

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056504.D
 Acq On : 26 Jun 2019 14:24
 Operator : JC/SP
 Sample : K3539-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 07:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	336440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164480	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	194869	52.26	ug/l	0.00
Spiked Amount						
			Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	172819	47.12	ug/l	0.00
Spiked Amount						
			Recovery	=	94.24%	
50) Toluene-d8	10.09	98	720443	50.48	ug/l	0.00
Spiked Amount						
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	230784	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	

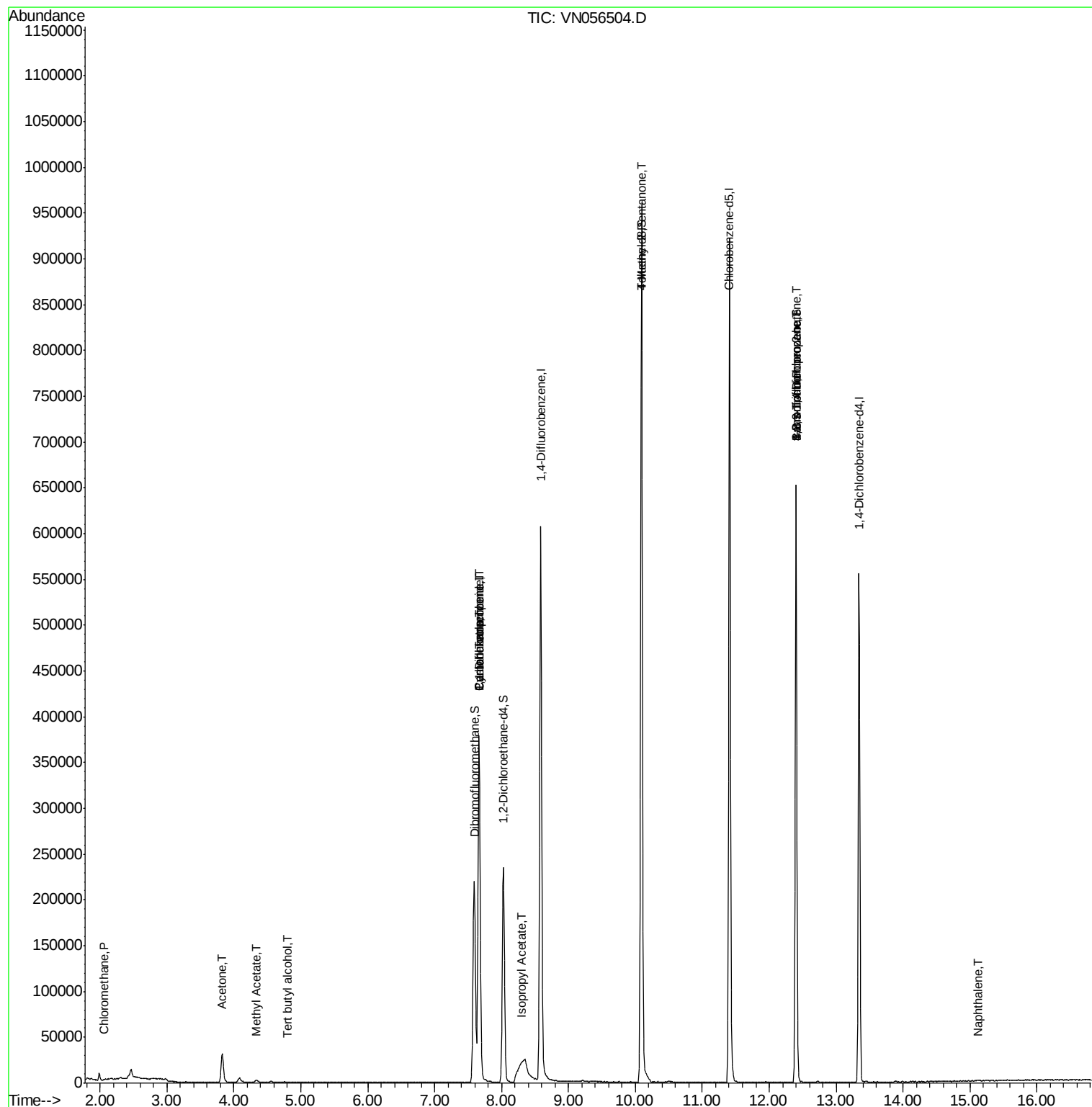
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1002	0.258	ug/l	96
11) Tert butyl alcohol	4.80	59	226	0.360	ug/l #	74
16) Acetone	3.82	43	5917	3.167	ug/l	100
18) Methyl Acetate	4.34	43	5424	0.626	ug/l #	75
20) Methylene Chloride	4.55	84	874	Below Cal	#	75
31) Cyclohexane	7.66	56	5510	0.957	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21922	4.236	ug/l #	44
38) Carbon Tetrachloride	7.66	117	29291	6.473	ug/l #	15
43) Isopropyl Acetate	8.29	43	32520	4.147	ug/l #	54
51) 4-Methyl-2-Pentanone	10.09	43	2833	0.560	ug/l #	1
71) Bromoform	12.40	173	1695	3.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	107059	31.391	ug/l #	100
79) 2-Chlorotoluene	12.59	91	62	Below Cal	#	40
81) trans-1,4-Dichloro-2-buten	12.40	75	107059	111.568	ug/l #	8
95) Naphthalene	15.13	128	201	5.269	ug/l #	70

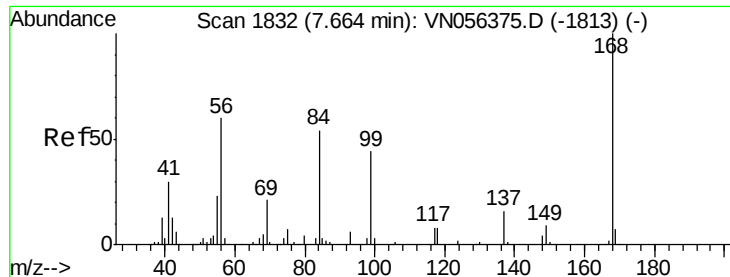
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062619\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

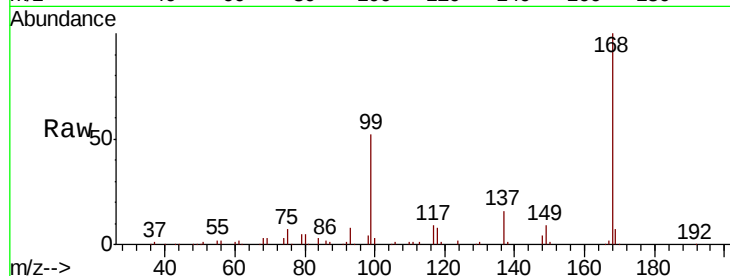
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 336440

Ion Ratio Lower Upper

168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

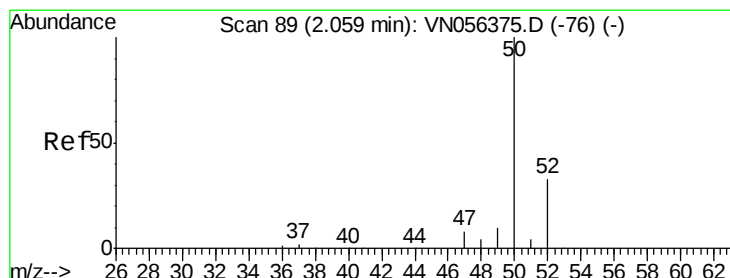
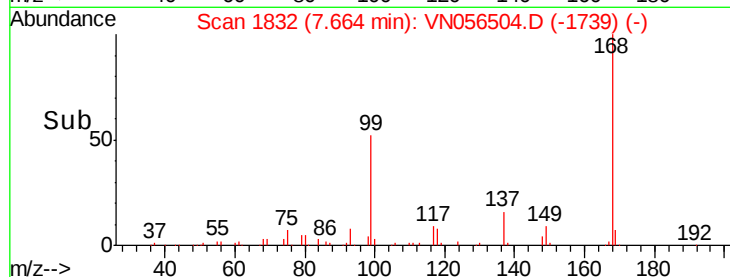
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.258 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056504.D

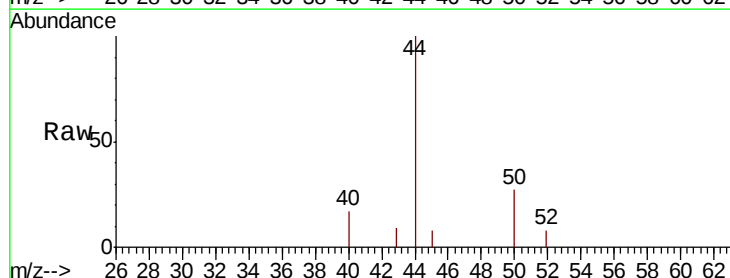
Acq: 26 Jun 2019 14:24

Tgt Ion: 50 Resp: 1002

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

800

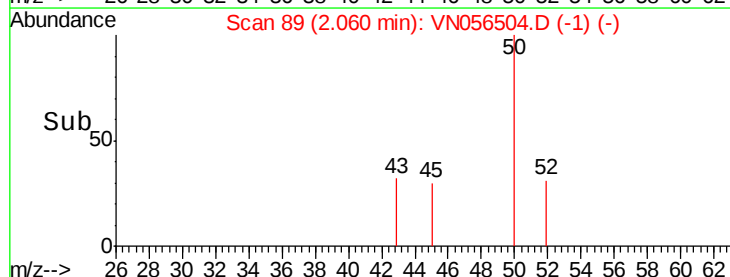
600

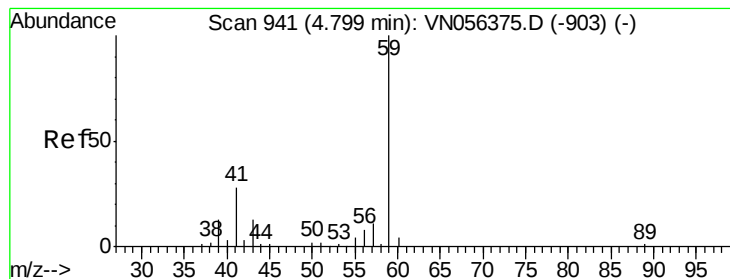
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200

0

Time-->



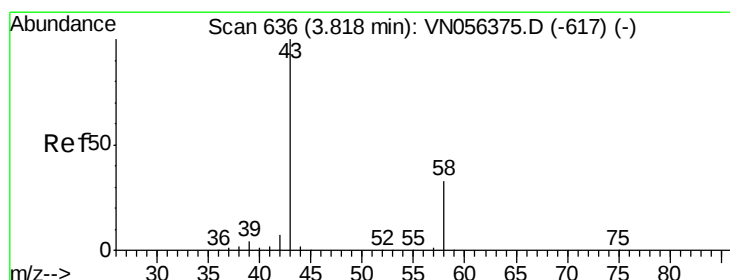
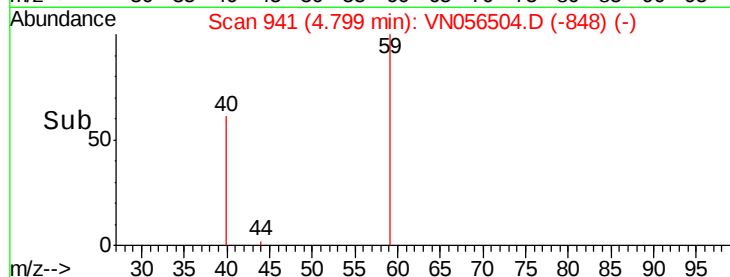
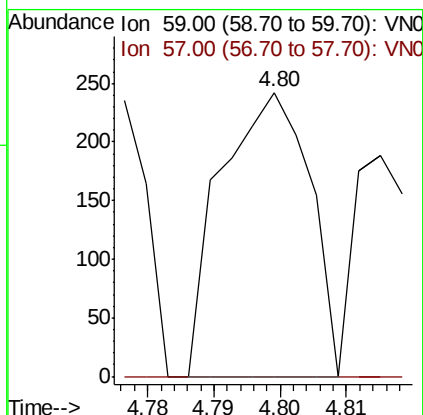
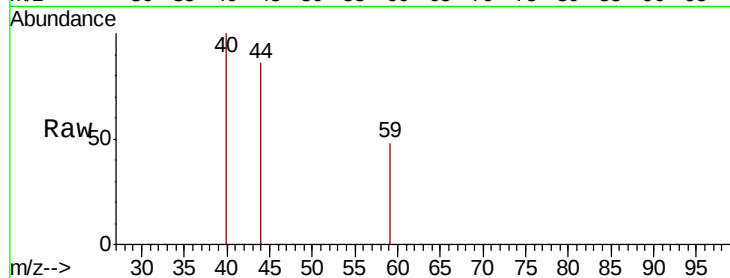


#11

Tert butyl alcohol
Concen: 0.360 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.00 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Instrument :
MSVOA_N
ClientSampled :

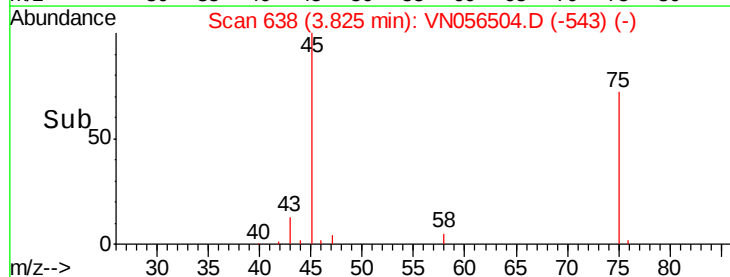
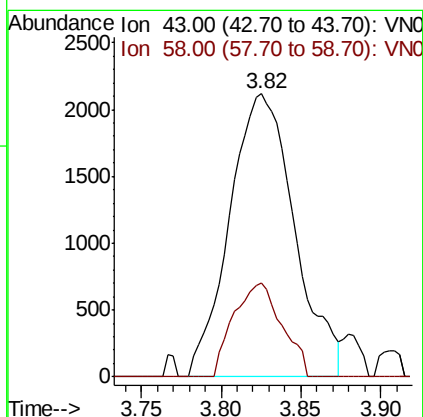
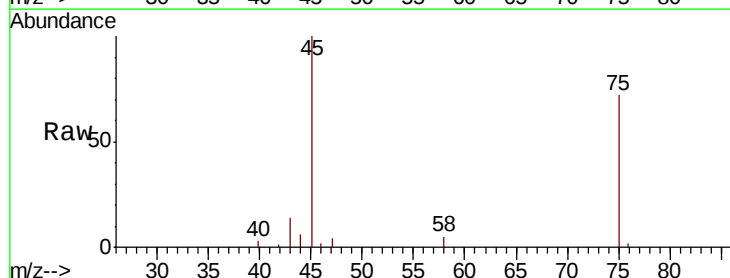
Tot Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

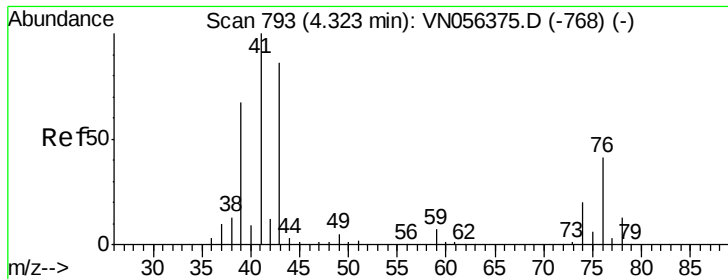


#16

Acetone
Concen: 3.167 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Tgt Ion: 43 Resp: 5917
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6

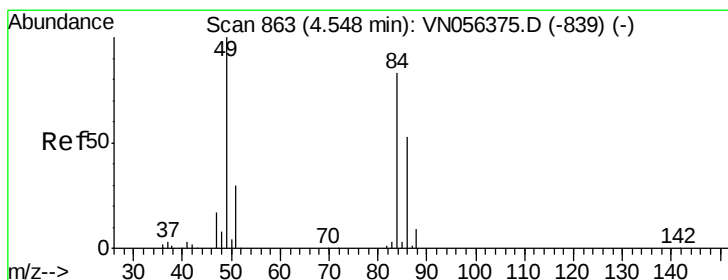
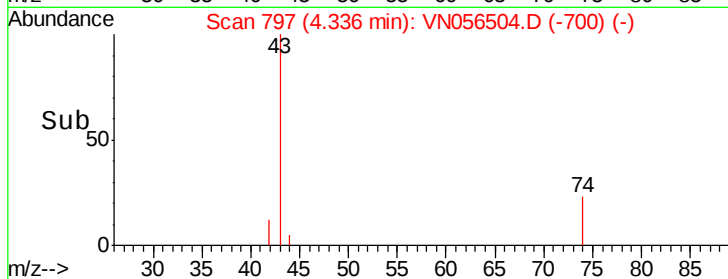
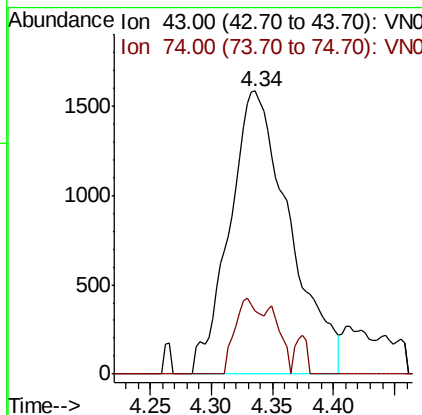
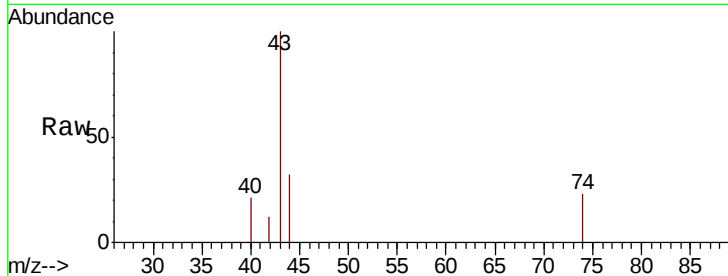




#18
Methyl Acetate
Concen: 0.626 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

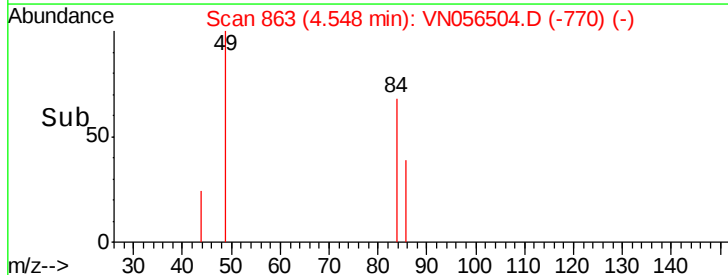
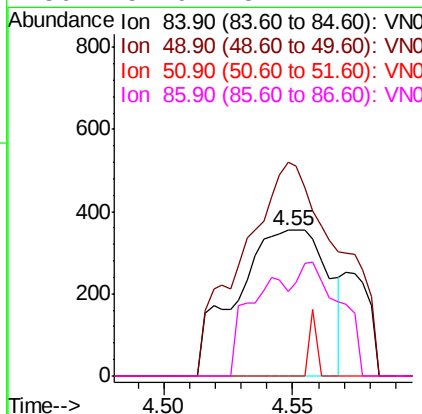
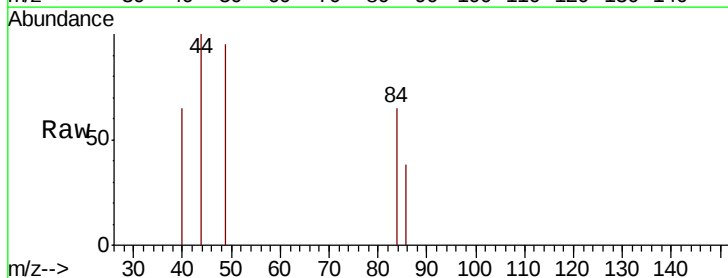
Instrument :
MSVOA_N
ClientSampled :

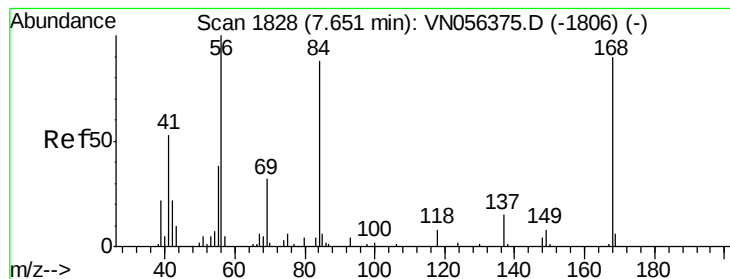
Tot Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
74 11.4 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Tgt Ion: 84 Resp: 874
Ion Ratio Lower Upper
84 100
49 146.9 96.4 144.6#
51 0.0 28.6 43.0#
86 57.9 51.4 77.2





#31

Cyclohexane

Concen: 0.957 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

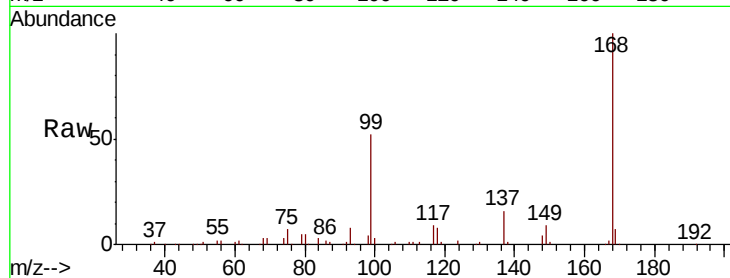
Tot Ion: 56 Resp: 5510

Ion Ratio Lower Upper

56 100

69 184.0 25.8 38.6#

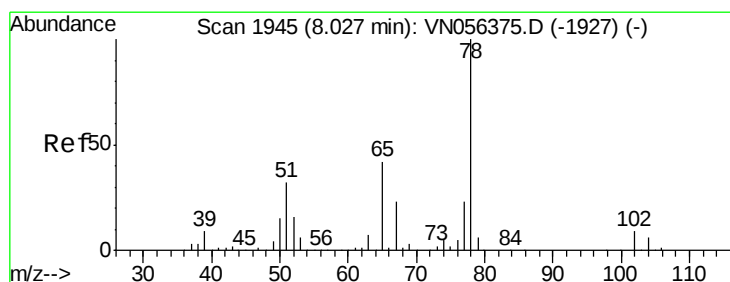
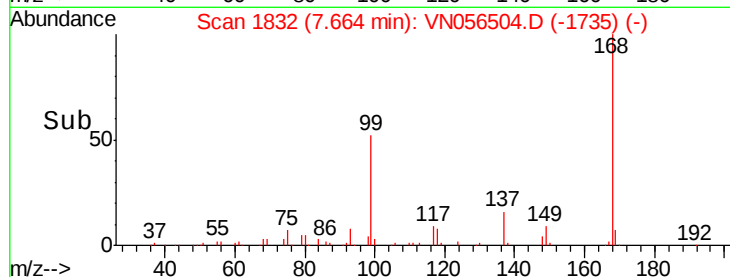
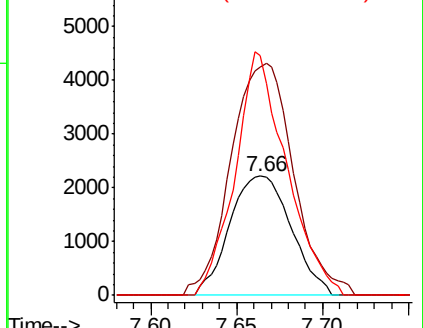
84 202.1 69.4 104.0#



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: 52.261 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056504.D

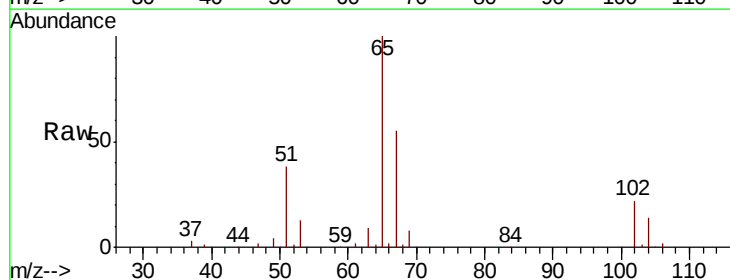
Acq: 26 Jun 2019 14:24

Tgt Ion: 65 Resp: 194869

Ion Ratio Lower Upper

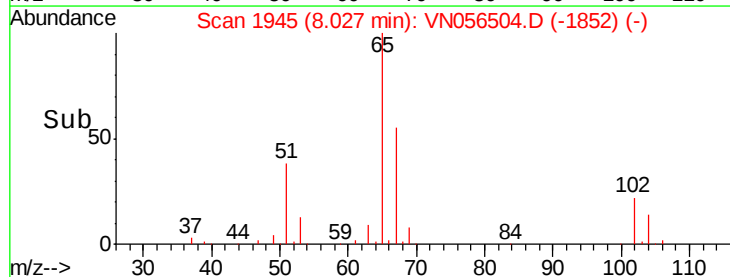
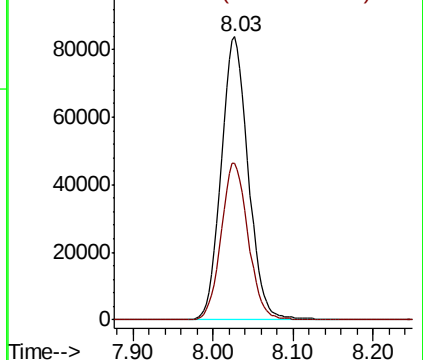
65 100

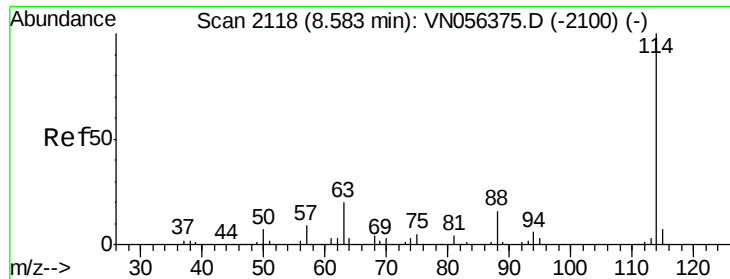
67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

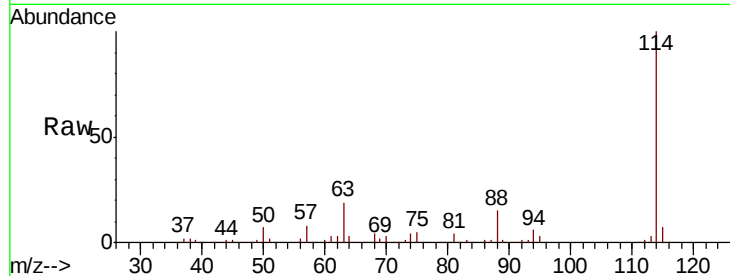




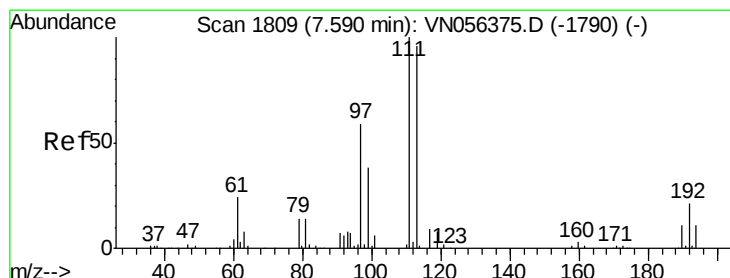
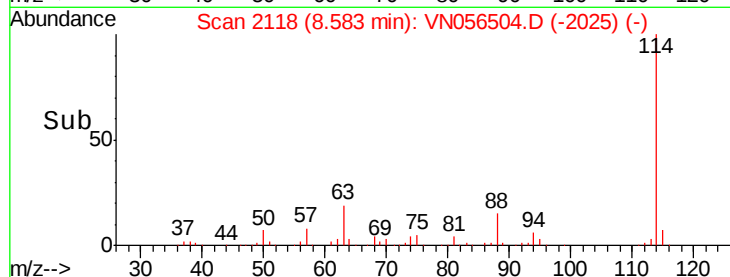
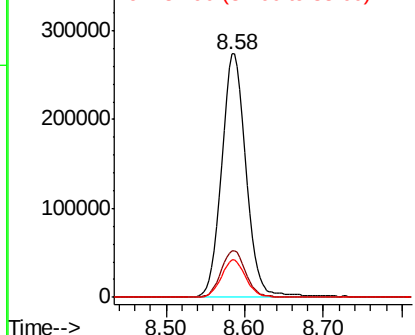
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056504.D
 Acq: 26 Jun 2019 14:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 587943
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.2 0.0 31.4

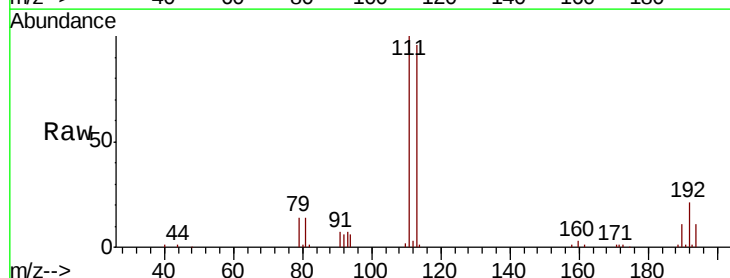


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

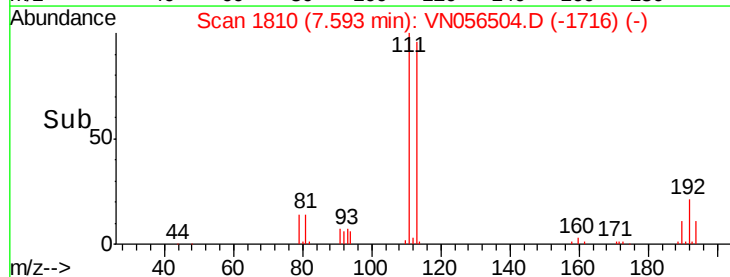
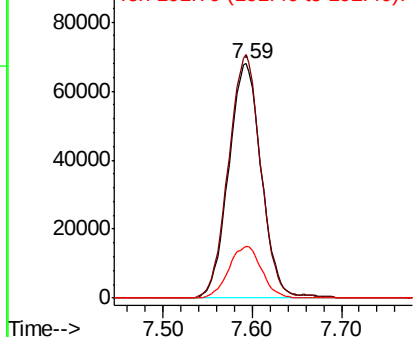


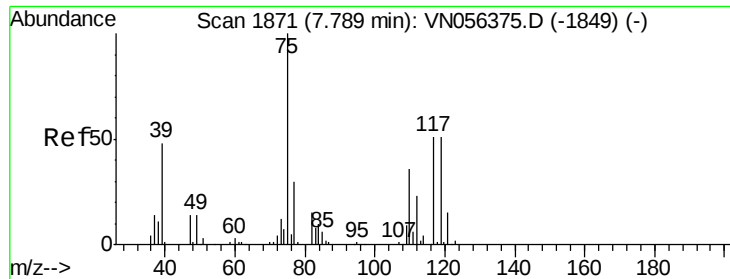
#35
 Dibromofluoromethane
 Concen: 47.118 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056504.D
 Acq: 26 Jun 2019 14:24

Tgt Ion:113 Resp: 172819
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 22.3 17.7 26.5



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

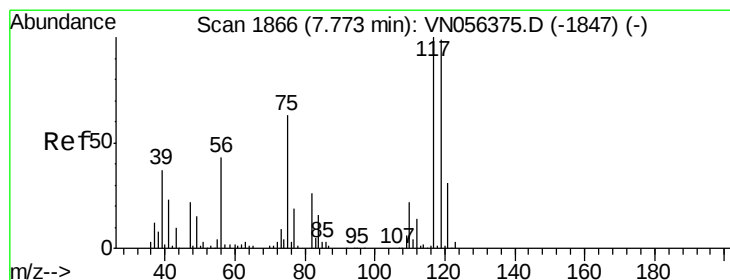
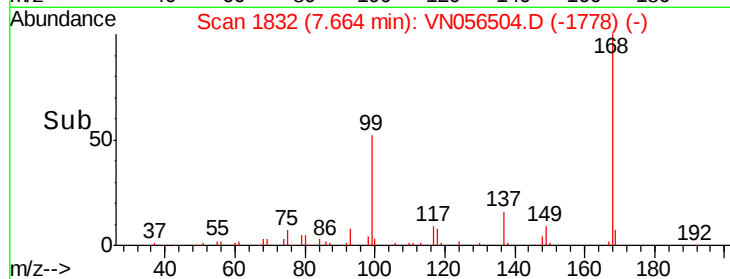
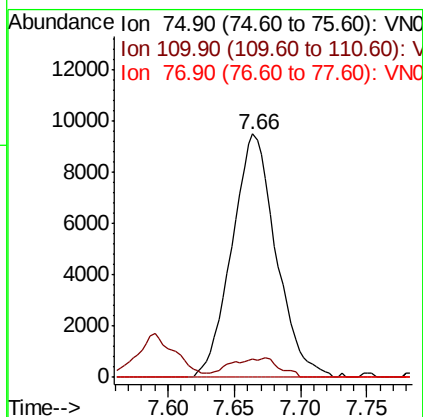
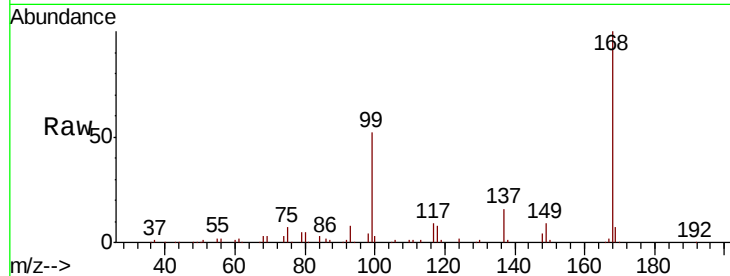




#36
 1,1-Dichloropropene
 Concen: 4.236 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056504.D
 Acq: 26 Jun 2019 14:24

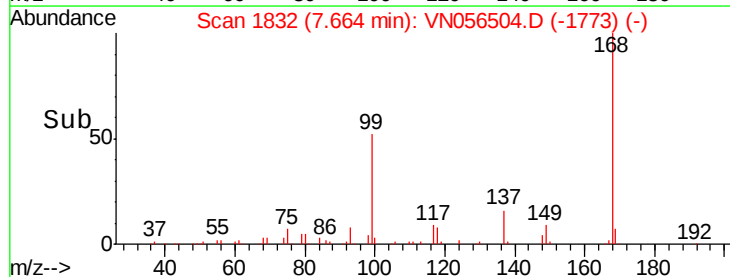
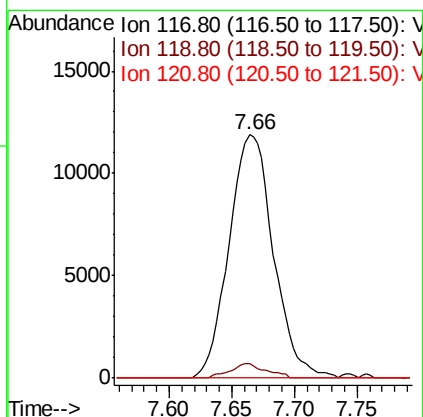
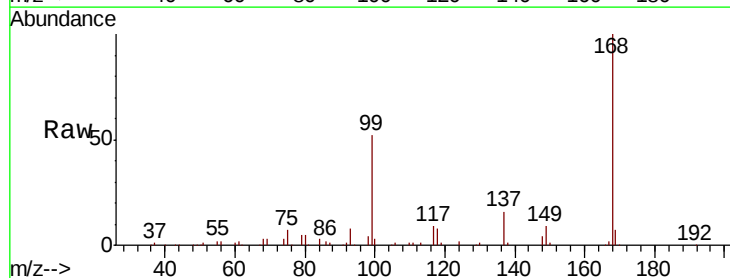
Instrument :
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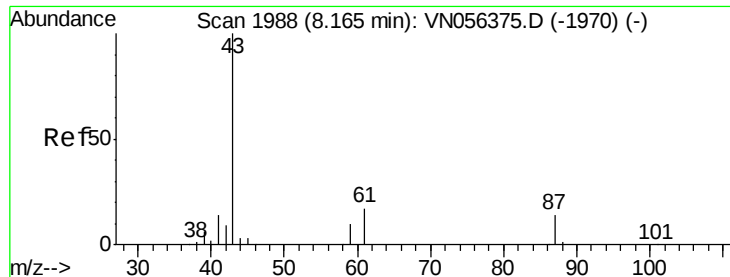
Tot Ion: 75 Resp: 21922
 Ion Ratio Lower Upper
 75 100
 110 3.7 18.1 54.3#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.473 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056504.D
 Acq: 26 Jun 2019 14:24

Tgt Ion: 117 Resp: 29291
 Ion Ratio Lower Upper
 117 100
 119 6.0 79.1 118.7#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 4.147 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

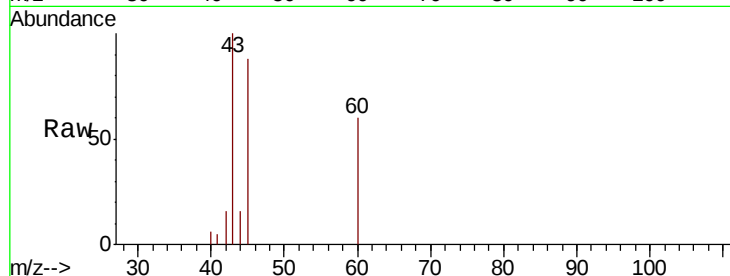
Tot Ion: 43 Resp: 32520

Ion Ratio Lower Upper

43 100

61 0.7 22.0 33.0#

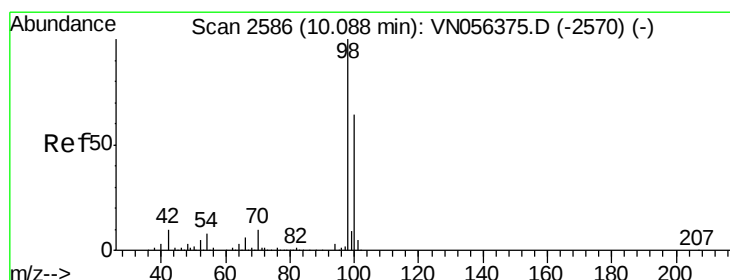
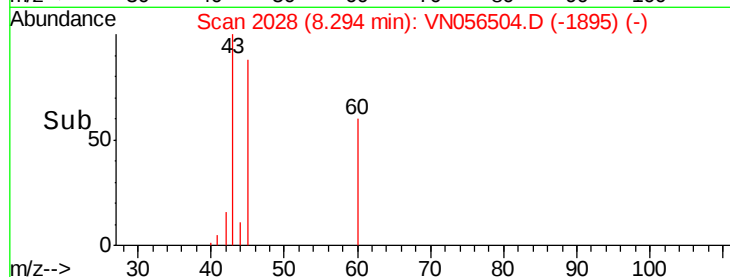
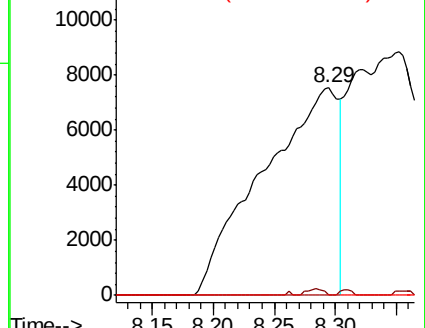
87 0.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#50

Toluene-d8

Concen: 50.481 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056504.D

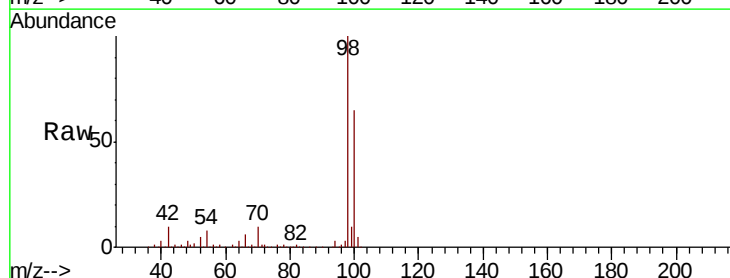
Acq: 26 Jun 2019 14:24

Tgt Ion: 98 Resp: 720443

Ion Ratio Lower Upper

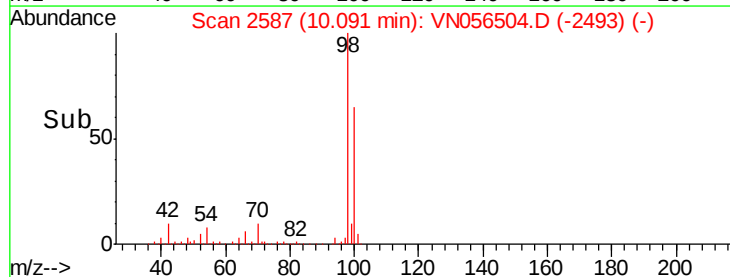
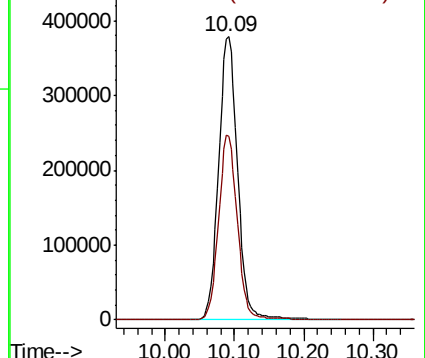
98 100

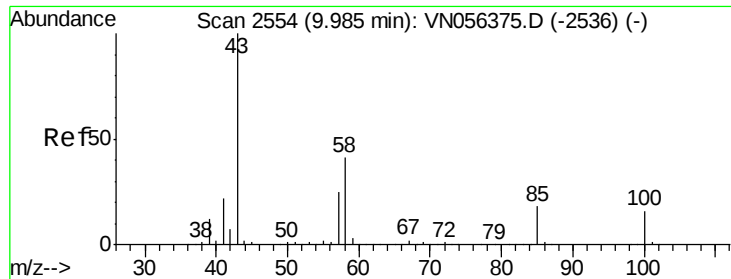
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.560 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

Instrument :

MSVOA_N

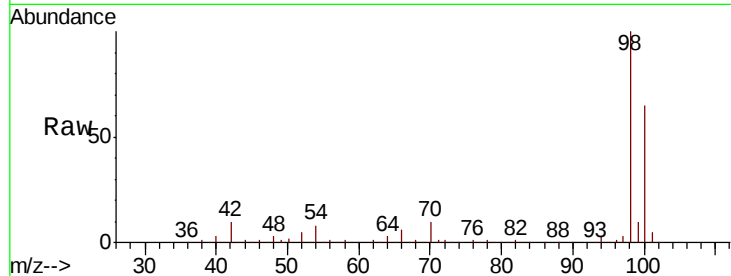
ClientSampleId :

Tot Ion: 43 Resp: 2833

Ion Ratio Lower Upper

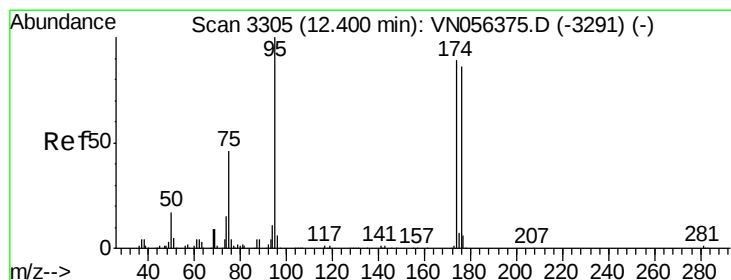
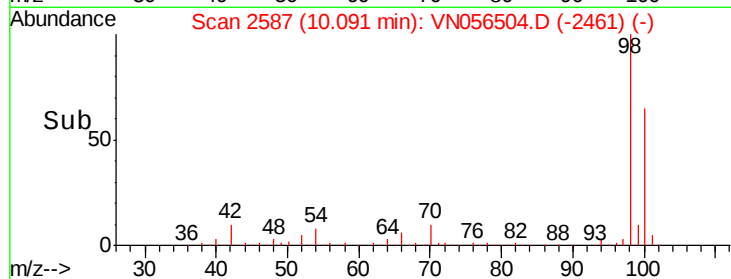
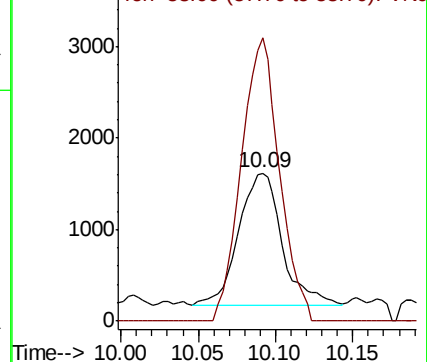
43 100

58 186.2 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

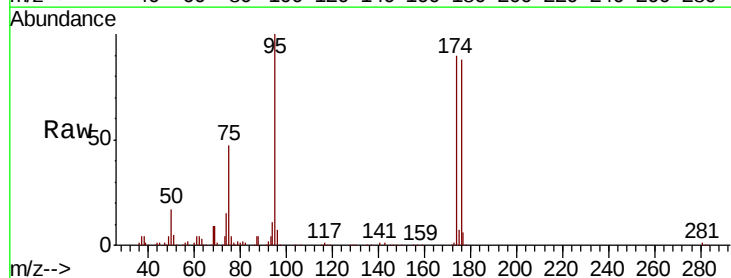
Tgt Ion: 95 Resp: 230784

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.4

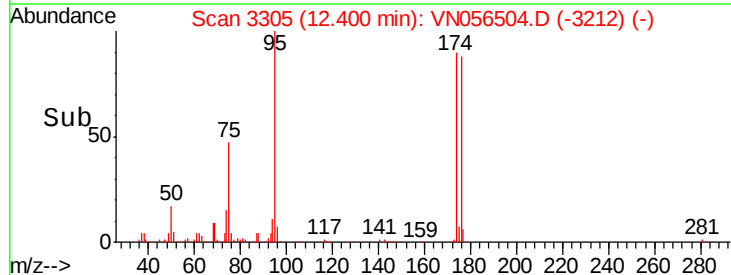
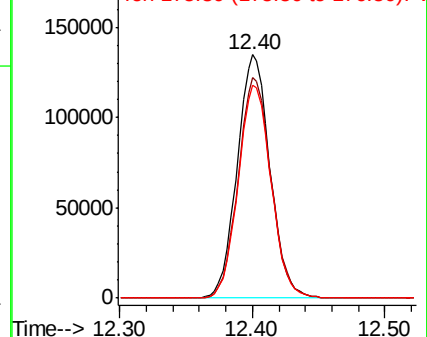
176 88.0 0.0 173.4

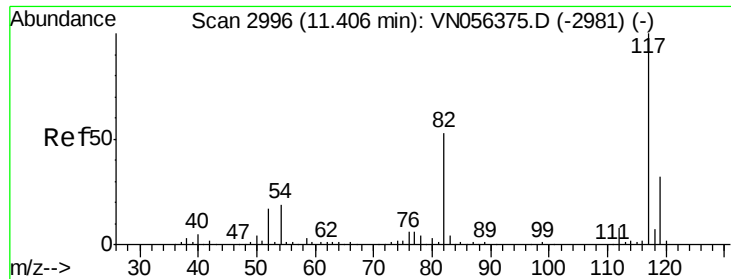


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

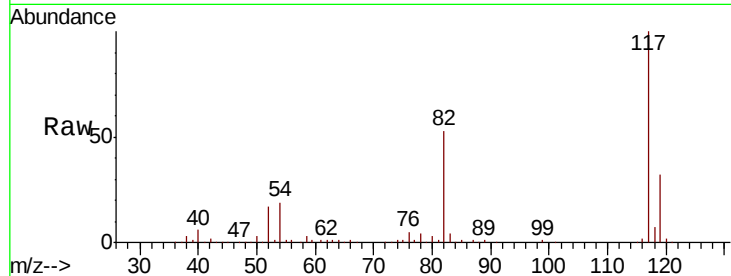




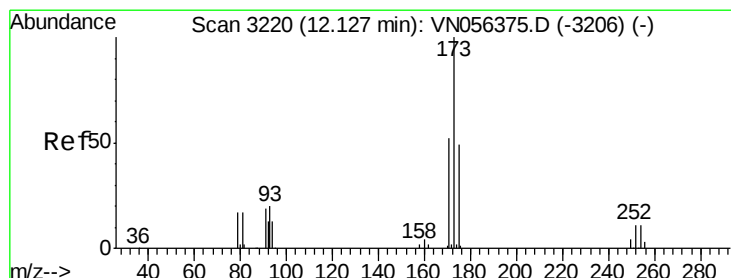
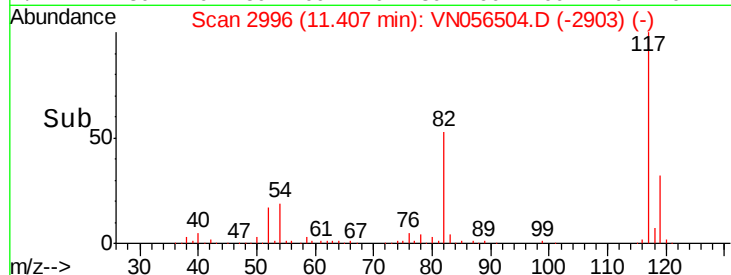
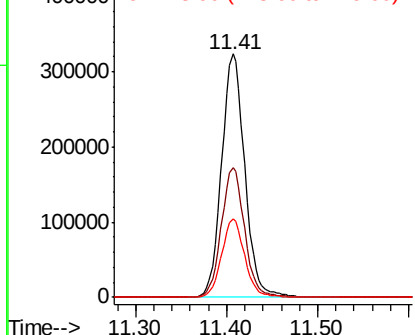
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 572409
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.3 25.3 37.9

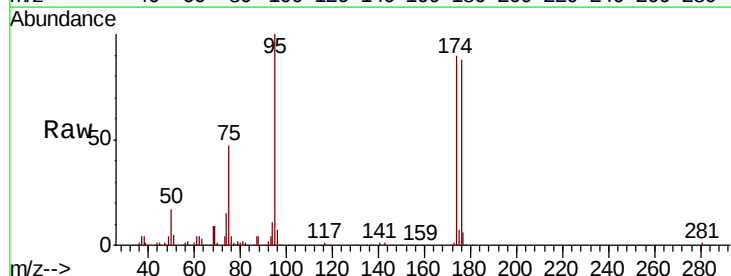


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

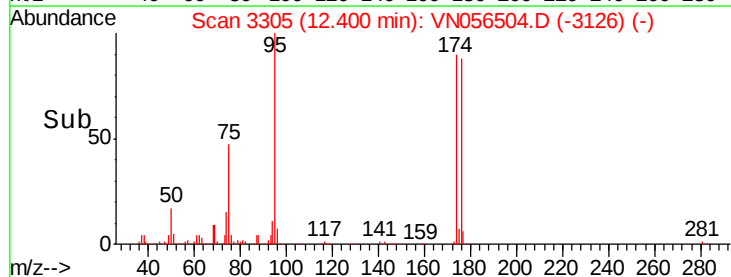
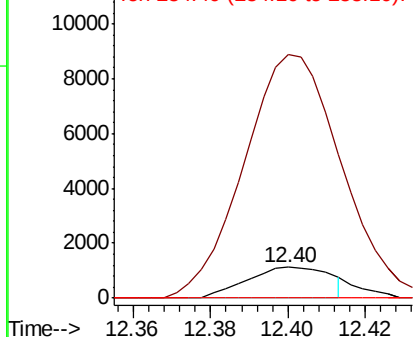


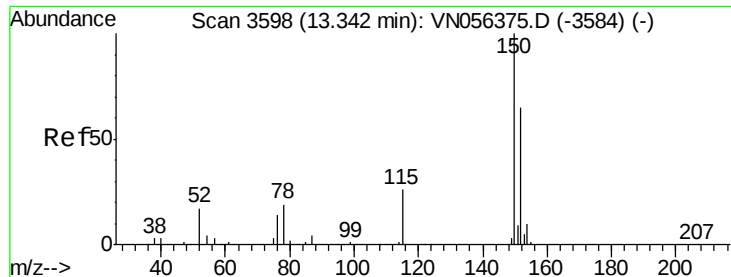
#71
Bromoform
Concen: 3.649 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Tgt Ion:173 Resp: 1695
Ion Ratio Lower Upper
173 100
175 797.3 24.4 73.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



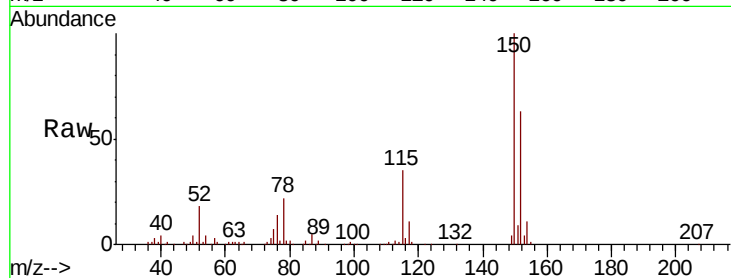


#72

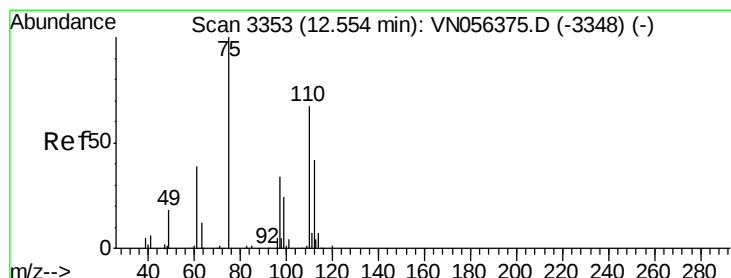
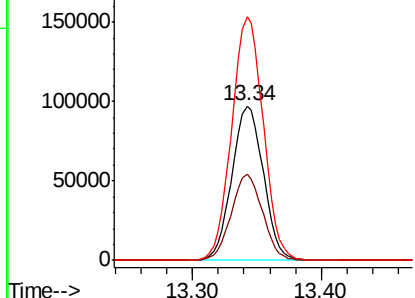
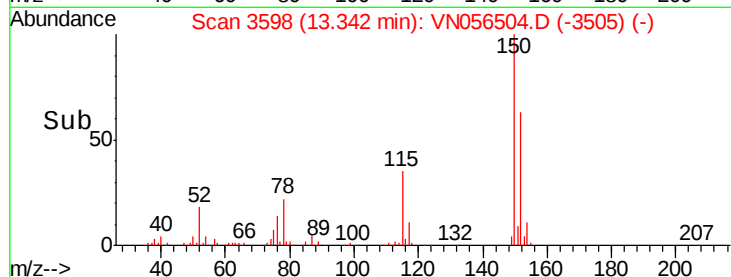
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.1	84.4
150	158.5	0.0	348.4



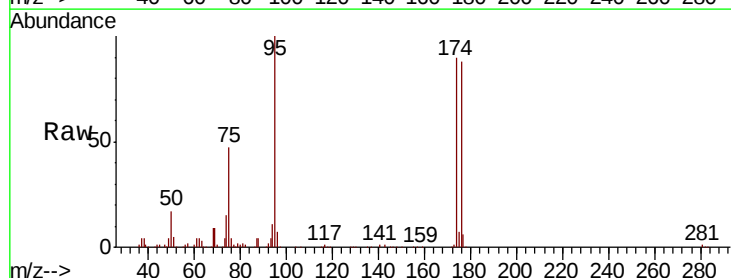
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



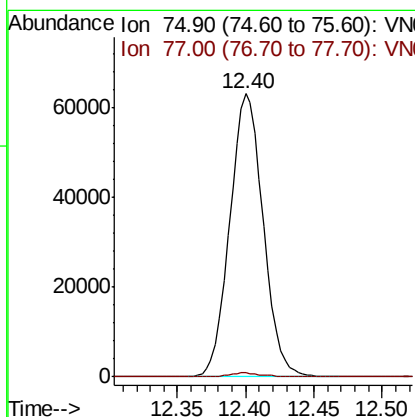
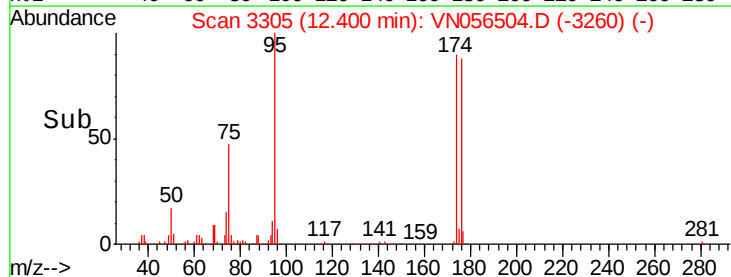
#76

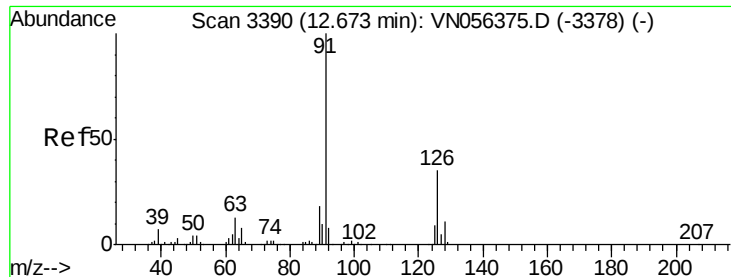
1,2,3-Trichloropropane
Concen: 31.391 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056504.D
Acq: 26 Jun 2019 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3363

Delta R.T. -0.09 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

Instrument :

MSVOA_N

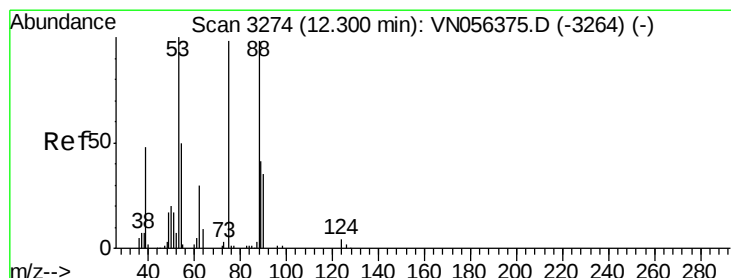
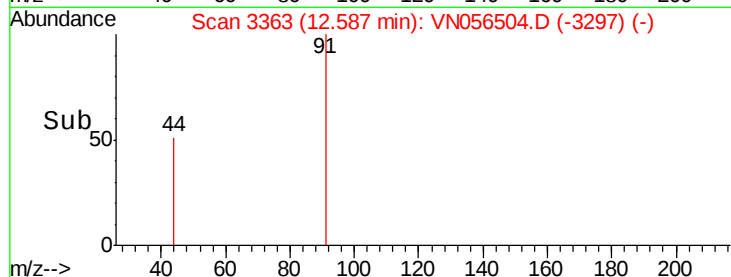
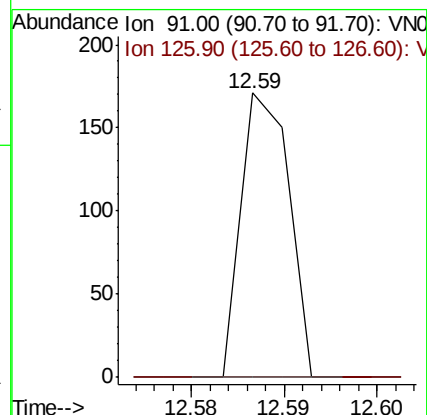
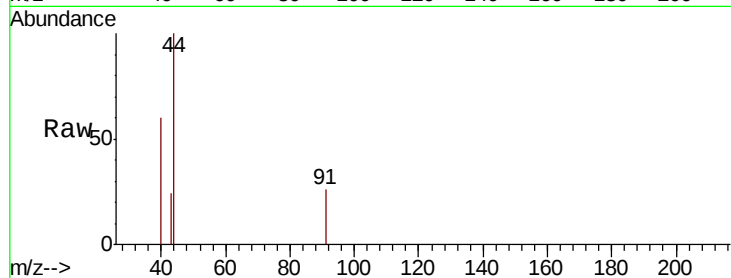
ClientSampleId :

Tot Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.568 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

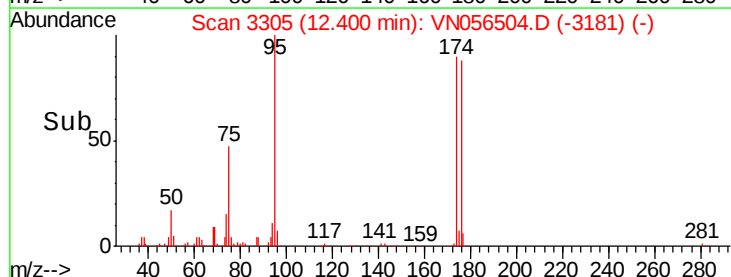
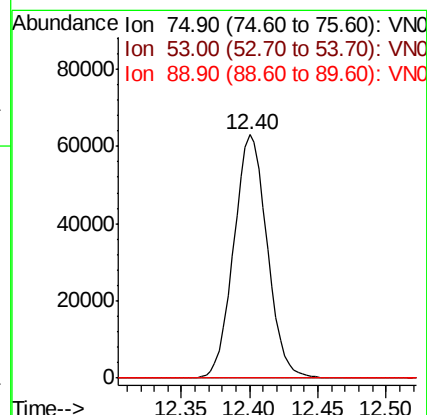
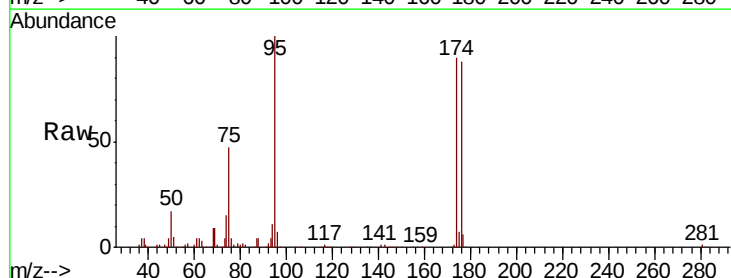
Tgt Ion: 75 Resp: 107059

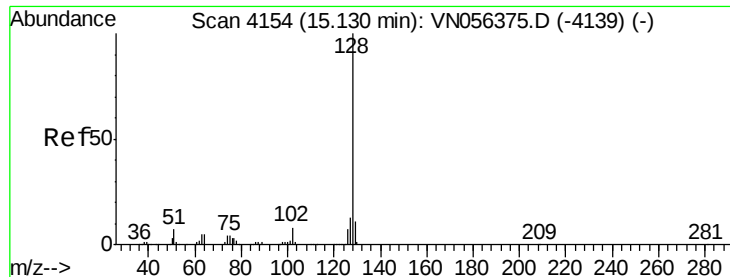
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 35.0 52.6#





#95

Napthalene

Concen: 5.269 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

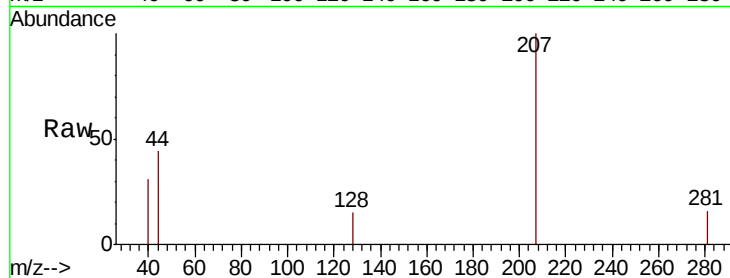
Lab File: VN056504.D

Acq: 26 Jun 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:	128	Resp:	201
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#

