

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056366.D
 Acq On : 18 Jun 2019 15:19
 Operator : JC/SP
 Sample : K3433-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 02:00:40 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	339326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	565310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192321	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	173536	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.09	98	698670	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	246775	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.06	50	1269	0.317	ug/l	100
6) Chloroethane	2.70	64	789	0.347	ug/l	90
11) Tert butyl alcohol	4.74	59	6343	10.565	ug/l #	73
13) Acrolein	3.61	56	132	3.936	ug/l #	14
14) Allyl chloride	4.27	41	3021	0.572	ug/l #	52
16) Acetone	3.82	43	58591	27.791	ug/l	98
17) Carbon Disulfide	4.03	76	2299	0.273	ug/l #	75
18) Methyl Acetate	4.33	43	8872	0.654	ug/l	93
20) Methylene Chloride	4.54	84	6465	1.737	ug/l #	95
25) 2-Butanone	6.85	43	17585	6.882	ug/l	95
28) Bromochloromethane	7.37	49	73117	23.989	ug/l #	10
29) Tetrahydrofuran	7.37	42	1498	0.987	ug/l #	1
30) Chloroform	7.37	83	1001339	165.157	ug/l	99
31) Cyclohexane	7.67	56	5388	0.916	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	21381	4.203	ug/l #	48
37) Ethyl Acetate	6.85	43	17585	3.648	ug/l #	68
38) Carbon Tetrachloride	7.66	117	29172	5.975	ug/l #	15
47) Bromodichloromethane	9.40	83	1919	0.371	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	10890	2.216	ug/l	91
52) Toluene	10.16	92	43592	4.628	ug/l	95
59) 2-Hexanone	10.76	43	3532	0.969	ug/l	96
68) m/p-Xylenes	11.62	106	1981	0.267	ug/l	85
73) Isopropylbenzene	12.25	105	98	Below Cal	#	48
74) N-amyl acetate	12.03	43	4075	0.618	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	117119	26.140	ug/l #	100
77) Bromobenzene	12.53	156	103	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	60	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.25	75	3779	2.620	ug/l #	29
83) tert-Butylbenzene	13.04	119	153	Below Cal	#	1
84) 1,2,4-Trimethylbenzene	13.04	105	3508	0.257	ug/l	91
85) sec-Butylbenzene	13.04	105	3508	0.212	ug/l #	56
95) Naphthalene	15.13	128	2136	4.862	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.32	180	29	3.810	ug/l #	13

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

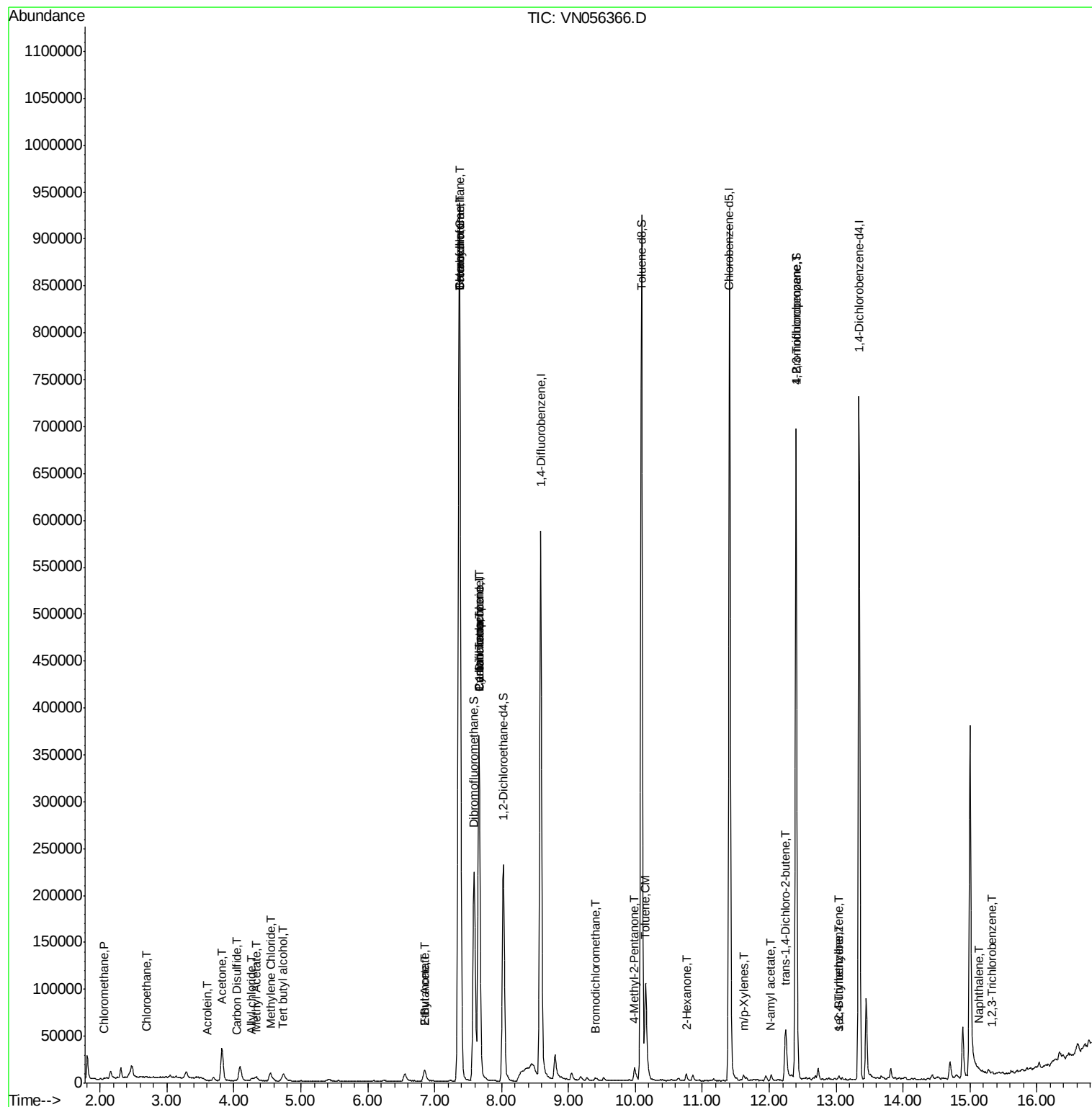
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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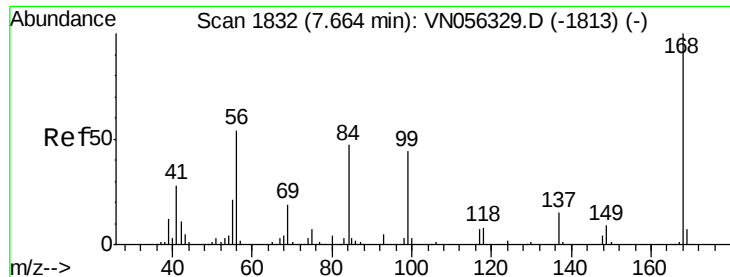
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

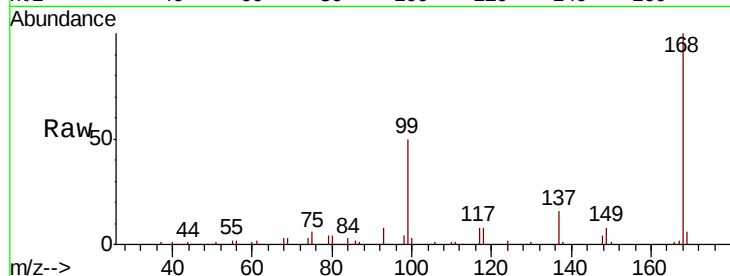
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 339326

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

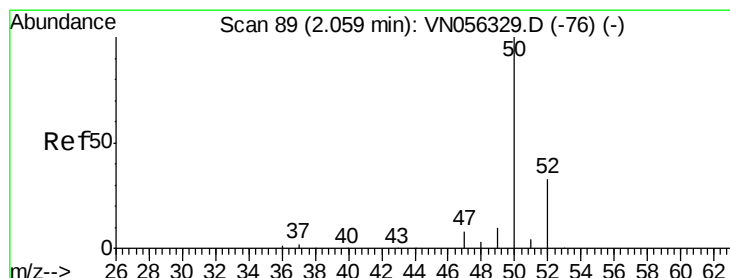
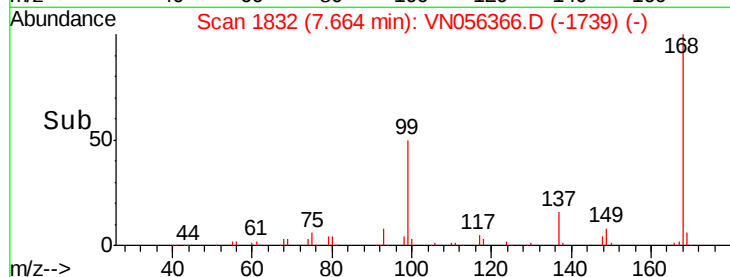
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.317 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056366.D

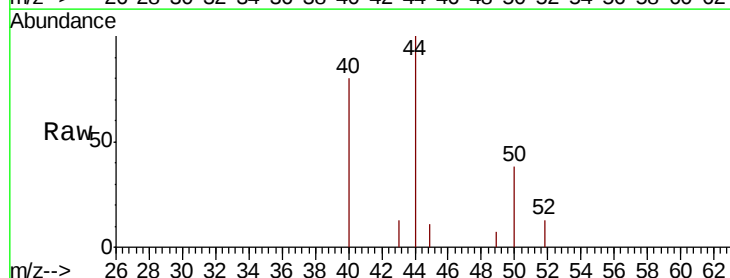
Acq: 18 Jun 2019 15:19

Tgt Ion: 50 Resp: 1269

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

1000

800

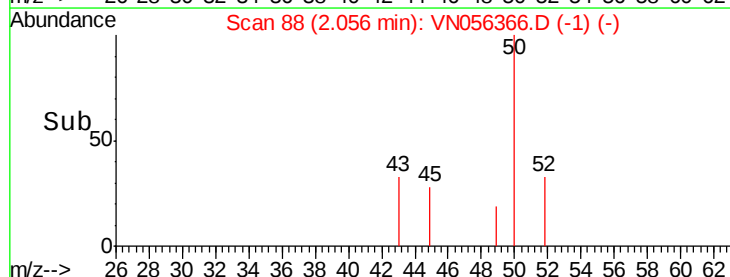
600

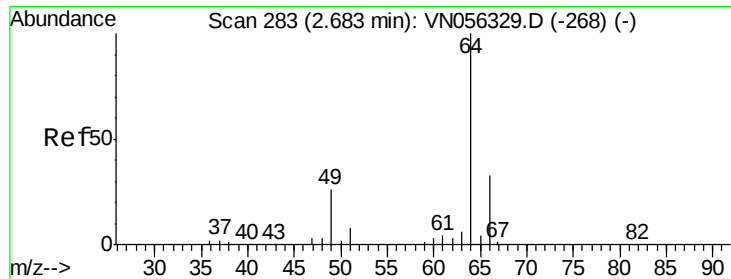
400

200

0

Time--> 2.02 2.04 2.06 2.08 2.10

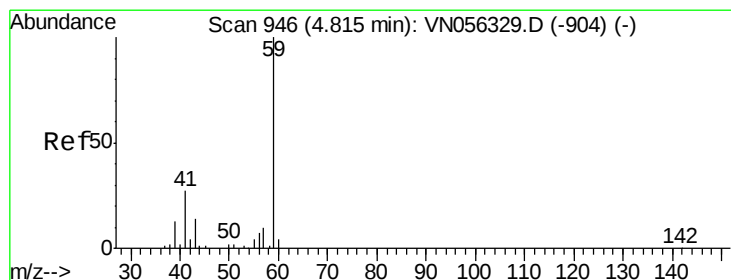
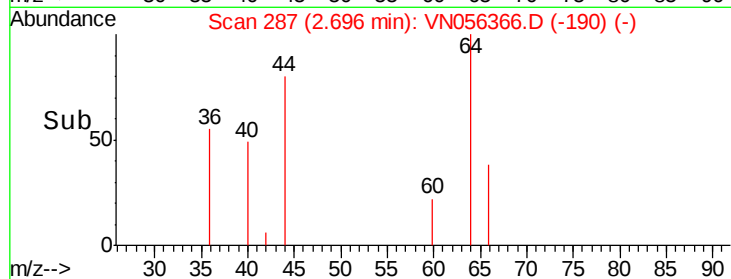
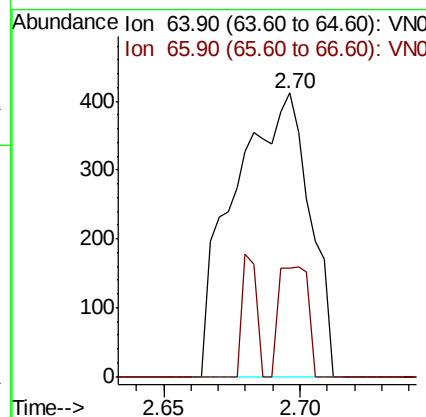
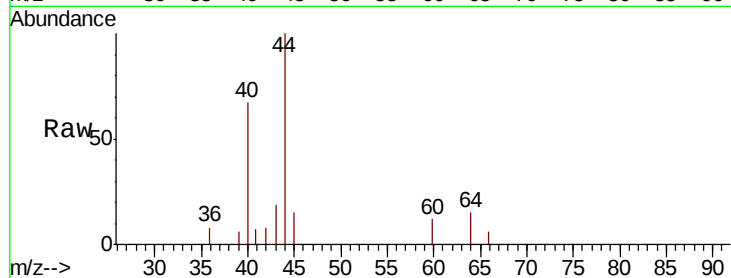




#6
 Chloroethane
 Concen: 0.347 ug/l
 RT: 2.70 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

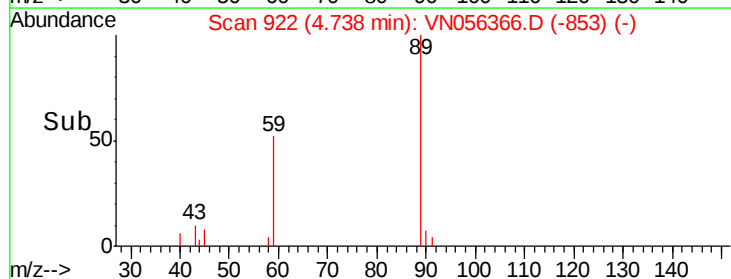
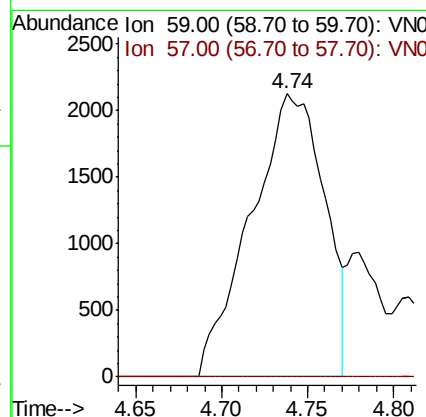
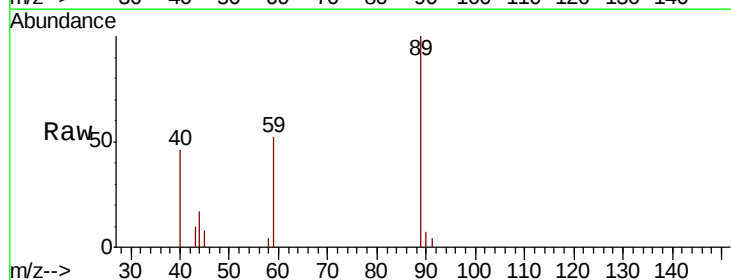
Instrument :
 MSVOA_N
 ClientSampled :

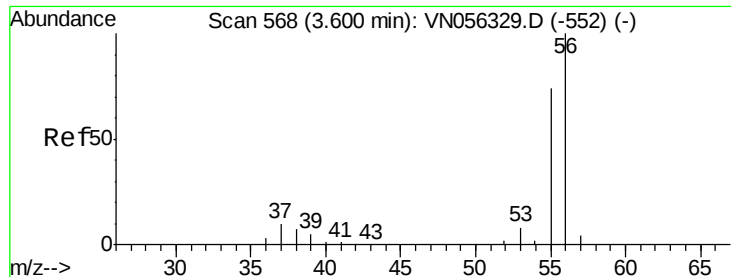
Tot Ion: 64 Resp: 789
 Ion Ratio Lower Upper
 64 100
 66 38.3 26.3 39.5



#11
 Tert butyl alcohol
 Concen: 10.565 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.08 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

Tgt Ion: 59 Resp: 6343
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#





#13

Acrolein

Concen: 3.936 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

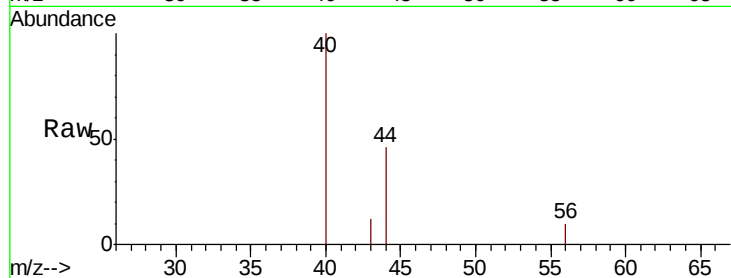
ClientSampleId :

Tot Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

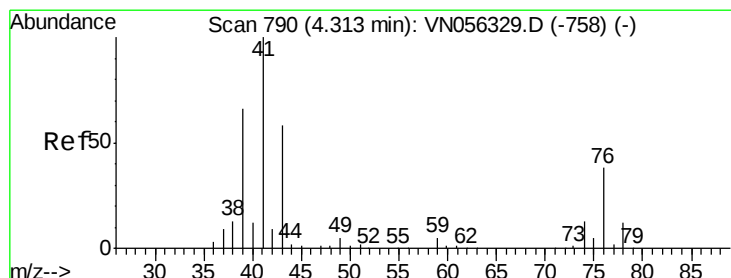
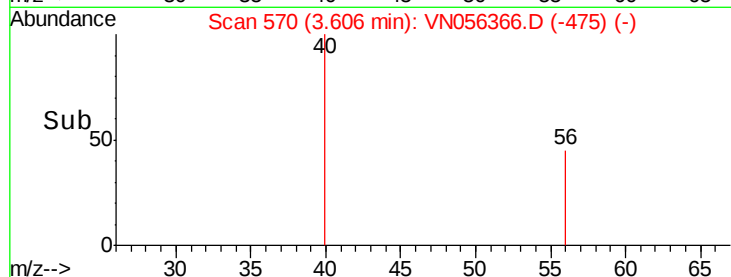
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 0.572 ug/l

RT: 4.27 min Scan# 775

Delta R.T. -0.05 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

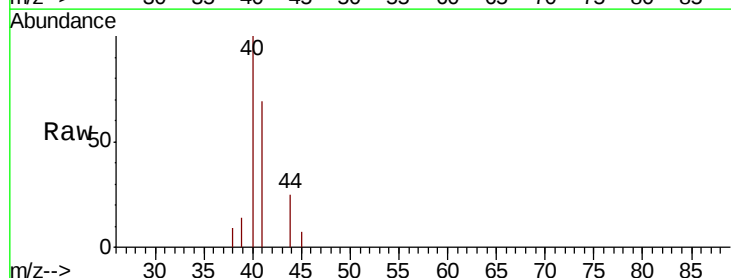
Tgt Ion: 41 Resp: 3021

Ion Ratio Lower Upper

41 100

39 28.7 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

4.27

2000

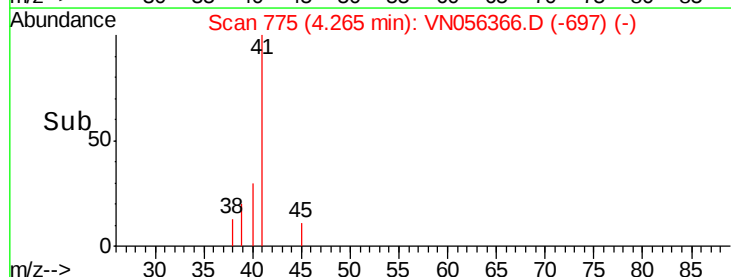
1500

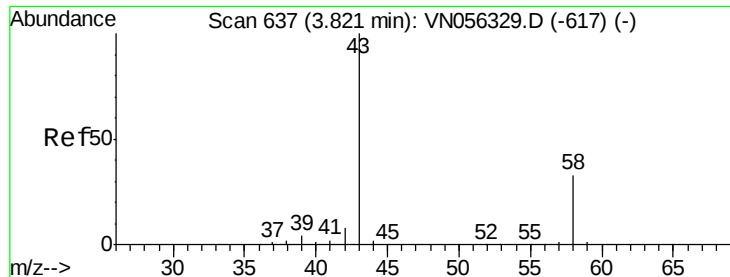
1000

500

0

Time-->





#16

Acetone

Concen: 27.791 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

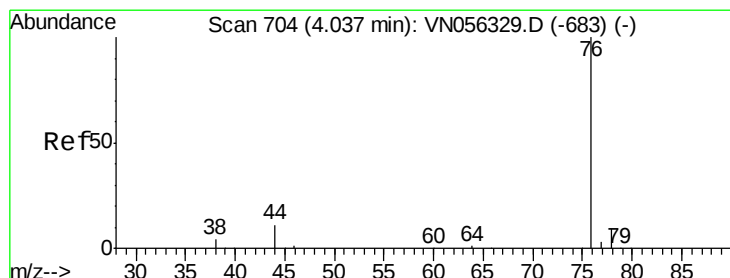
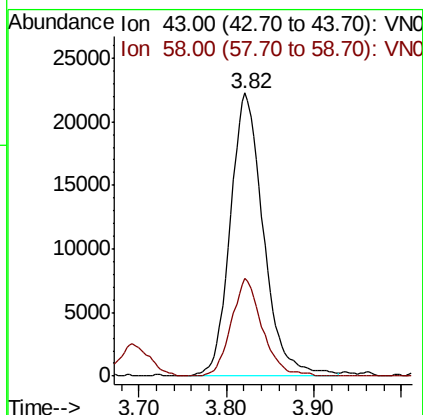
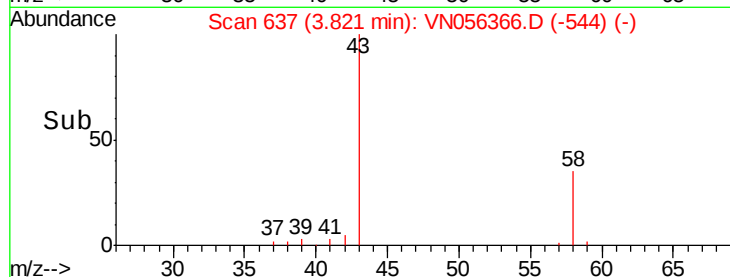
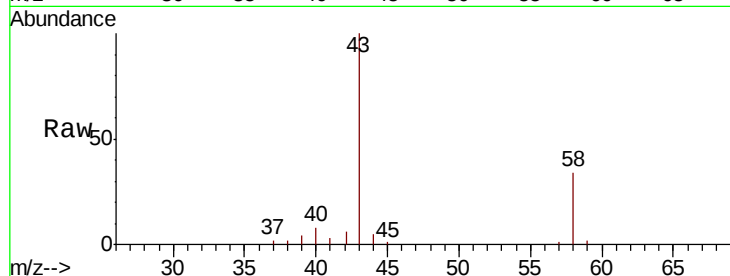
ClientSampleId :

Tot Ion: 43 Resp: 58591

Ion Ratio Lower Upper

43 100

58 34.4 26.5 39.7



#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN056366.D

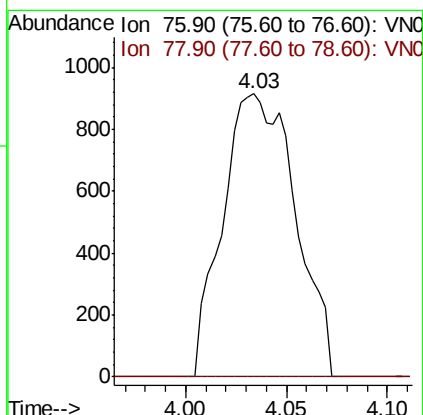
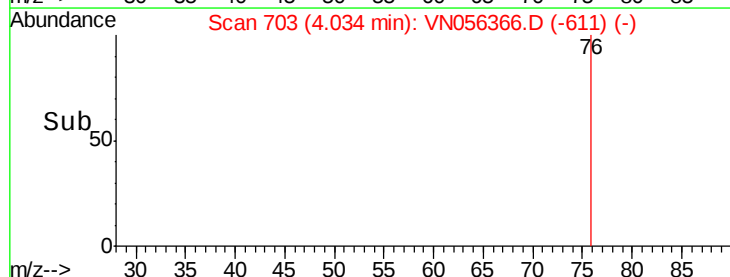
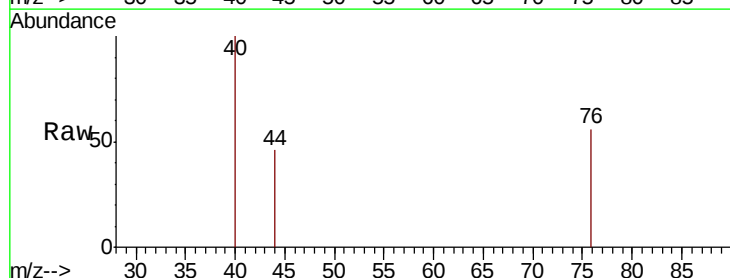
Acq: 18 Jun 2019 15:19

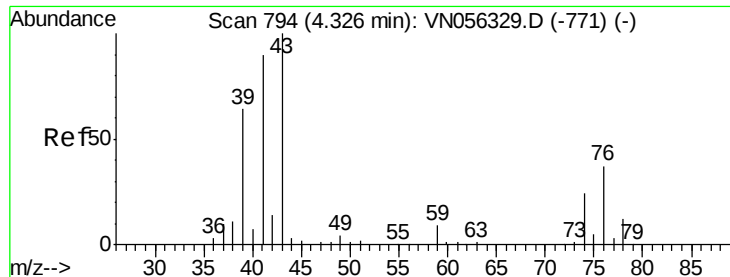
Tgt Ion: 76 Resp: 2299

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

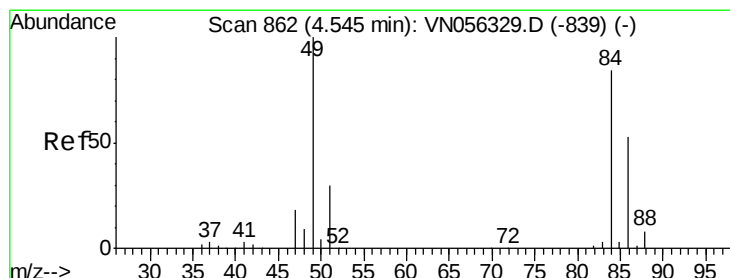
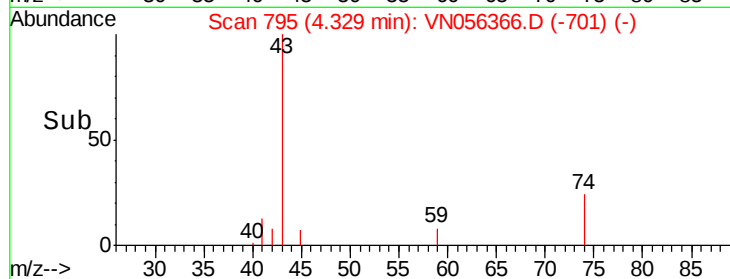
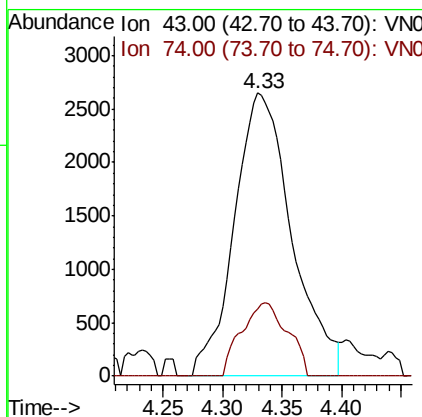
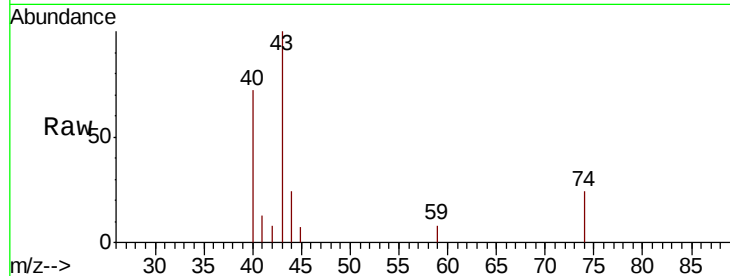




#18
Methyl Acetate
Concen: 0.654 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

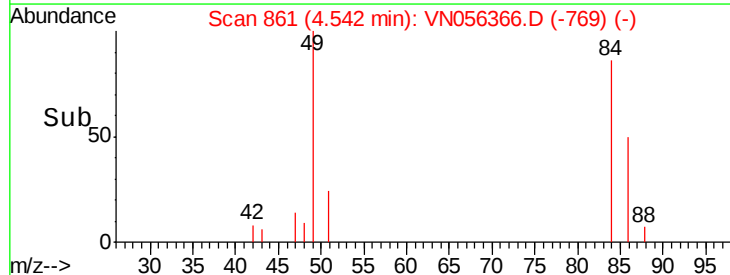
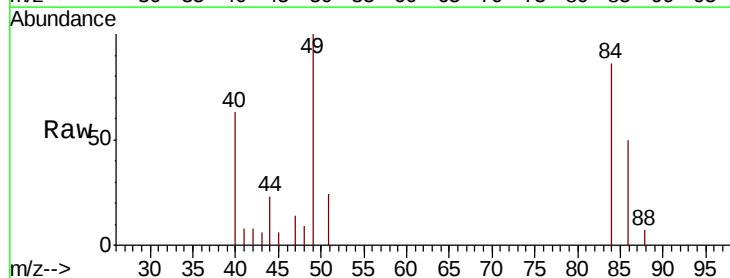
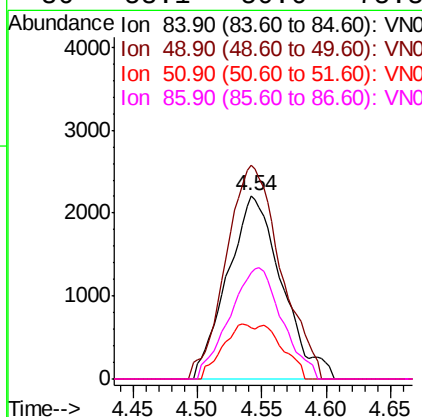
Instrument :
MSVOA_N
ClientSampleId :

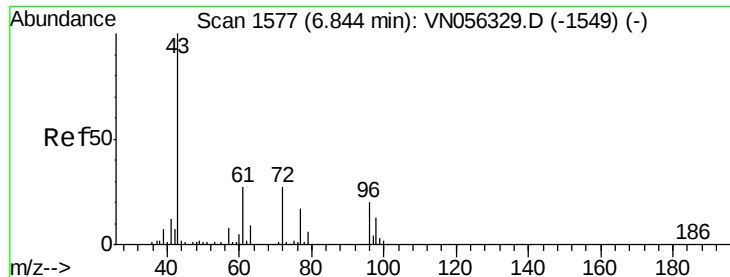
Tot Ion: 43 Resp: 8872
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2



#20
Methylene Chloride
Concen: 1.737 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion: 84 Resp: 6465
Ion Ratio Lower Upper
84 100
49 116.5 95.0 142.6
51 27.8 28.2 42.4#
86 58.1 50.6 75.8

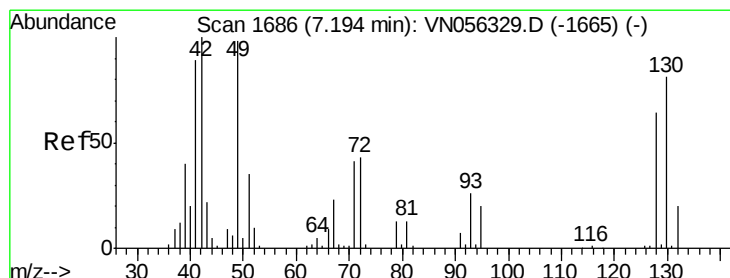
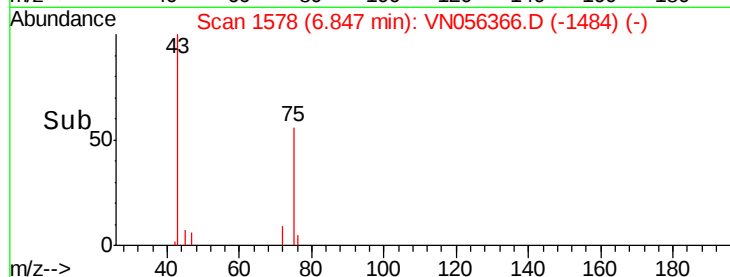
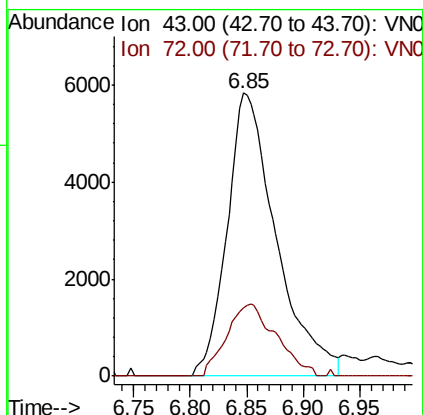
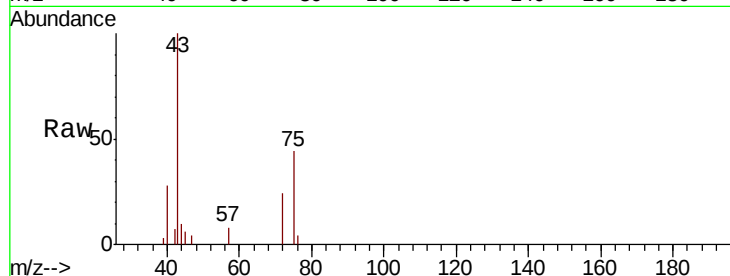




#25
2-Butanone
Concen: 6.882 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

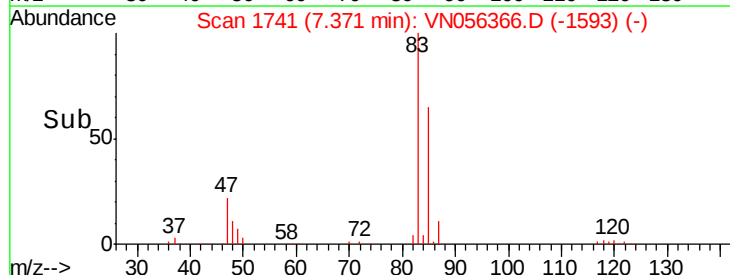
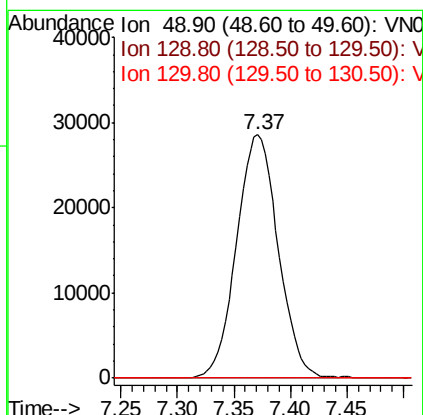
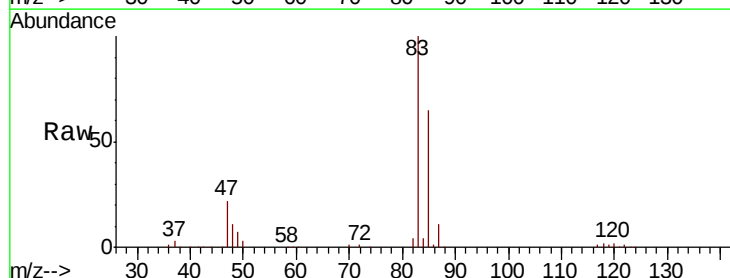
Instrument :
MSVOA_N
ClientSampleId :

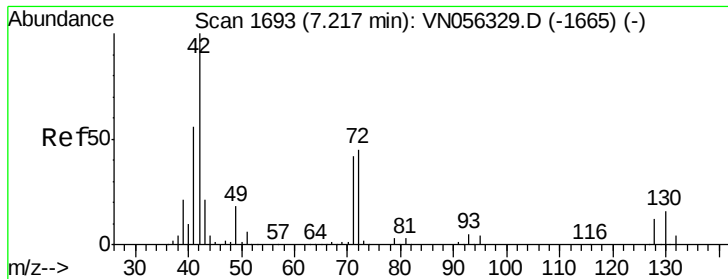
Tot Ion: 43 Resp: 17585
Ion Ratio Lower Upper
43 100
72 24.2 21.4 32.2



#28
Bromochloromethane
Concen: 23.989 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.18 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion: 49 Resp: 73117
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 66.4 99.6#





#29

Tetrahydrofuran

Concen: 0.987 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.15 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

ClientSampleId :

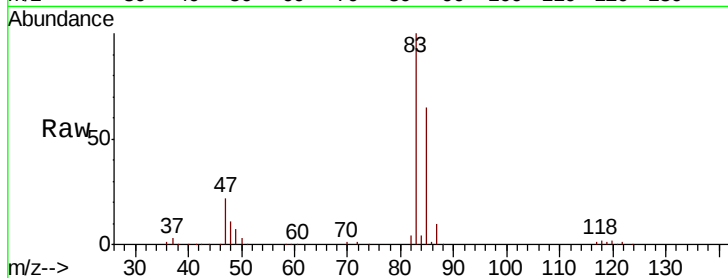
Tot Ion: 42 Resp: 1498

Ion Ratio Lower Upper

42 100

72 399.0 35.3 52.9#

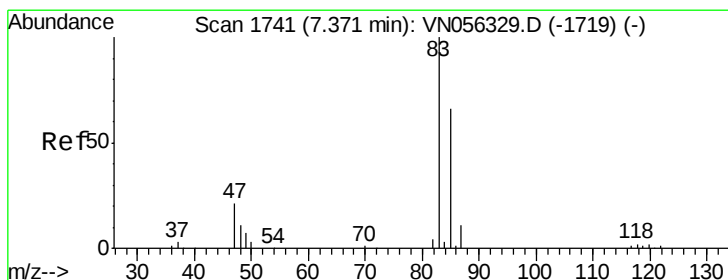
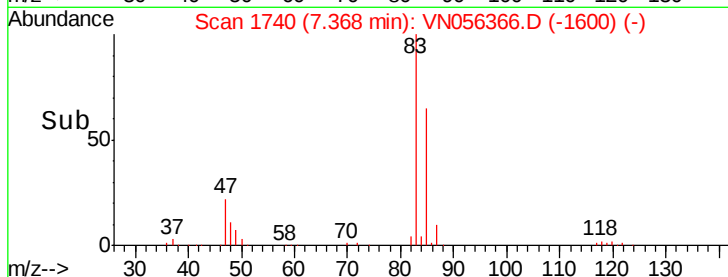
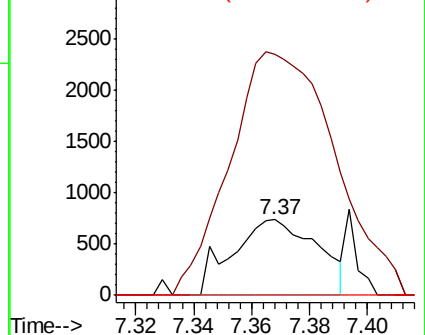
71 0.0 32.7 49.1#



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



#30

Chloroform

Concen: 165.157 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN056366.D

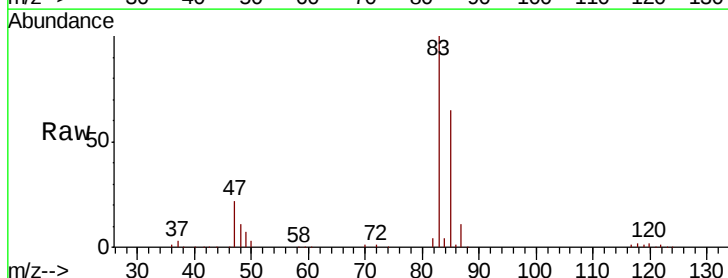
Acq: 18 Jun 2019 15:19

Tgt Ion: 83 Resp: 1001339

Ion Ratio Lower Upper

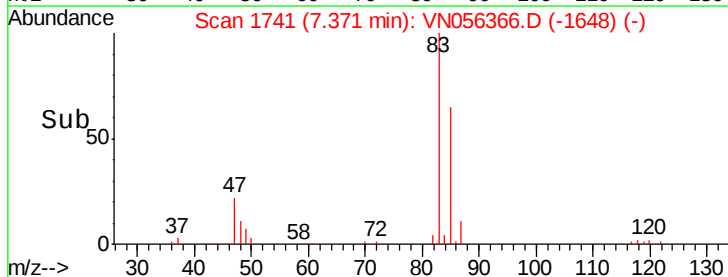
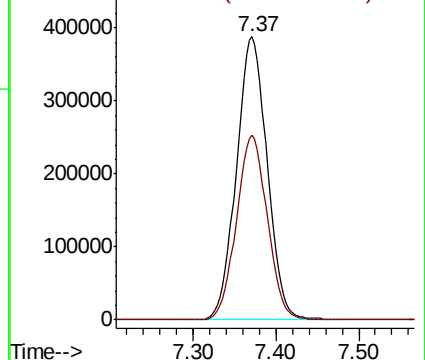
83 100

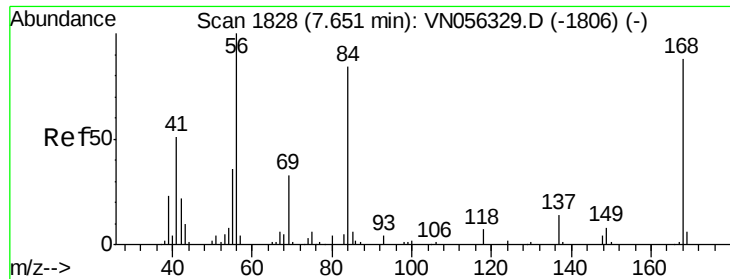
85 65.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

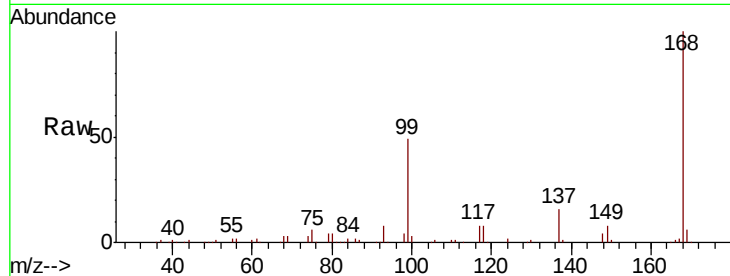




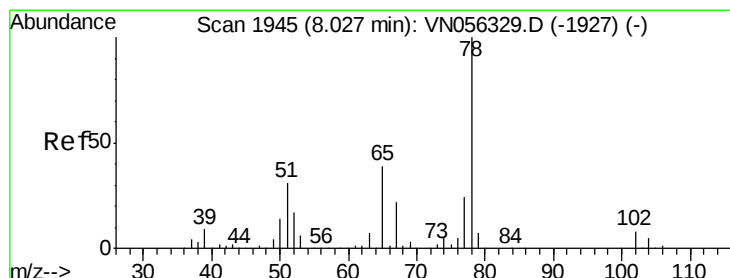
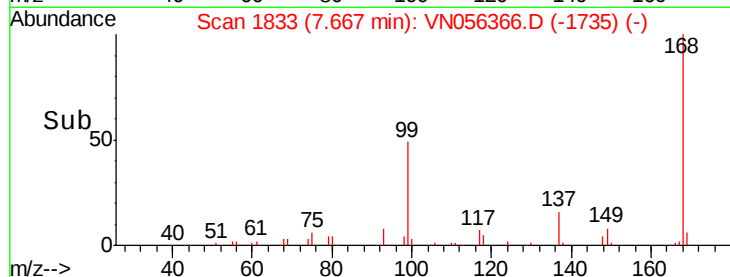
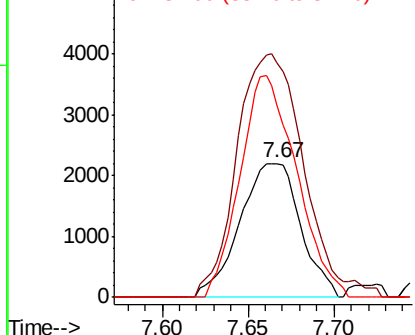
#31
Cyclohexane
Concen: 0.916 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5388
Ion Ratio Lower Upper
56 100
69 175.8 26.0 39.0#
84 143.8 67.4 101.0#

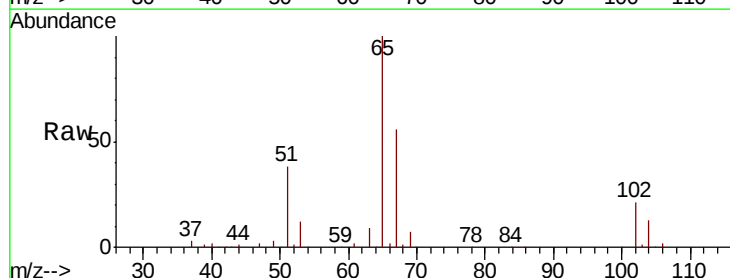


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

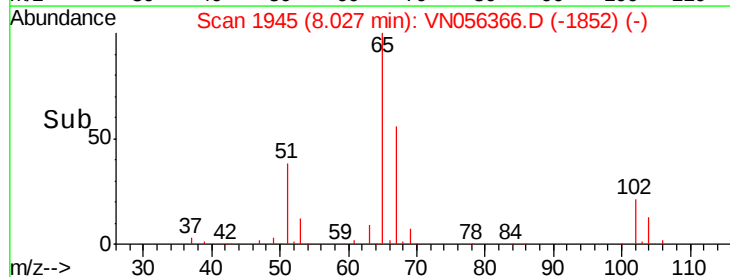
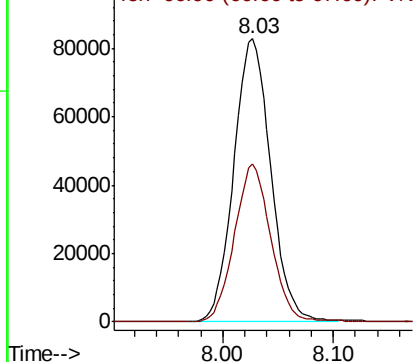


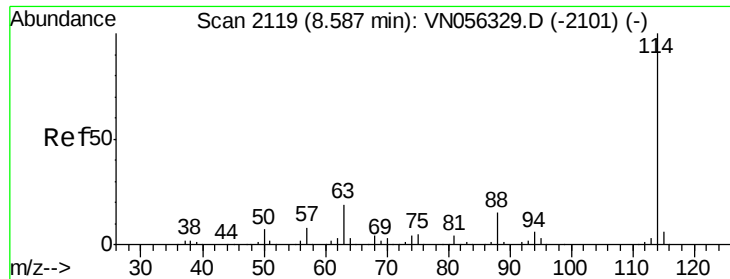
#33
1,2-Dichloroethane-d4
Concen: 50.406 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion: 65 Resp: 192321
Ion Ratio Lower Upper
65 100
67 54.9 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: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

ClientSampleId :

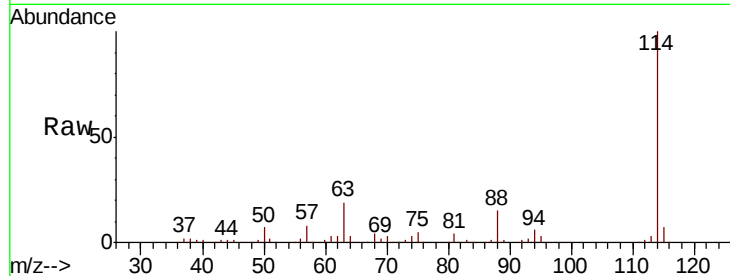
Tot Ion:114 Resp: 565310

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

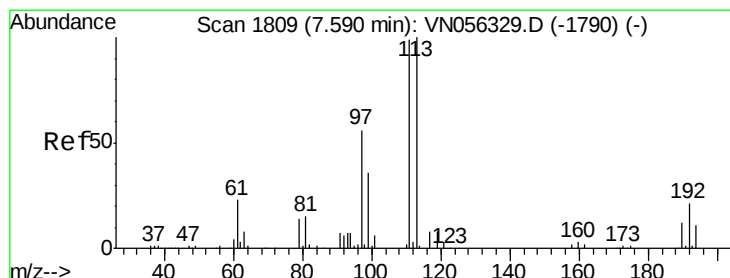
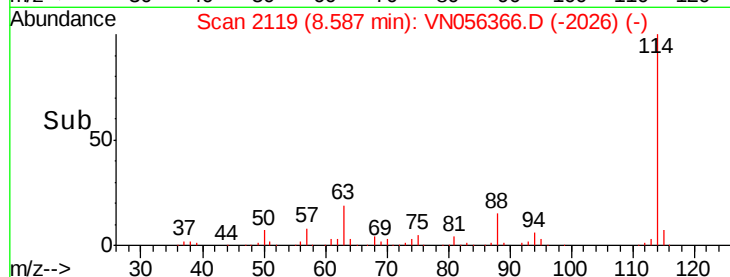
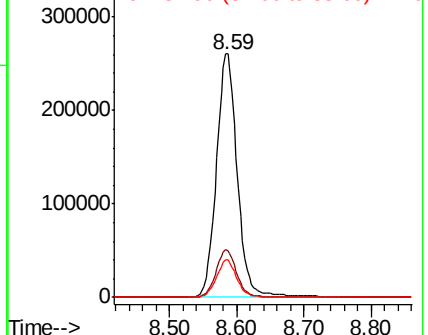
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

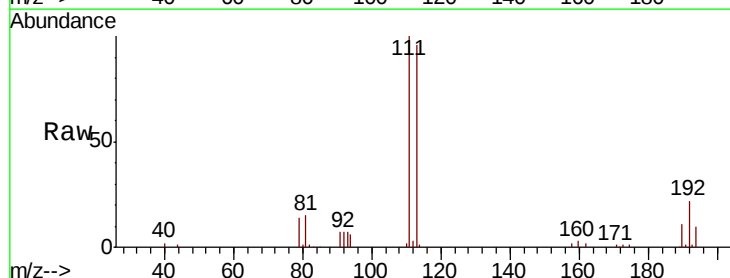
Tgt Ion:113 Resp: 173536

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

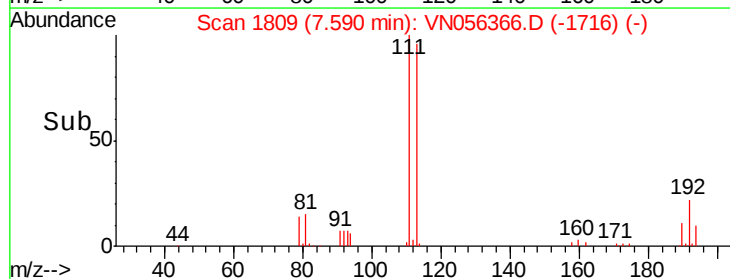
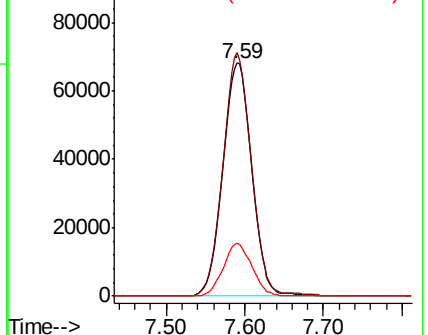
192 22.3 17.6 26.4

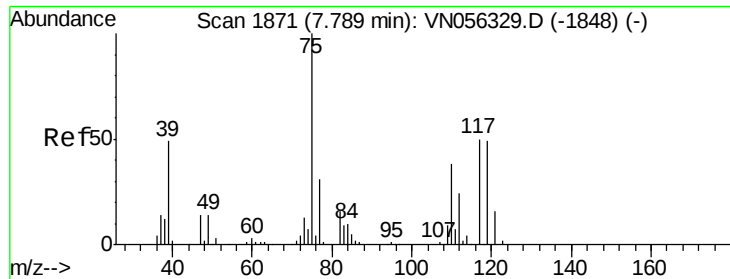


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

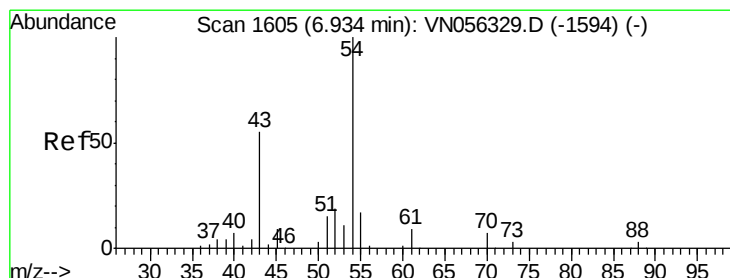
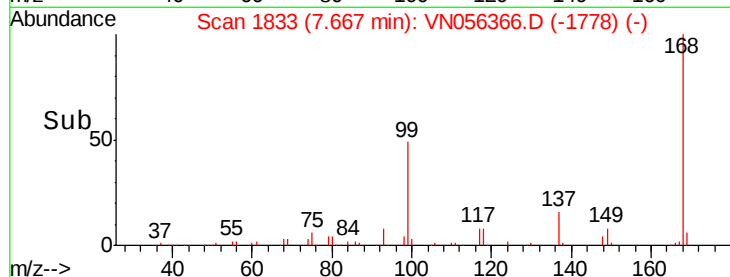
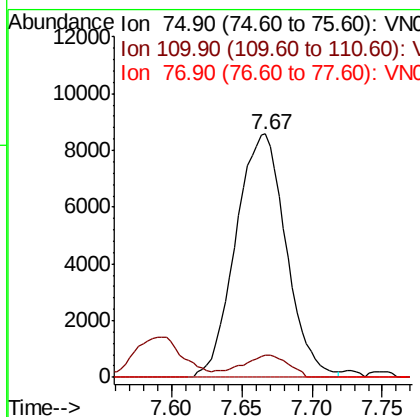
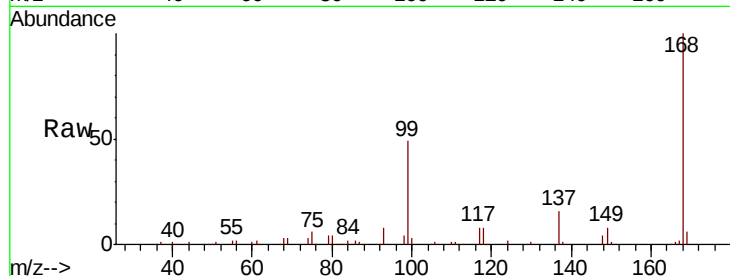




#36
 1,1-Dichloropropene
 Concen: 4.203 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

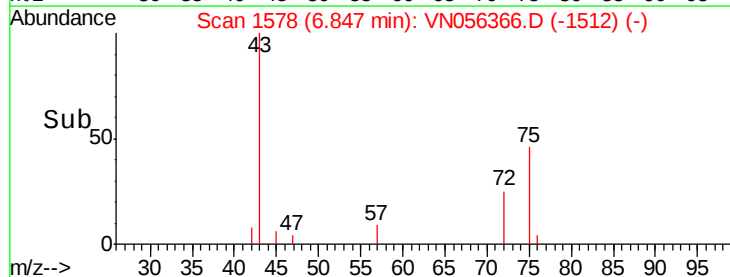
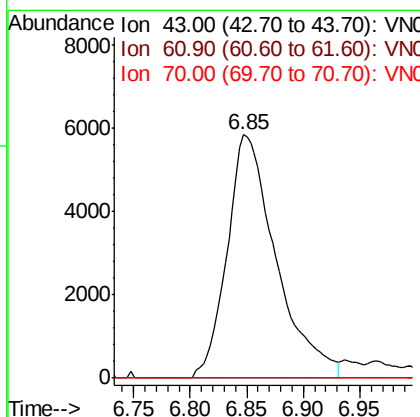
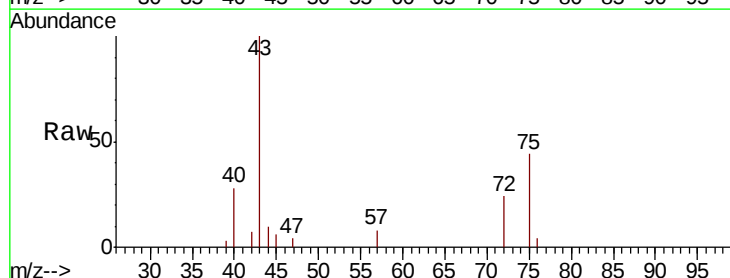
Instrument :
 MSVOA_N
 ClientSampleId :

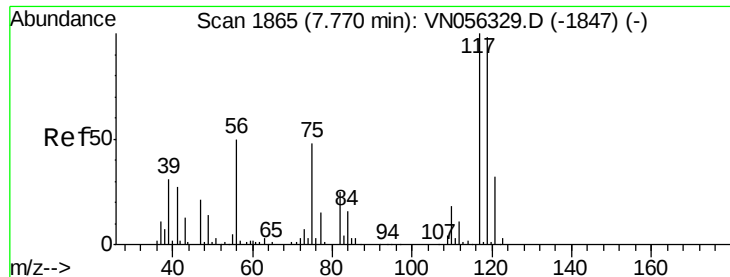
Tot Ion	75	Resp	21381
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.6	56.0#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 3.648 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.09 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

Tgt Ion	43	Resp	17585
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.7	17.5#
70	0.0	8.3	12.5#

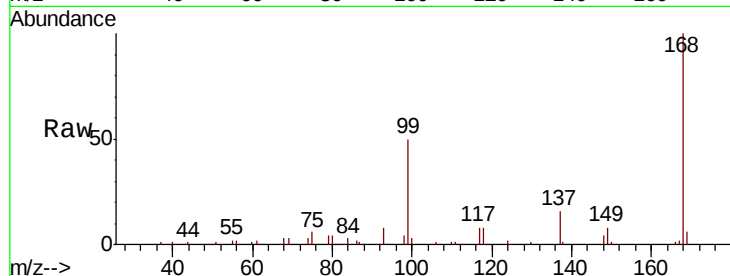




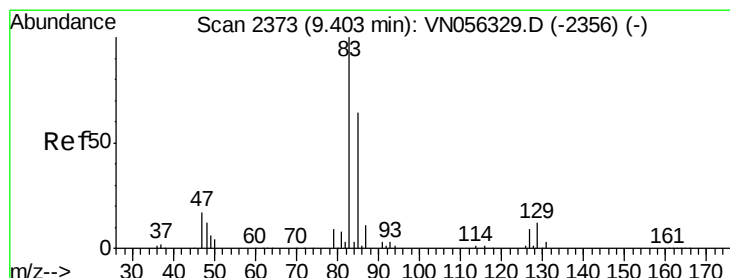
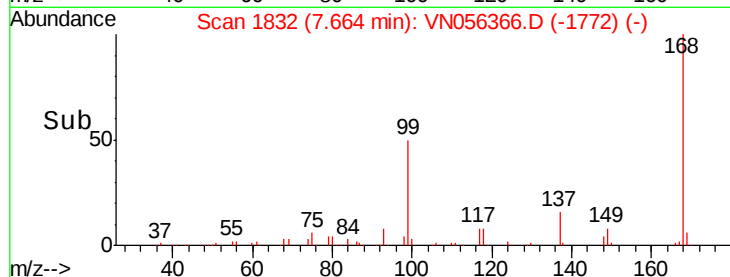
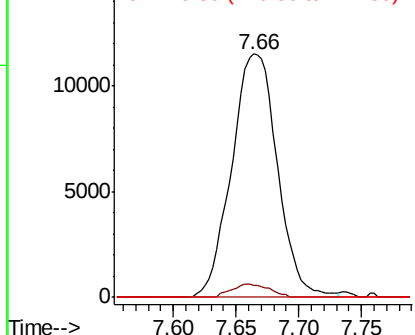
#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 29172
Ion Ratio Lower Upper
117 100
119 4.9 77.8 116.8#
121 0.0 25.3 37.9#

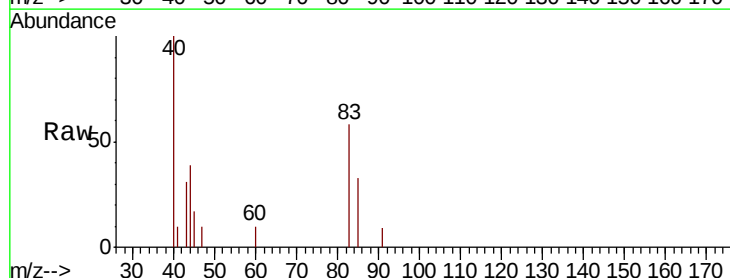


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

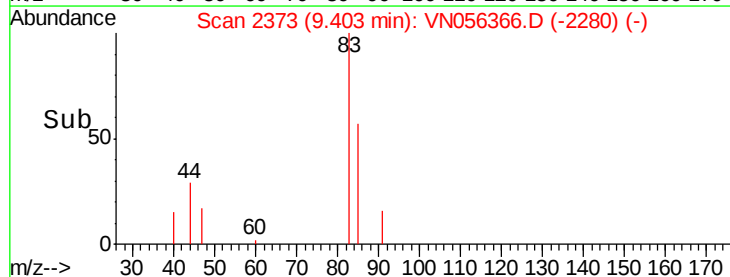
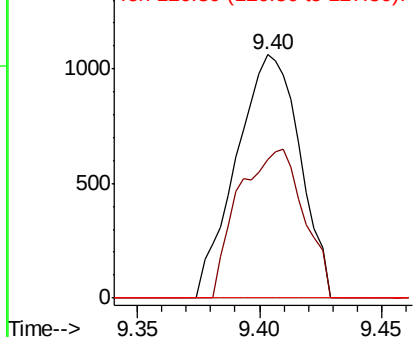


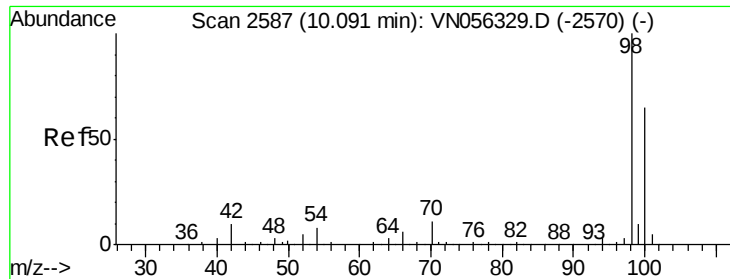
#47
Bromodichloromethane
Concen: 0.371 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion: 83 Resp: 1919
Ion Ratio Lower Upper
83 100
85 56.8 51.1 76.7
127 0.0 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 50.448 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

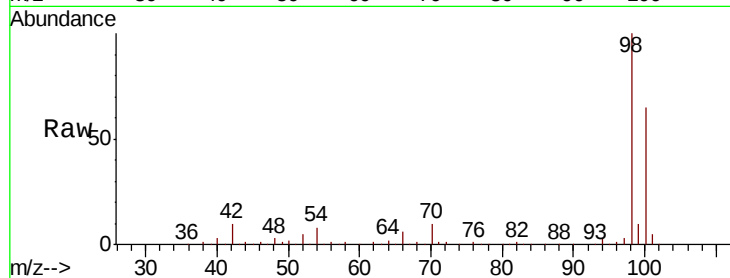
ClientSampled :

Tot Ion: 98 Resp: 698670

Ion Ratio Lower Upper

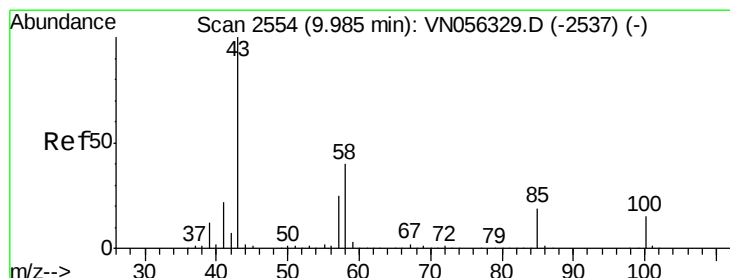
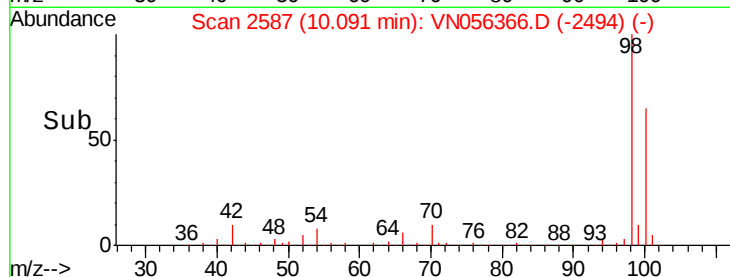
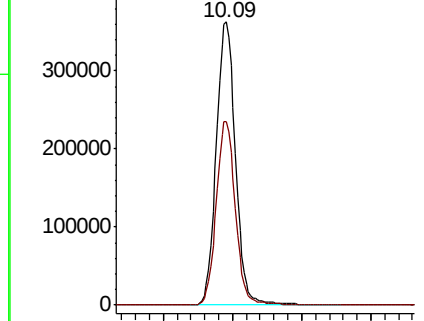
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 2.216 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056366.D

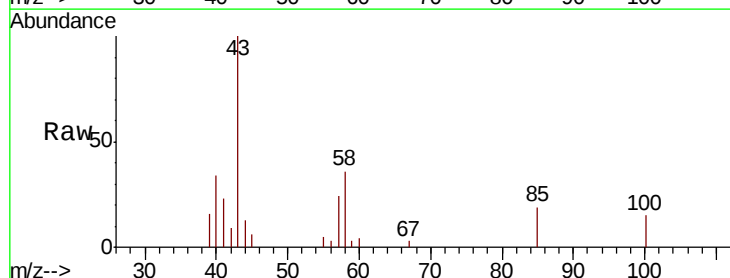
Acq: 18 Jun 2019 15:19

Tgt Ion: 43 Resp: 10890

Ion Ratio Lower Upper

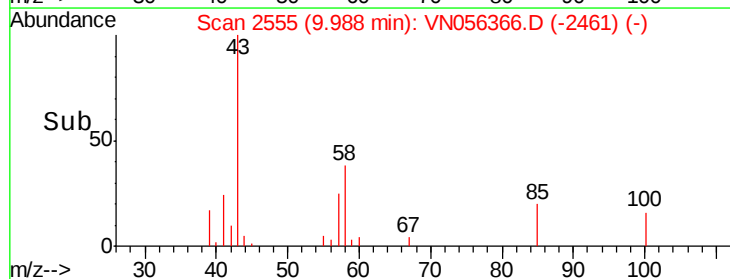
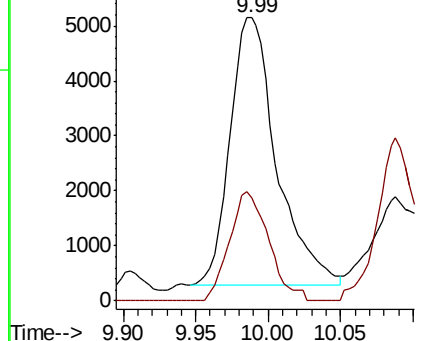
43 100

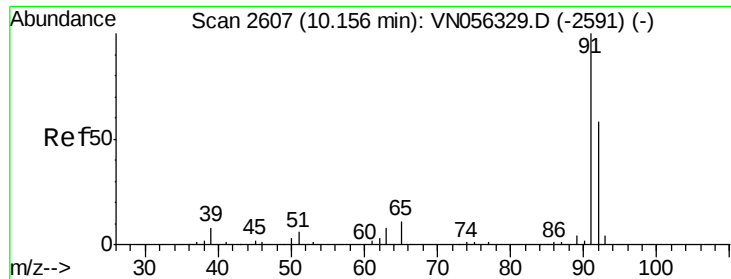
58 34.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 4.628 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

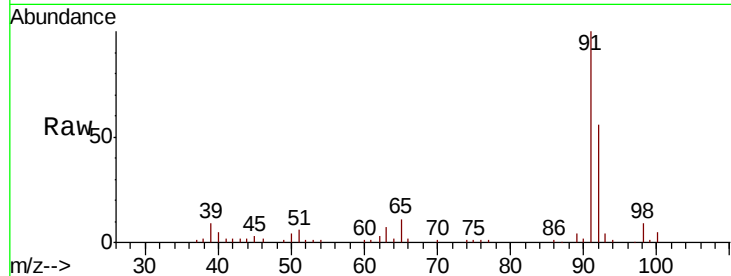
ClientSampled :

Tot Ion: 92 Resp: 43592

Ion Ratio Lower Upper

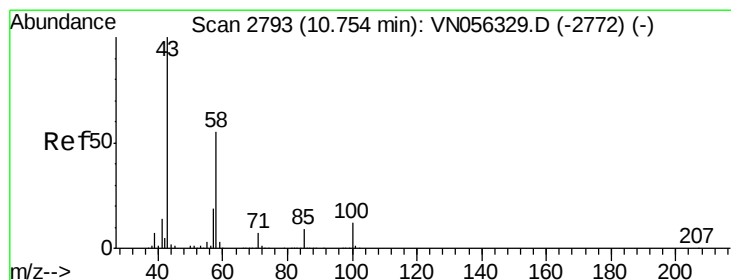
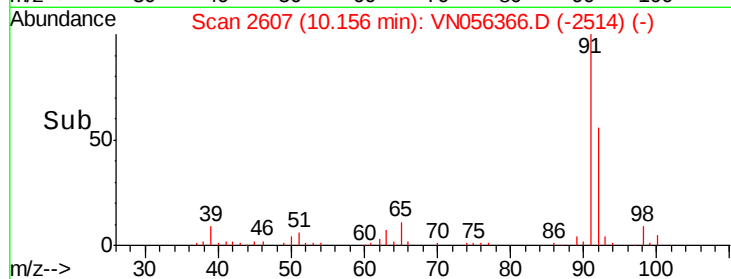
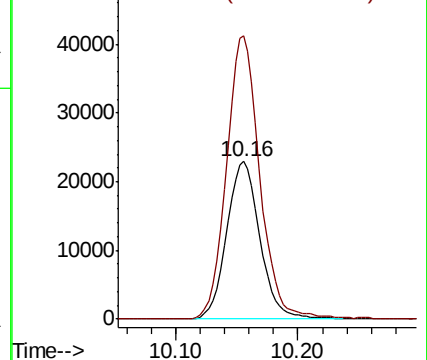
92 100

91 180.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#59

2-Hexanone

Concen: 0.969 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN056366.D

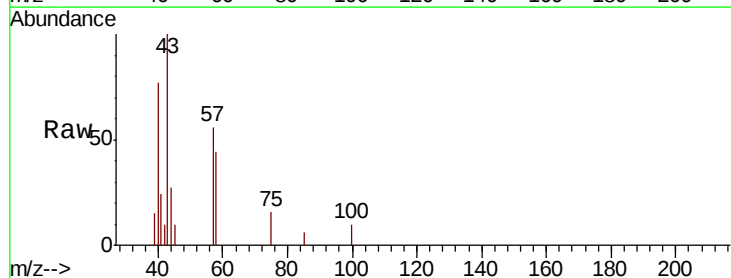
Acq: 18 Jun 2019 15:19

Tgt Ion: 43 Resp: 3532

Ion Ratio Lower Upper

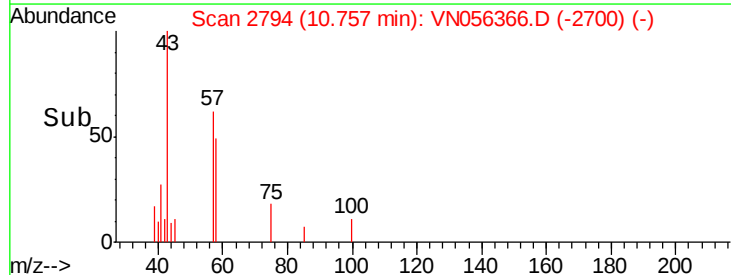
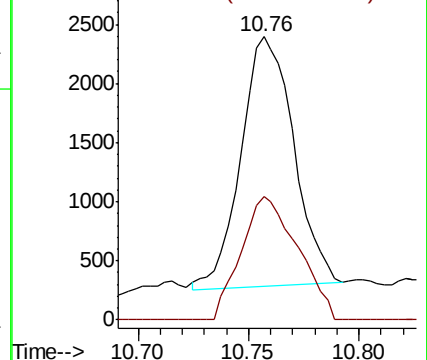
43 100

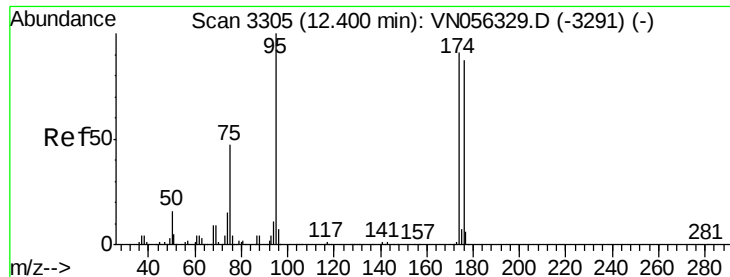
58 52.6 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.772 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

ClientSampleId :

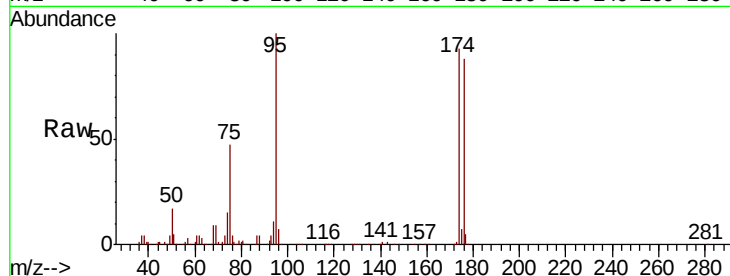
Tot Ion: 95 Resp: 246775

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.6

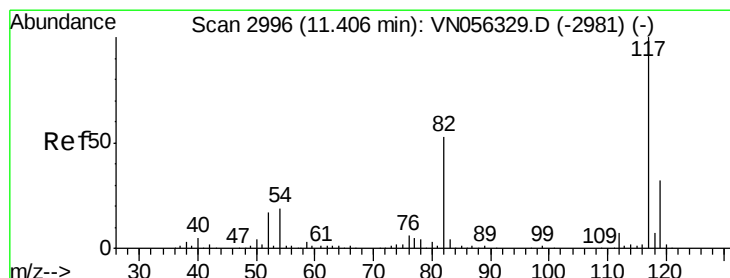
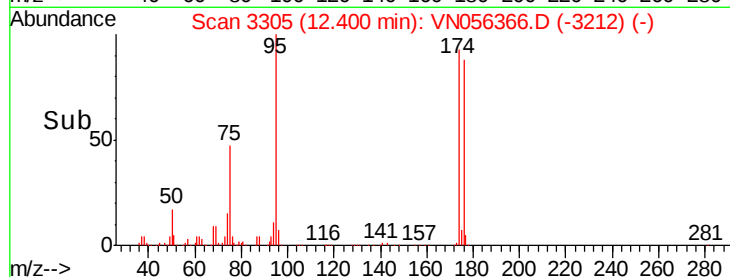
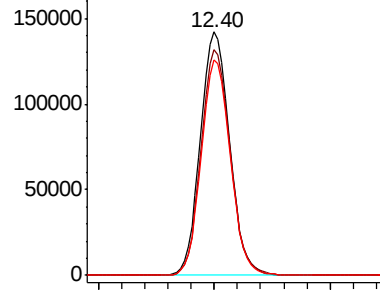
176 88.0 0.0 176.8



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: VN056366.D

Acq: 18 Jun 2019 15:19

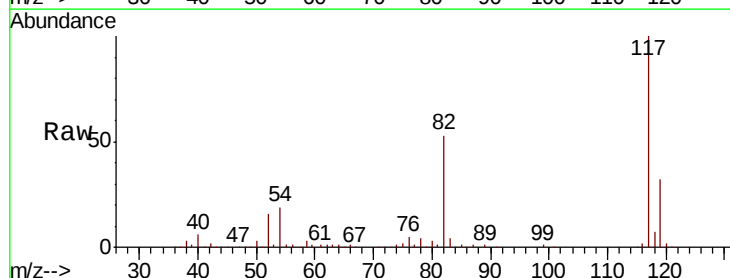
Tgt Ion: 117 Resp: 569759

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

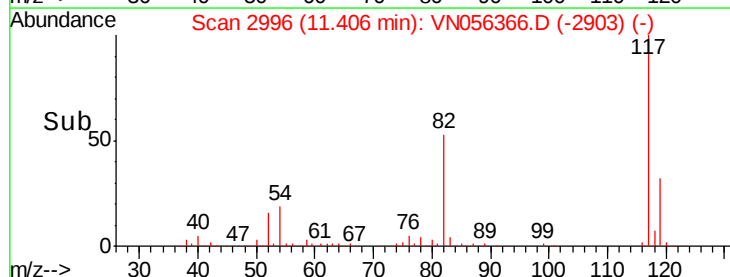
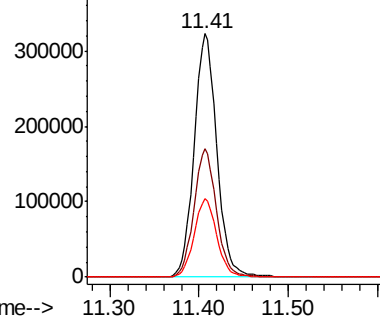
119 32.3 26.0 39.0

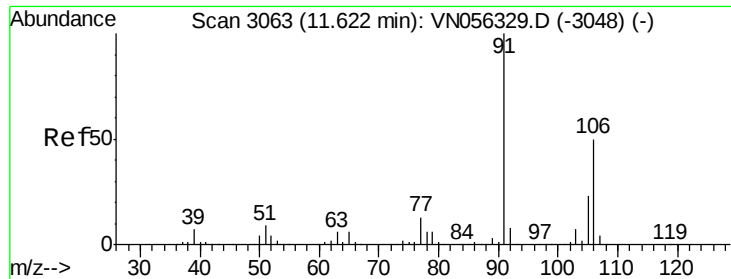


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

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

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

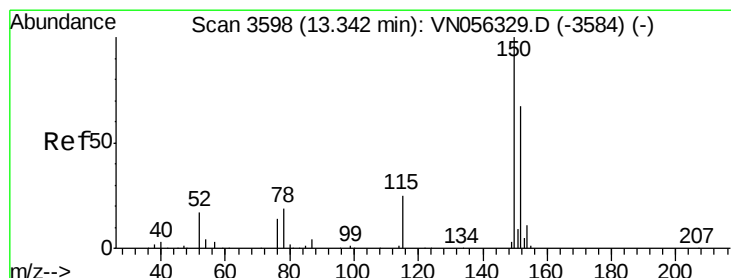
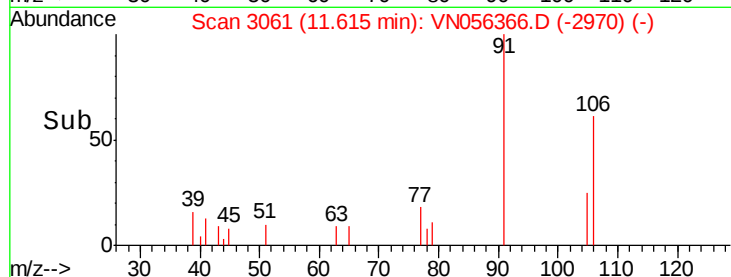
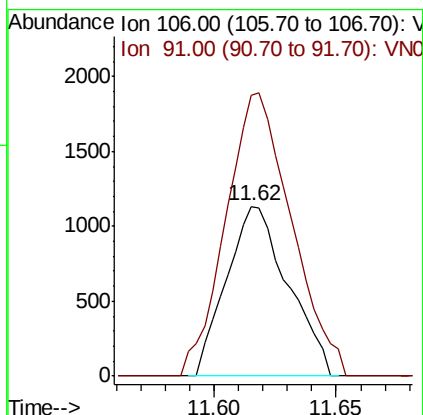
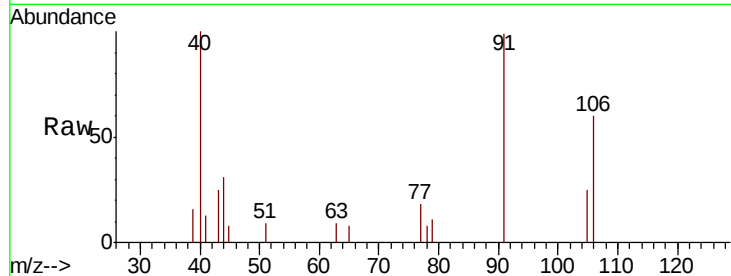




#68
m/p-Xvlenes
Concen: 0.267 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

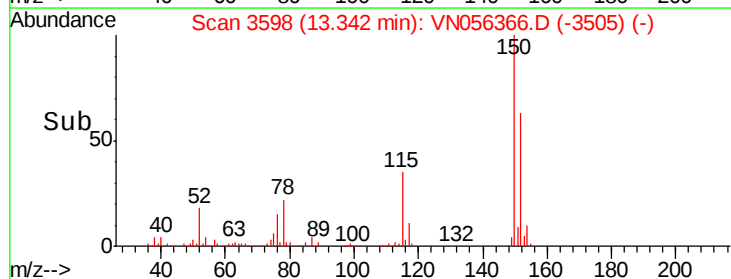
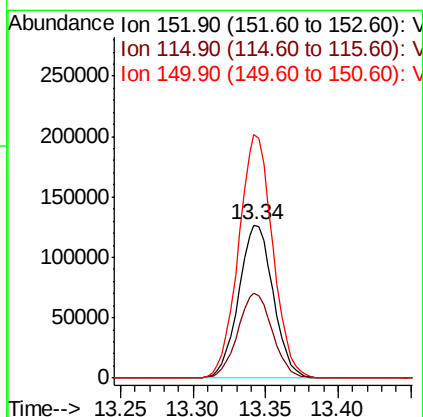
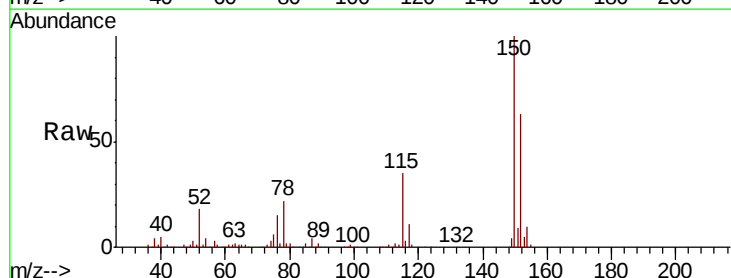
Instrument :
MSVOA_N
ClientSampleId :

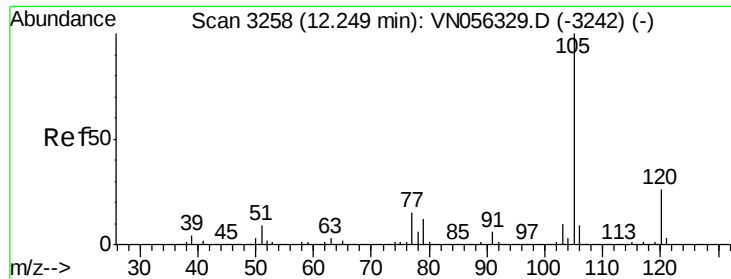
Tot Ion:106 Resp: 1981
Ion Ratio Lower Upper
106 100
91 178.0 160.7 241.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion:152 Resp: 209710
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 157.2 0.0 345.8





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

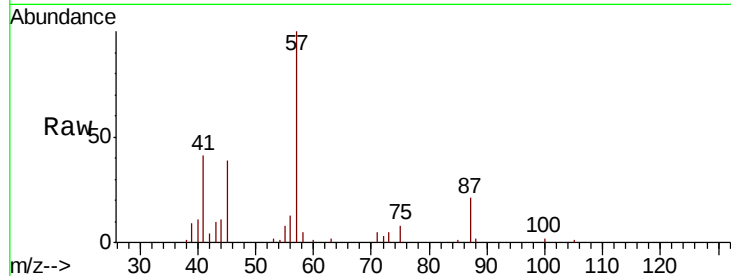
ClientSampleId :

Tot Ion: 105 Resp: 98

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

150

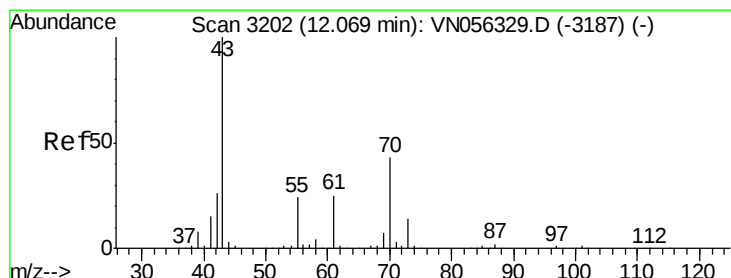
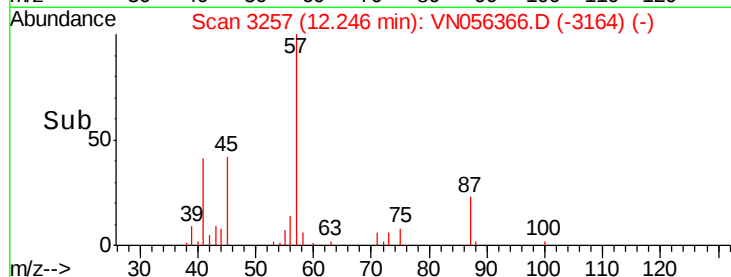
100

50

0

Time-->

12.23 12.24 12.25 12.26



#74

N-ethyl acetate

Concen: 0.618 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Tgt Ion: 43 Resp: 4075

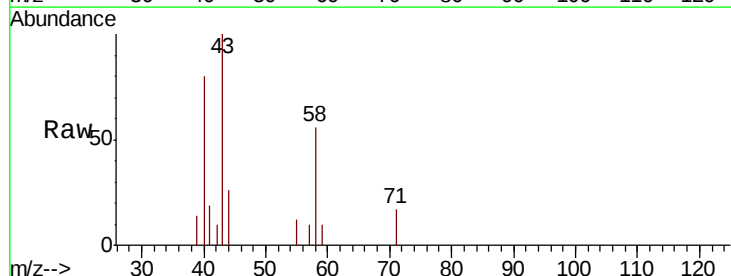
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 12.8 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

3000

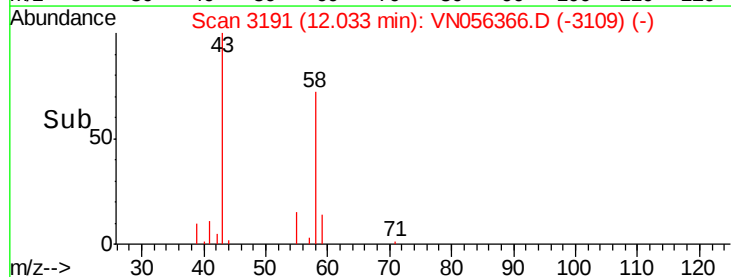
2000

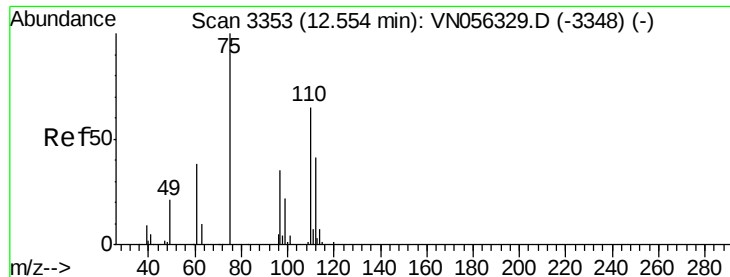
1000

0

Time-->

12.00 12.05

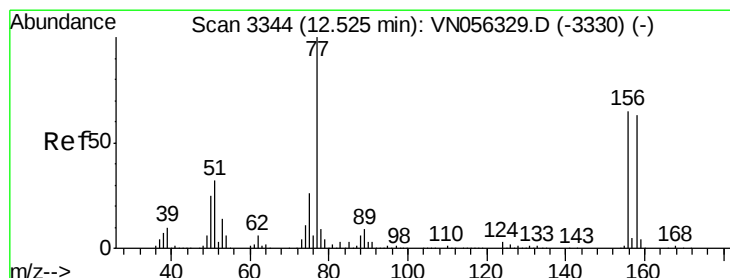
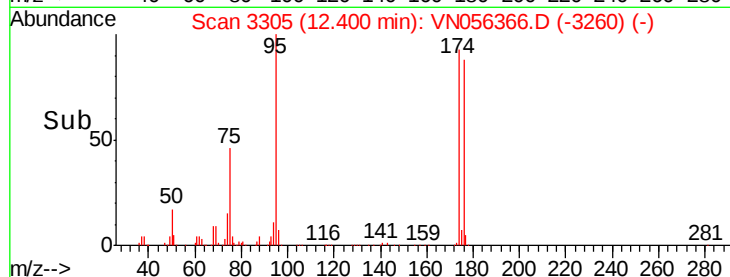
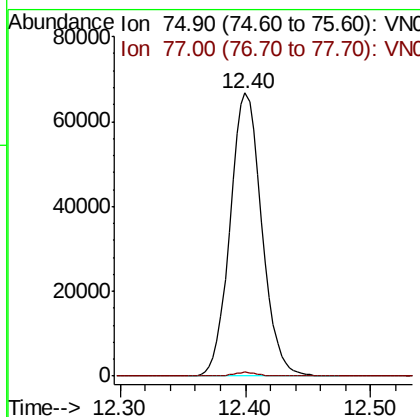
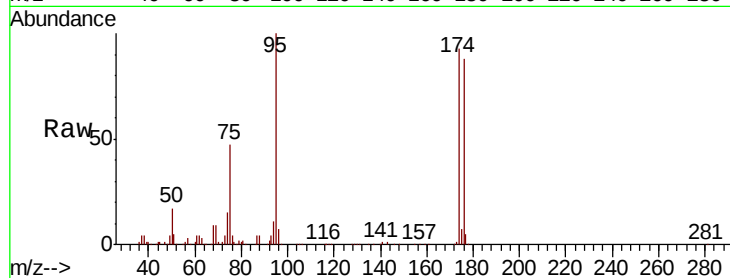




#76
 1,2,3-Trichloropropane
 Concen: 26.140 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

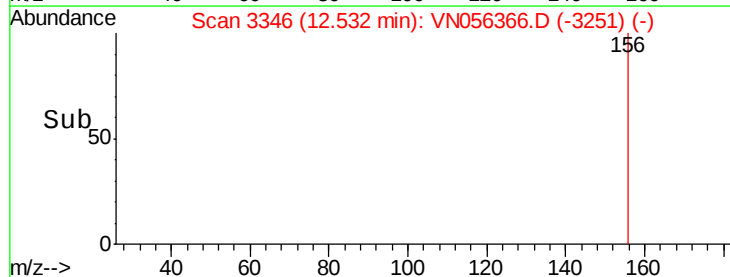
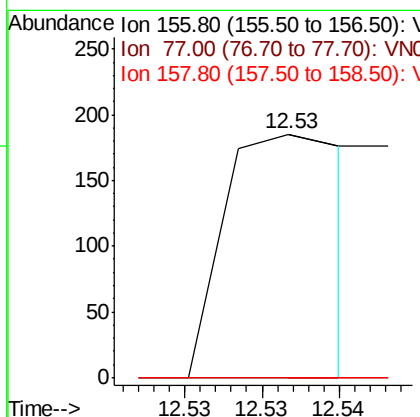
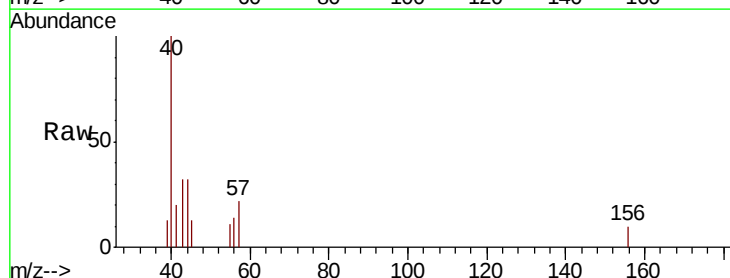
Instrument :
 MSVOA_N
 ClientSampleId :

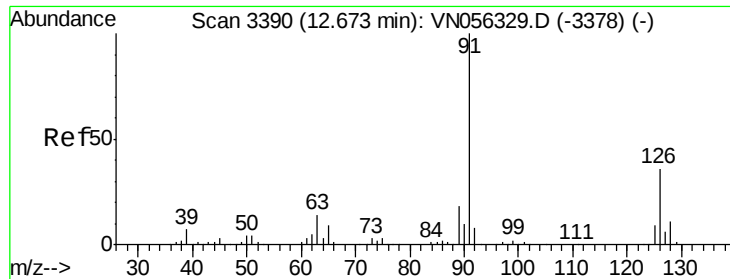
Tot Ion: 75 Resp: 117119
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.53 min Scan# 3346
 Delta R.T. 0.01 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

Tgt Ion: 156 Resp: 103
 Ion Ratio Lower Upper
 156 100
 77 0.0 92.9 278.7#
 158 0.0 49.0 147.2#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

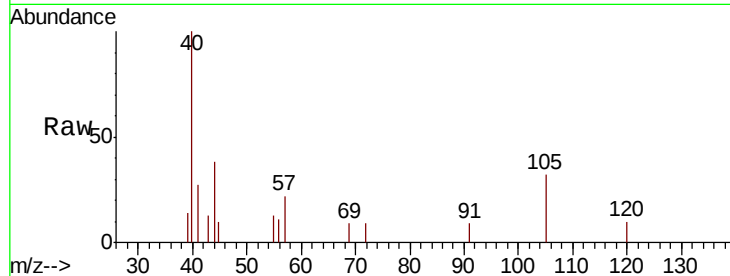
ClientSampleId :

Tot Ion: 91 Resp: 60

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

12.67

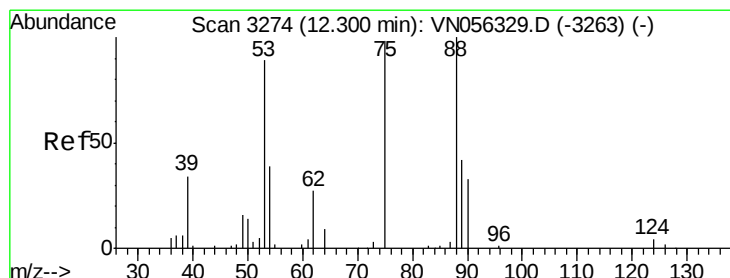
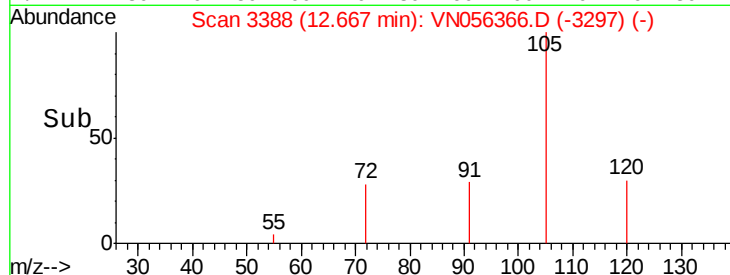
150

100

50

0

Time--> 12.65 12.66 12.67



#81

trans-1,4-Dichloro-2-butene

Concen: 2.620 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

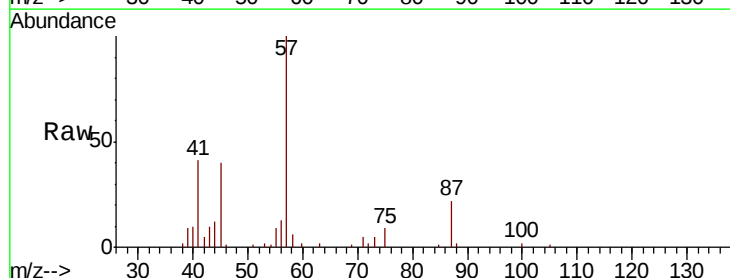
Tgt Ion: 75 Resp: 3779

Ion Ratio Lower Upper

75 100

53 22.8 73.5 110.3#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

2000

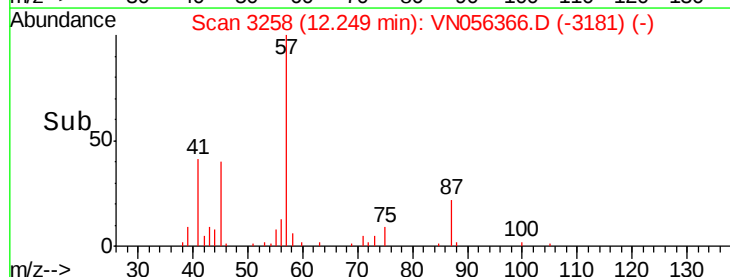
1500

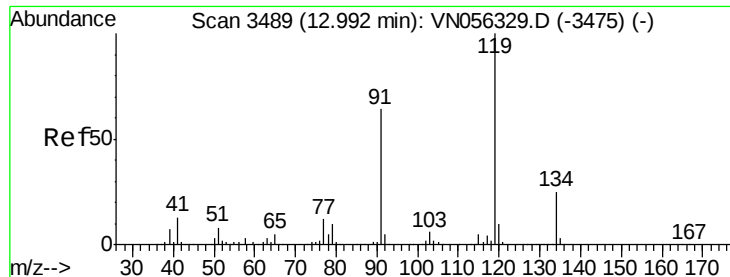
1000

500

0

Time--> 12.20 12.25 12.30

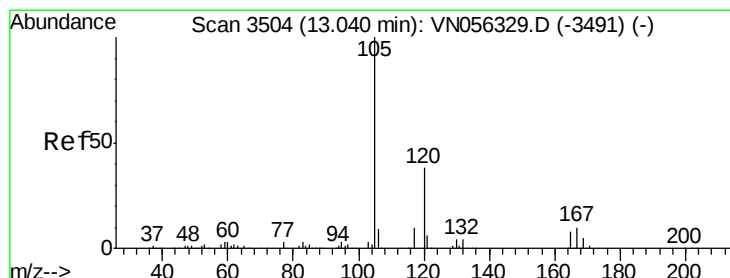
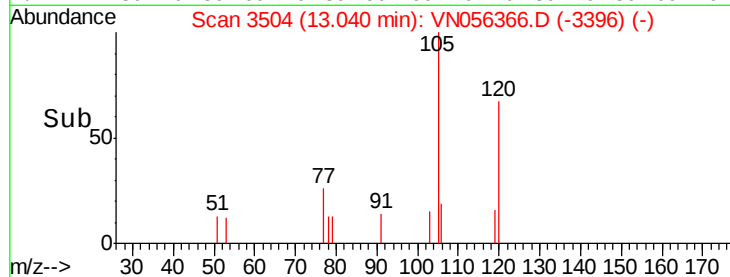
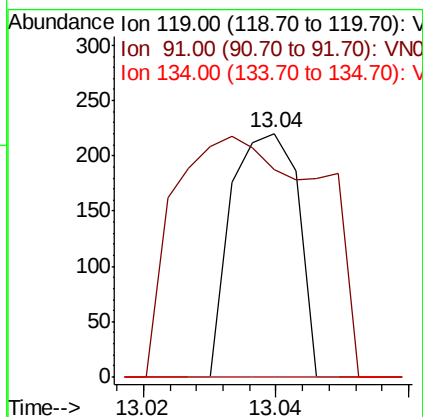
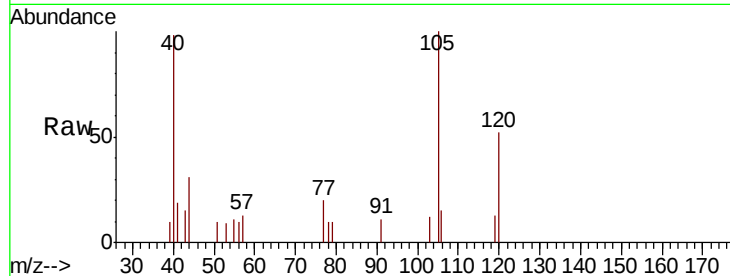




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

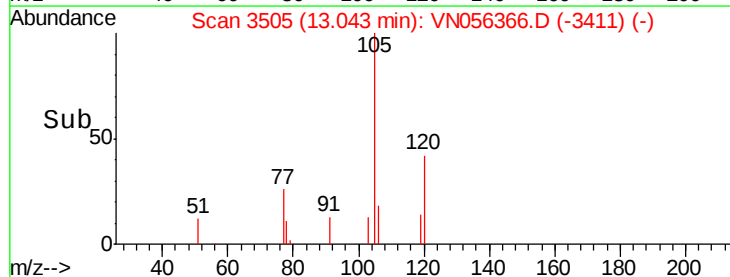
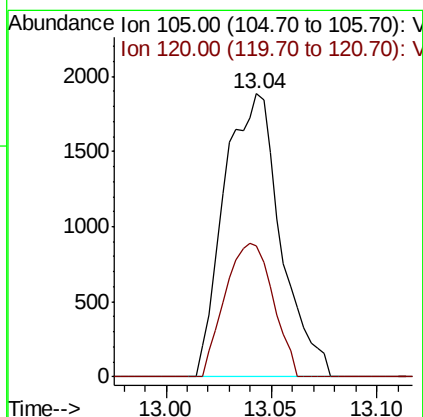
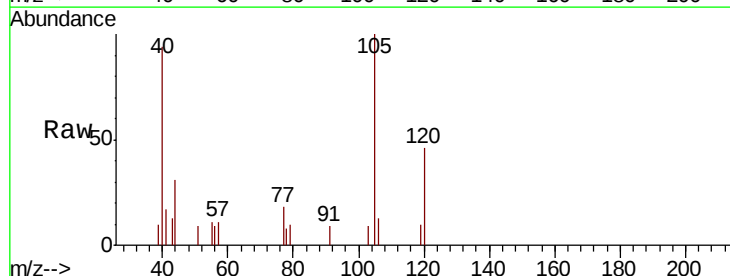
Instrument :
MSVOA_N
ClientSampleId :

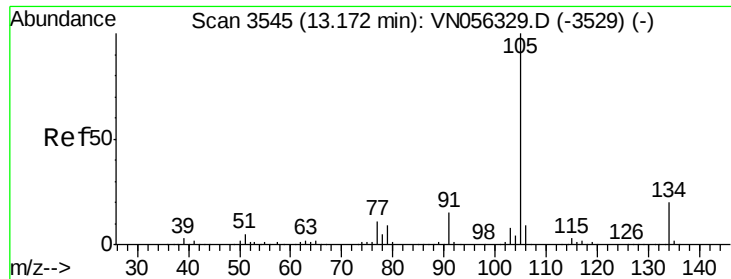
Tot Ion:119 Resp: 153
Ion Ratio Lower Upper
119 100
91 216.3 31.5 94.5#
134 0.0 13.6 40.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN056366.D
Acq: 18 Jun 2019 15:19

Tgt Ion:105 Resp: 3508
Ion Ratio Lower Upper
105 100
120 39.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.212 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.13 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

Instrument :

MSVOA_N

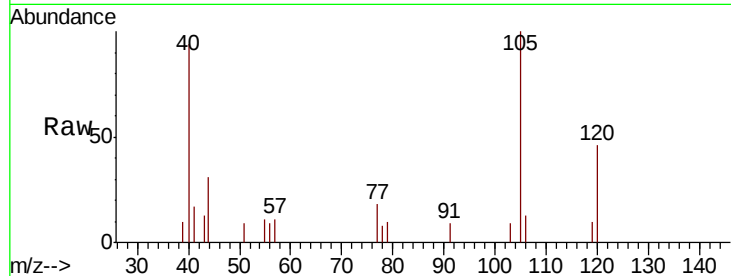
ClientSampled :

Tot Ion:105 Resp: 3508

Ion Ratio Lower Upper

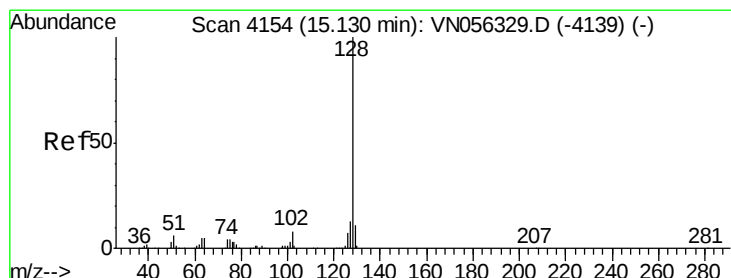
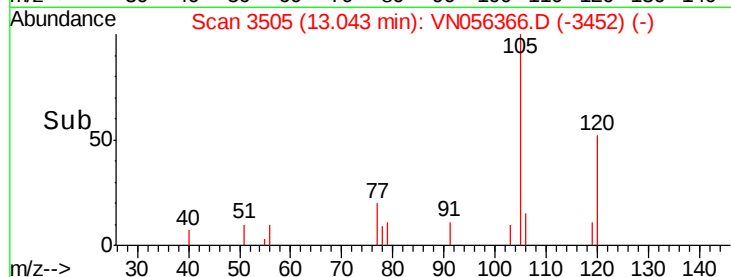
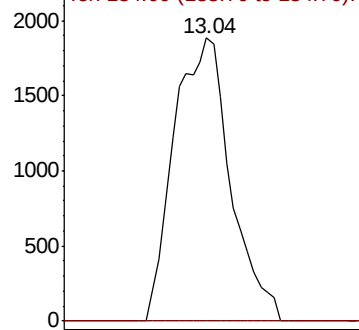
105 100

134 0.0 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 4.862 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056366.D

Acq: 18 Jun 2019 15:19

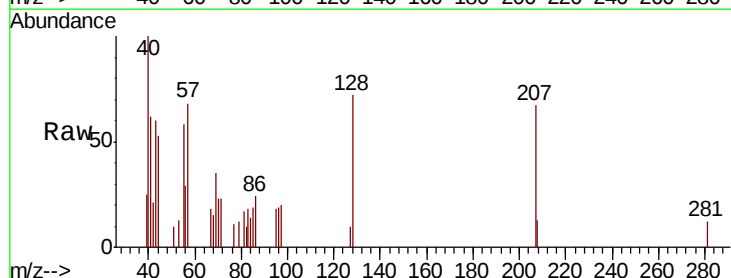
Tgt Ion:128 Resp: 2136

Ion Ratio Lower Upper

128 100

127 5.0 10.6 15.8#

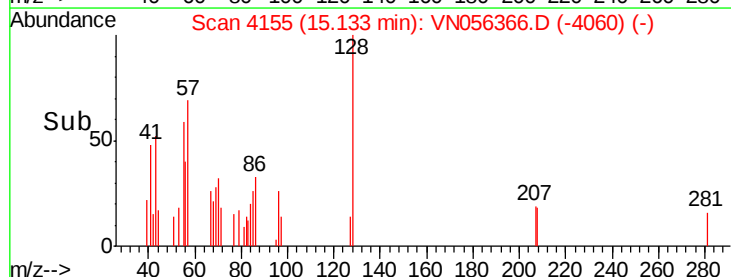
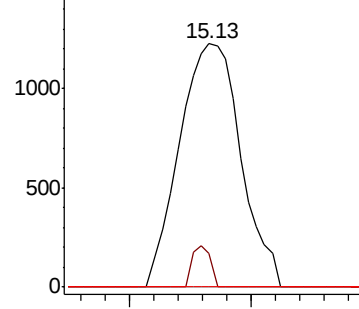
129 0.0 8.6 12.8#

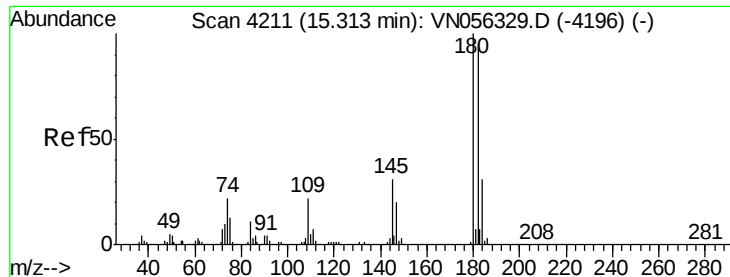


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

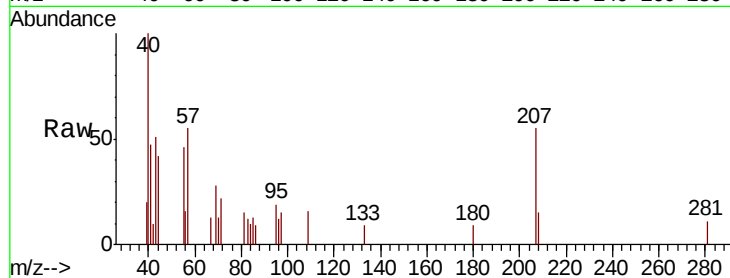




#96
 1,2,3-Trichlorobenzene
 Concen: 3.810 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN056366.D
 Acq: 18 Jun 2019 15:19

Instrument :
 MSVOA_N
 ClientSampleId :

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



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

