

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056334.D
 Acq On : 17 Jun 2019 12:48
 Operator : JC/SP
 Sample : PB120638TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:32:31 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	333725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	563328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166615	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	193764	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	170803	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	716047	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.40	95	227559	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	827	1.401	ug/l #	73
13) Acrolein	3.45	56	33	3.370	ug/l #	79
16) Acetone	3.82	43	16343	7.882	ug/l	98
17) Carbon Disulfide	4.04	76	2041	0.246	ug/l #	75
18) Methyl Acetate	4.34	43	5657	Below Cal	#	68
20) Methylene Chloride	4.54	84	2765	0.755	ug/l	93
25) 2-Butanone	6.85	43	8791	3.498	ug/l	93
29) Tetrahydrofuran	7.23	42	2278	1.526	ug/l #	50
31) Cyclohexane	7.66	56	5732	0.991	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21236	4.189	ug/l #	49
37) Ethyl Acetate	6.85	43	8791	1.830	ug/l #	68
38) Carbon Tetrachloride	7.66	117	28591	5.876	ug/l #	15
41) Methacrylonitrile	7.22	41	585	0.265	ug/l #	35
43) Isopropyl Acetate	8.17	43	14161	1.843	ug/l	100
45) 1,2-Dichloropropane	9.26	63	1929	0.475	ug/l #	44
48) Methyl methacrylate	9.18	41	9250	2.386	ug/l #	13
49) 1,4-Dioxane	9.27	88	29	0.371	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5696	1.163	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	57728	9.769	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	13127	2.020	ug/l #	42
59) 2-Hexanone	10.76	43	181620	49.999	ug/l #	52
71) Bromoform	12.40	173	1562	0.460	ug/l #	1
73) Isopropylbenzene	12.25	105	428	Below Cal	#	48
74) N-amyl acetate	12.04	43	1118	0.214	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	104241	29.283	ug/l #	100
79) 2-Chlorotoluene	12.68	91	399	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3297	0.284	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	104241	90.979	ug/l #	13
83) tert-Butylbenzene	13.00	119	331	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.91	180	566	5.481	ug/l #	64
94) Hexachlorobutadiene	15.01	225	292	Below Cal	#	19
95) Naphthalene	15.14	128	1703	4.863	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.32	180	888	4.075	ug/l #	83

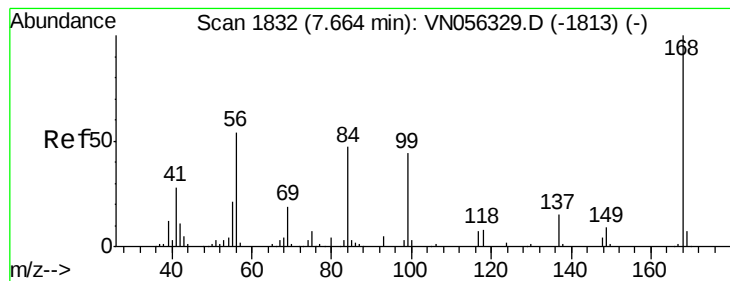
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
Data File : VN056334.D
Acq On : 17 Jun 2019 12:48
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response 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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

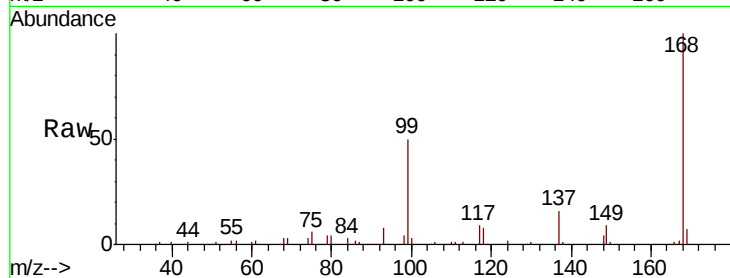
ClientSampled :

Tot Ion:168 Resp: 333725

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

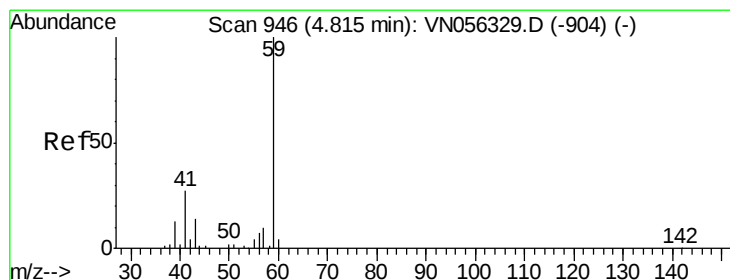
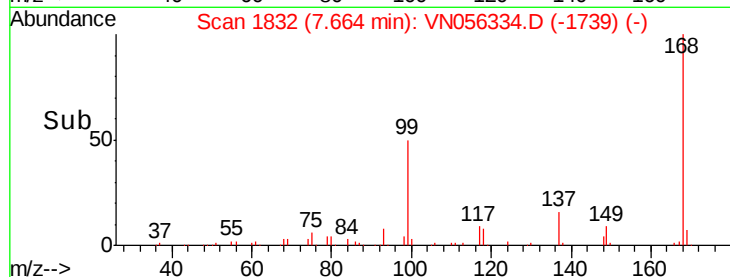
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.401 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.00 min

Lab File: VN056334.D

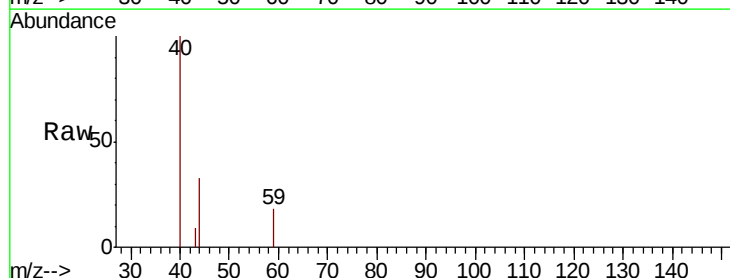
Acq: 17 Jun 2019 12:48

Tgt Ion: 59 Resp: 827

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.82

400

300

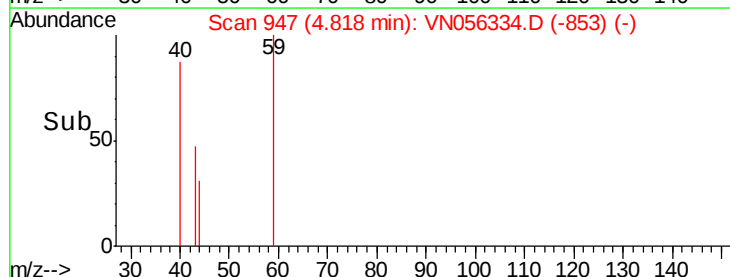
200

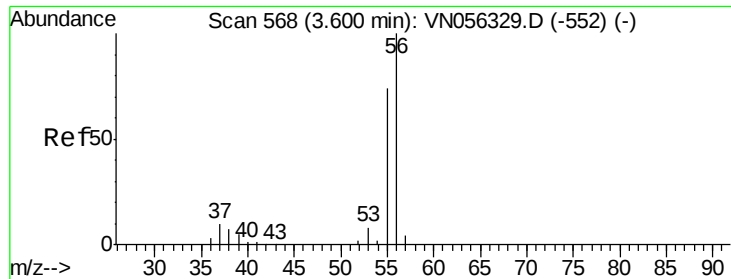
100

0

Time-->

4.80 4.85





#13

Acrolein

Concen: 3.370 ug/l

RT: 3.45 min Scan# 520

Delta R.T. -0.15 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

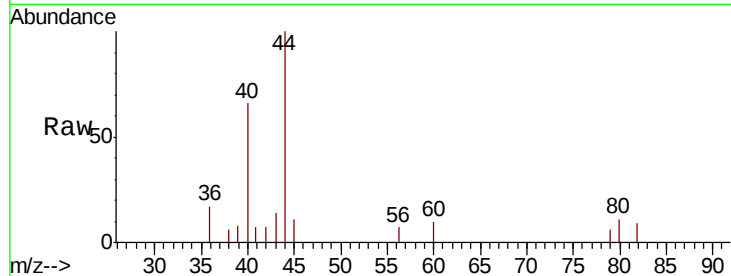
ClientSampleId :

Tot Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 87.9 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

200

150

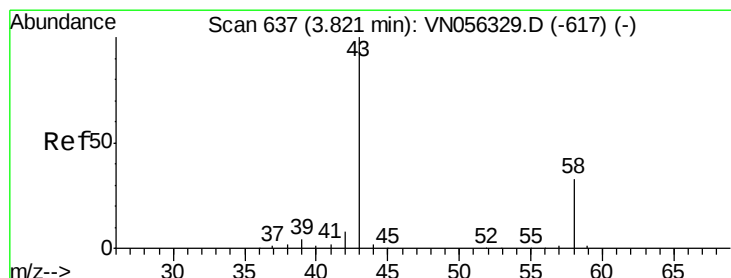
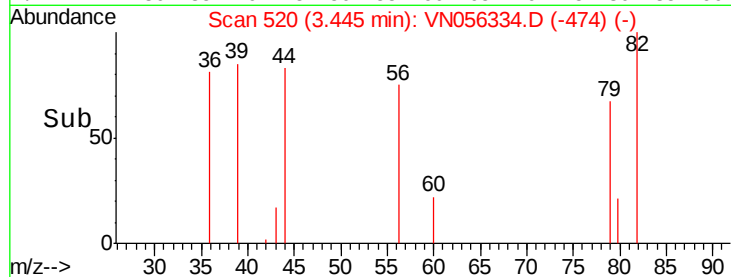
100

50

0

3.44 3.44 3.44 3.45 3.46

Time-->



#16

Acetone

Concen: 7.882 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056334.D

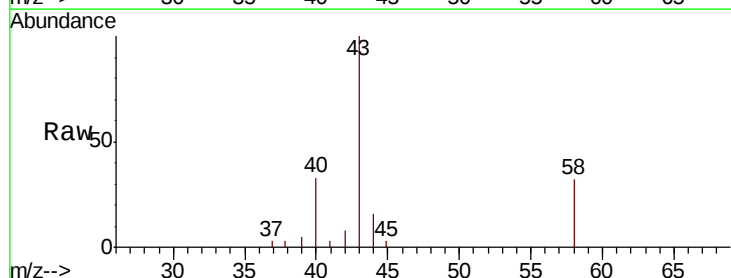
Acq: 17 Jun 2019 12:48

Tgt Ion: 43 Resp: 16343

Ion Ratio Lower Upper

43 100

58 31.9 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

3000

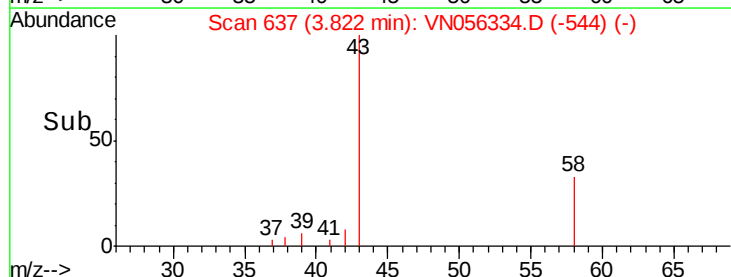
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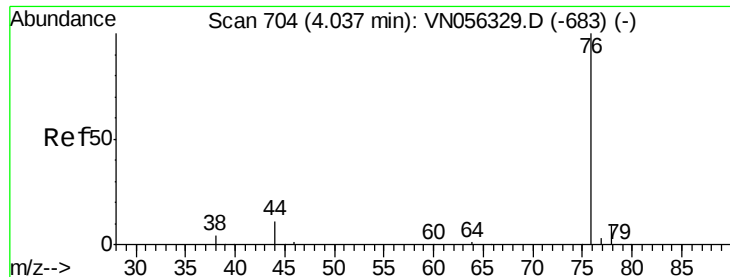
1000

0

3.75 3.80 3.85 3.90

Time-->

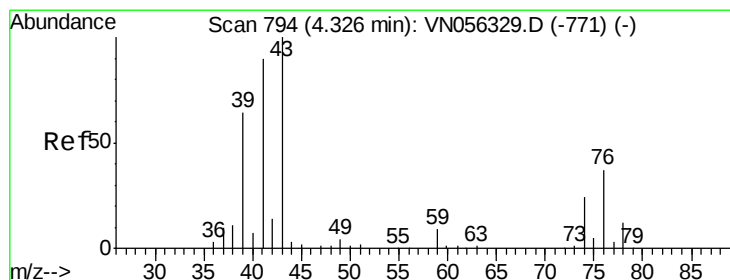
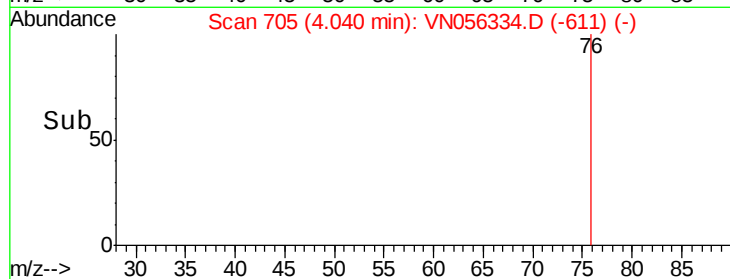
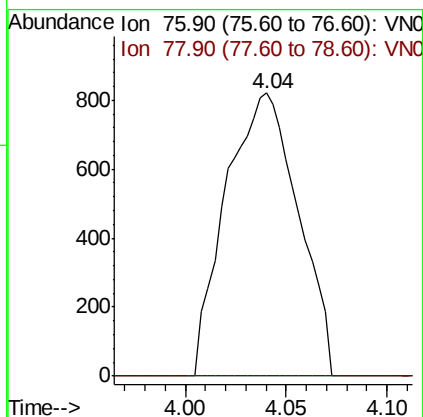
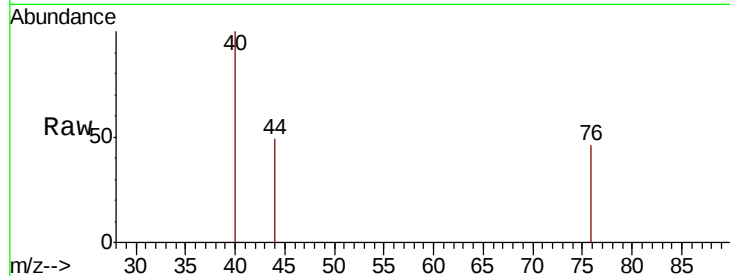




#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

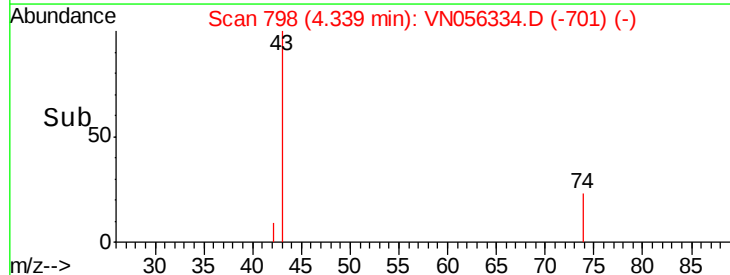
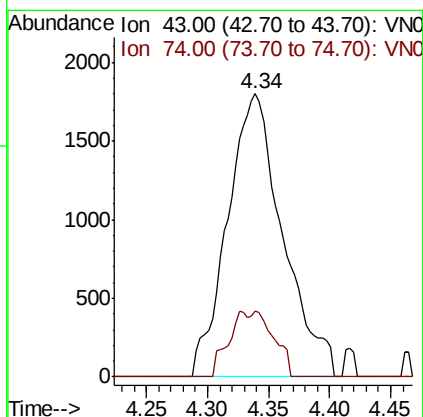
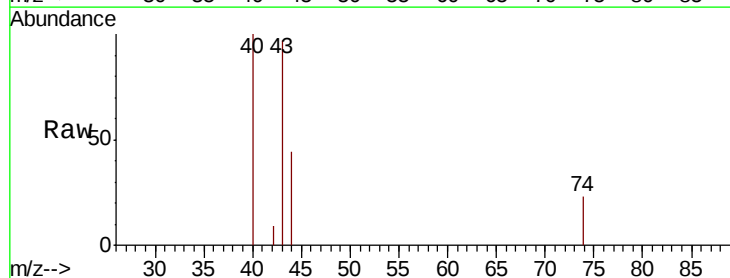
Instrument :
MSVOA_N
ClientSampled :

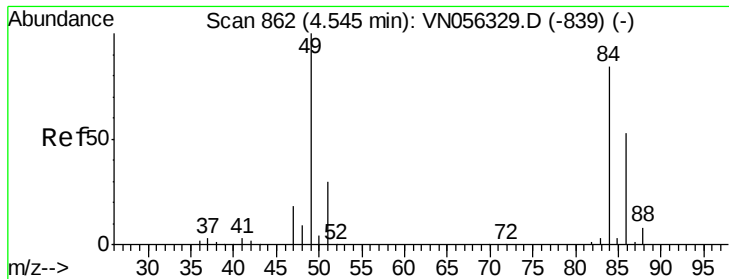
Tot Ion: 76 Resp: 2041
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Tgt Ion: 43 Resp: 5657
Ion Ratio Lower Upper
43 100
74 8.6 19.4 29.2#

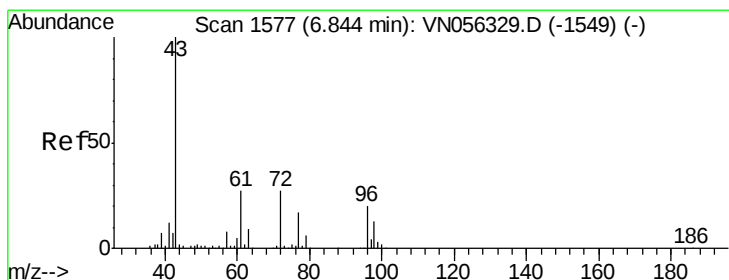
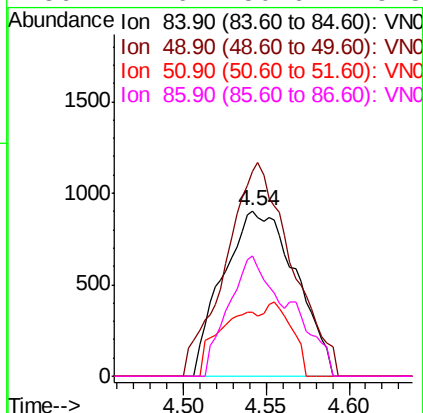
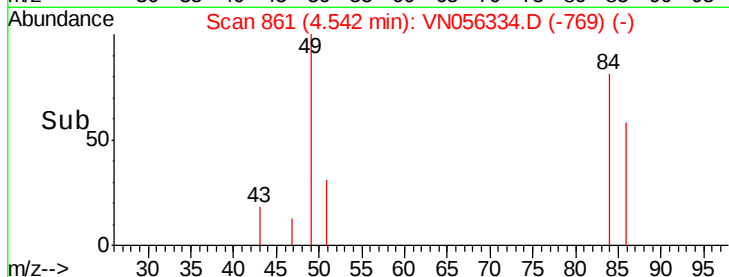
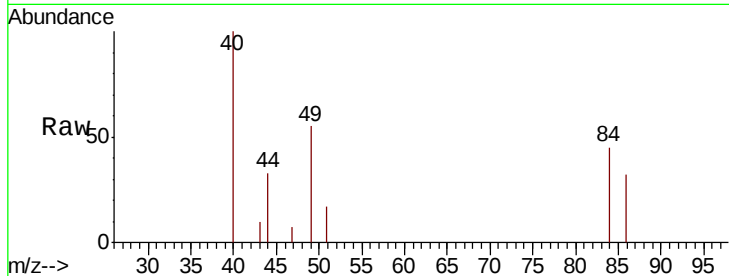




#20
Methvlene Chloride
Concen: 0.755 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

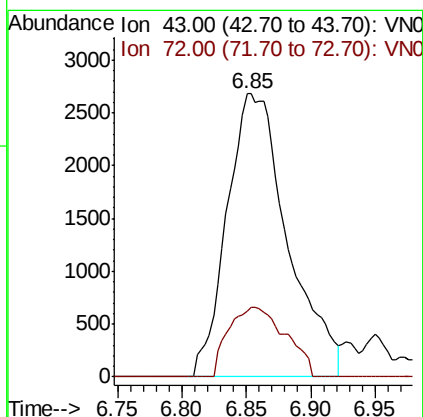
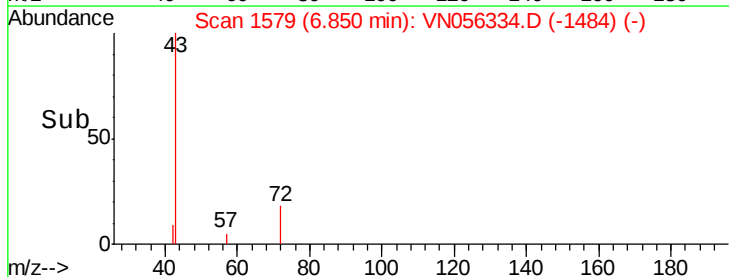
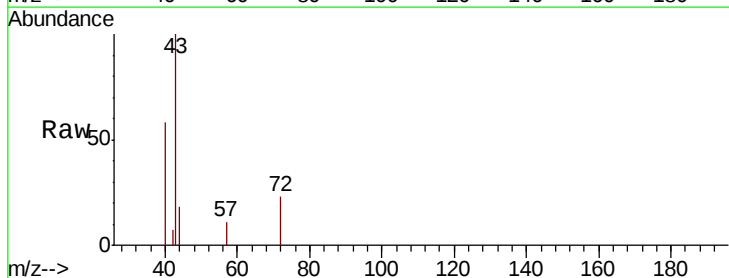
Instrument :
MSVOA_N
ClientSampleId :

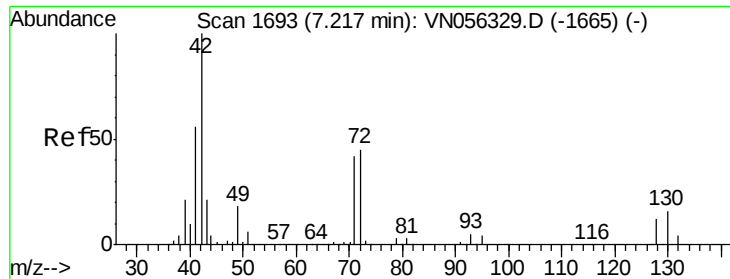
Tot Ion:	84	Resp:	2765
Ion	Ratio	Lower	Upper
84	100		
49	124.1	95.0	142.6
51	38.5	28.2	42.4
86	72.6	50.6	75.8



#25
2-Butanone
Concen: 3.498 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Tgt Ion:	43	Resp:	8791
Ion	Ratio	Lower	Upper
43	100		
72	23.3	21.4	32.2

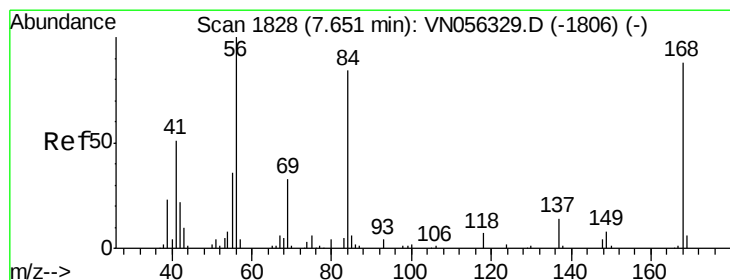
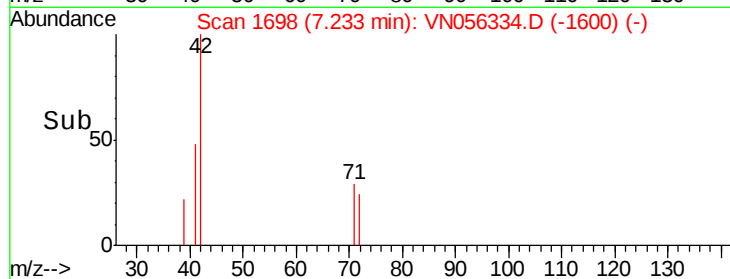
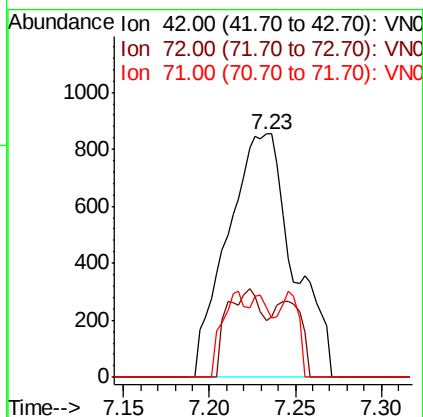
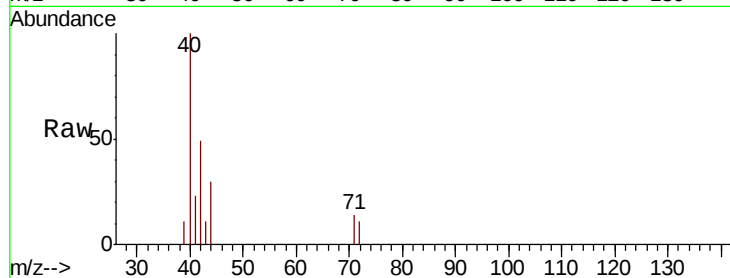




#29
Tetrahydrofuran
Concen: 1.526 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

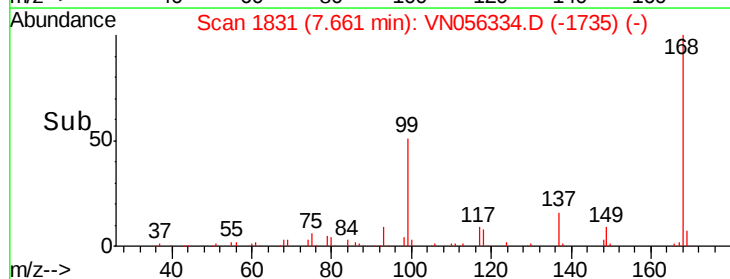
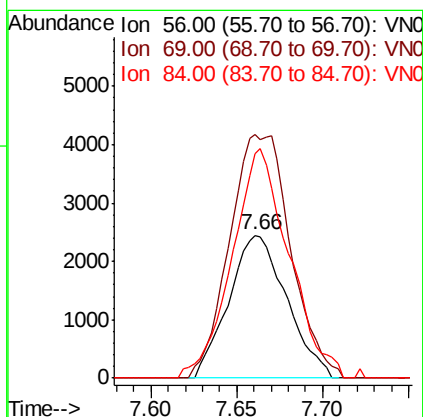
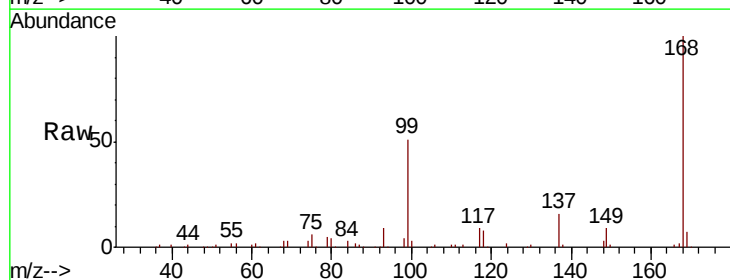
Instrument :
MSVOA_N
ClientSampleId :

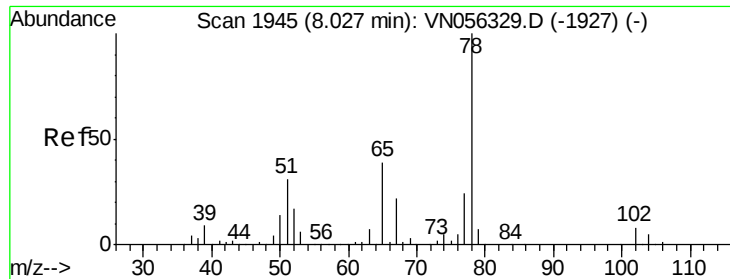
Tot Ion: 42 Resp: 2278
Ion Ratio Lower Upper
42 100
72 12.1 35.3 52.9#
71 8.9 32.7 49.1#



#31
Cyclohexane
Concen: 0.991 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
69 170.6 26.0 39.0#
84 149.8 67.4 101.0#

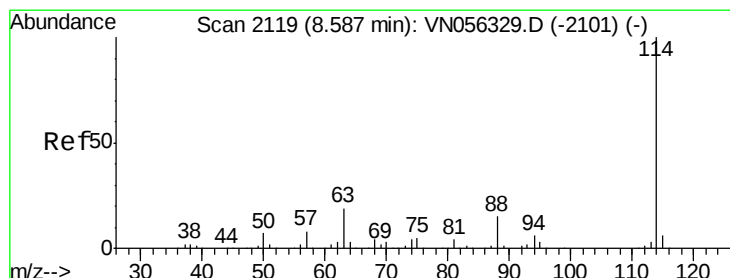
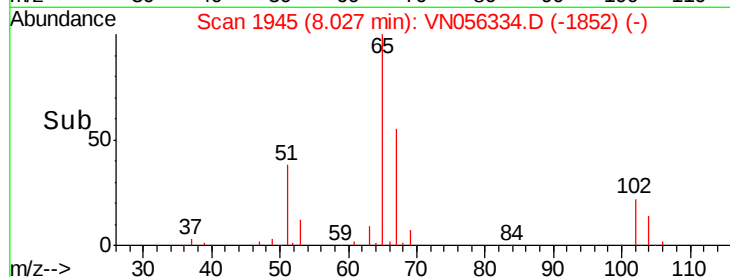
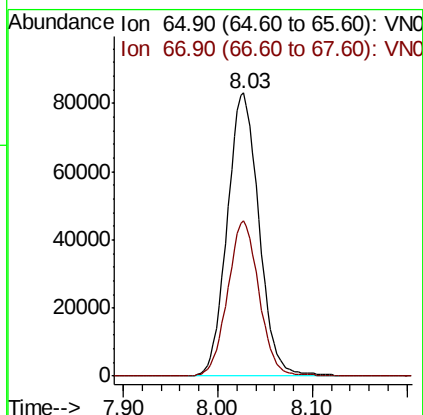
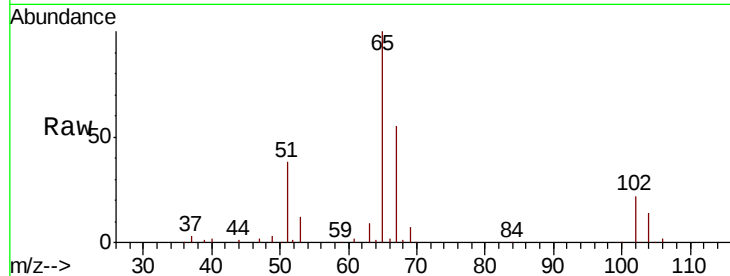




#33
 1,2-Dichloroethane-d4
 Concen: 51.637 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

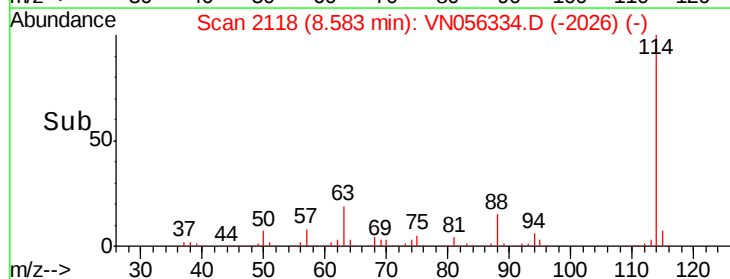
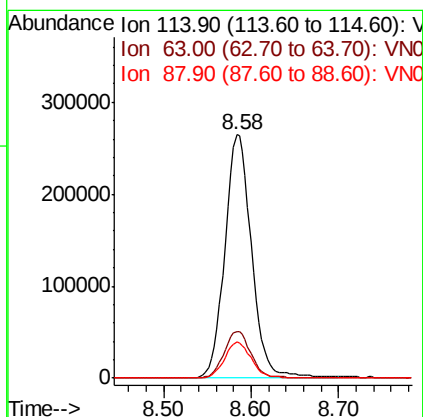
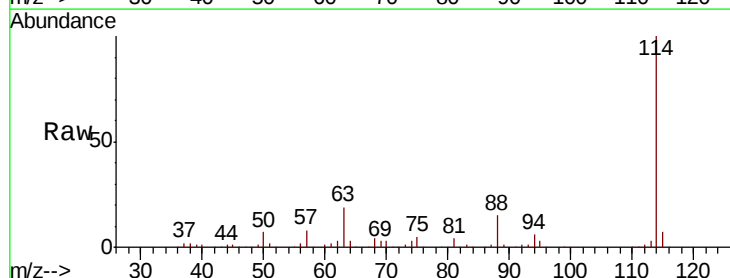
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 MSVOA_N
 ClientSampled :

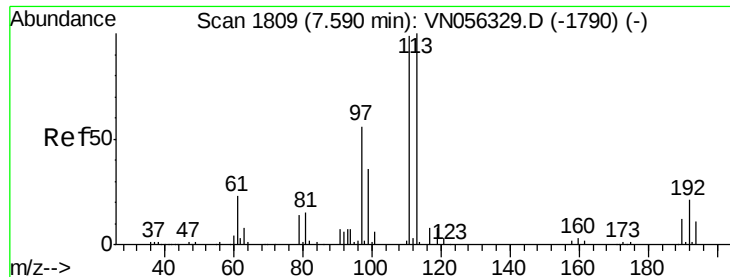
Tot Ion: 65 Resp: 193764
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Tgt Ion: 114 Resp: 563328
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 14.7 0.0 30.6

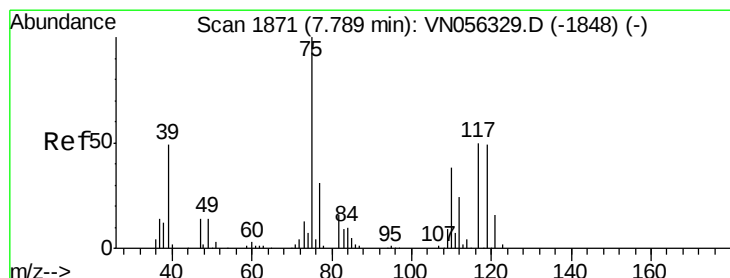
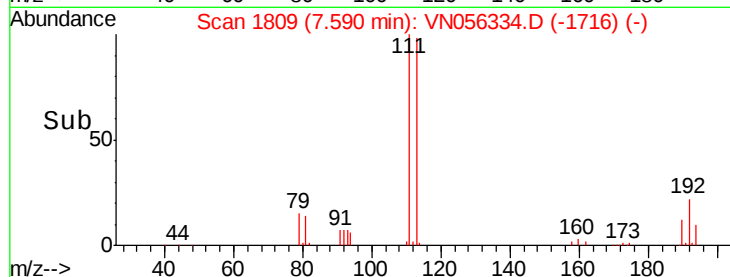
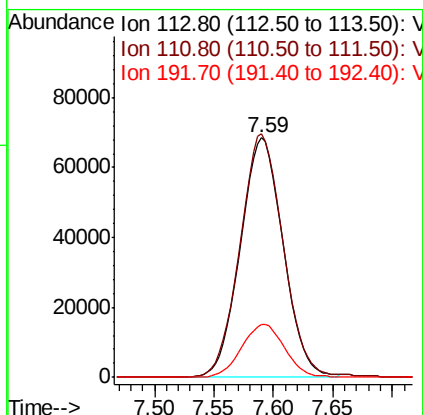
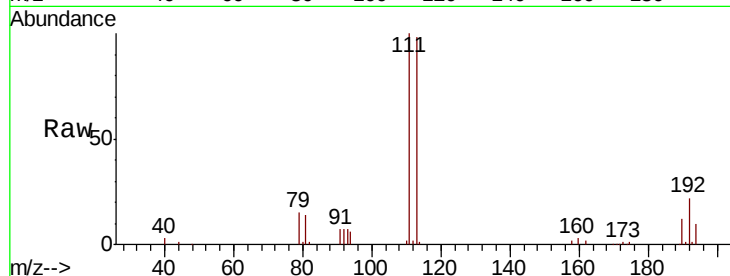




#35
 Dibromofluoromethane
 Concen: 47.281 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

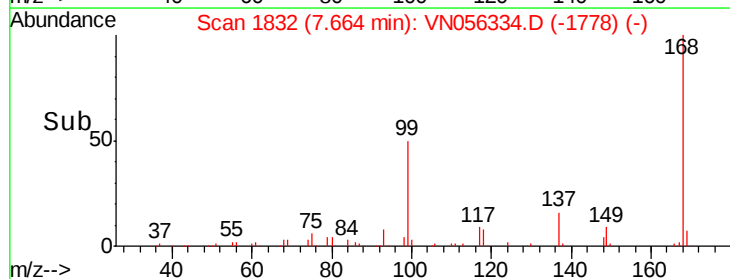
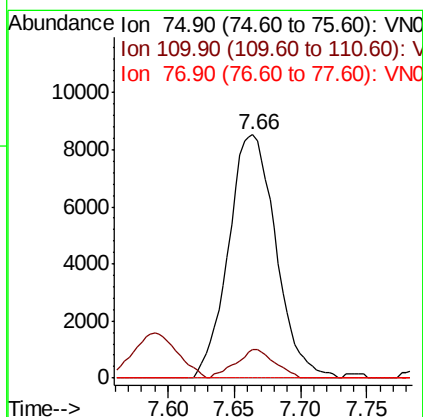
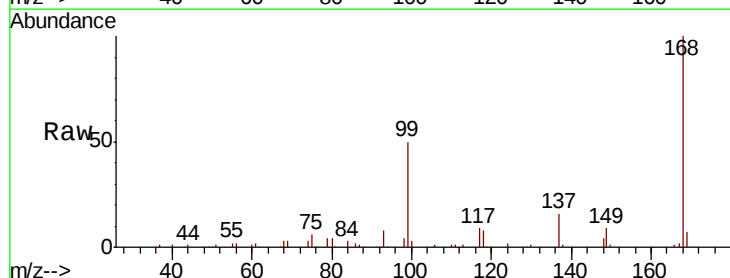
Instrument :
 MSVOA_N
 ClientSampleId :

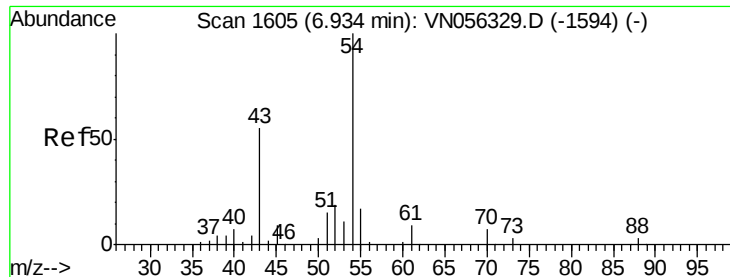
Tot Ion:113 Resp: 170803
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.1 123.1
 192 22.2 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 4.189 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Tgt Ion: 75 Resp: 21236
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.6 56.0#
 77 0.0 25.0 37.6#

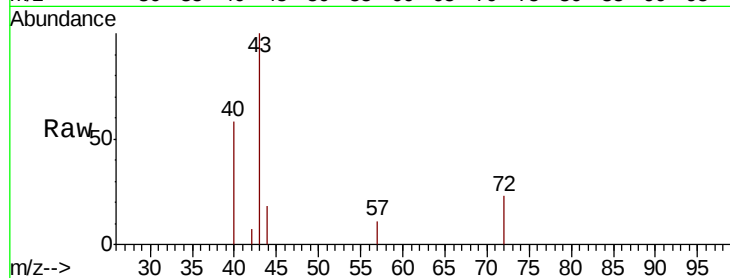




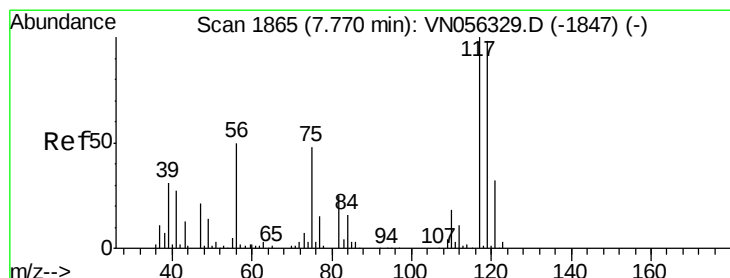
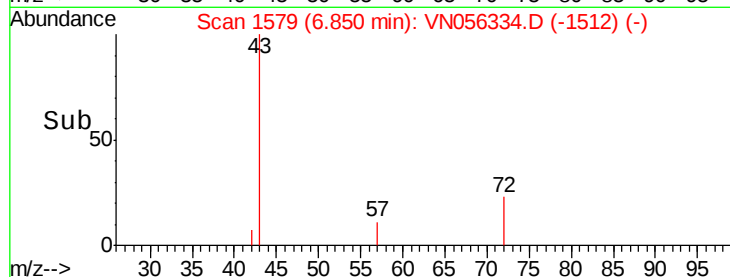
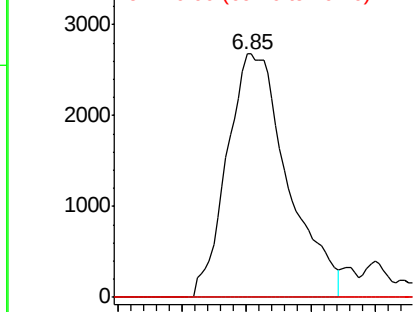
#37
Ethyl Acetate
Concen: 1.830 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 8791
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 8.3 12.5#

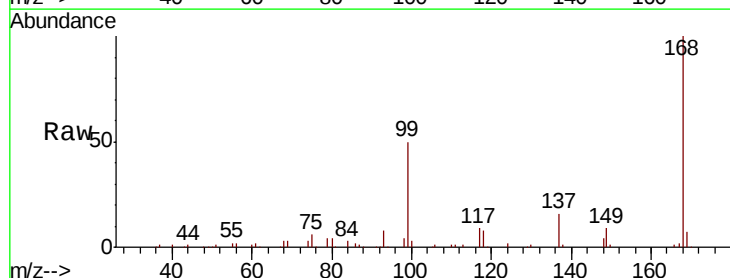


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

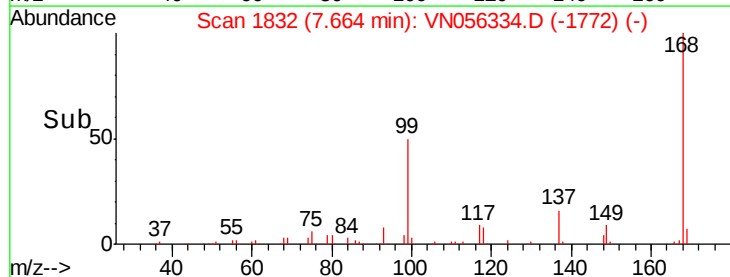
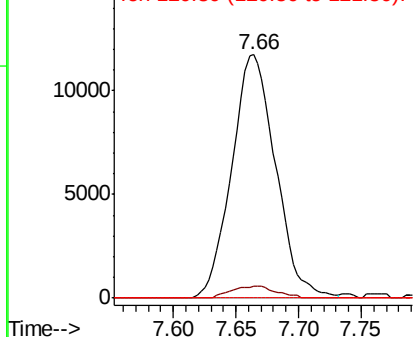


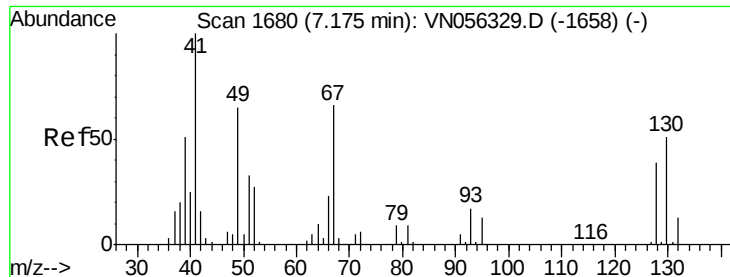
#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Tgt Ion: 117 Resp: 28591
Ion Ratio Lower Upper
117 100
119 4.7 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

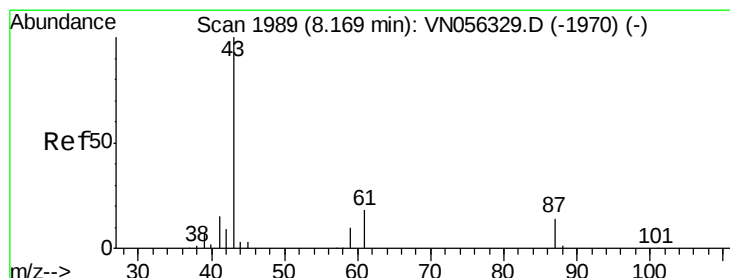
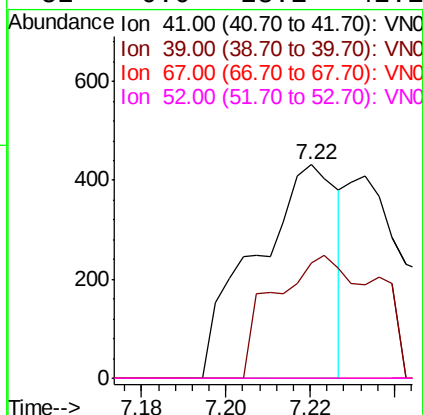
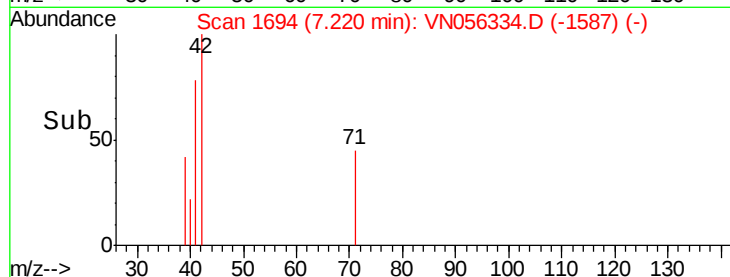
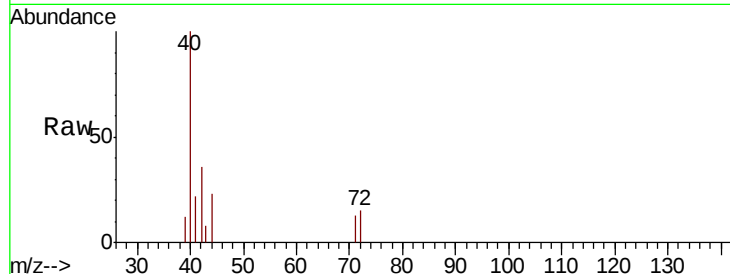




#41
Methacrylonitrile
Concen: 0.265 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.05 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

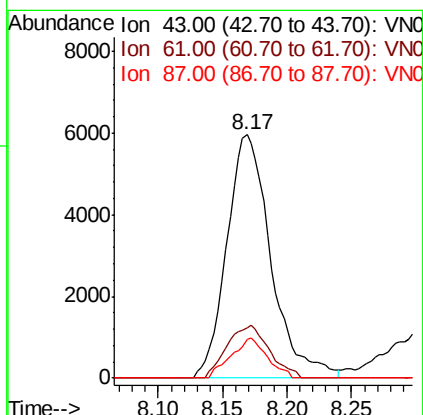
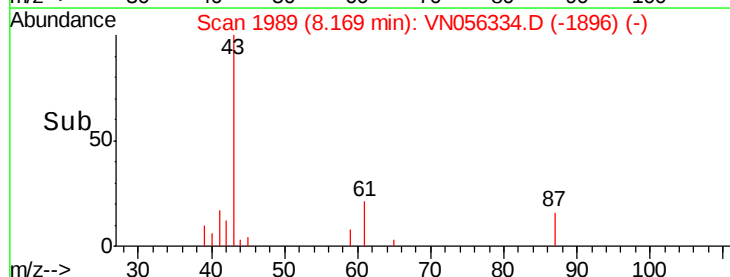
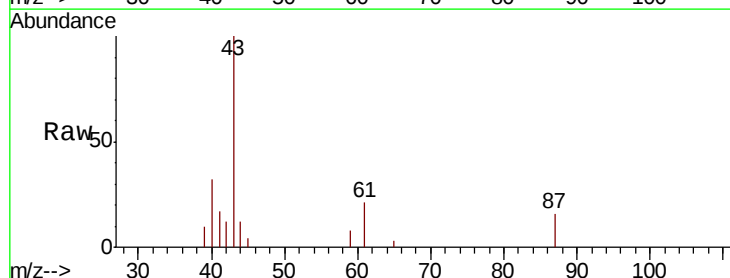
Instrument :
MSVOA_N
ClientSampleId :

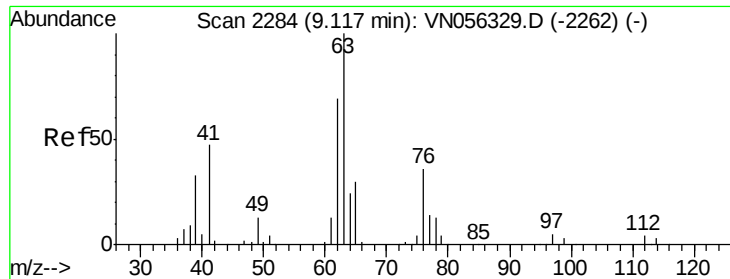
Tot Ion: 41 Resp: 585
Ion Ratio Lower Upper
41 100
39 72.1 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#



#43
Isopropyl Acetate
Concen: 1.843 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056334.D
Acq: 17 Jun 2019 12:48

Tgt Ion: 43 Resp: 14161
Ion Ratio Lower Upper
43 100
61 20.7 16.6 25.0
87 13.4 11.0 16.4

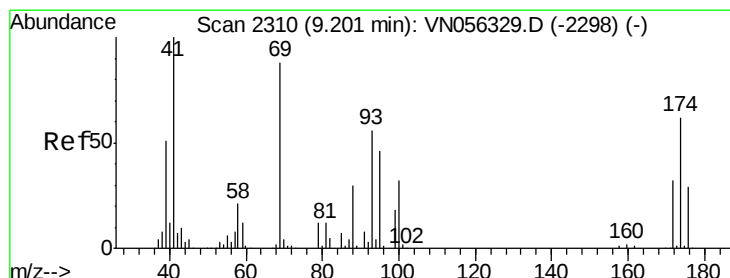
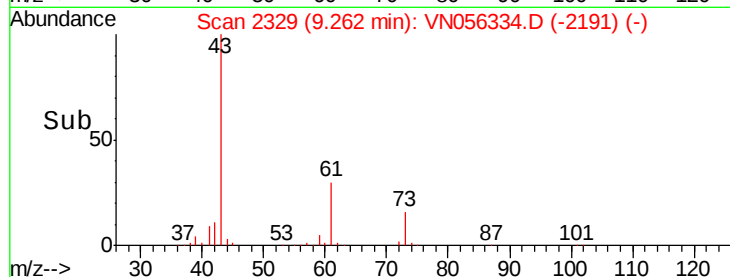
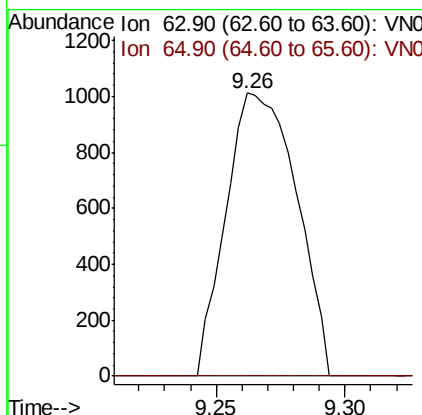
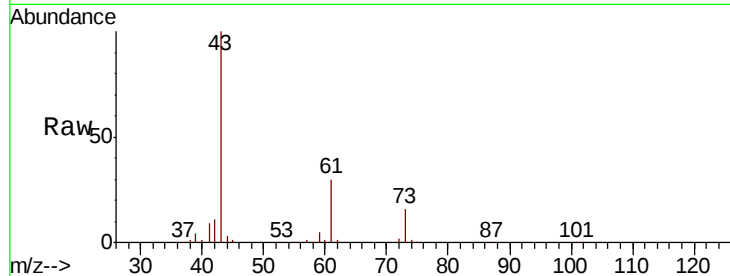




#45
 1,2-Dichloropropane
 Concen: 0.475 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.14 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

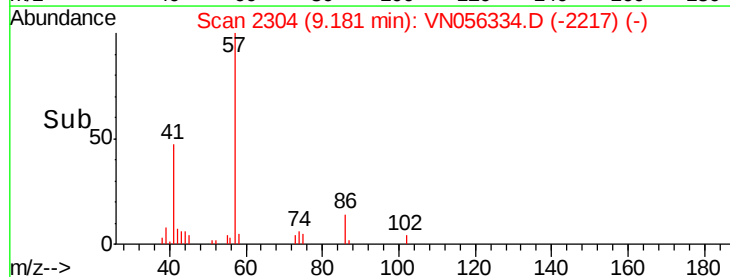
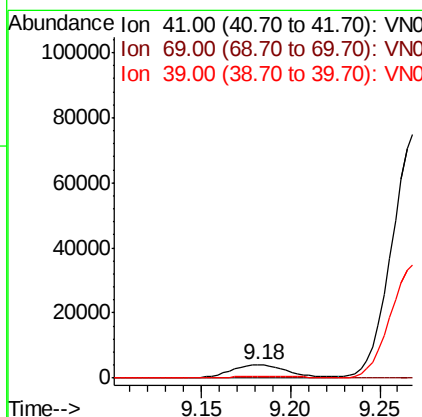
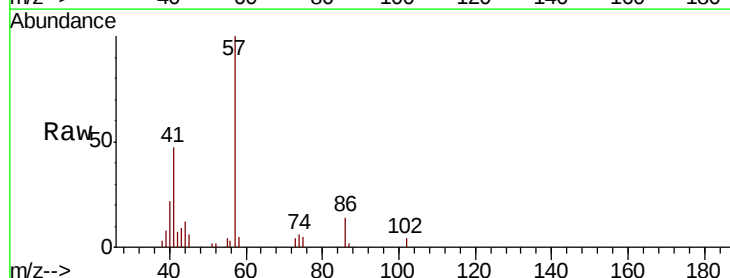
Instrument :
 MSVOA_N
 ClientSampleId :

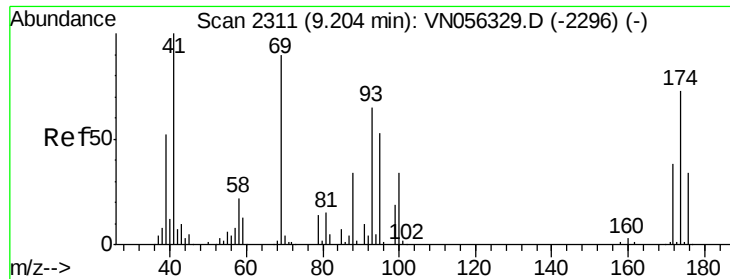
Tot Ion: 63 Resp: 1929
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 2.386 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Tgt Ion: 41 Resp: 9250
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 41.7 62.5#





#49

1,4-Dioxane

Concen: 0.371 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.06 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :
MSVOA_N
ClientSampled :

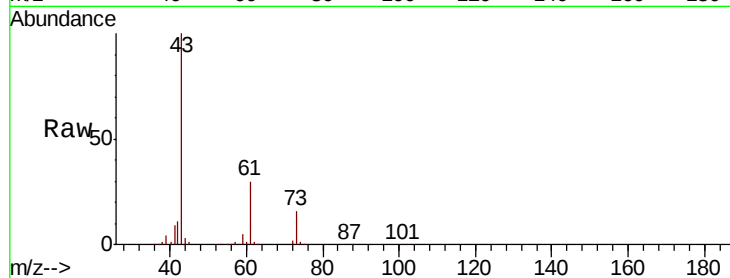
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

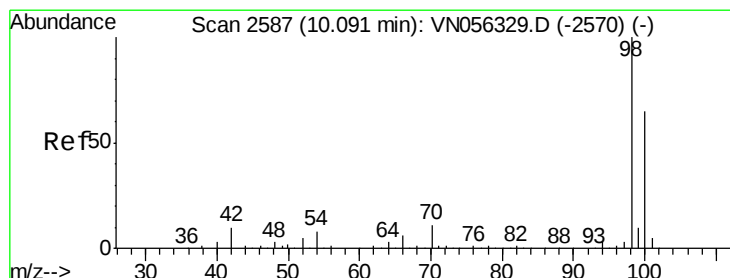
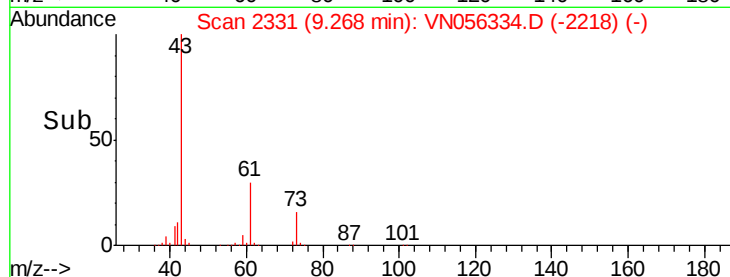
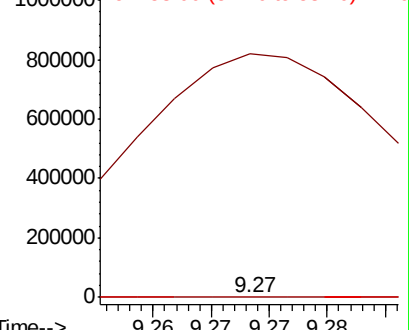
88 100

43 5237258.6 21.9 32.9#

58 23231.0 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: 51.885 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056334.D

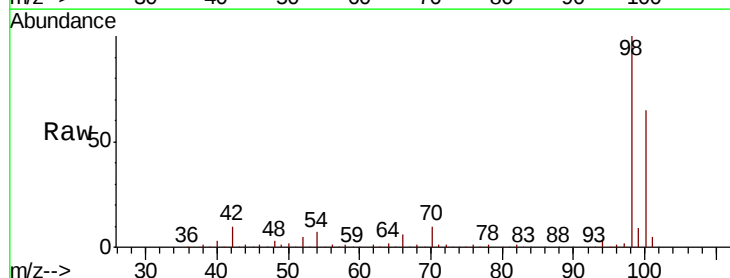
Acq: 17 Jun 2019 12:48

Tgt Ion: 98 Resp: 716047

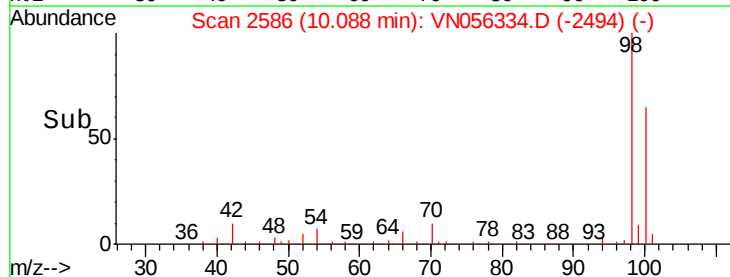
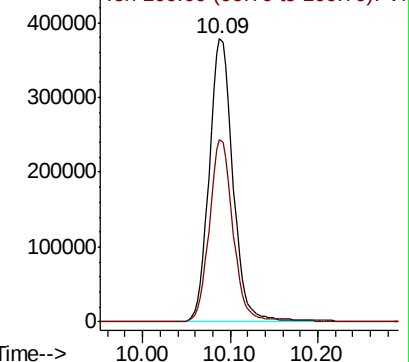
Ion Ratio Lower Upper

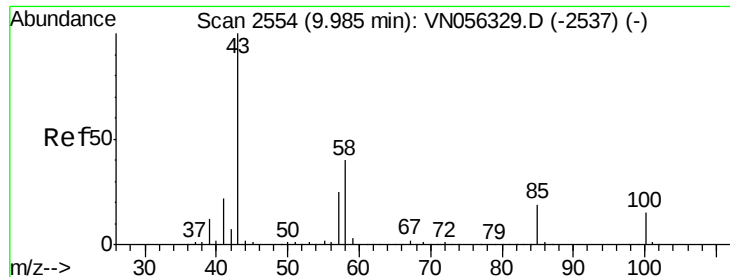
98 100

100 63.8 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: 1.163 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

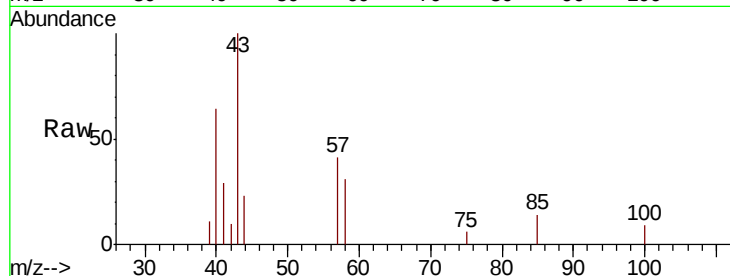
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 5696

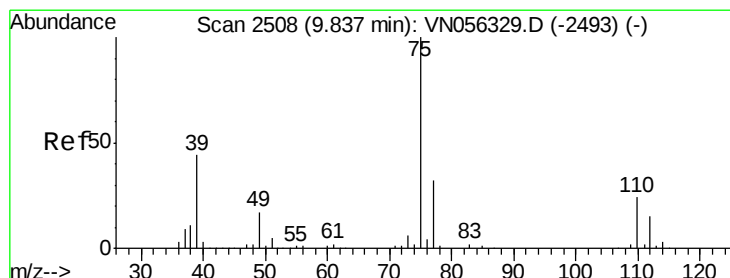
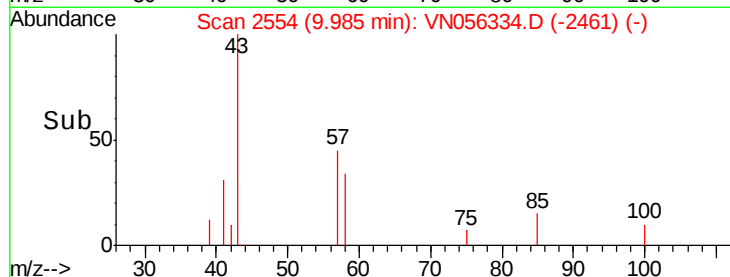
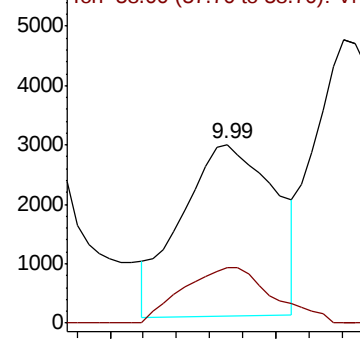
Ion Ratio Lower Upper

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: 9.769 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

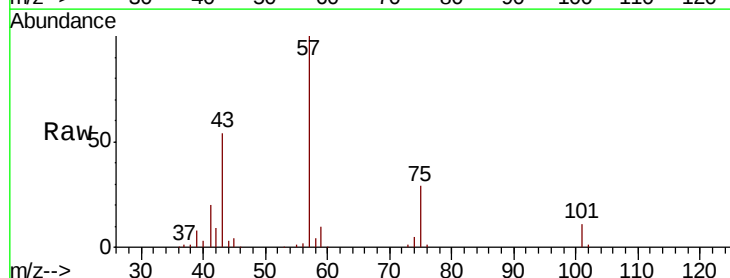
Tgt Ion: 75 Resp: 57728

Ion Ratio Lower Upper

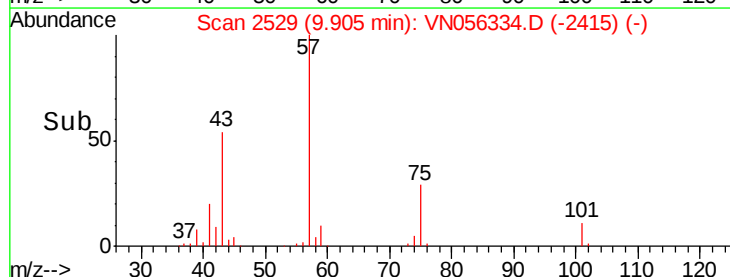
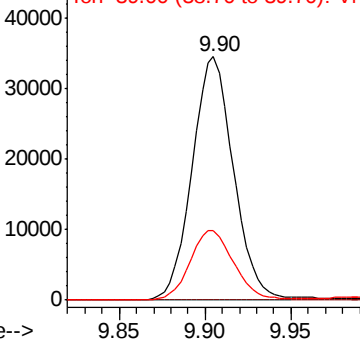
75 100

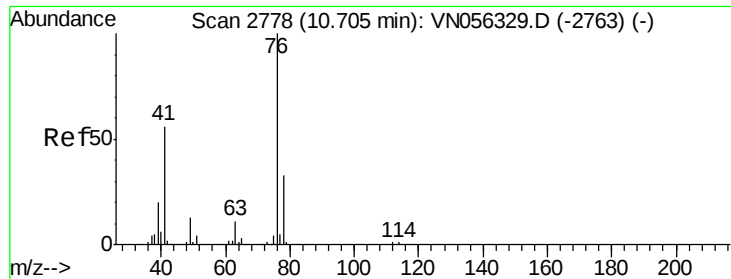
77 0.0 25.7 38.5#

39 28.5 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: 2.020 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

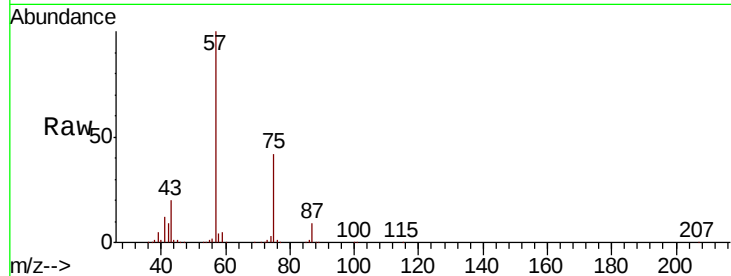
ClientSampleId :

Tot Ion: 76 Resp: 13127

Ion Ratio Lower Upper

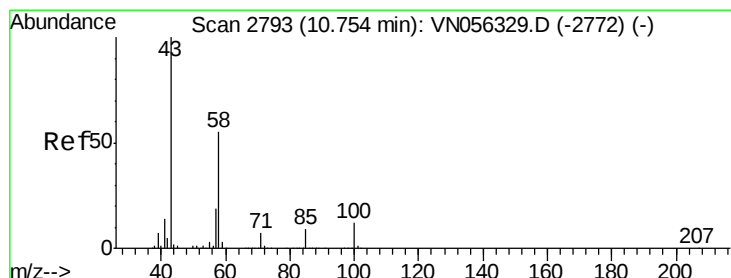
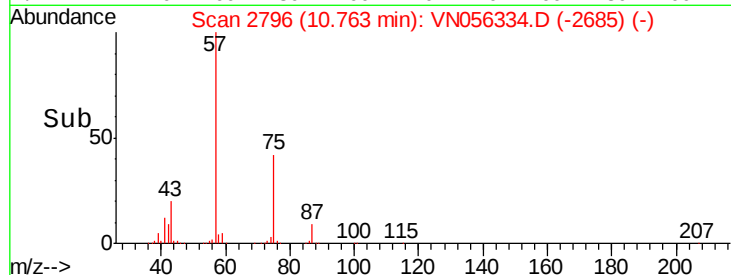
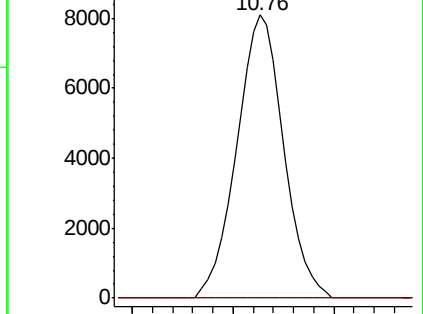
76 100

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: 49.999 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056334.D

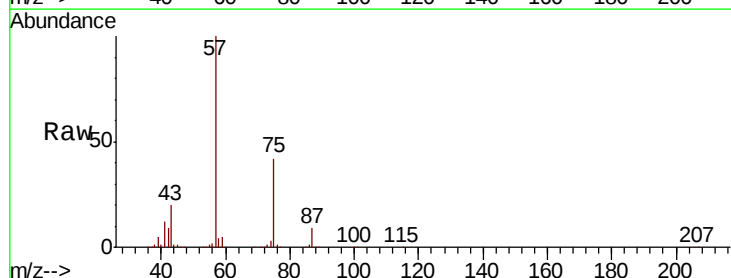
Acq: 17 Jun 2019 12:48

Tgt Ion: 43 Resp: 181620

Ion Ratio Lower Upper

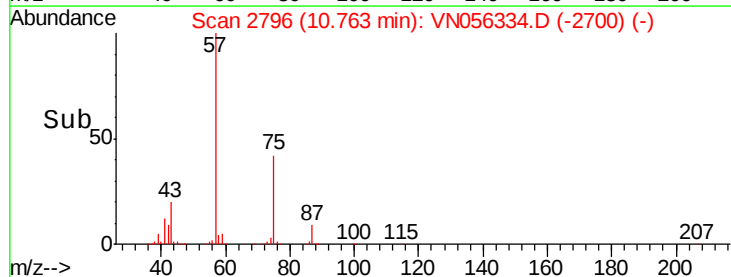
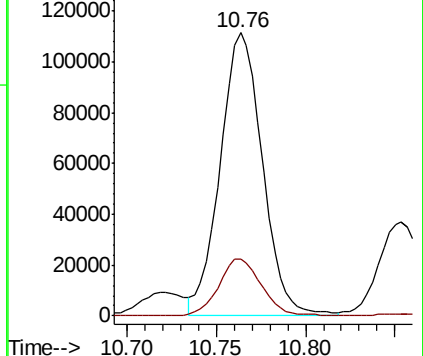
43 100

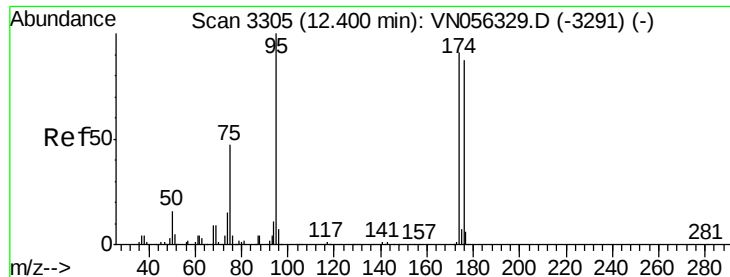
58 20.8 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.759 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

ClientSampleId :

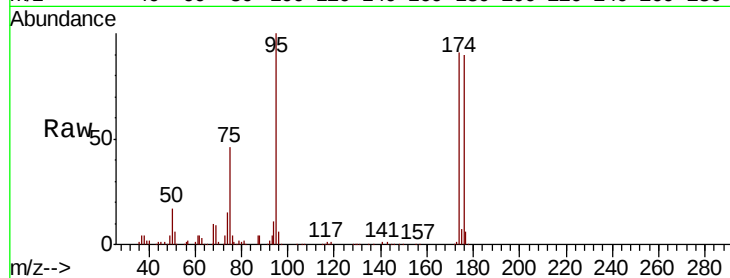
Tot Ion: 95 Resp: 227559

Ion Ratio Lower Upper

95 100

174 91.3 0.0 182.6

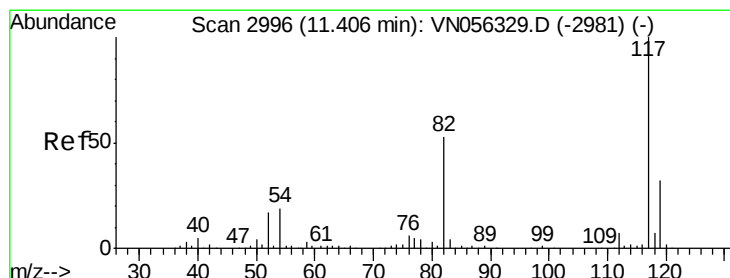
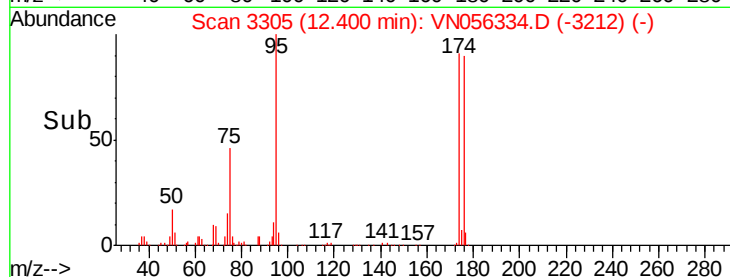
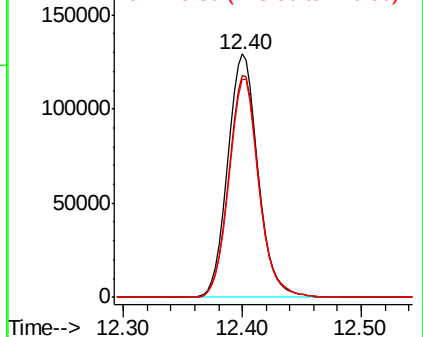
176 88.6 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

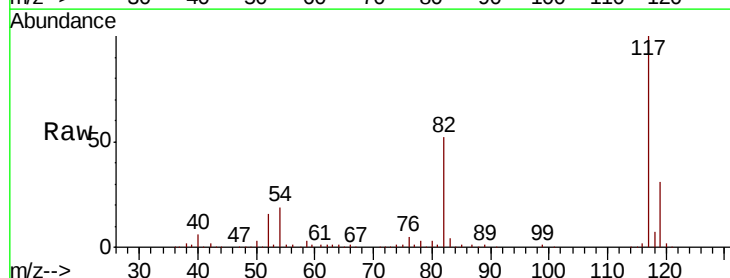
Tgt Ion: 117 Resp: 576313

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

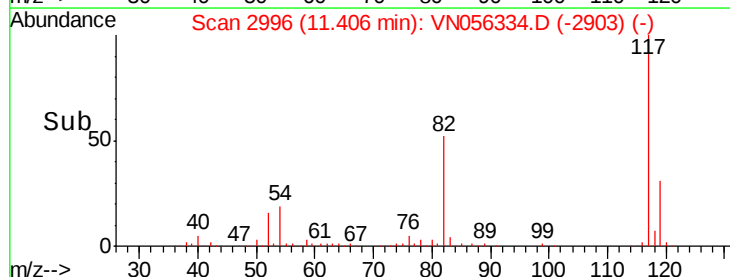
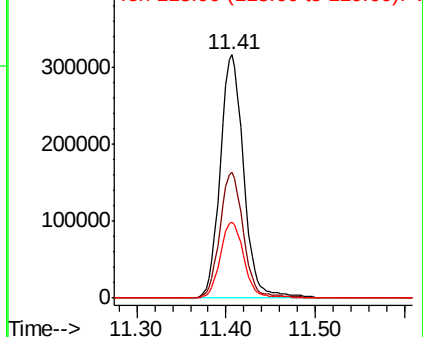
119 31.2 26.0 39.0

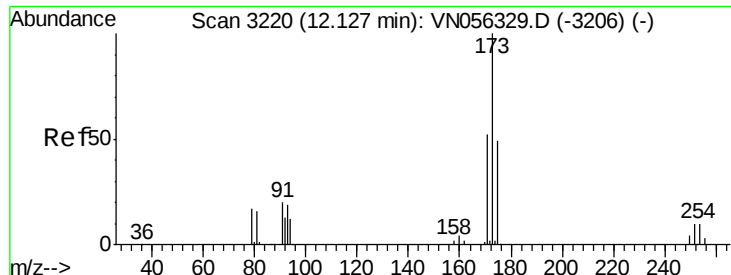


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.460 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

ClientSampleId :

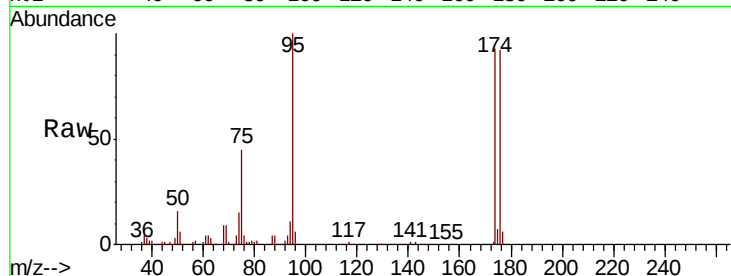
Tot Ion:173 Resp: 1562

Ion Ratio Lower Upper

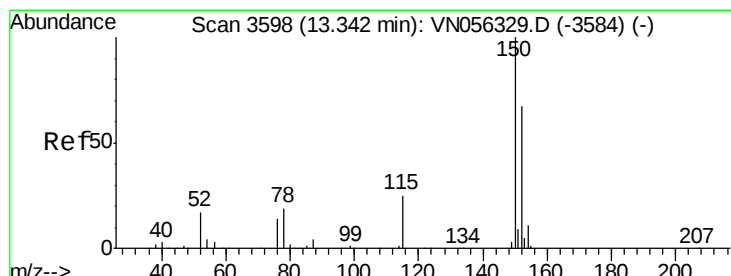
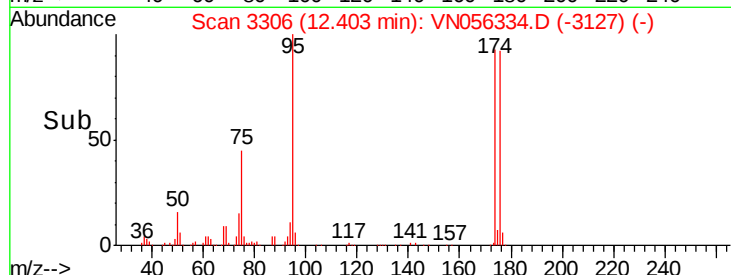
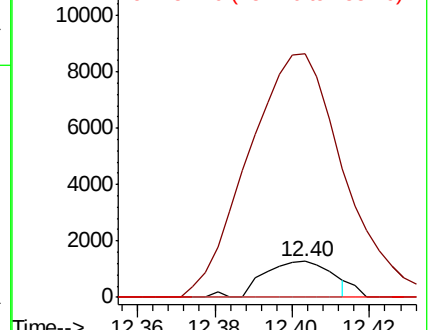
173 100

175 830.9 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: VN056334.D

Acq: 17 Jun 2019 12:48

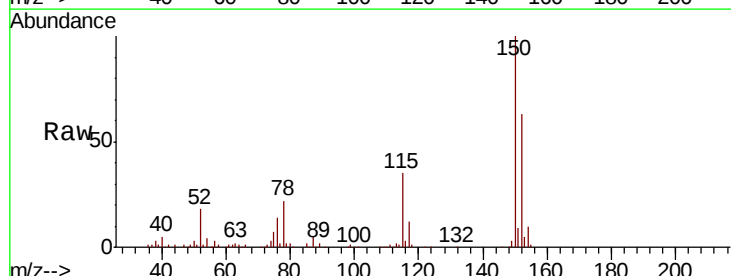
Tgt Ion:152 Resp: 166615

Ion Ratio Lower Upper

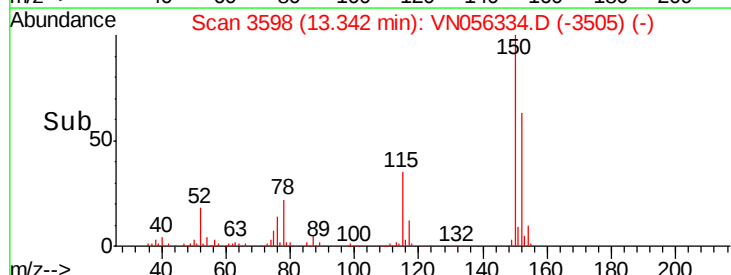
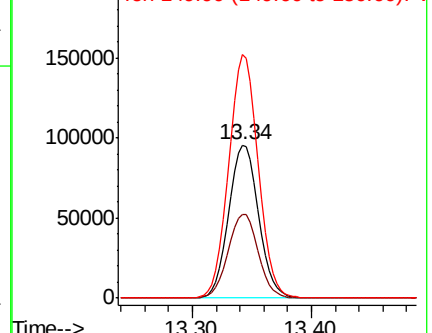
152 100

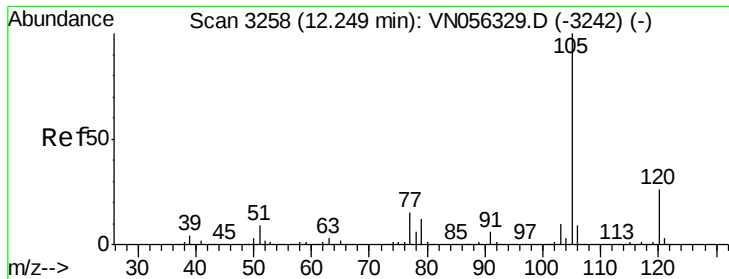
115 55.3 27.8 83.3

150 156.5 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# 3259

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

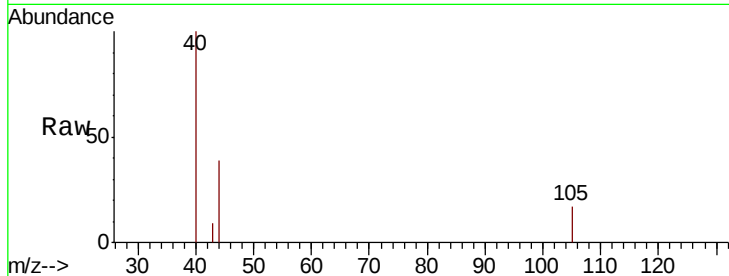
ClientSampleId :

Tot Ion: 105 Resp: 428

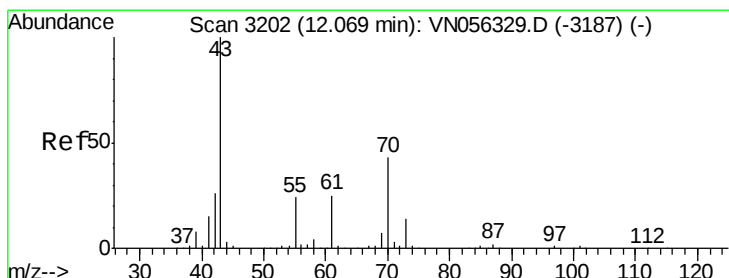
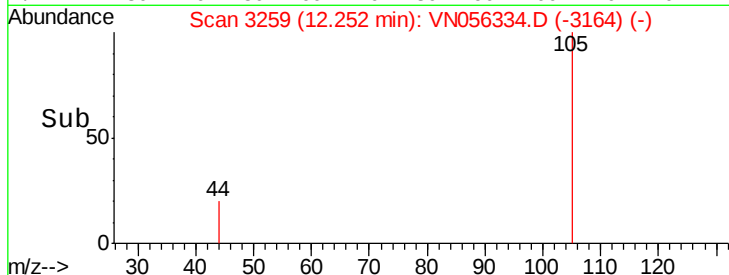
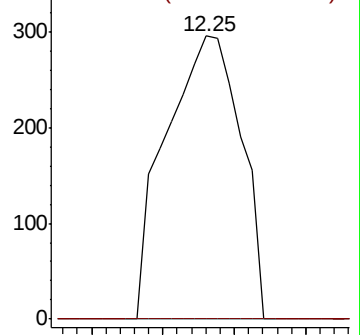
Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 0.214 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Tgt Ion: 43 Resp: 1118

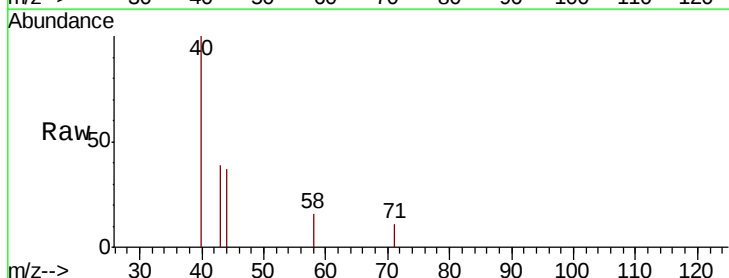
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 0.0 19.9 29.9#

61 0.0 19.7 29.5#

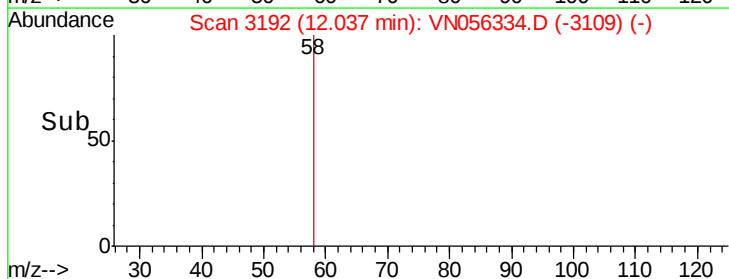
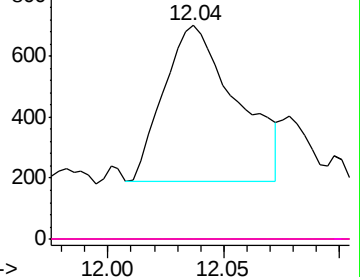


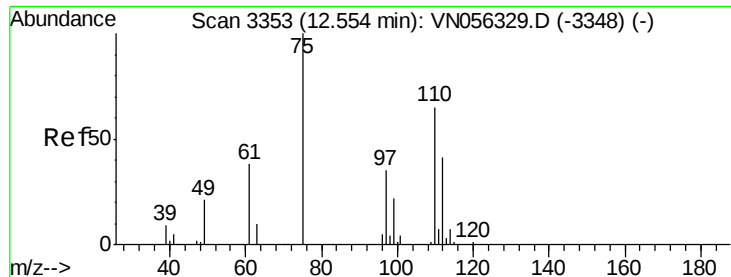
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 29.283 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

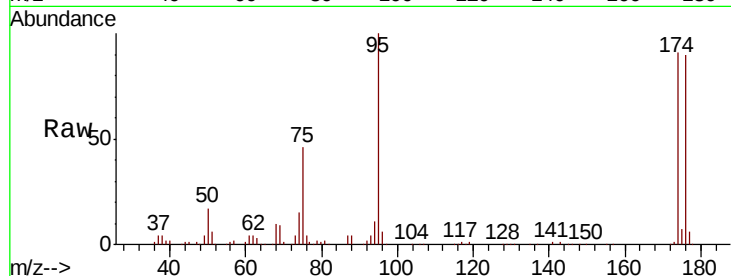
ClientSampled :

Tot Ion: 75 Resp: 104241

Ion Ratio Lower Upper

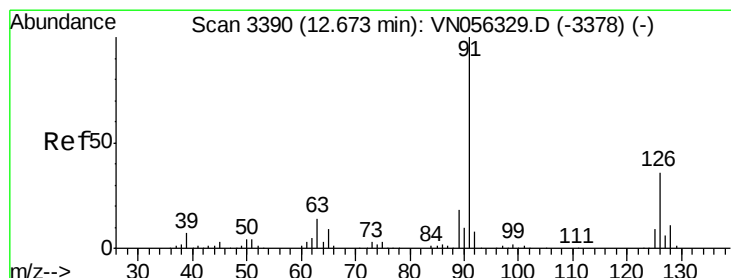
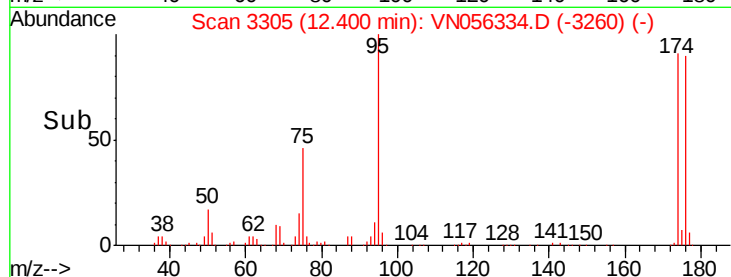
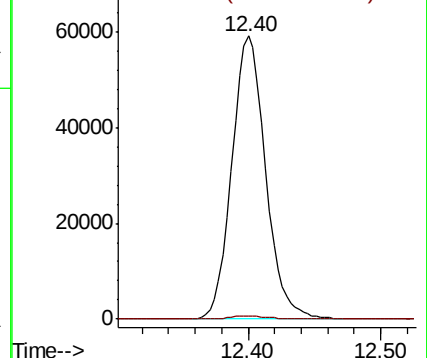
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056334.D

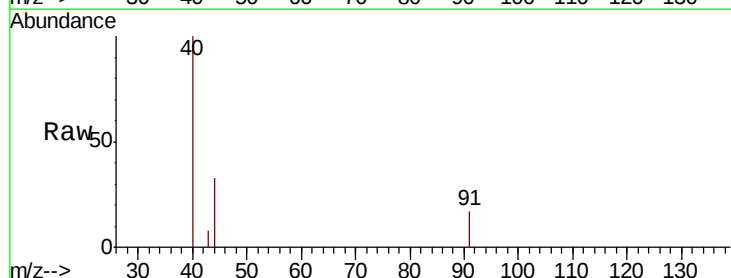
Acq: 17 Jun 2019 12:48

Tgt Ion: 91 Resp: 399

Ion Ratio Lower Upper

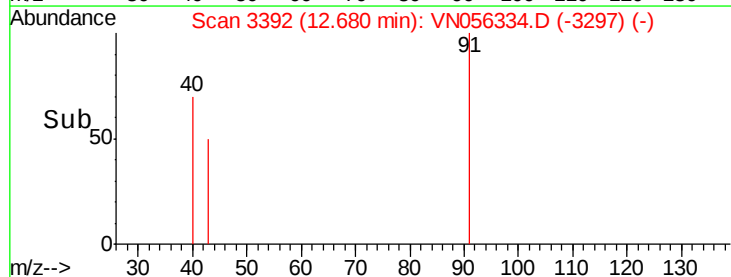
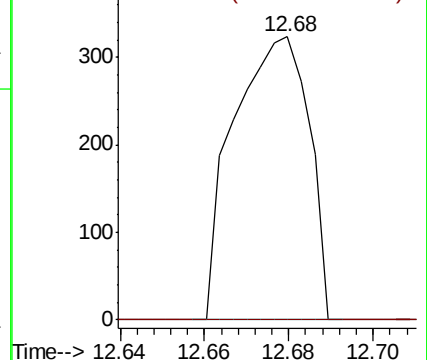
91 100

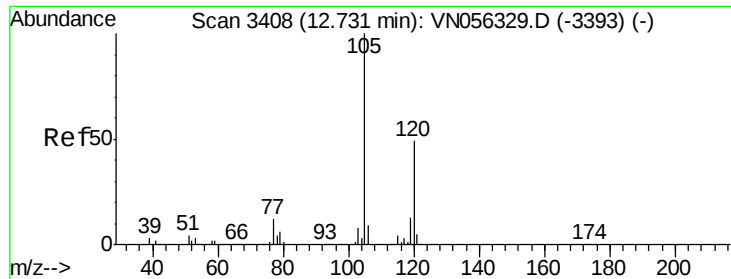
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

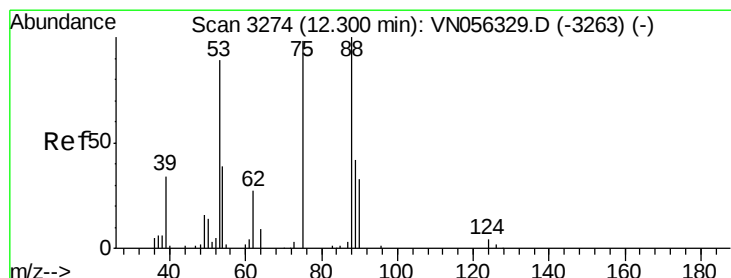
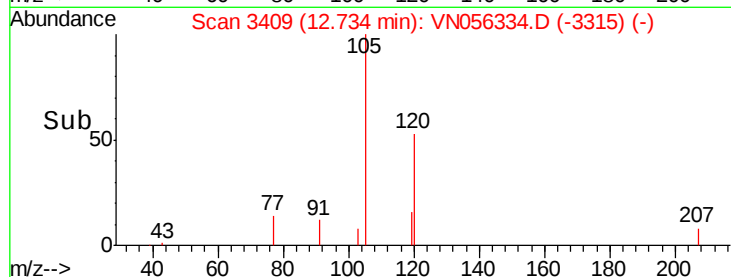
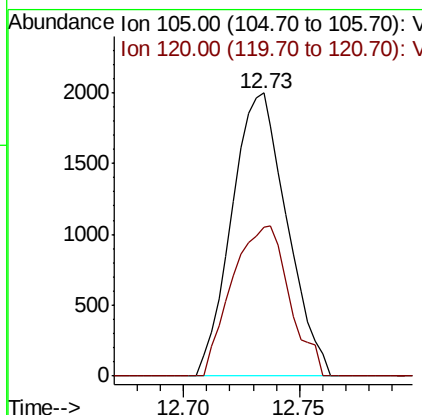
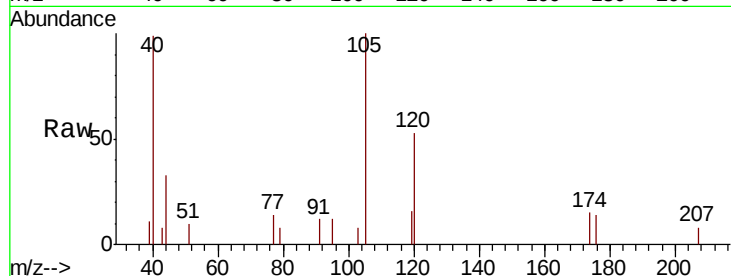




#80
 1,3,5-Trimethylbenzene
 Concen: 0.284 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

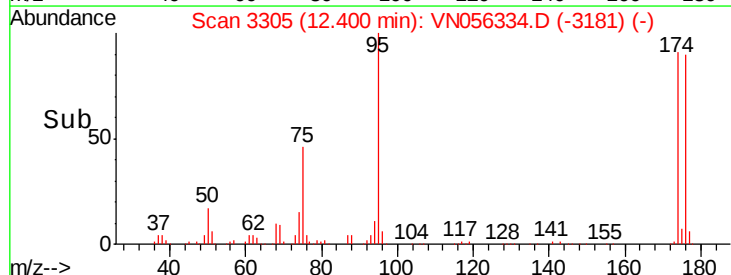
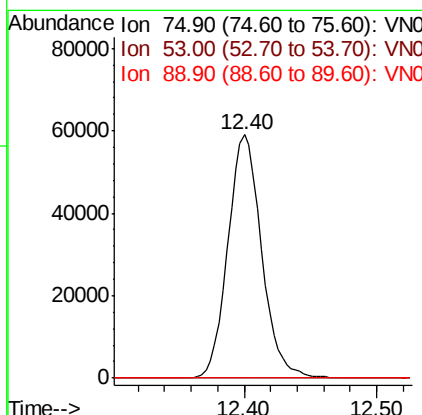
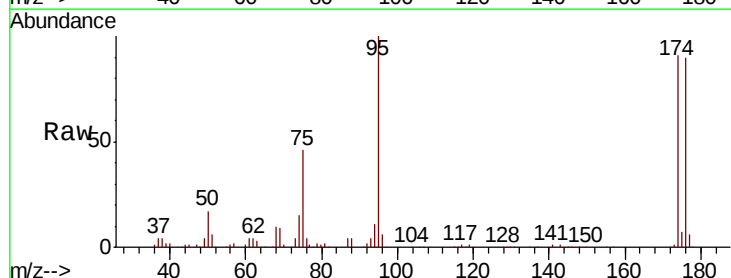
Instrument :
 MSVOA_N
 ClientSampled :

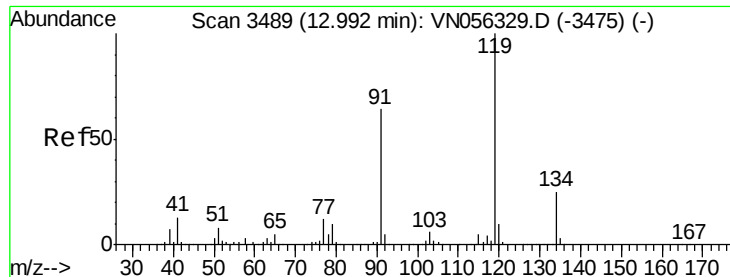
Tot Ion:105 Resp: 3297
 Ion Ratio Lower Upper
 105 100
 120 55.1 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.979 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Tgt Ion: 75 Resp: 104241
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.0 35.4 53.2#

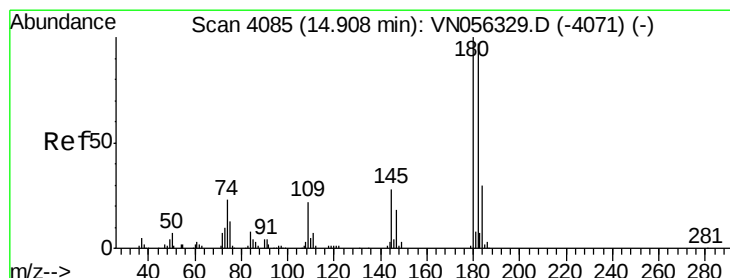
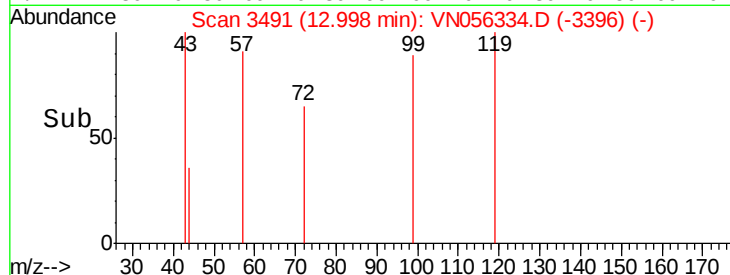
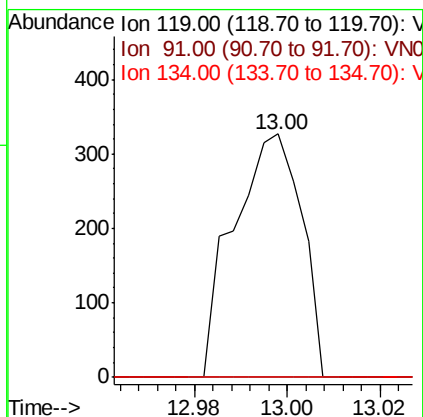
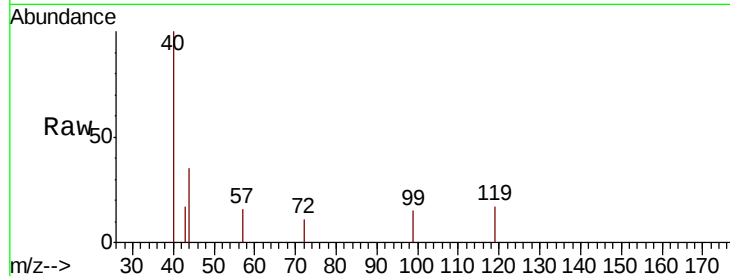




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

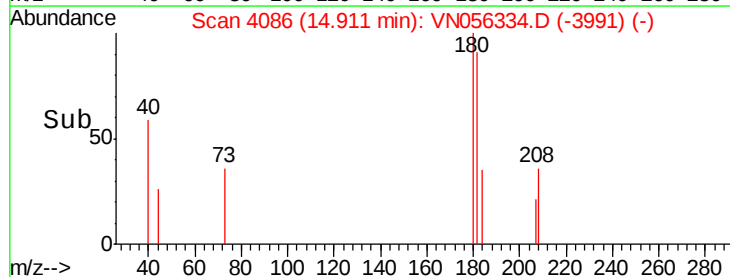
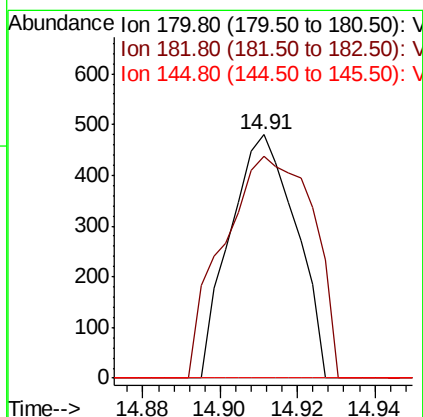
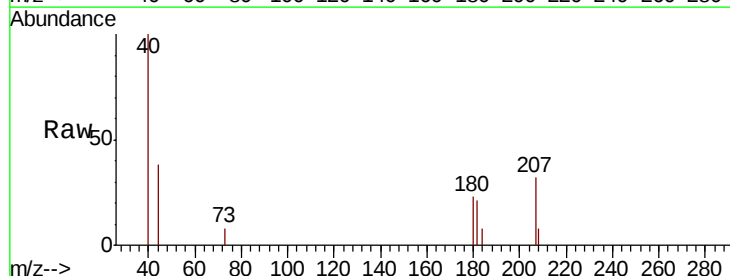
Instrument :
 MSVOA_N
 ClientSampleId :

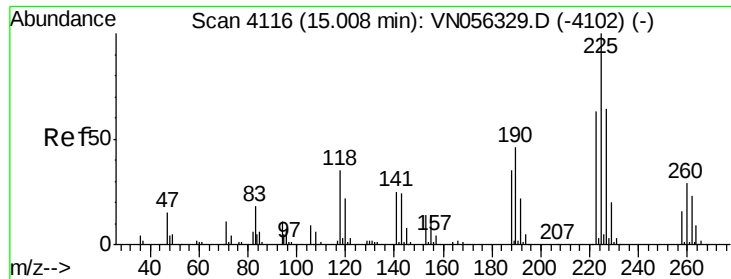
Tot Ion:119 Resp: 331
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.5 94.5#
 134 0.0 13.6 40.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.481 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Tgt Ion:180 Resp: 566
 Ion Ratio Lower Upper
 180 100
 182 124.6 47.4 142.3
 145 0.0 14.0 41.9#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

Instrument :

MSVOA_N

ClientSampleId :

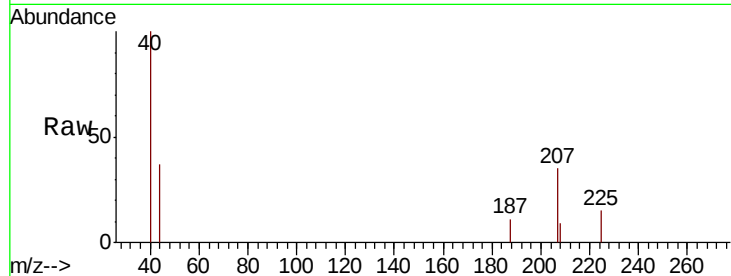
Tot Ion:225 Resp: 292

Ion Ratio Lower Upper

225 100

223 0.0 31.2 93.6#

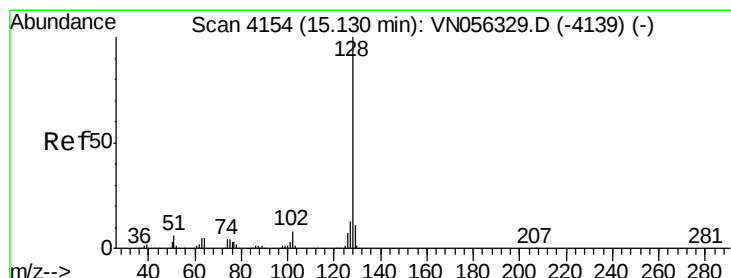
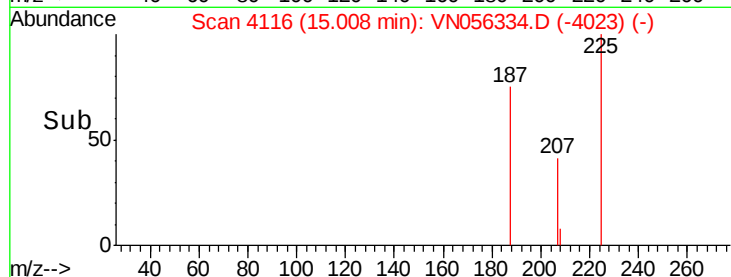
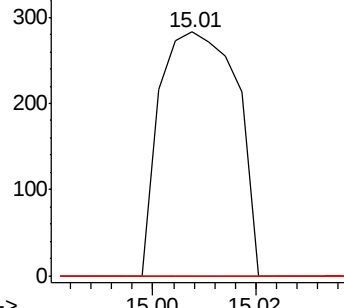
227 0.0 31.7 95.1#



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: 4.863 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056334.D

Acq: 17 Jun 2019 12:48

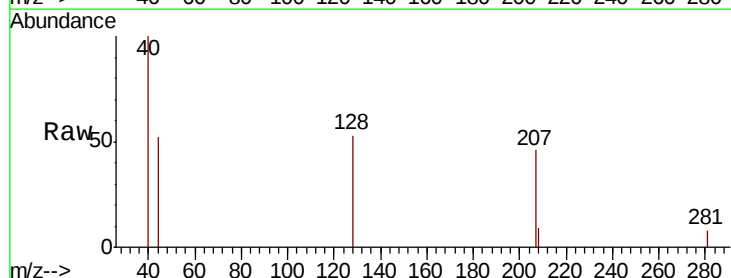
Tgt Ion:128 Resp: 1703

Ion Ratio Lower Upper

128 100

127 1.7 10.6 15.8#

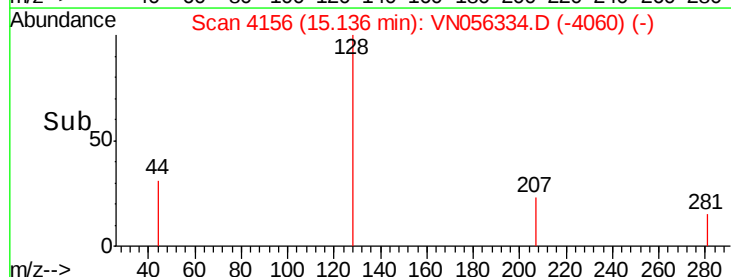
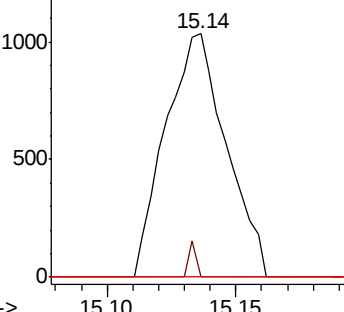
129 0.0 8.6 12.8#

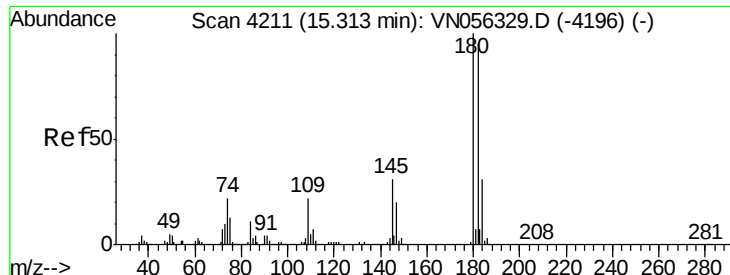


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.075 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056334.D
 Acq: 17 Jun 2019 12:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.1	141.4
145	0.0	14.9	44.9#

