

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056340.D
 Acq On : 17 Jun 2019 15:10
 Operator : JC/SP
 Sample : K3392-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:35:24 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	342134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	574031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196806	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	7.59	113	170464	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	10.09	98	718553	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	238538	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.82	59	6461	10.673	ug/l #	81
13) Acrolein	3.60	56	1039	9.099	ug/l #	83
14) Allyl chloride	4.28	41	2039	0.383	ug/l #	50
15) Acrylonitrile	5.01	53	2540	1.468	ug/l #	72
16) Acetone	3.82	43	57128	26.875	ug/l	99
18) Methyl Acetate	4.33	43	11730	1.433	ug/l	91
20) Methylene Chloride	4.54	84	5238	1.395	ug/l	96
25) 2-Butanone	6.85	43	9418	3.655	ug/l	93
29) Tetrahydrofuran	7.23	42	1028	0.672	ug/l #	71
31) Cyclohexane	7.66	56	5911	0.997	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21459	4.154	ug/l #	48
37) Ethyl Acetate	6.85	43	9418	1.924	ug/l #	68
38) Carbon Tetrachloride	7.66	117	28386	5.725	ug/l #	17
40) Benzene	8.04	78	5620	0.359	ug/l	94
41) Methacrylonitrile	7.23	41	712	0.317	ug/l #	26
43) Isopropyl Acetate	8.17	43	12479	1.594	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1483	0.358	ug/l #	44
48) Methyl methacrylate	9.18	41	11781	2.982	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	13556	2.716	ug/l	100
52) Toluene	10.16	92	15571	1.628	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	44563	7.401	ug/l #	63
57) 1,3-Dichloropropane	10.77	76	8512	1.286	ug/l #	42
59) 2-Hexanone	10.76	43	119744	32.351	ug/l #	52
68) m/p-Xylenes	11.63	106	1516	0.202	ug/l	84
71) Bromoform	12.40	173	1756	0.517	ug/l #	1
73) Isopropylbenzene	12.25	105	582	Below Cal		90
74) N-amyl acetate	12.03	43	4965	0.875	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.52	83	1331	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	110819	28.735	ug/l #	100
79) 2-Chlorotoluene	12.78	91	581	Below Cal		80
81) trans-1,4-Dichloro-2-buten	12.40	75	110819	89.276	ug/l #	13
83) tert-Butylbenzene	12.99	119	264	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	3717	0.317	ug/l	95
86) p-Isopropyltoluene	13.29	119	4104	0.337	ug/l	96

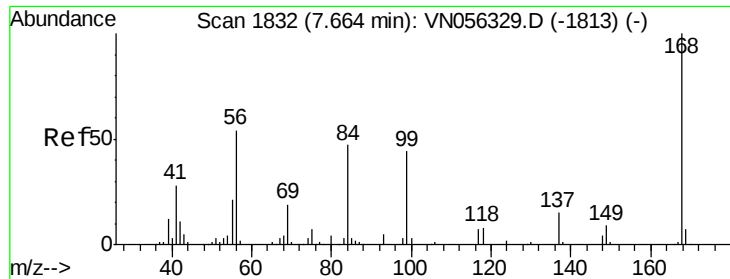
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
Data File : VN056340.D
Acq On : 17 Jun 2019 15:10
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.00	117	993	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	14.90	180	464	5.439	ug/l	87
94) Hexachlorobutadiene	15.02	225	103	Below Cal	#	19
95) Naphthalene	15.13	128	3144	5.006	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	460	3.933	ug/l #	51

(#) = 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: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

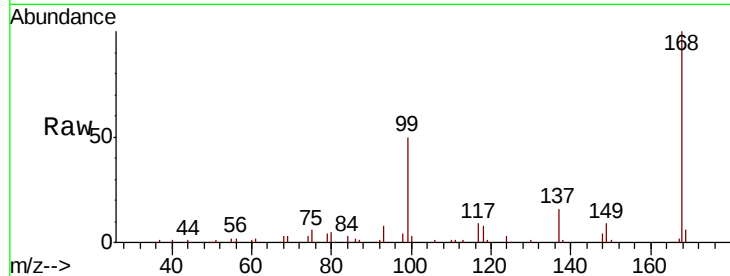
ClientSampled :

Tot Ion:168 Resp: 342134

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN056340.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056340.D (-1739) (-)

7.66

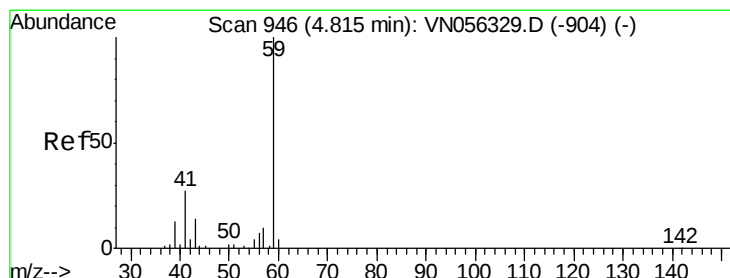
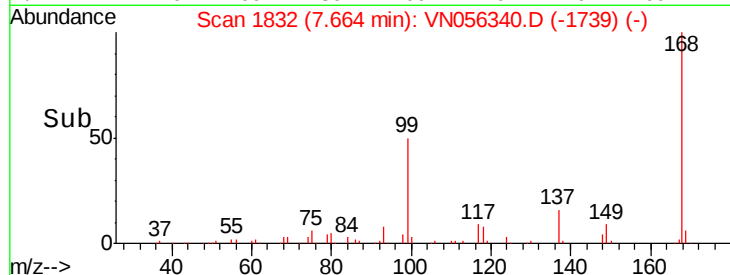
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.673 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.00 min

Lab File: VN056340.D

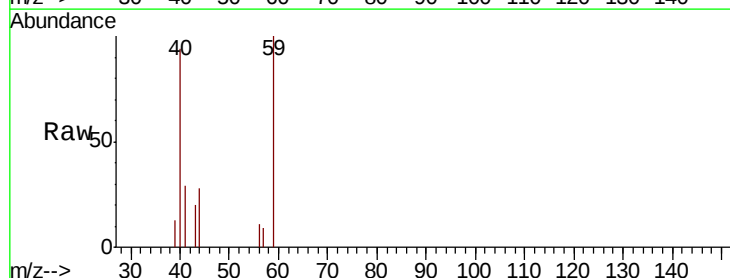
Acq: 17 Jun 2019 15:10

Tgt Ion: 59 Resp: 6461

Ion Ratio Lower Upper

59 100

57 2.6 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VN056340.D (-853) (-)

Ion 57.00 (56.70 to 57.70): VN056340.D (-853) (-)

4.82

2000

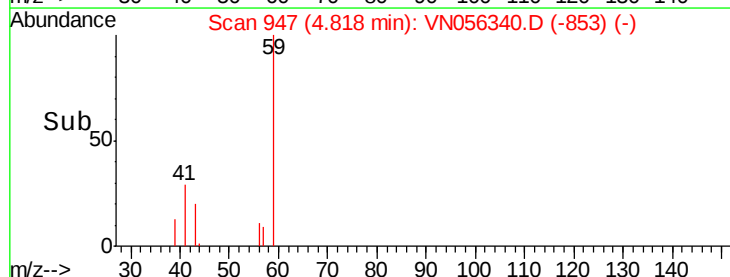
1500

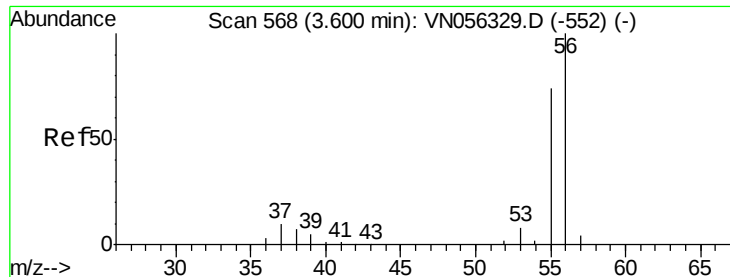
1000

500

0

Time-->





#13

Acrolein

Concen: 9.099 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

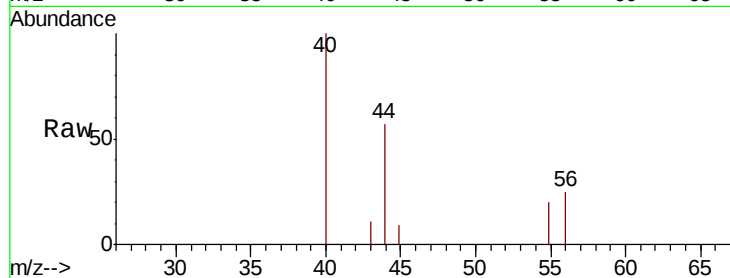
ClientSampled :

Tot Ion: 56 Resp: 1039

Ion Ratio Lower Upper

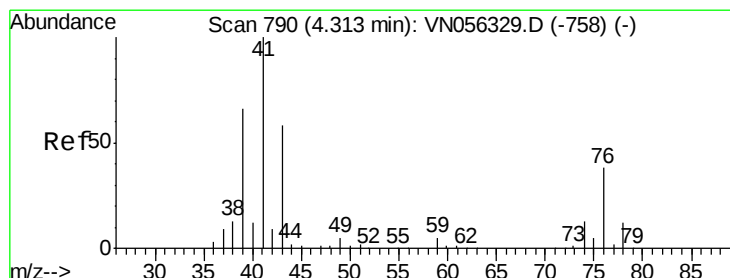
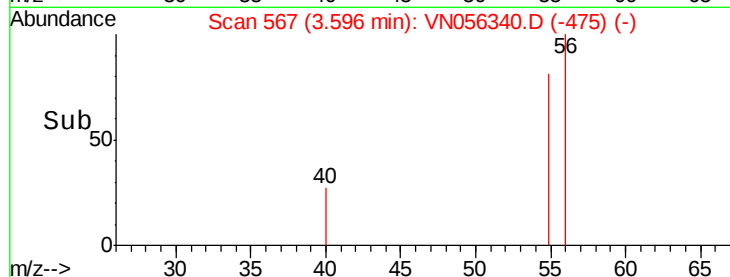
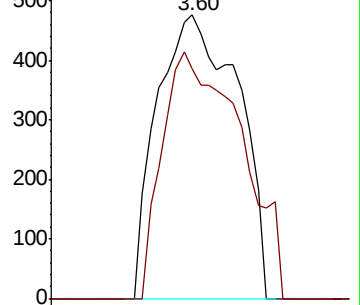
56 100

55 84.9 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.383 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.04 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

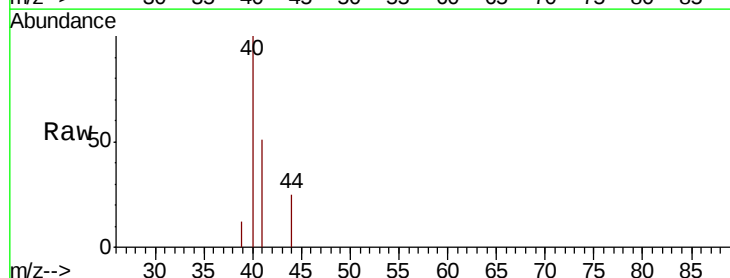
Tgt Ion: 41 Resp: 2039

Ion Ratio Lower Upper

41 100

39 26.7 48.9 73.3#

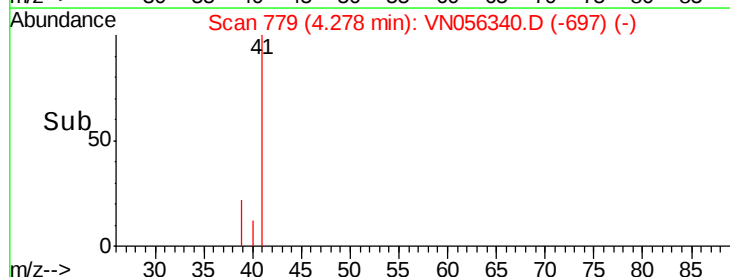
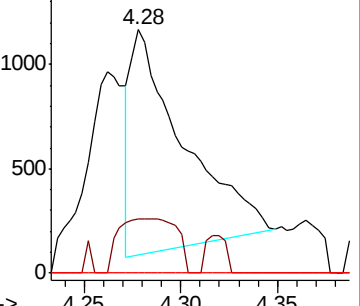
76 0.0 27.2 40.8#

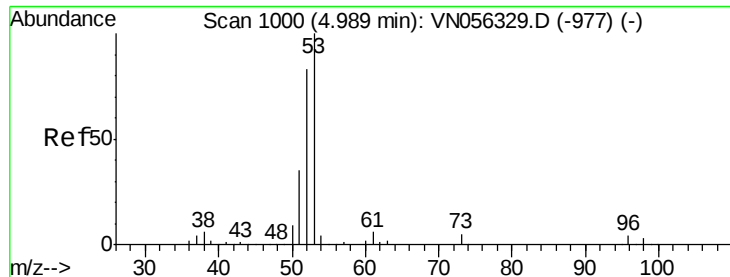


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 1.468 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.02 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

ClientSampled :

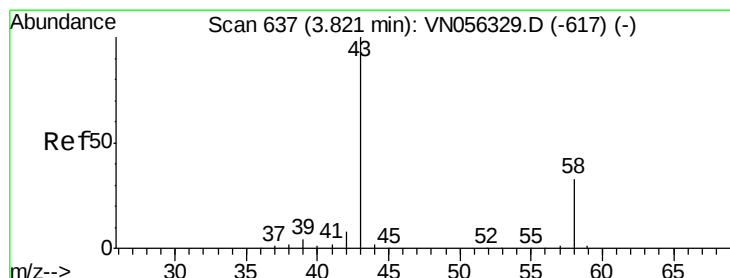
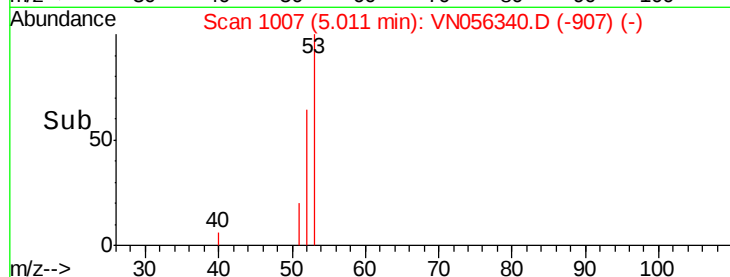
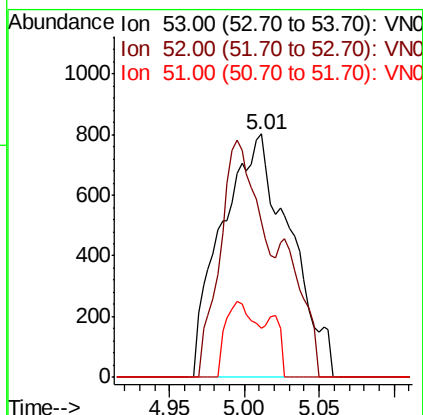
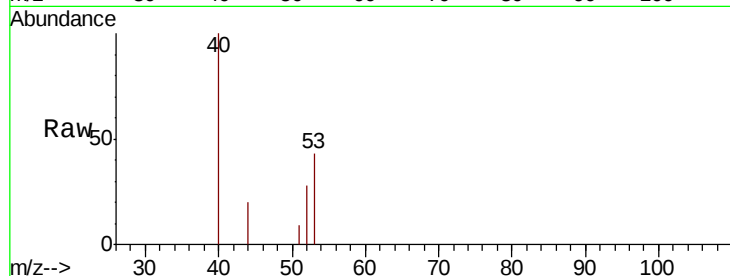
Tot Ion: 53 Resp: 2540

Ion Ratio Lower Upper

53 100

52 60.8 65.4 98.2#

51 13.7 28.5 42.7#



#16

Acetone

Concen: 26.875 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN056340.D

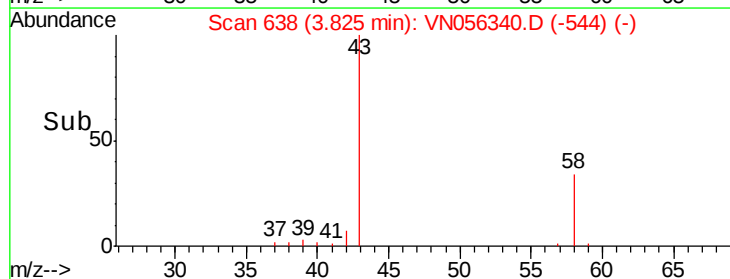
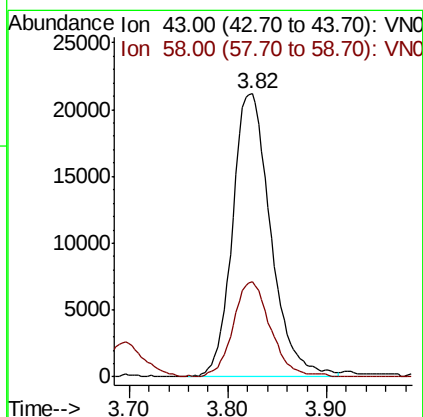
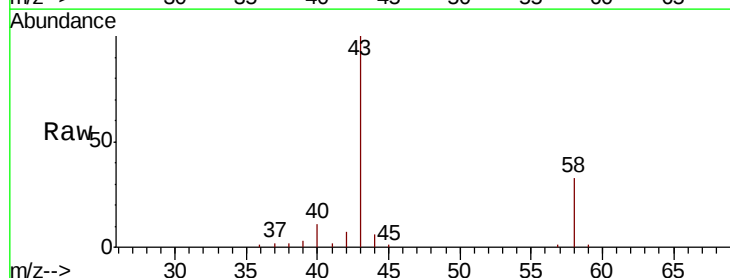
Acq: 17 Jun 2019 15:10

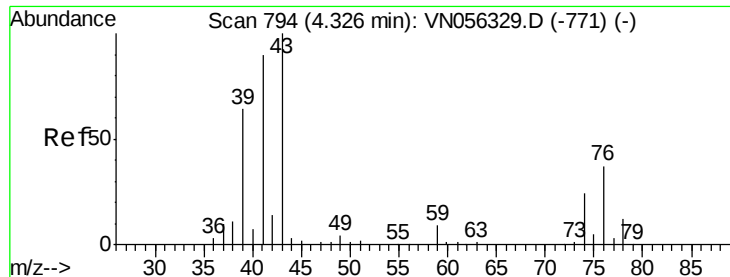
Tgt Ion: 43 Resp: 57128

Ion Ratio Lower Upper

43 100

58 33.5 26.5 39.7

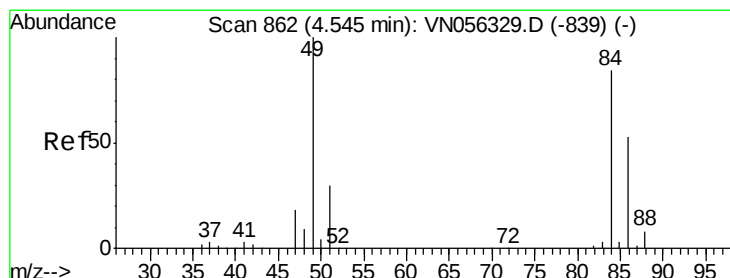
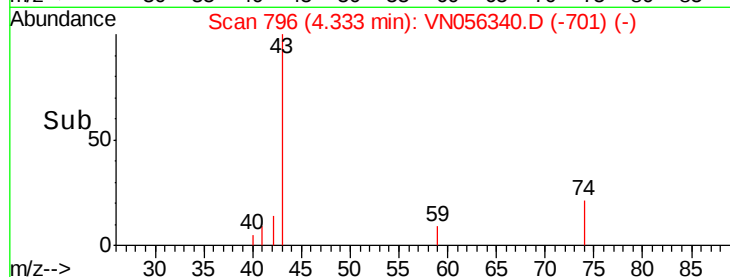
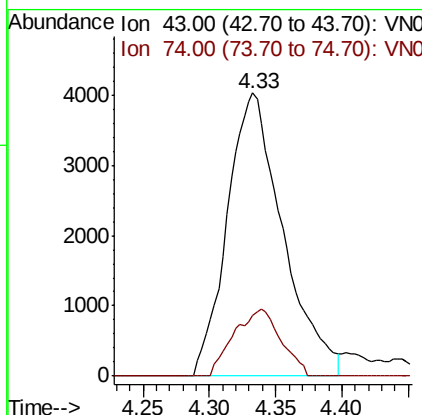
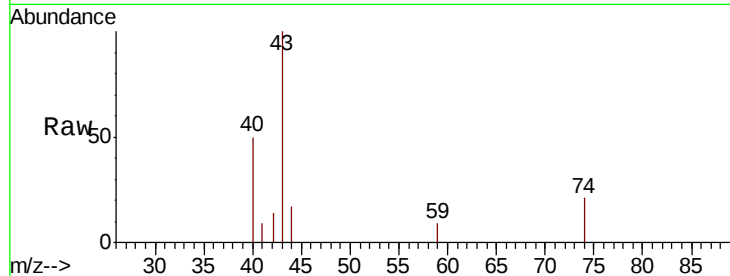




#18
Methyl Acetate
Concen: 1.433 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

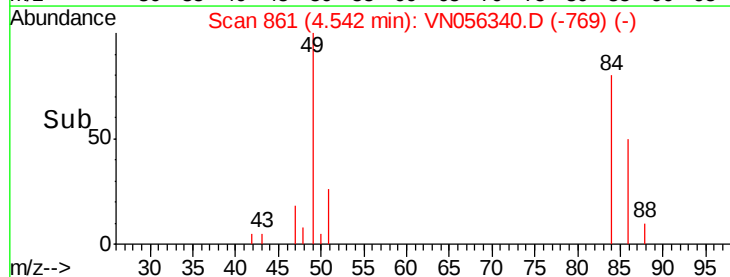
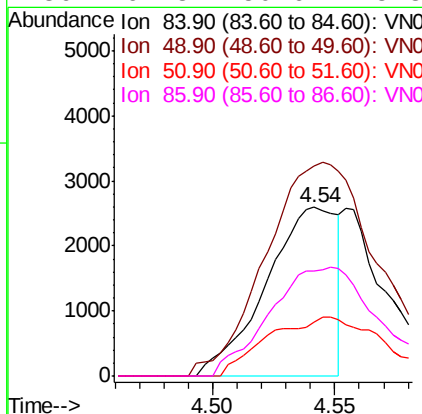
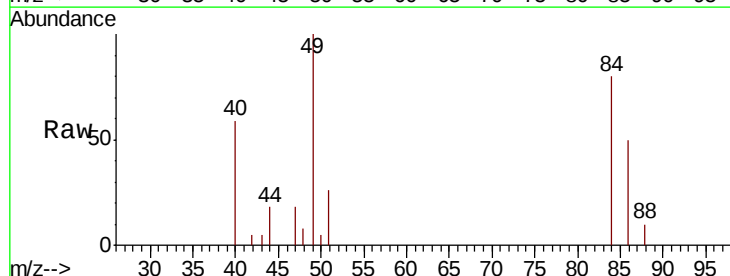
Instrument :
MSVOA_N
ClientSampleId :

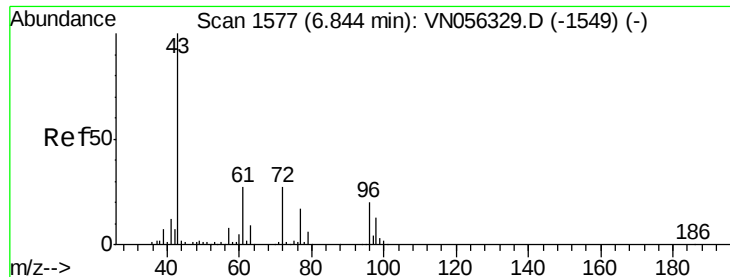
Tot Ion: 43 Resp: 11730
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2



#20
Methylene Chloride
Concen: 1.395 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion: 84 Resp: 5238
Ion Ratio Lower Upper
84 100
49 124.3 95.0 142.6
51 32.0 28.2 42.4
86 61.8 50.6 75.8





#25

2-Butanone

Concen: 3.655 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

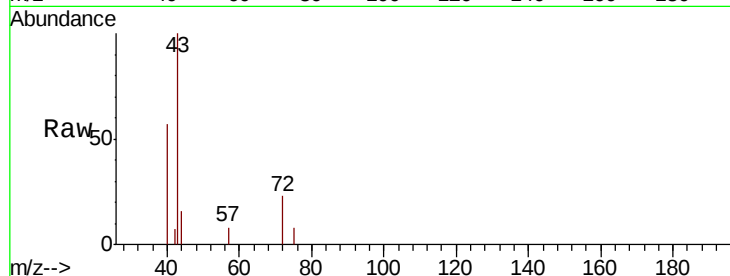
ClientSampled :

Tot Ion: 43 Resp: 9418

Ion Ratio Lower Upper

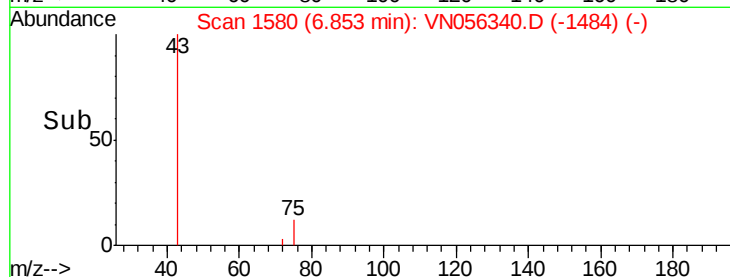
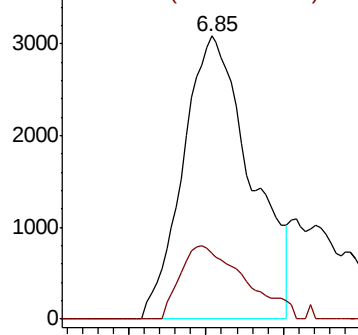
43 100

72 23.4 21.4 32.2

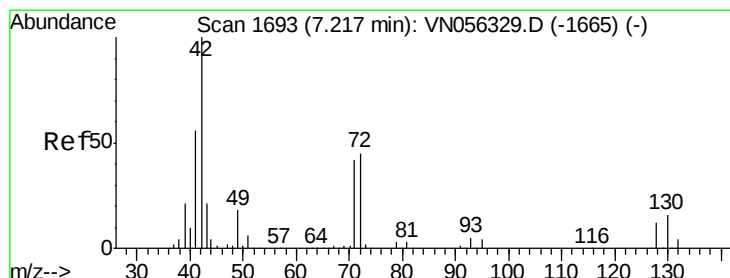


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#29

Tetrahydrofuran

Concen: 0.672 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

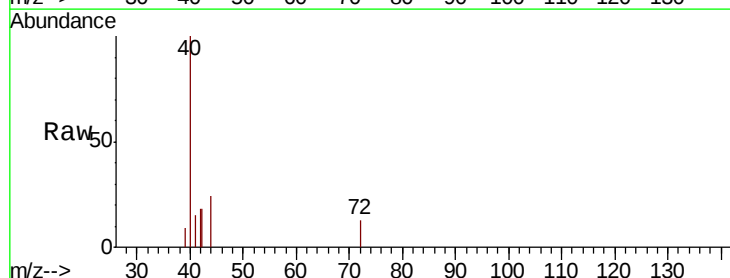
Tgt Ion: 42 Resp: 1028

Ion Ratio Lower Upper

42 100

72 41.2 35.3 52.9

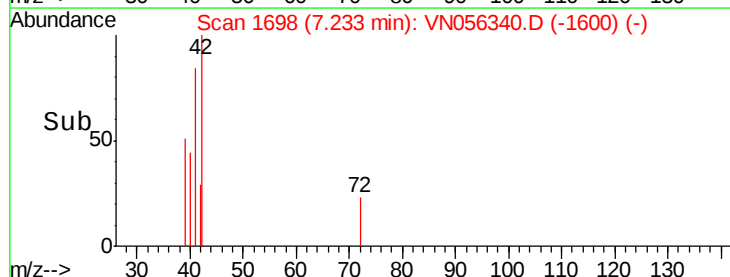
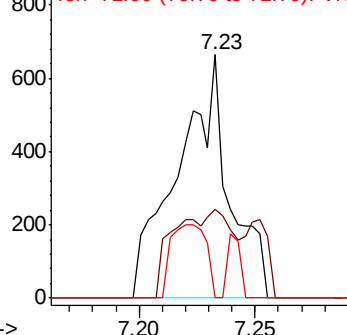
71 6.2 32.7 49.1#



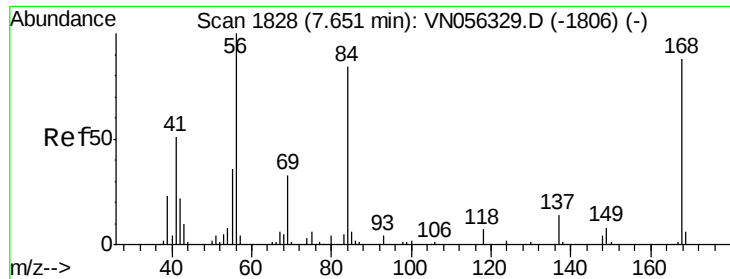
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



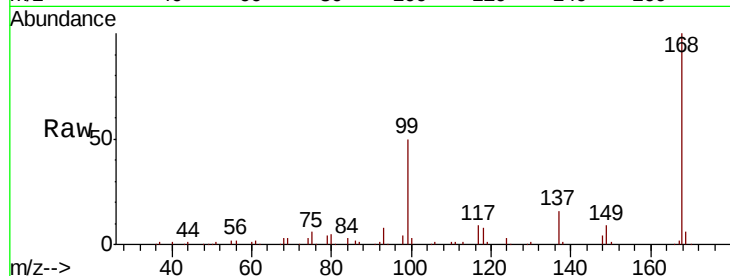
Time-->



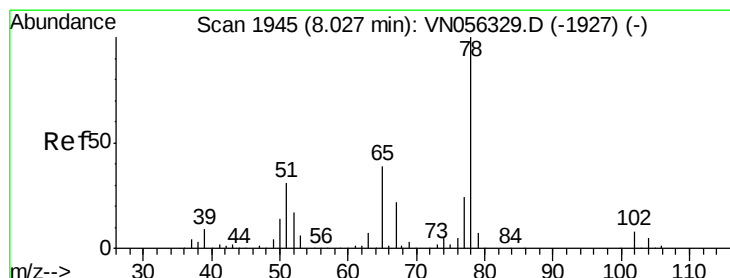
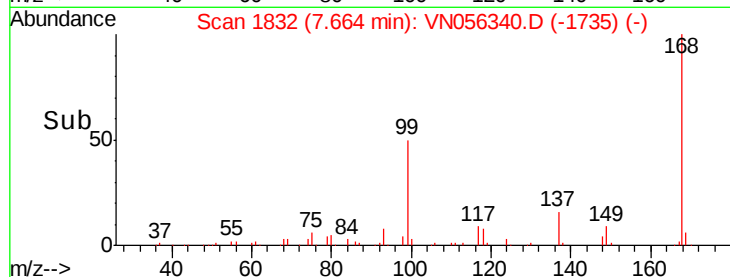
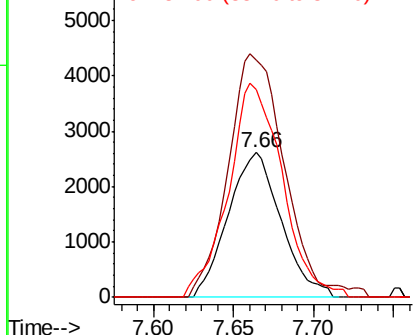
#31
Cyclohexane
Concen: 0.997 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5911
Ion Ratio Lower Upper
56 100
69 163.6 26.0 39.0#
84 137.7 67.4 101.0#

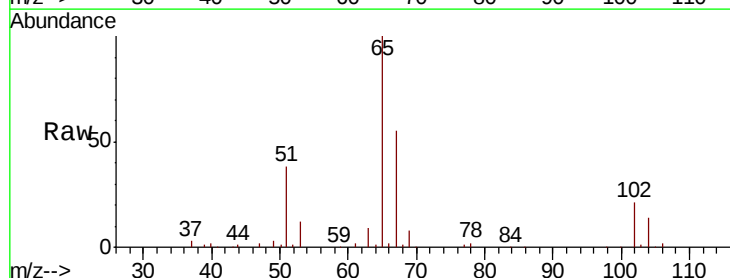


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

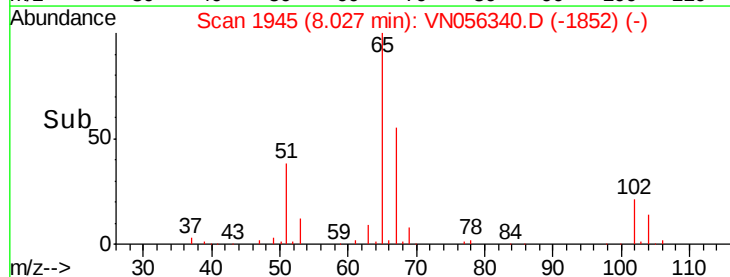
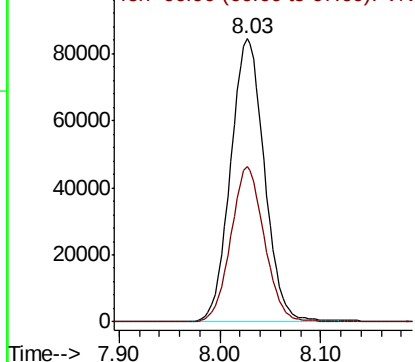


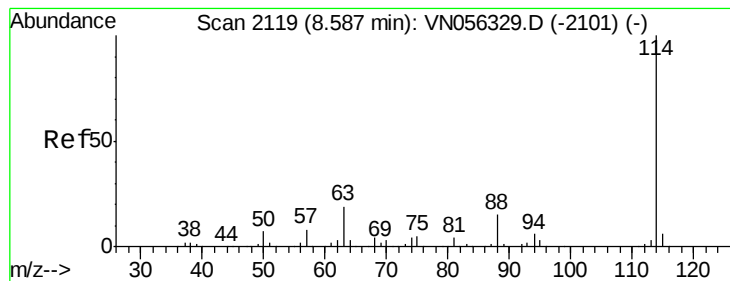
#33
1,2-Dichloroethane-d4
Concen: 51.159 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion: 65 Resp: 196806
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

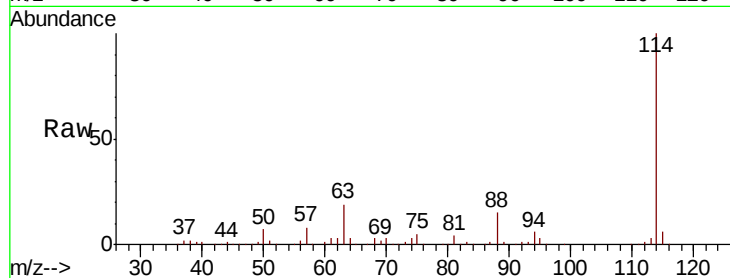
Tot Ion:114 Resp: 574031

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

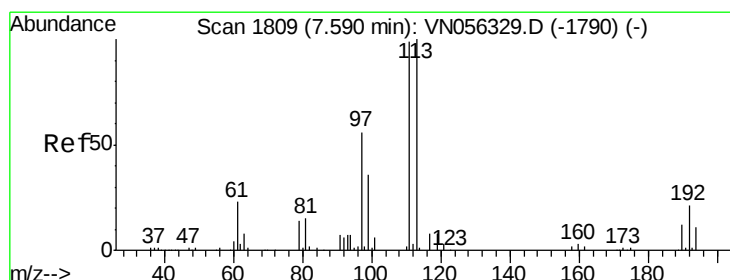
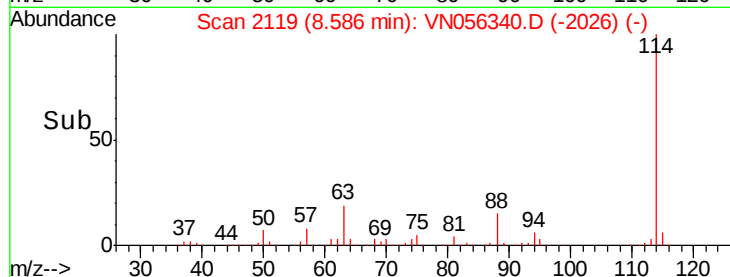
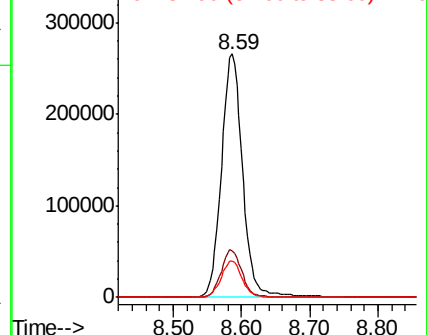
88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.307 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

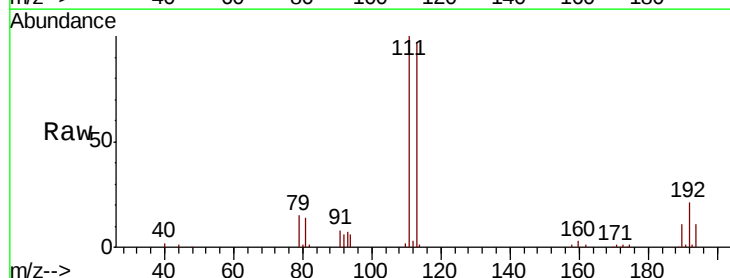
Tgt Ion:113 Resp: 170464

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

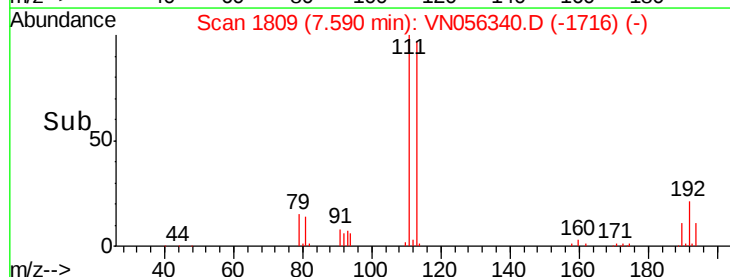
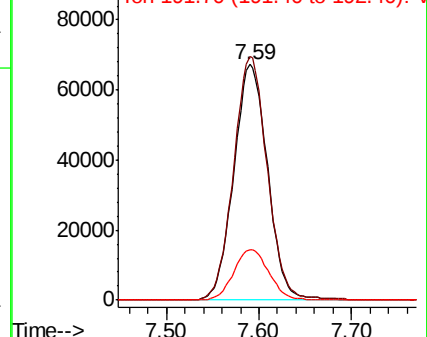
192 22.2 17.6 26.4

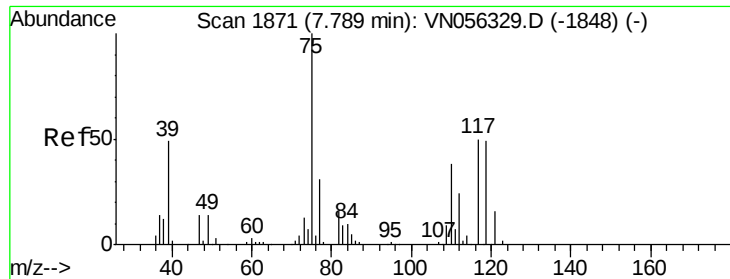


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

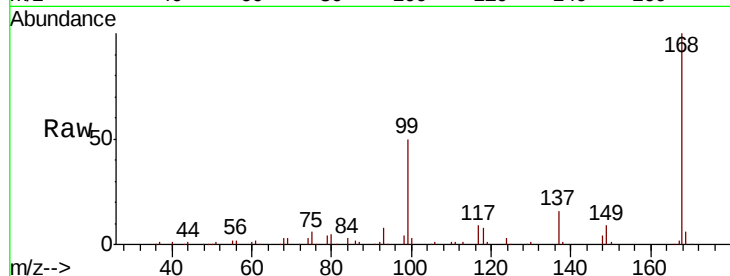




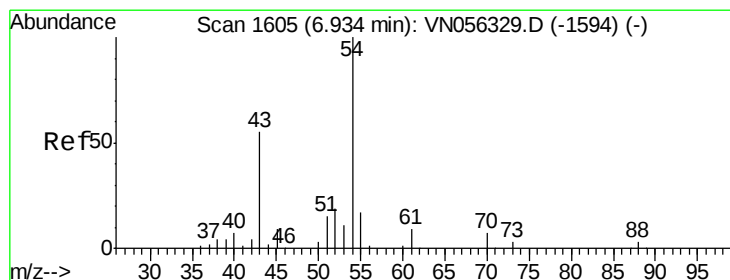
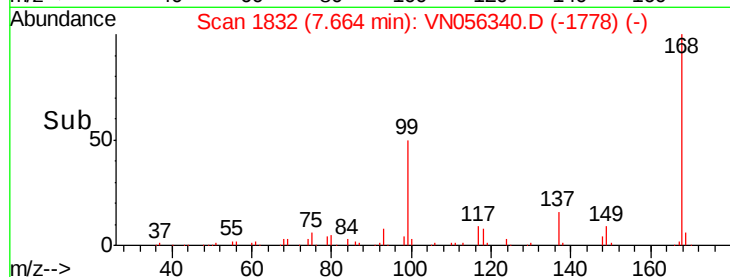
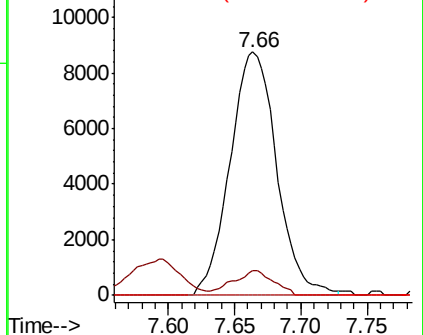
#36
 1,1-Dichloropropene
 Concen: 4.154 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056340.D
 Acq: 17 Jun 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	75	Resp	21459
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.6	56.0#
77	0.0	25.0	37.6#

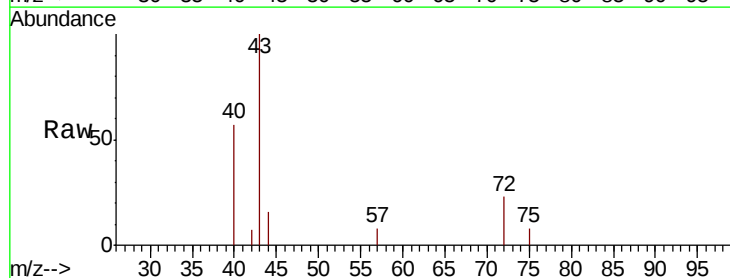


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

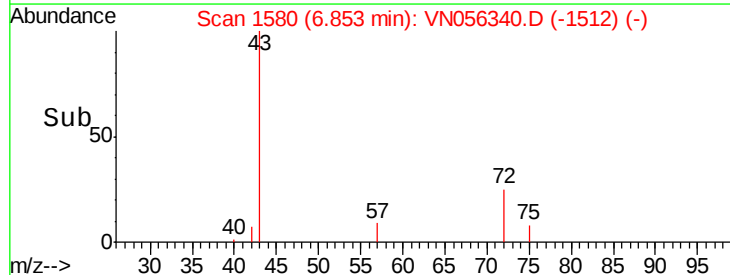
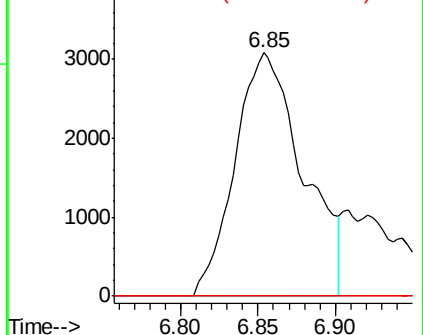


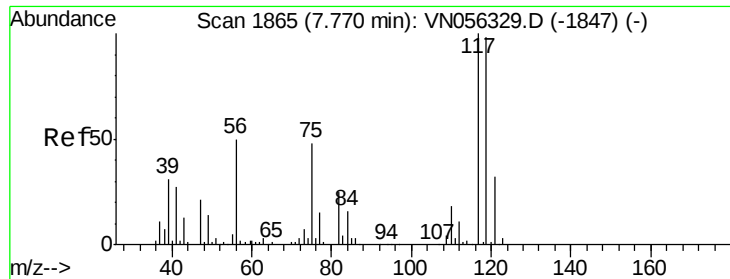
#37
 Ethyl Acetate
 Concen: 1.924 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN056340.D
 Acq: 17 Jun 2019 15:10

Tgt Ion	43	Resp	9418
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

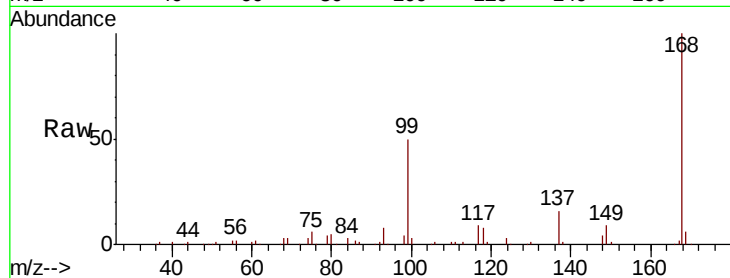




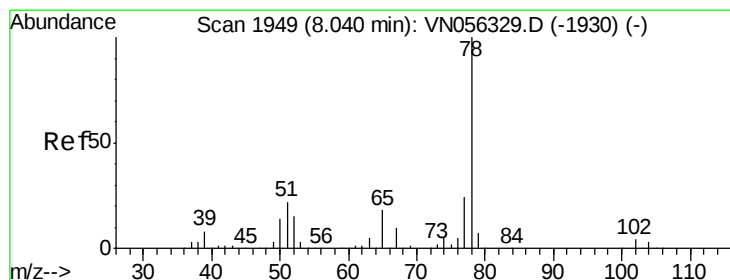
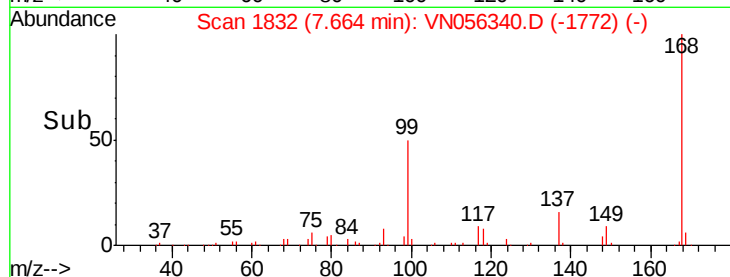
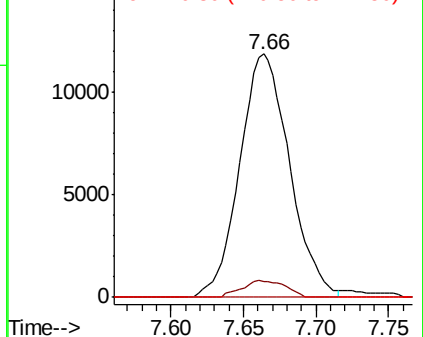
#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 28386
Ion Ratio Lower Upper
117 100
119 6.7 77.8 116.8#
121 0.0 25.3 37.9#

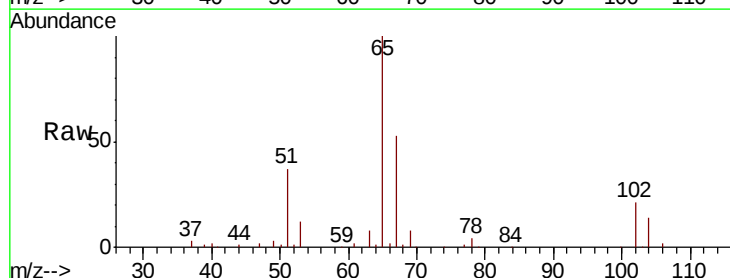


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

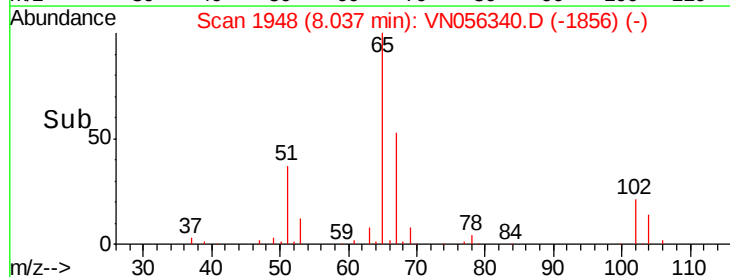
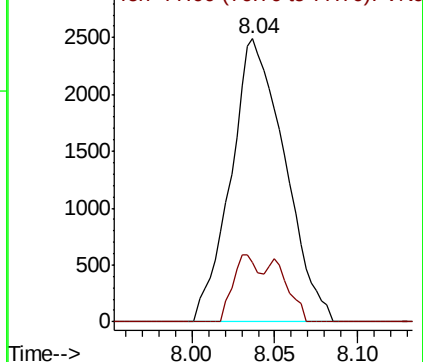


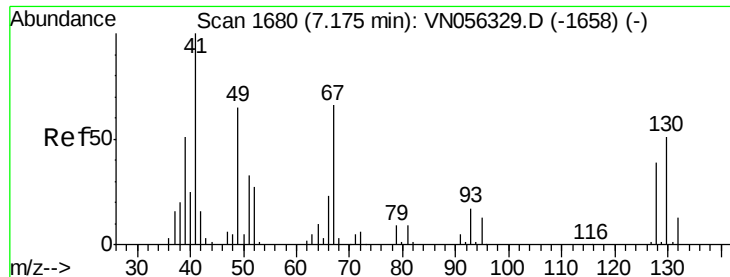
#40
Benzene
Concen: 0.359 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion: 78 Resp: 5620
Ion Ratio Lower Upper
78 100
77 20.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): V
Ion 77.00 (76.70 to 77.70): V

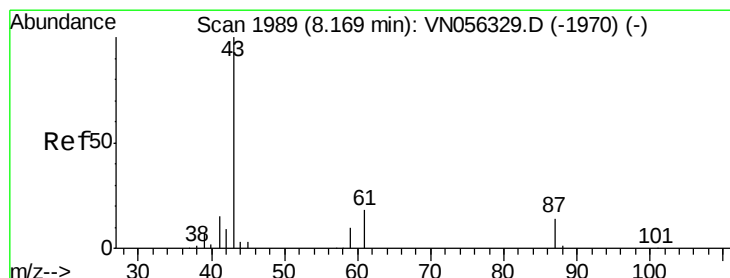
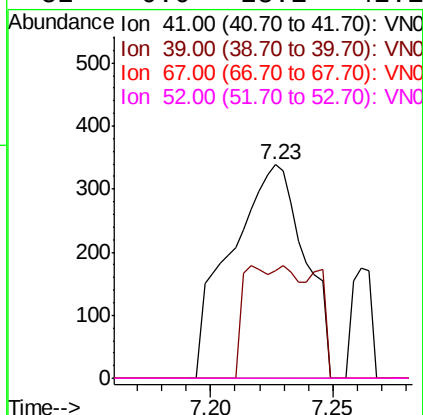
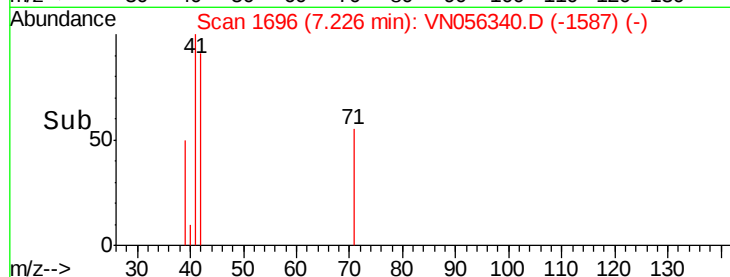
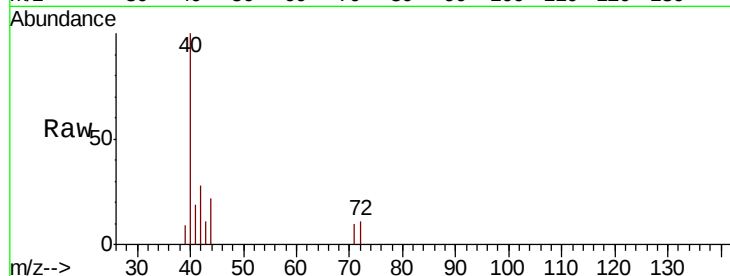




#41
Methacrylonitrile
Concen: 0.317 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

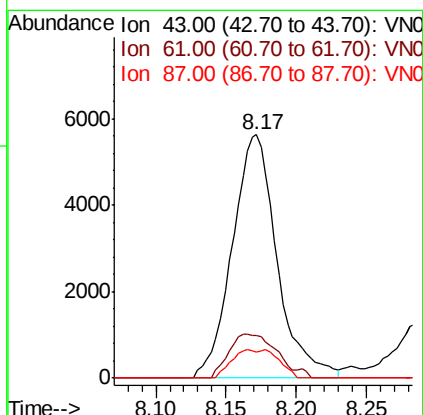
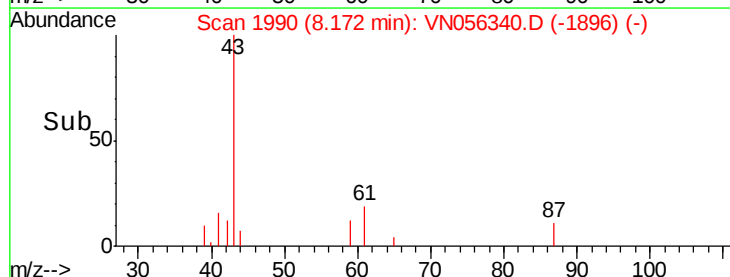
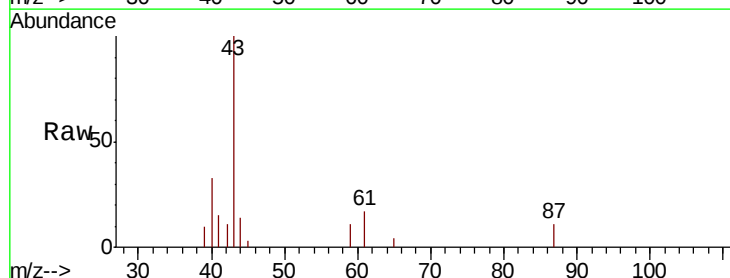
Instrument :
MSVOA_N
ClientSampled :

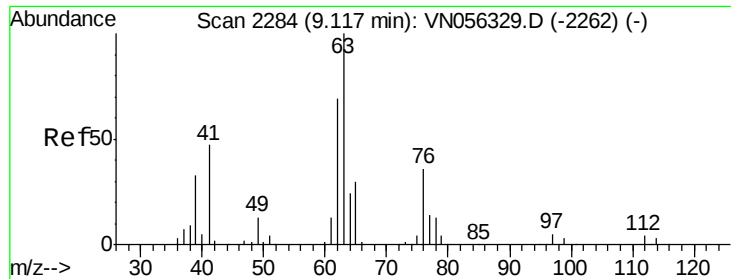
Tot Ion: 41 Resp: 712
Ion Ratio Lower Upper
41 100
39 18.4 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#



#43
Isopropyl Acetate
Concen: 1.594 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion: 43 Resp: 12479
Ion Ratio Lower Upper
43 100
61 19.5 16.6 25.0
87 6.7 11.0 16.4#

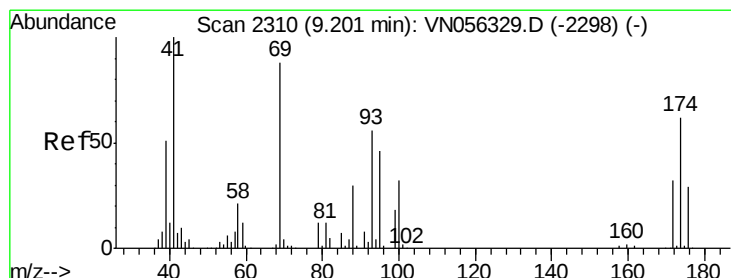
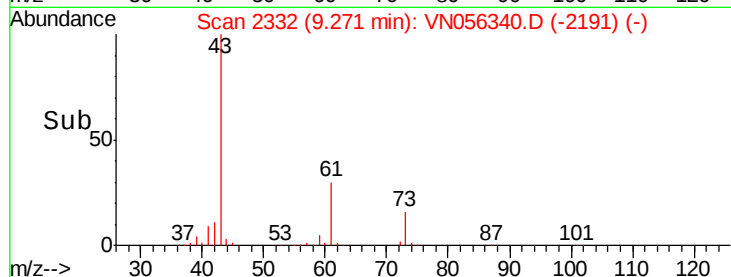
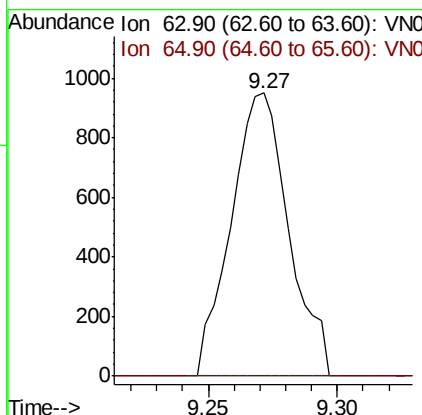
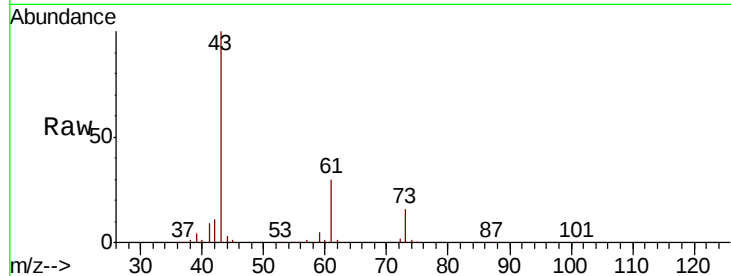




#45
 1,2-Dichloropropane
 Concen: 0.358 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN056340.D
 Acq: 17 Jun 2019 15:10

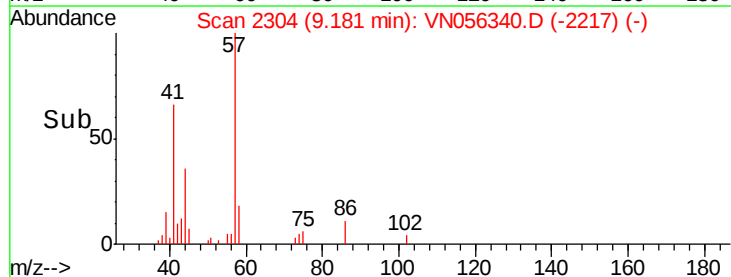
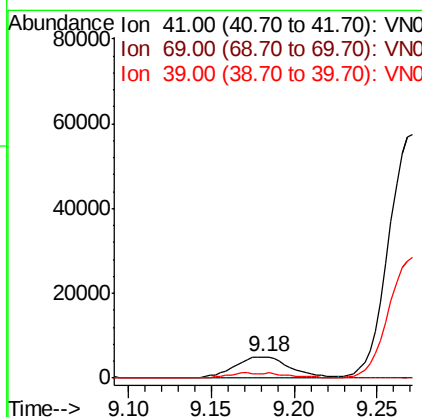
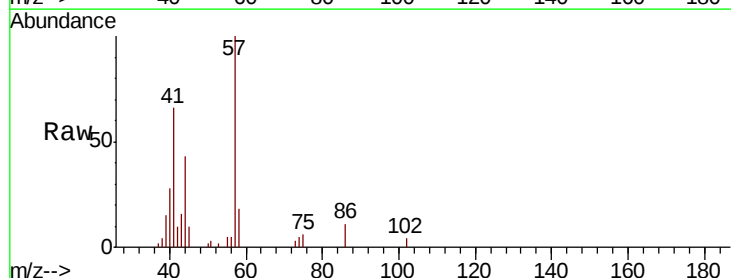
Instrument :
 MSVOA_N
 ClientSampled :

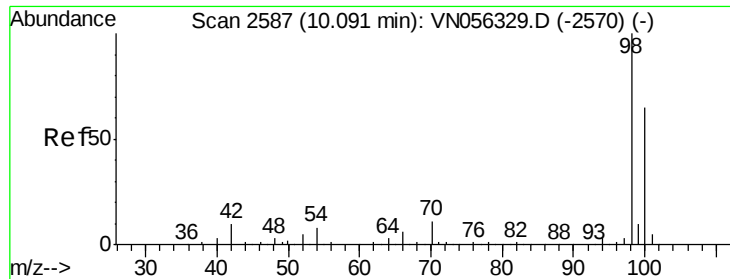
Tot Ion: 63 Resp: 1483
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 2.982 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056340.D
 Acq: 17 Jun 2019 15:10

Tgt Ion: 41 Resp: 11781
 Ion Ratio Lower Upper
 41 100
 69 0.2 71.0 106.6#
 39 0.0 41.7 62.5#





#50

Toluene-d8

Concen: 51.095 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

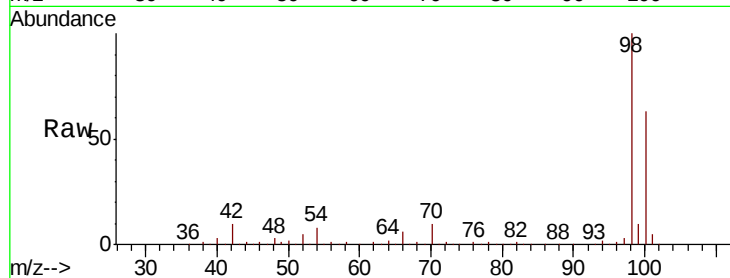
ClientSampleId :

Tot Ion: 98 Resp: 718553

Ion Ratio Lower Upper

98 100

100 63.7 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

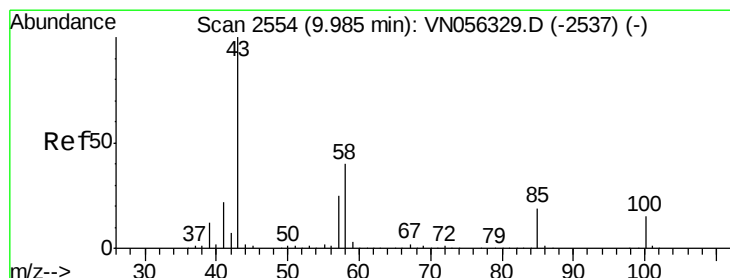
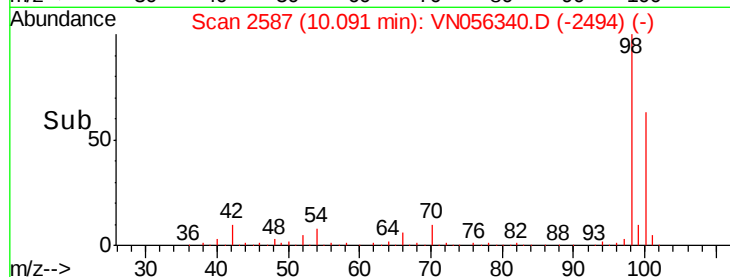
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.716 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056340.D

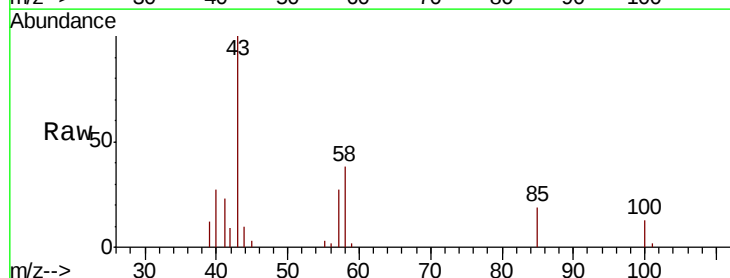
Acq: 17 Jun 2019 15:10

Tgt Ion: 43 Resp: 13556

Ion Ratio Lower Upper

43 100

58 39.7 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) (-)

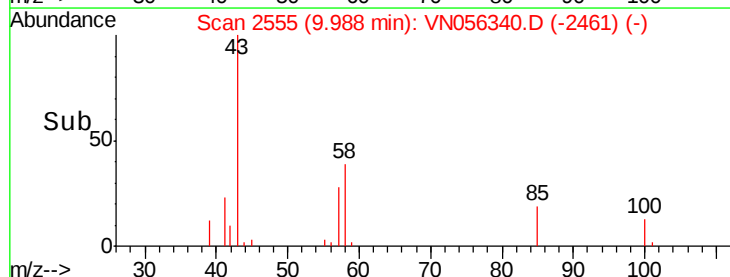
15000

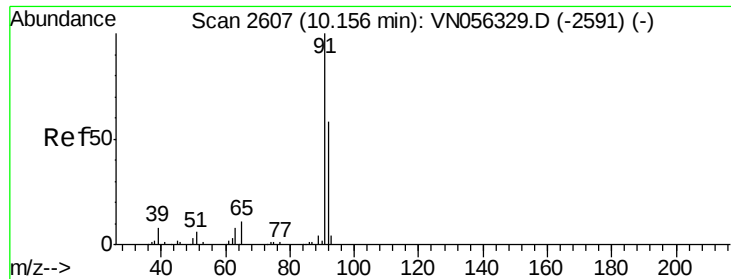
10000

5000

0

Time-->





#52

Toluene

Concen: 1.628 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

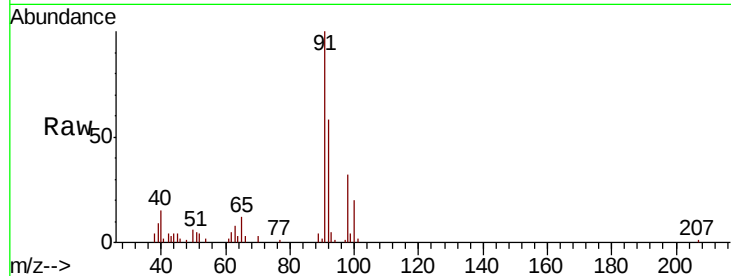
ClientSampleId :

Tot Ion: 92 Resp: 15571

Ion Ratio Lower Upper

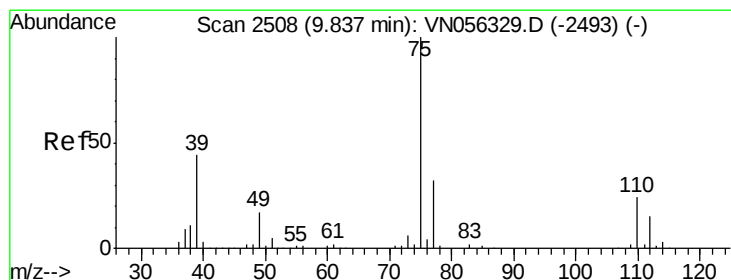
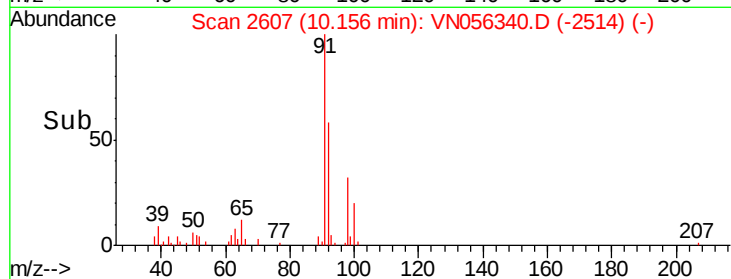
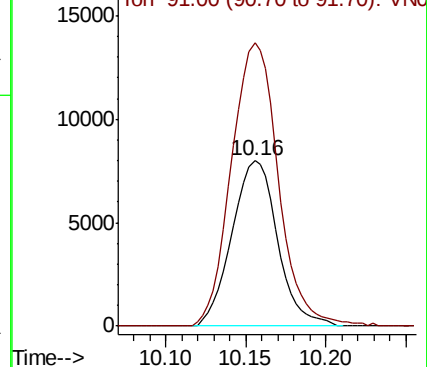
92 100

91 176.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.401 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

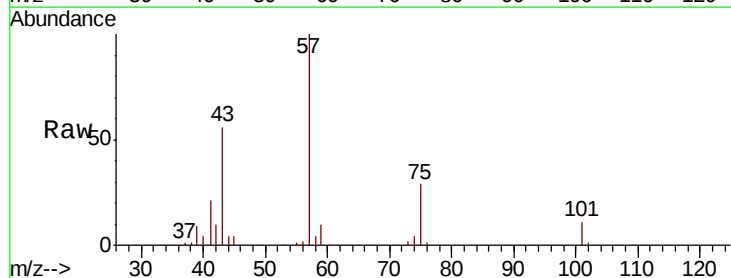
Tgt Ion: 75 Resp: 44563

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

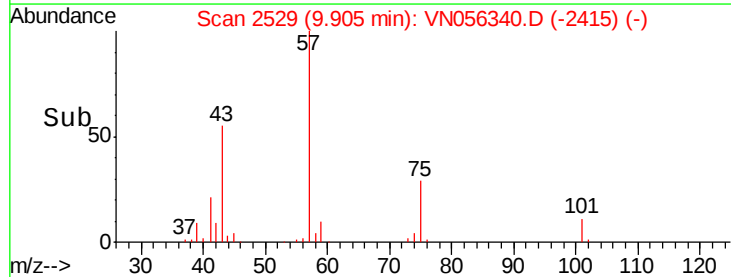
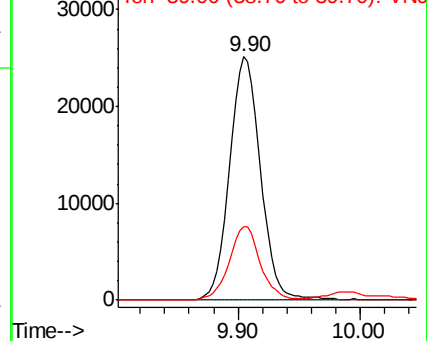
39 30.1 35.4 53.0#

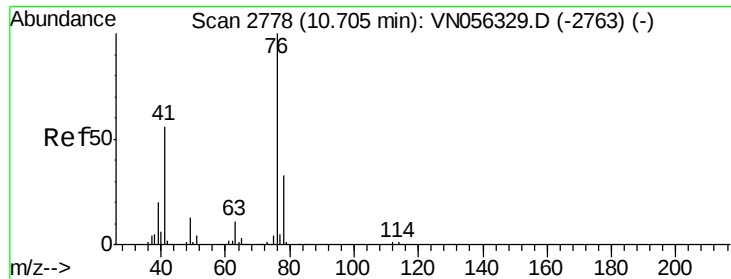


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.286 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

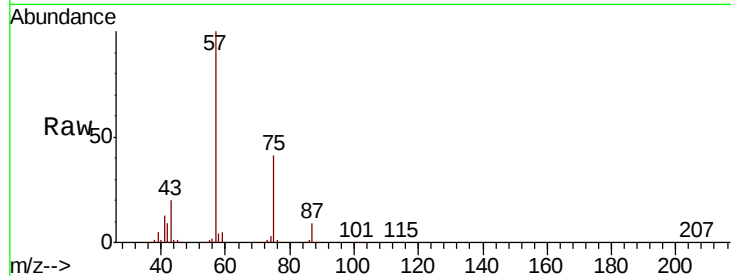
ClientSampled :

Tot Ion: 76 Resp: 8512

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

10.77

6000

5000

4000

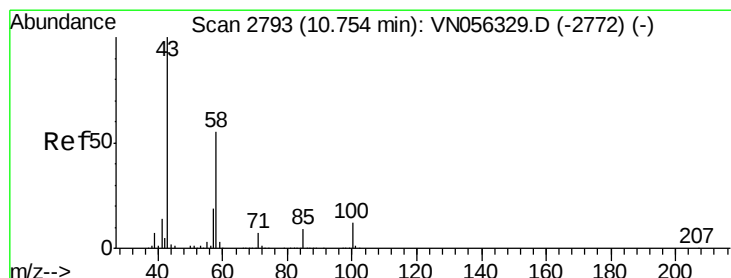
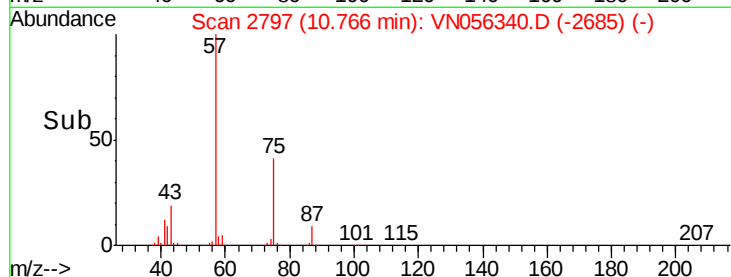
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 32.351 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056340.D

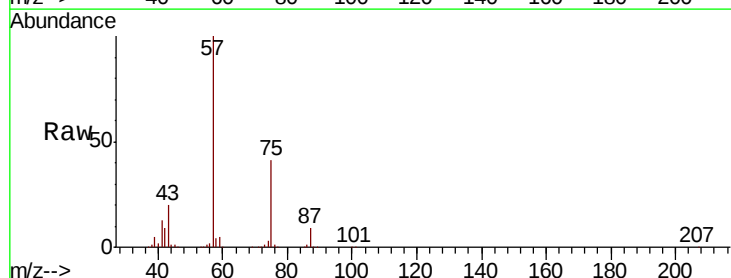
Acq: 17 Jun 2019 15:10

Tgt Ion: 43 Resp: 119744

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

10.76

80000

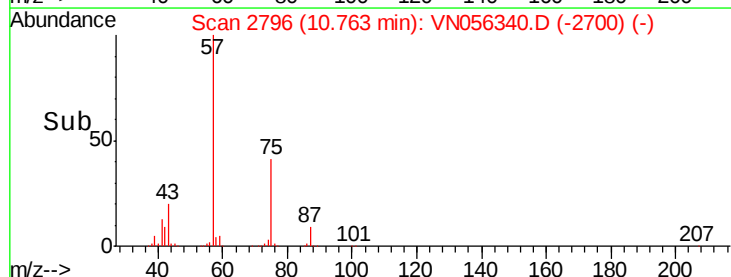
60000

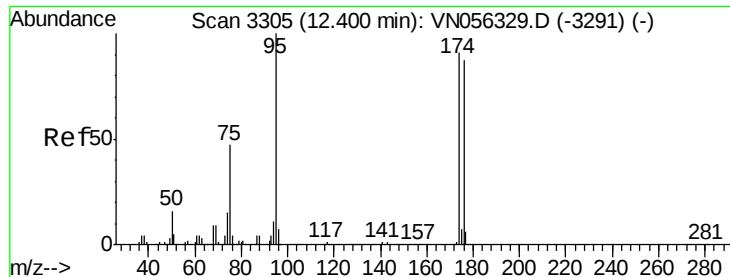
40000

20000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 51.188 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

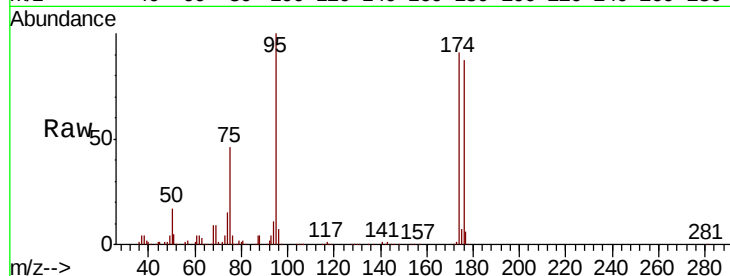
Tot Ion: 95 Resp: 238538

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

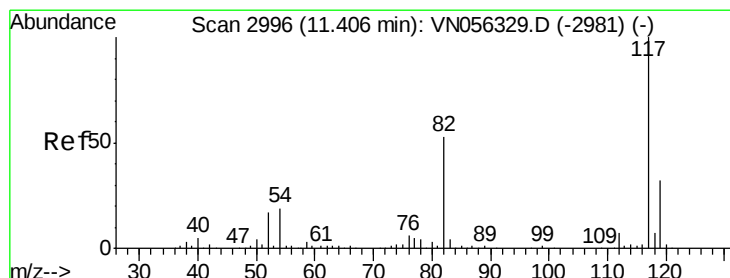
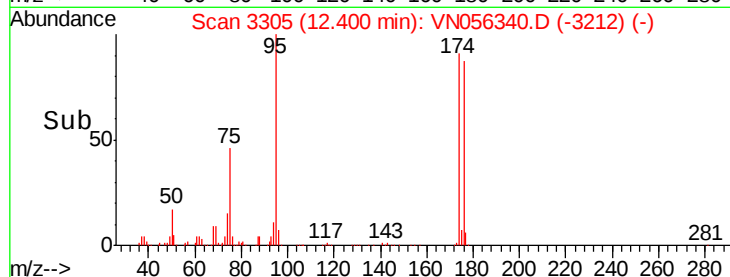
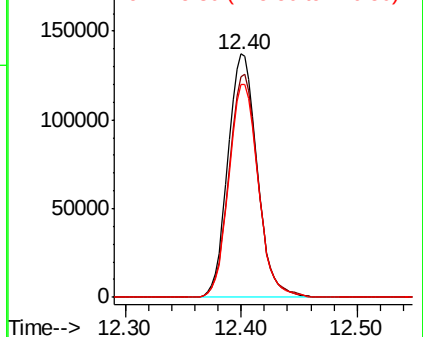
176 88.0 0.0 176.8



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

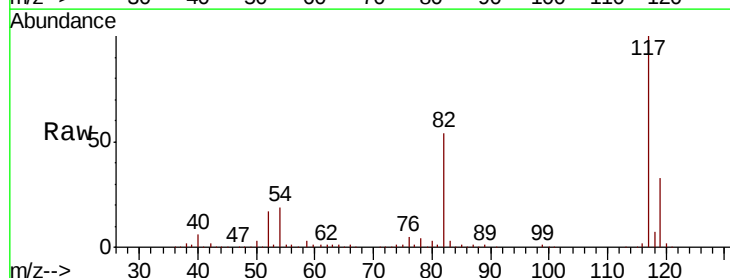
Tgt Ion: 117 Resp: 576753

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

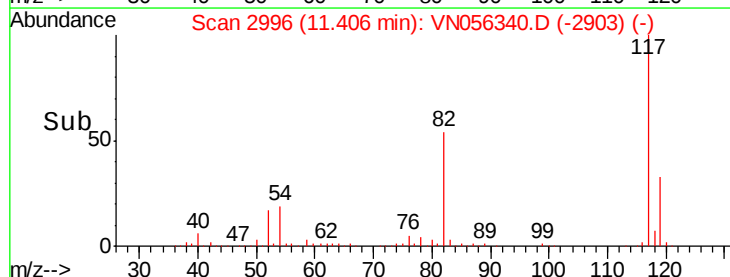
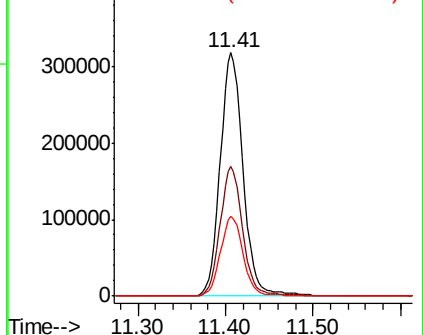
119 32.7 26.0 39.0

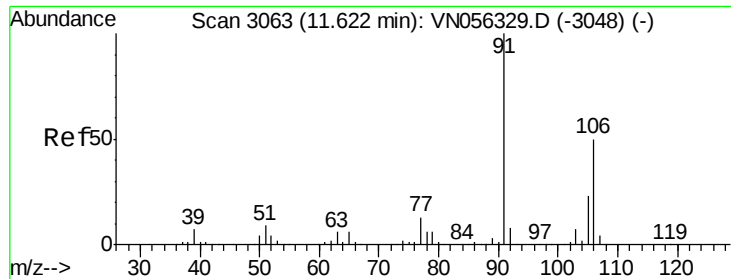


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

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

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

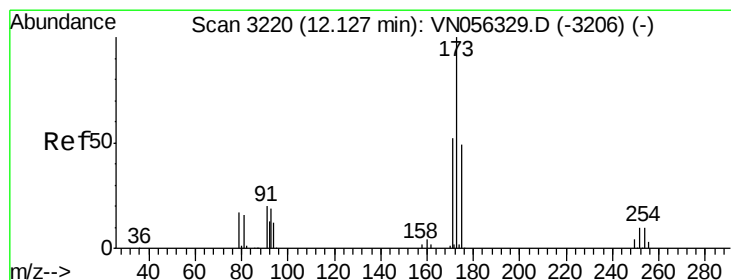
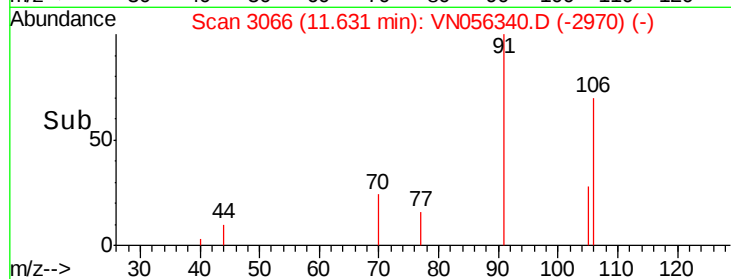
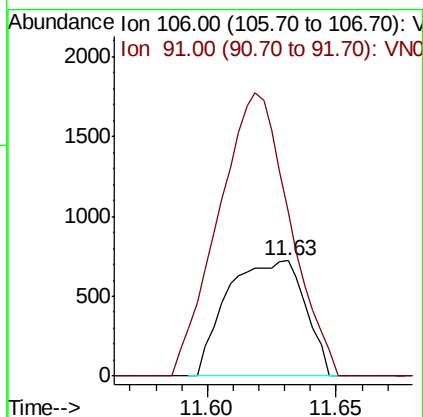
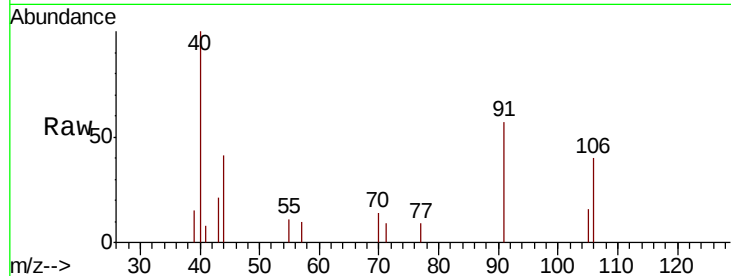




#68
m/p-Xvlenes
Concen: 0.202 ug/l
RT: 11.63 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

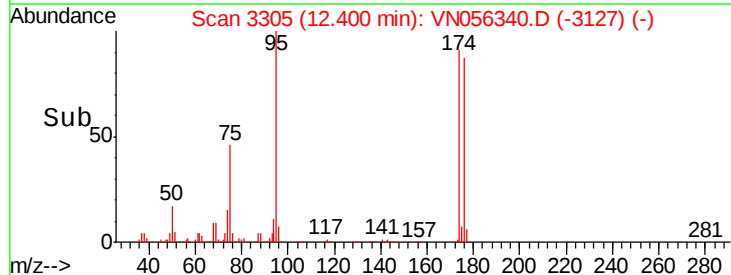
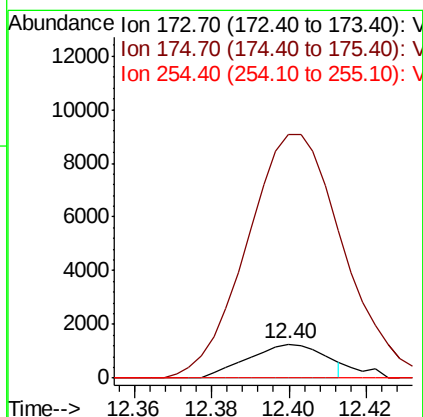
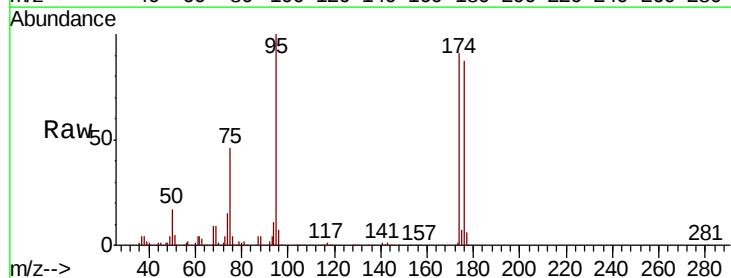
Instrument :
MSVOA_N
ClientSampled :

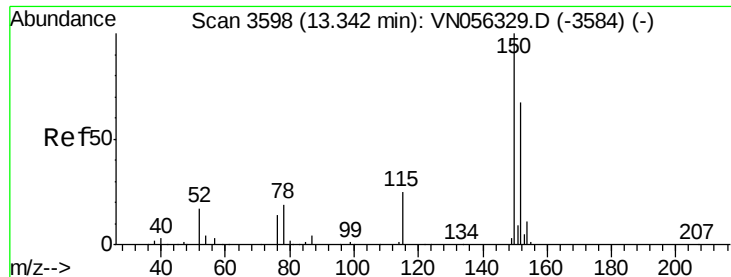
Tot Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 225.1 160.7 241.1



#71
Bromoform
Concen: 0.517 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion:173 Resp: 1756
Ion Ratio Lower Upper
173 100
175 768.5 24.3 73.0#
254 0.0 0.0 0.0



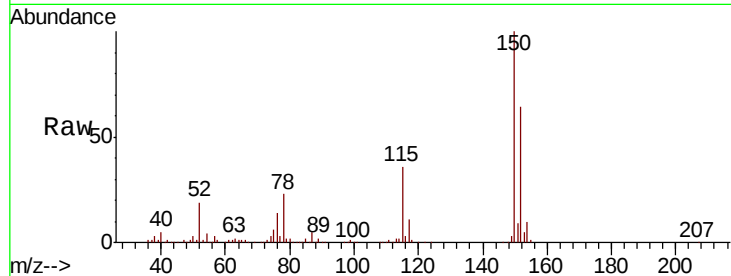


#72

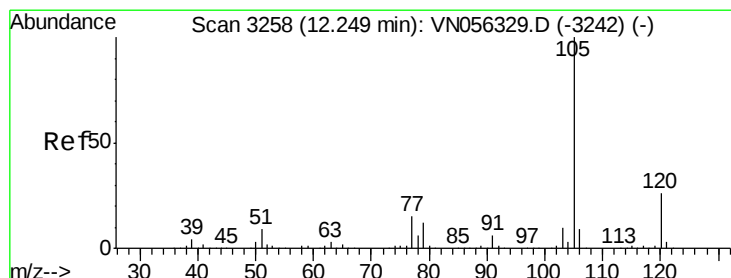
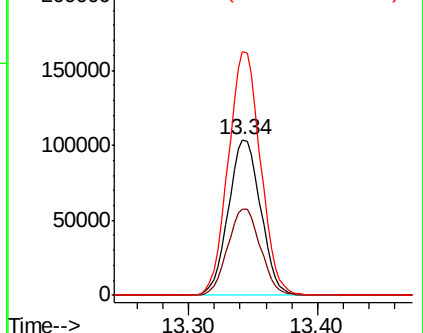
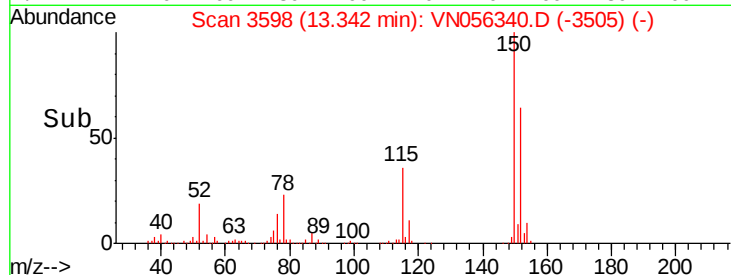
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.3
150	156.2	0.0	345.8



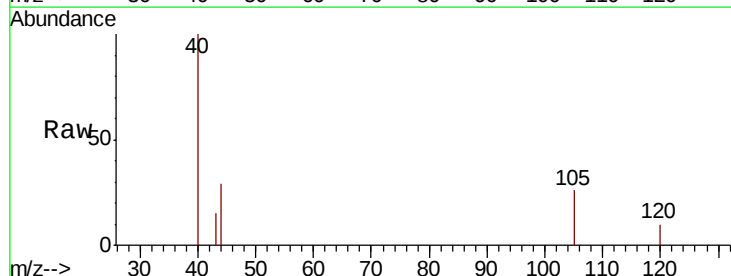
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



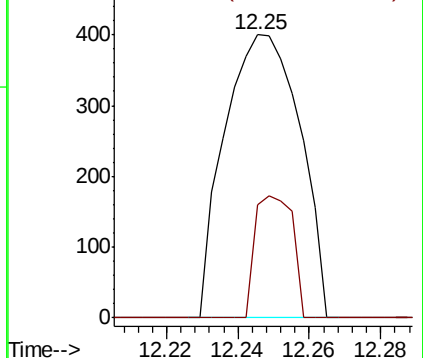
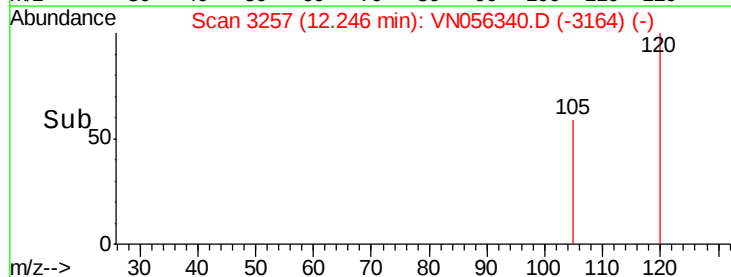
#73

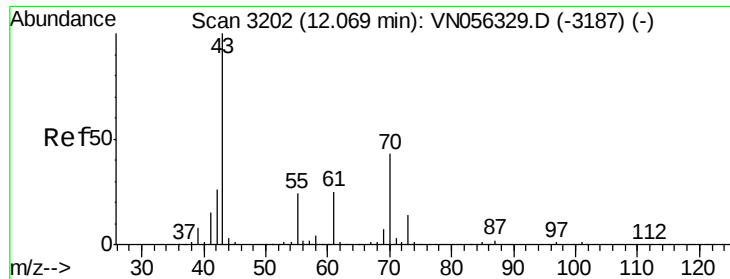
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056340.D
Acq: 17 Jun 2019 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	21.5	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: 0.875 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 4965

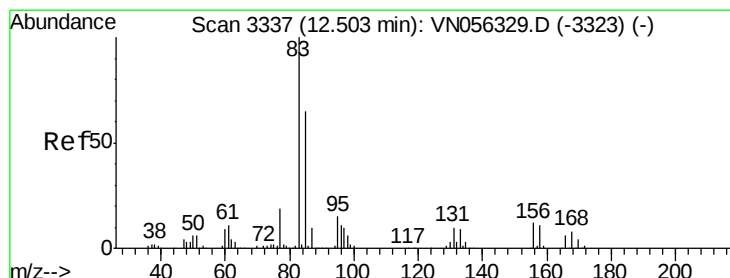
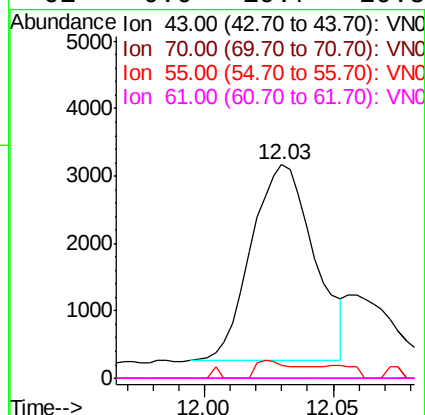
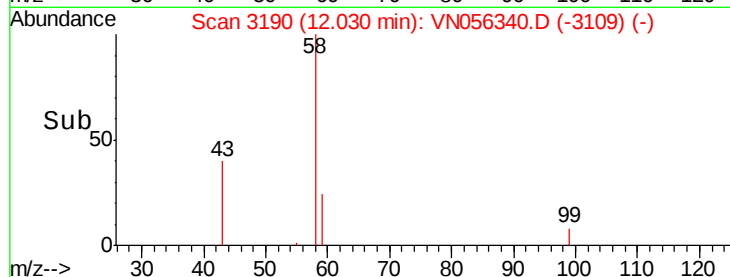
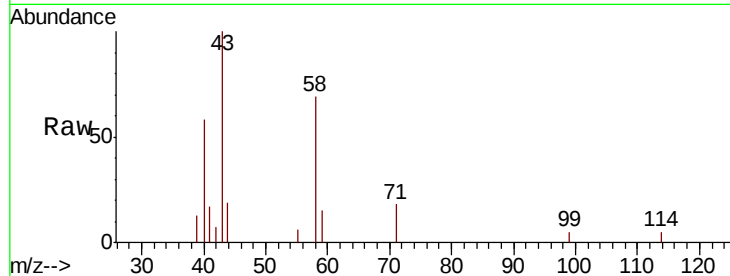
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 6.2 19.9 29.9#

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. 0.02 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

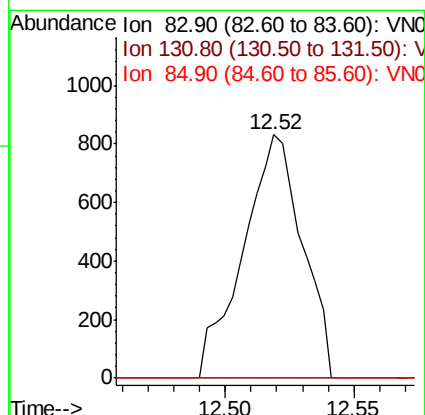
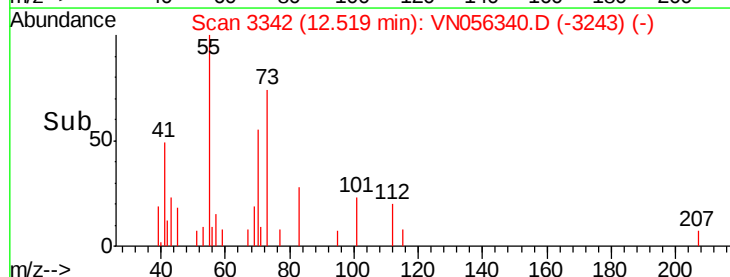
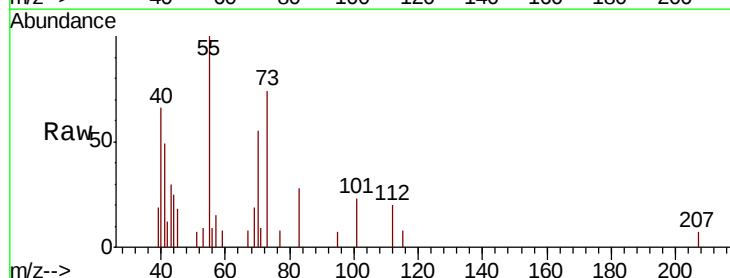
Tgt Ion: 83 Resp: 1331

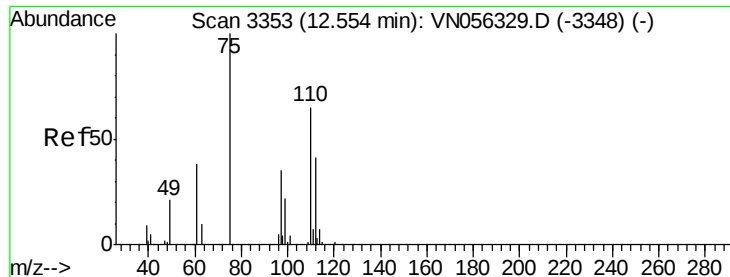
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.2 96.6#





#76

1,2,3-Trichloropropane

Concen: 28.735 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

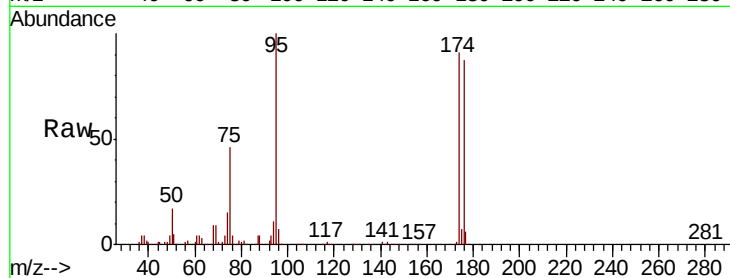
ClientSampleId :

Tot Ion: 75 Resp: 110819

Ion Ratio Lower Upper

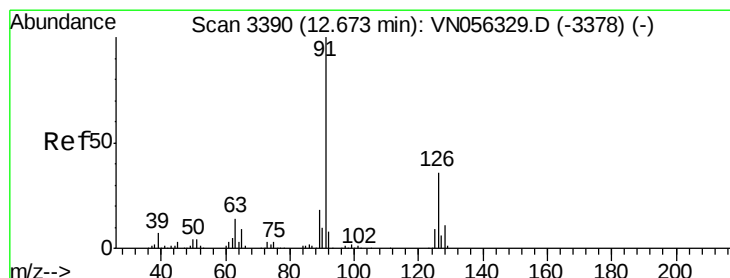
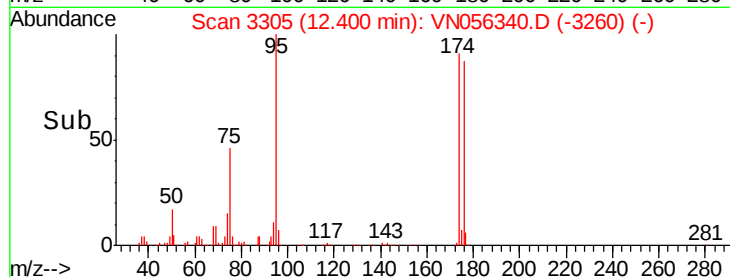
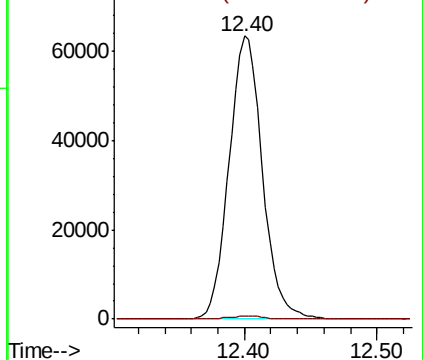
75 100

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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056340.D

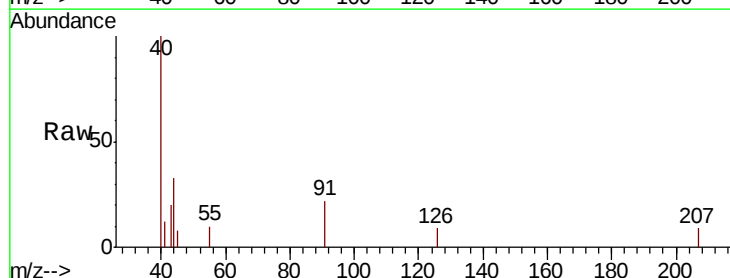
Acq: 17 Jun 2019 15:10

Tgt Ion: 91 Resp: 581

Ion Ratio Lower Upper

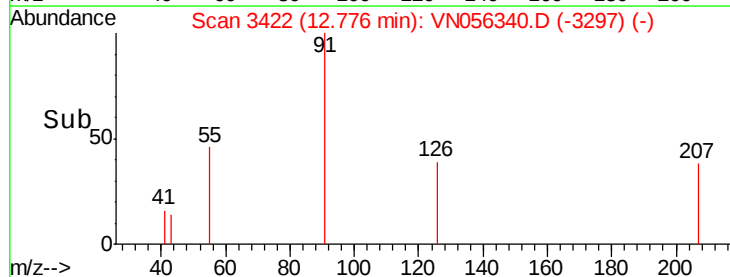
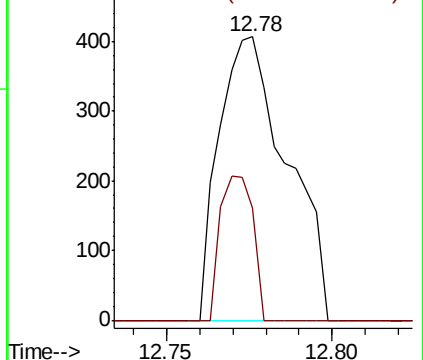
91 100

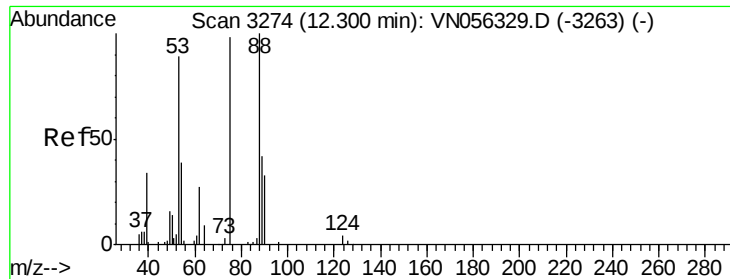
126 24.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 89.276 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

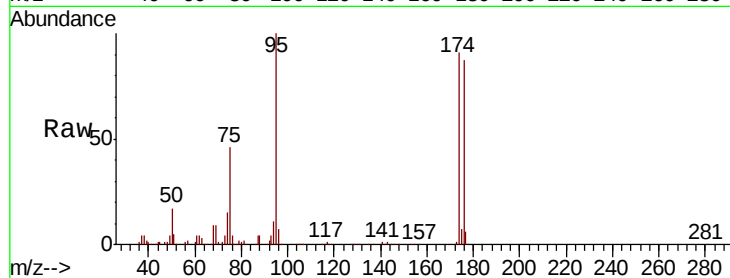
Tot Ion: 75 Resp: 110819

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

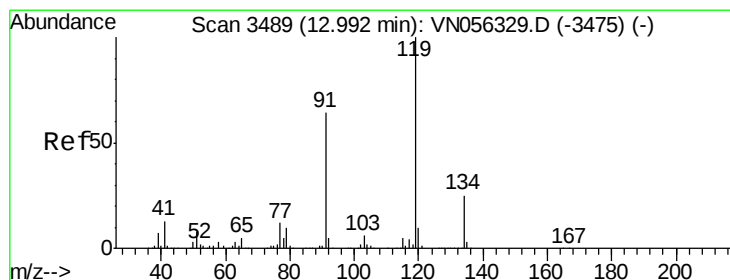
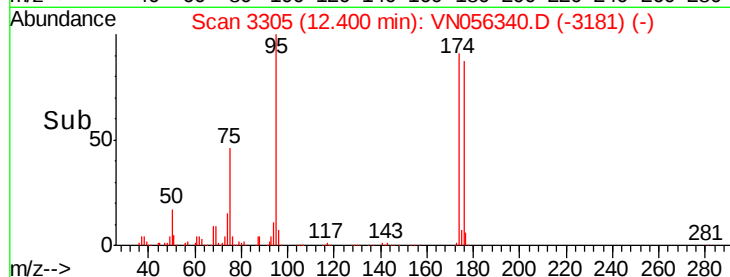
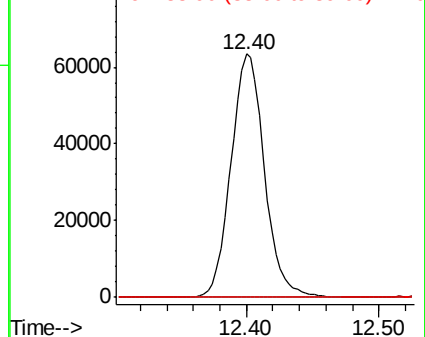
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056340.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056340.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056340.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

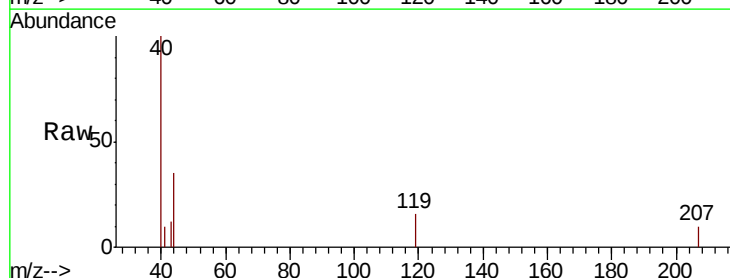
Tgt Ion: 119 Resp: 264

Ion Ratio Lower Upper

119 100

91 0.0 31.5 94.5#

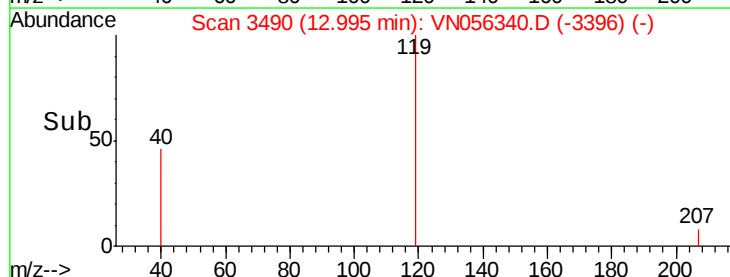
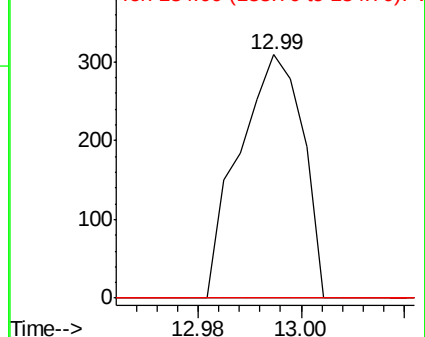
134 0.0 13.6 40.7#

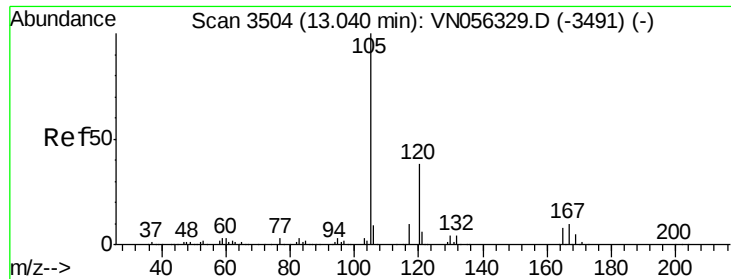


Abundance Ion 119.00 (118.70 to 119.70): VN056340.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056340.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056340.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.317 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

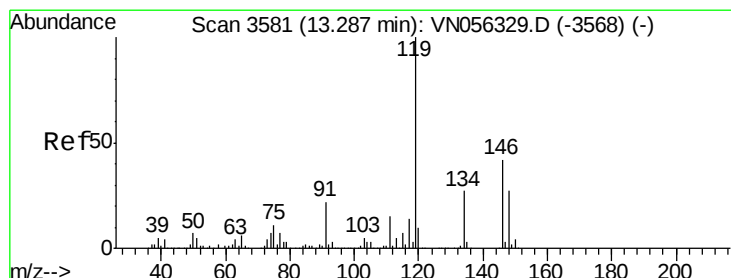
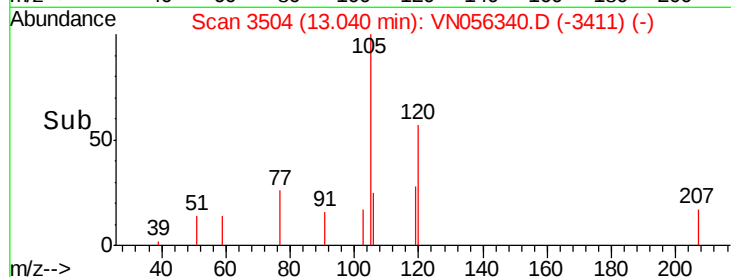
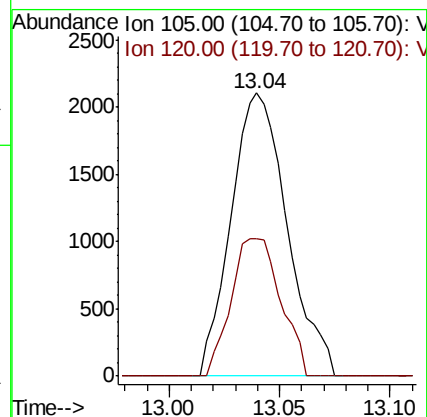
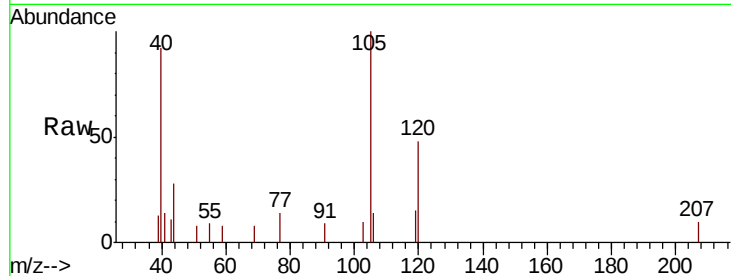
ClientSampled :

Tot Ion:105 Resp: 3717

Ion Ratio Lower Upper

105 100

120 42.9 23.1 69.2



#86

p-Isopropyltoluene

Concen: 0.337 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

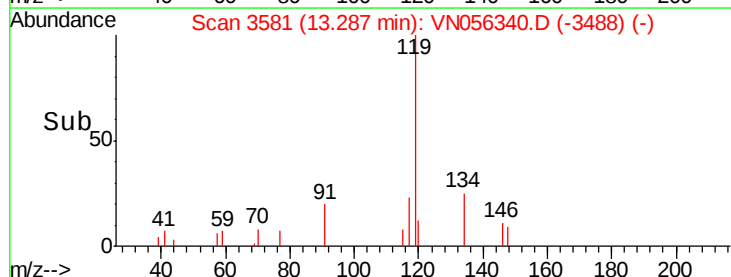
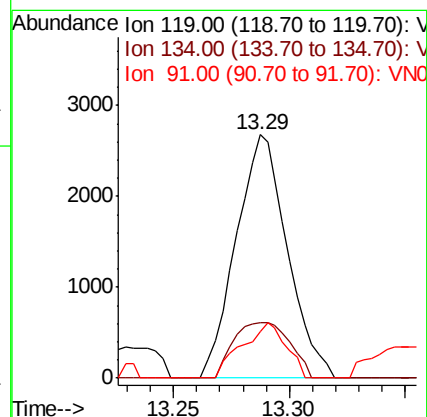
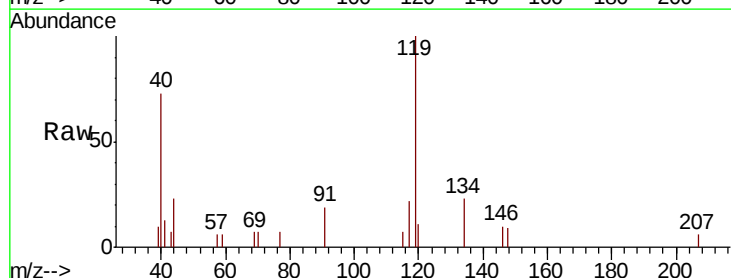
Tgt Ion:119 Resp: 4104

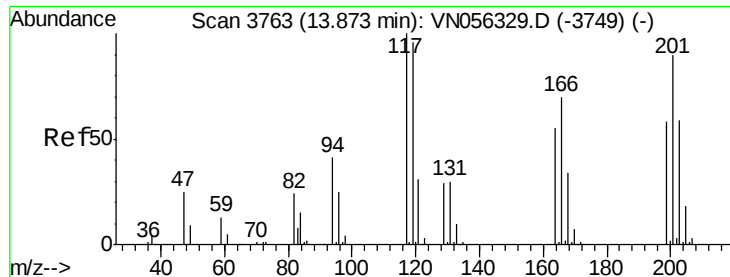
Ion Ratio Lower Upper

119 100

134 25.0 13.5 40.4

91 19.6 11.0 33.0





#90

Hexachloroethane

Concen: Below Cal

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

Instrument :

MSVOA_N

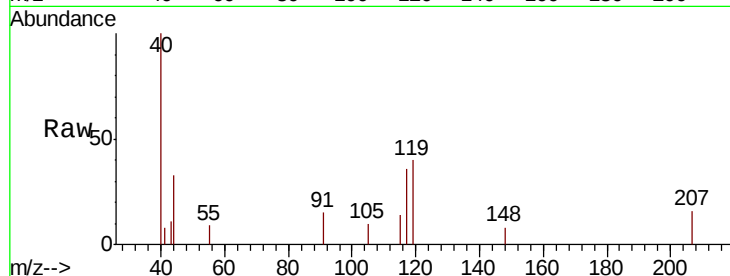
ClientSampleId :

Tot Ion:117 Resp: 993

Ion Ratio Lower Upper

117 100

201 0.0 45.8 137.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.00

800

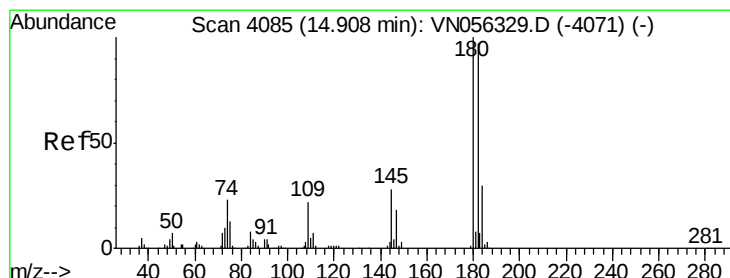
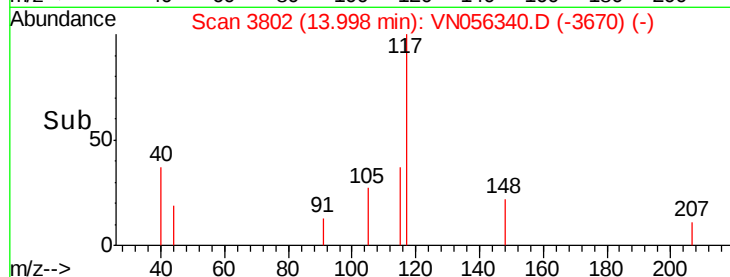
600

400

200

0

Time--> 13.95



#93

1,2,4-Trichlorobenzene

Concen: 5.439 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN056340.D

Acq: 17 Jun 2019 15:10

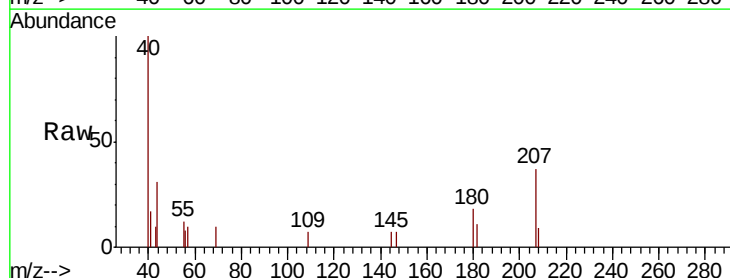
Tgt Ion:180 Resp: 464

Ion Ratio Lower Upper

180 100

182 107.5 47.4 142.3

145 35.8 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

14.90

500

400

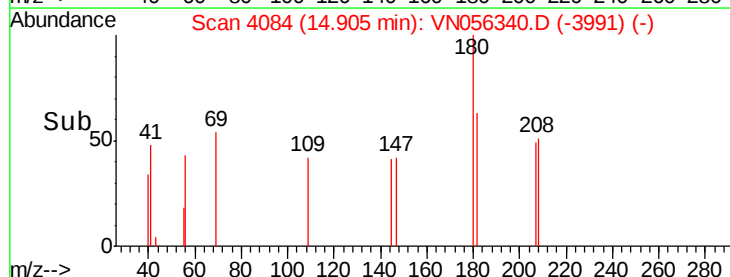
300

200

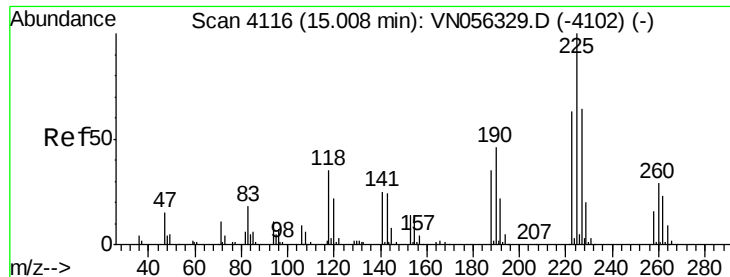
100

0

Time--> 14.88



Time--> 14.92



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4119

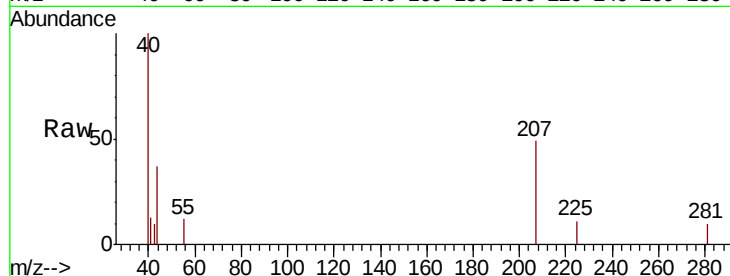
Delta R.T. 0.01 min

Lab File: VN056340.D

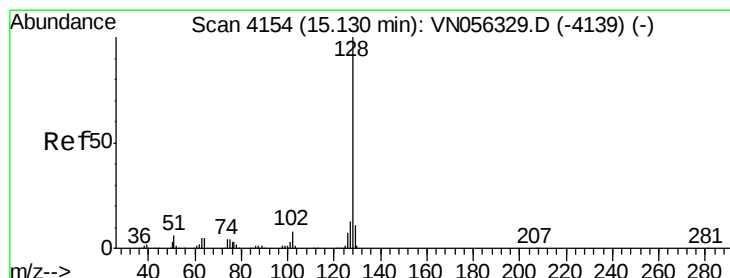
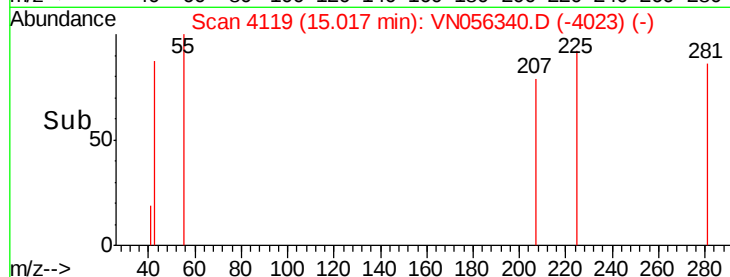
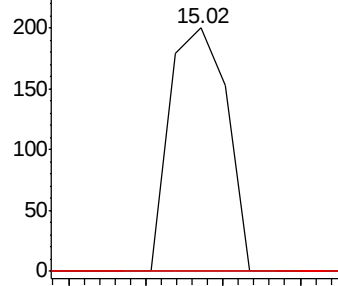
Acq: 17 Jun 2019 15:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	225	Resp:	103
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: 5.006 ug/l

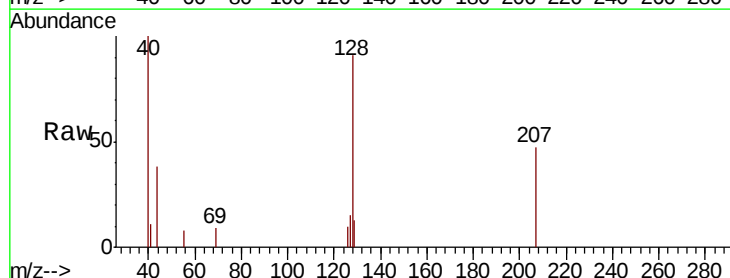
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

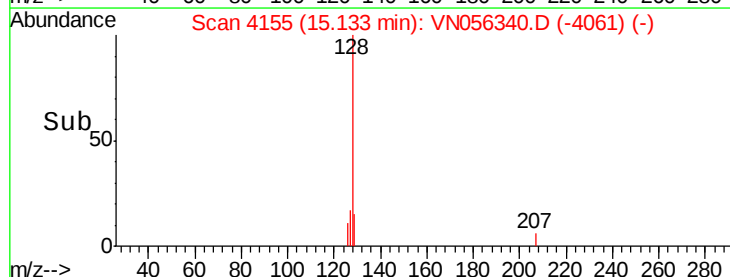
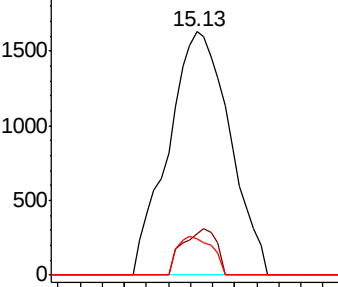
Lab File: VN056340.D

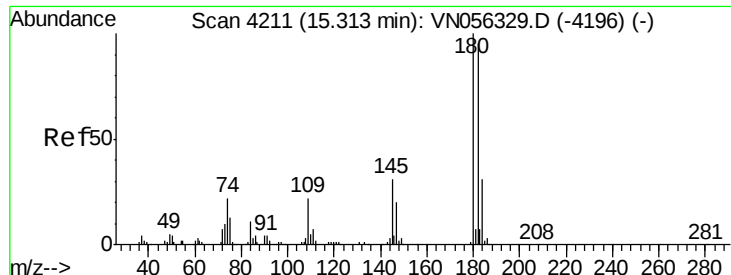
Acq: 17 Jun 2019 15:10

Tgt Ion:	128	Resp:	3144
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.6	15.8#
129	9.1	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.933 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056340.D
 Acq: 17 Jun 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 460
 Ion Ratio Lower Upper
 180 100
 182 53.9 47.1 141.4
 145 68.0 14.9 44.9#

