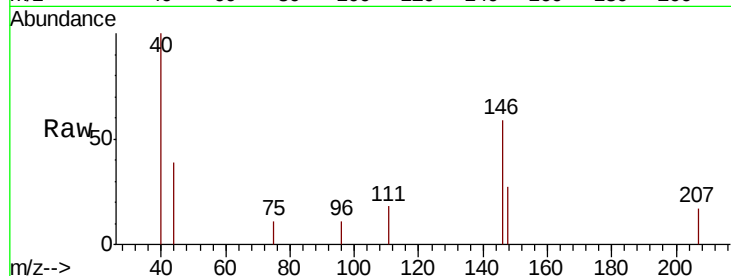
Tot Ion:146 Resp: 1308

Ion Ratio Lower Upper

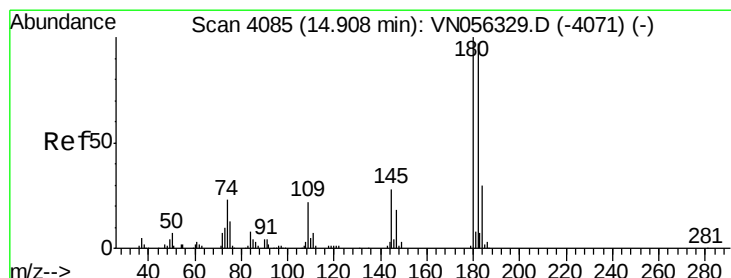
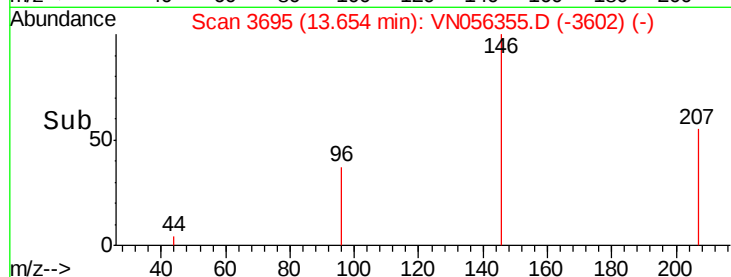
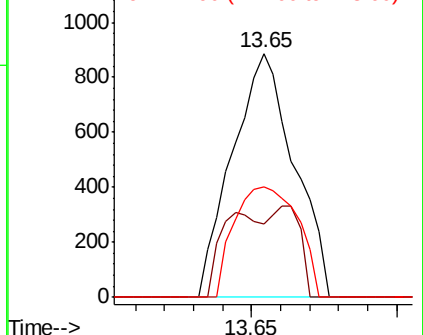
146 100

111 24.0 19.4 58.2

148 46.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 5.698 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056355.D

Acq: 18 Jun 2019 10:58

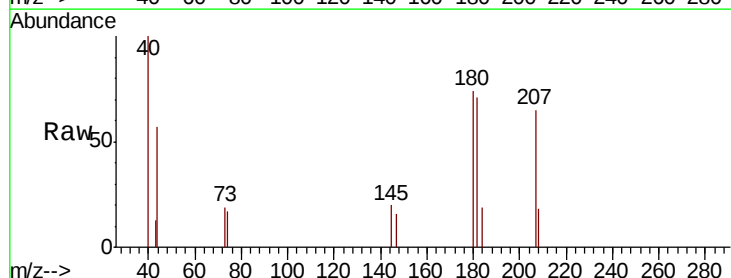
Tgt Ion:180 Resp: 1360

Ion Ratio Lower Upper

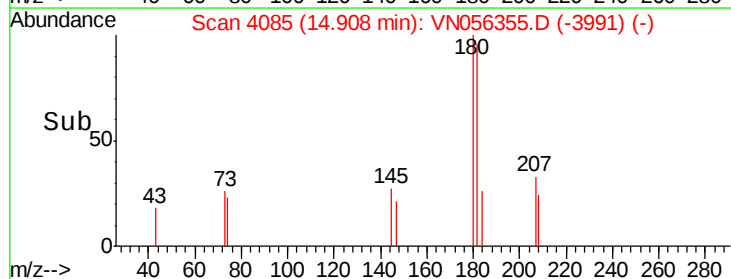
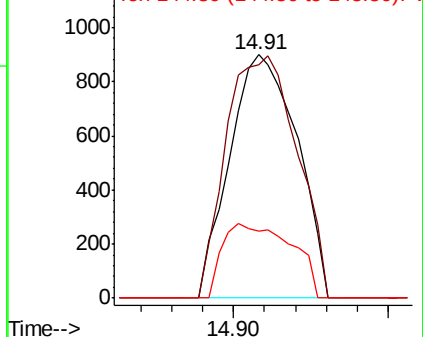
180 100

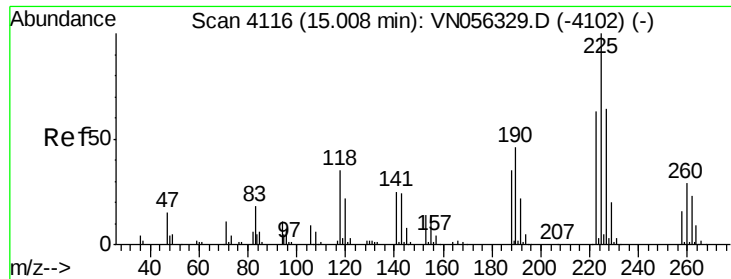
182 104.8 47.4 142.3

145 31.3 14.0 41.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

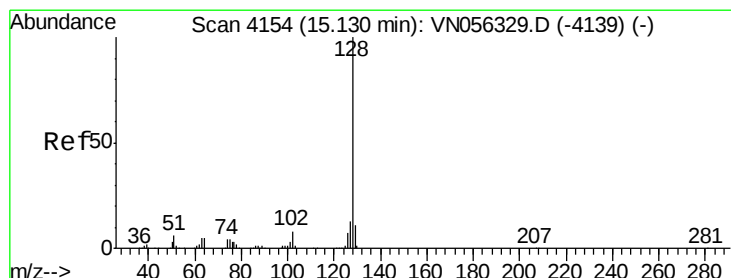
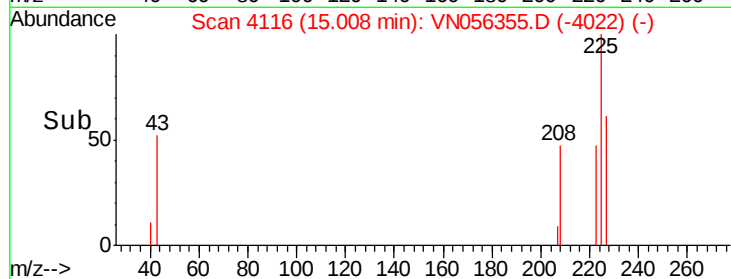
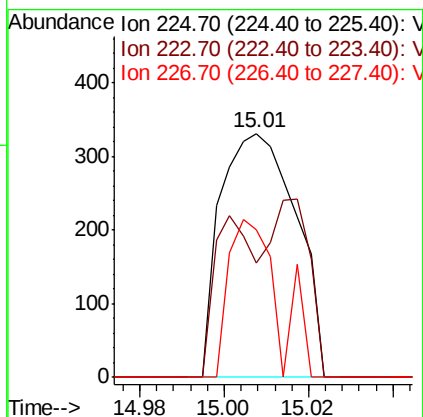
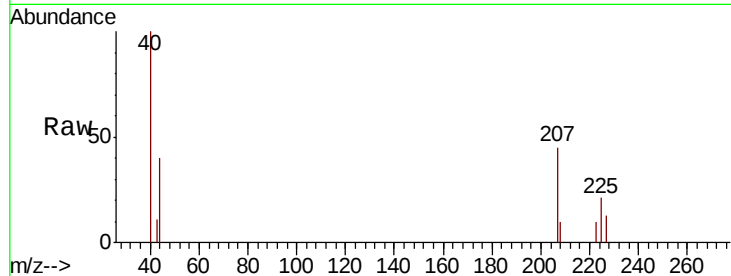




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

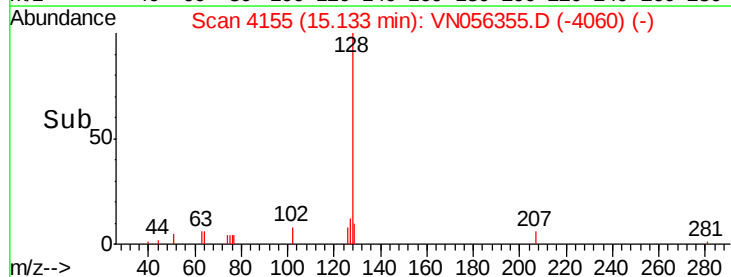
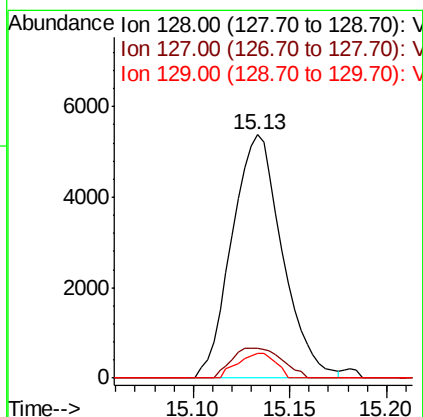
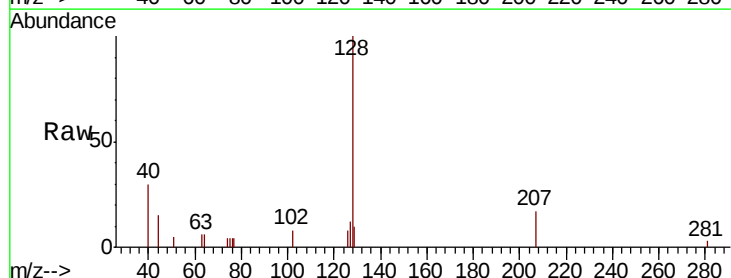
Instrument :
MSVOA_N
ClientSampleId :

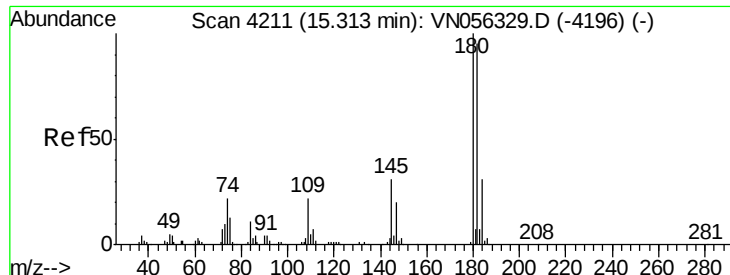
Tot Ion:225 Resp: 413
Ion Ratio Lower Upper
225 100
223 35.1 31.2 93.6
227 42.1 31.7 95.1



#95
Naphthalene
Concen: 5.739 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056355.D
Acq: 18 Jun 2019 10:58

Tgt Ion:128 Resp: 9746
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 7.6 8.6 12.8#

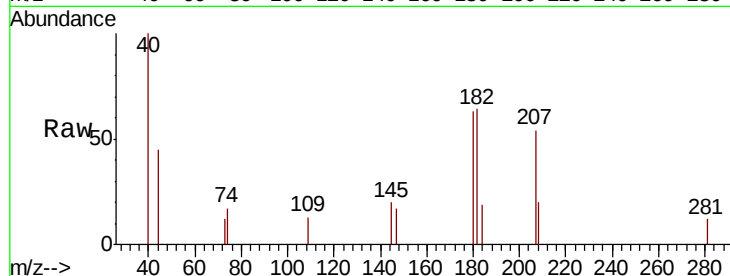




#96
 1,2,3-Trichlorobenzene
 Concen: 4.270 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056355.D
 Acq: 18 Jun 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	108.7	47.1	141.4
145	25.3	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

