

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054613.D
 Acq On : 23 Mar 2019 19:11
 Operator : JC/SP
 Sample : K2020-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190318

Quant Time: Mar 25 03:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	959949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	787229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	428698	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	7.59	113	336256	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.09	98	1249869	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.40	95	379983	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

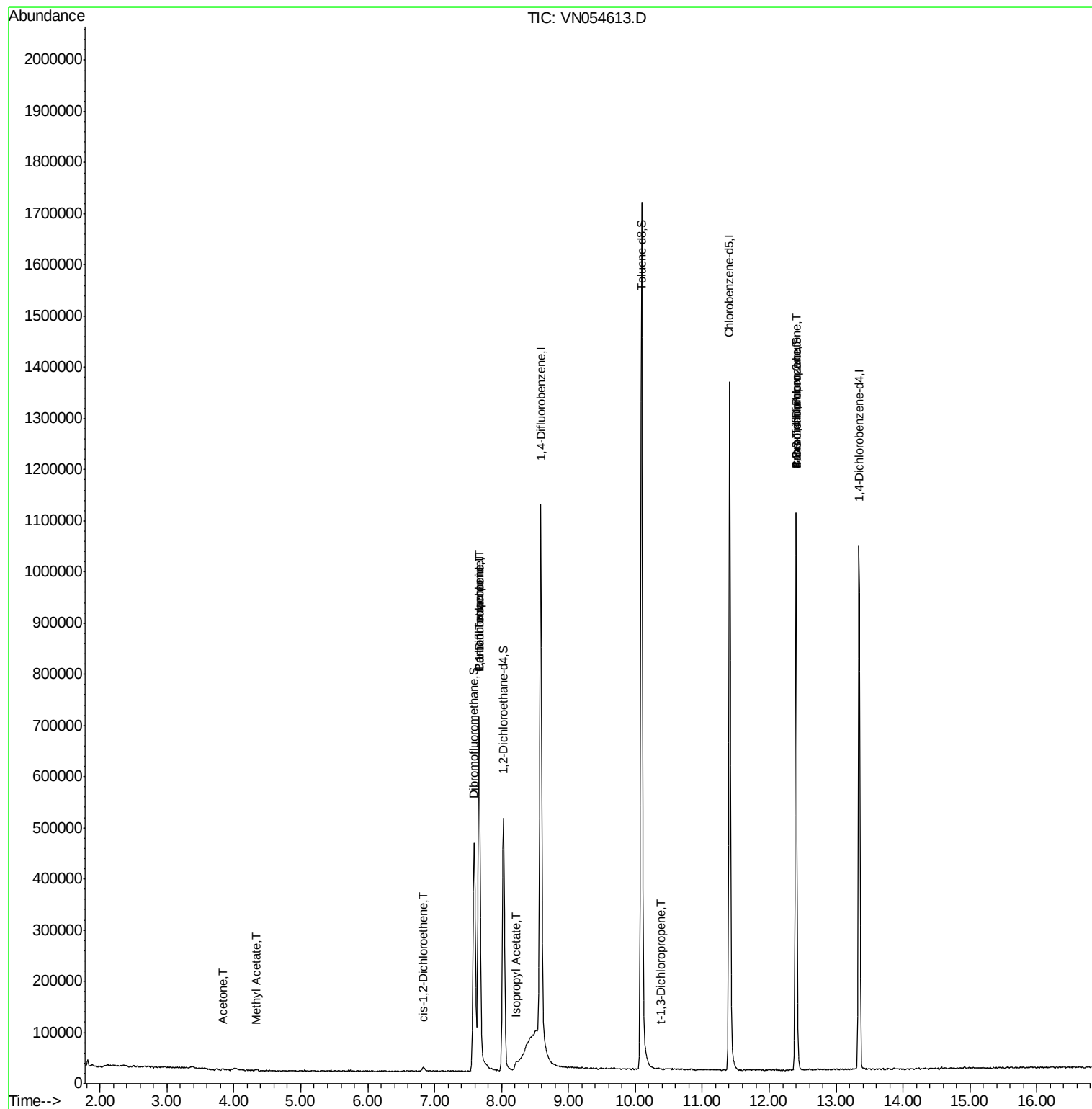
					Qvalue	
16) Acetone	3.83	43	1284	0.579	ug/l #	74
18) Methyl Acetate	4.33	43	2346	0.475	ug/l #	63
27) cis-1,2-Dichloroethene	6.83	96	5154	0.740	ug/l	81
31) Cyclohexane	7.66	56	12589	Below Cal	#	22
36) 1,1-Dichloropropene	7.67	75	44795	4.991	ug/l #	42
38) Carbon Tetrachloride	7.66	117	56005	6.421	ug/l #	16
43) Isopropyl Acetate	8.21	43	7231	0.671	ug/l #	60
53) t-1,3-Dichloropropene	10.39	75	32	2.235	ug/l #	59
71) Bromoform	12.40	173	1959	2.693	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	193645	44.096	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	193645	145.544	ug/l #	11

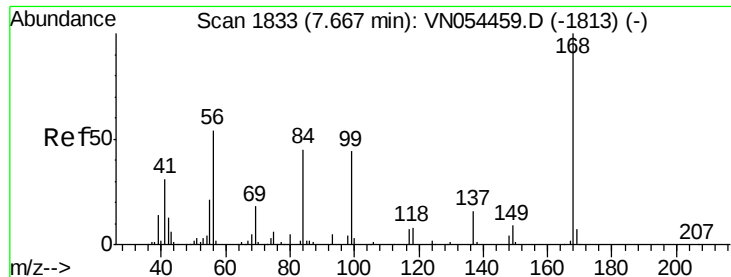
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

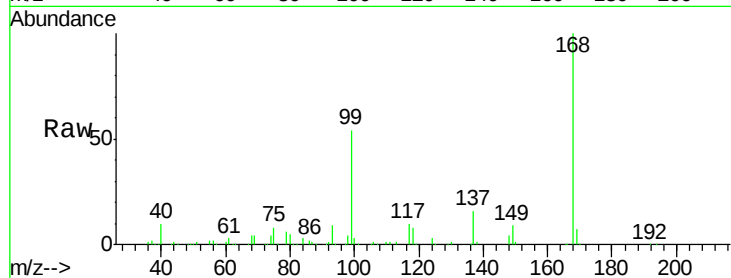
KY038PS038-190318

Tot Ion:168 Resp: 592589

Ion Ratio Lower Upper

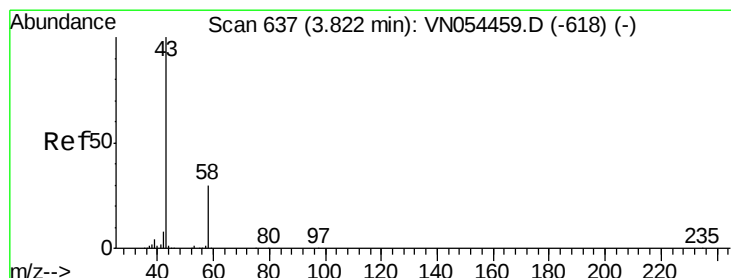
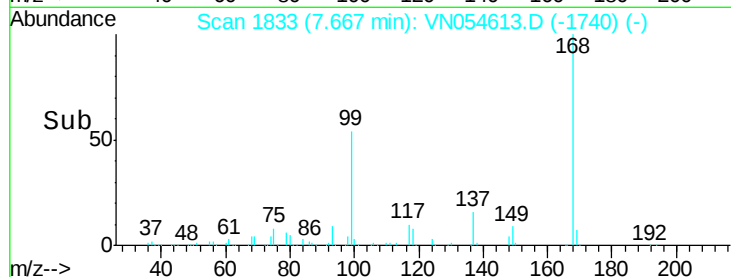
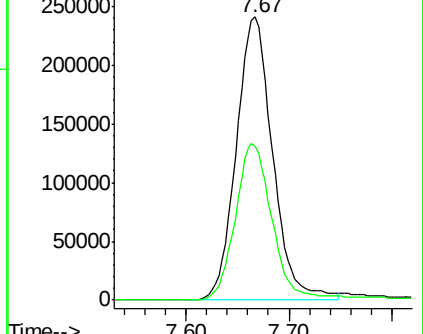
168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 0.579 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054613.D

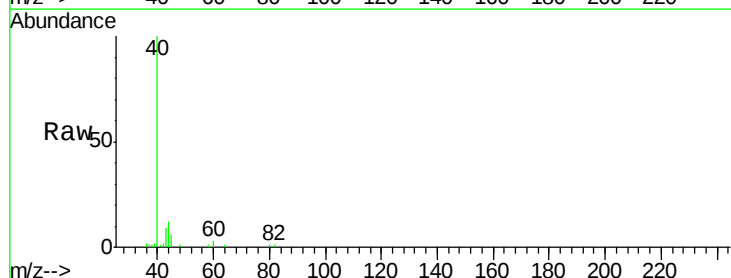
Acq: 23 Mar 2019 19:11

Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

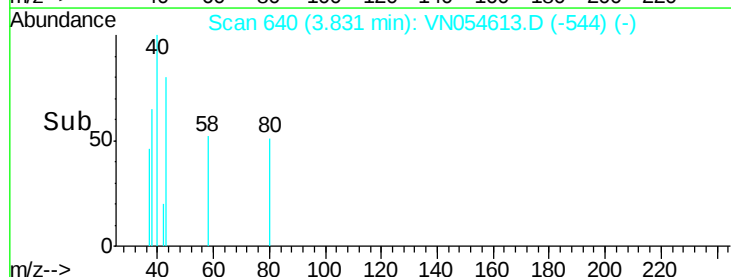
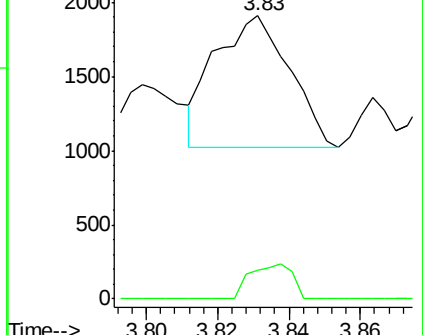
43 100

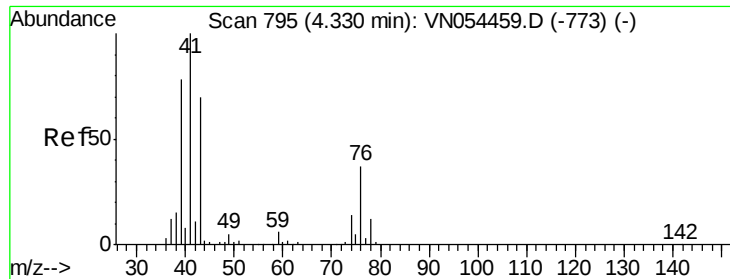
58 21.8 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

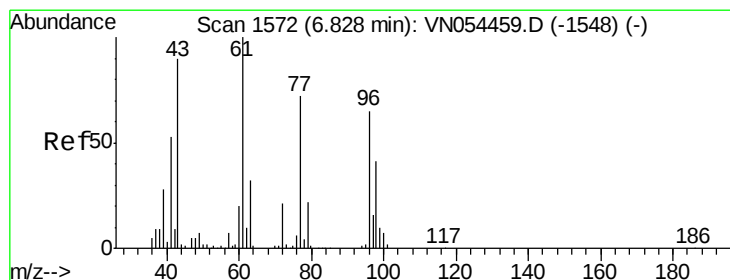
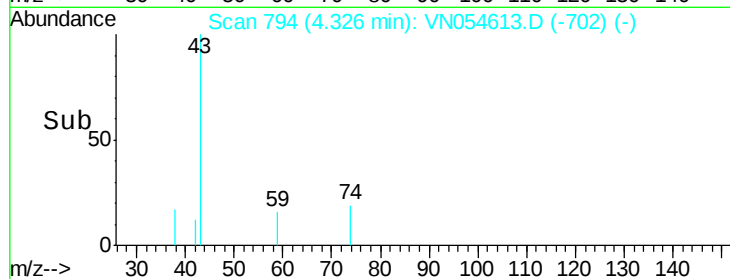
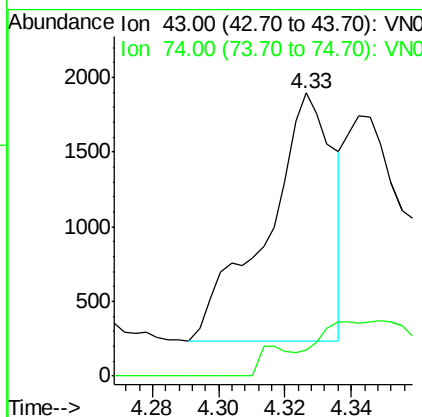
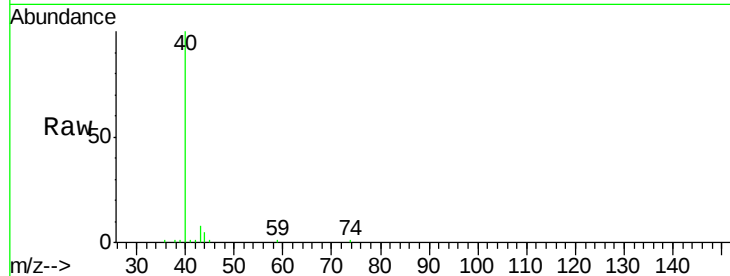




#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

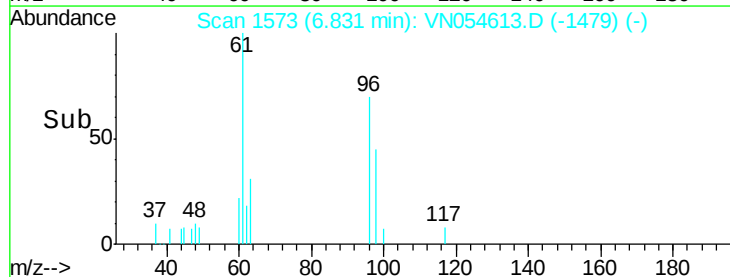
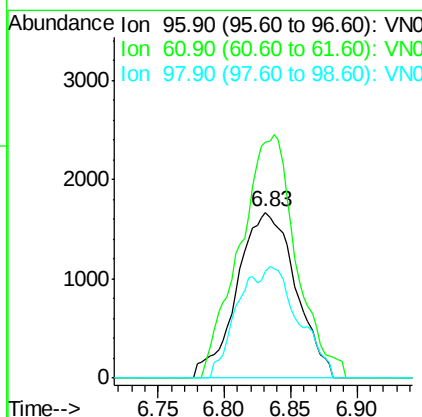
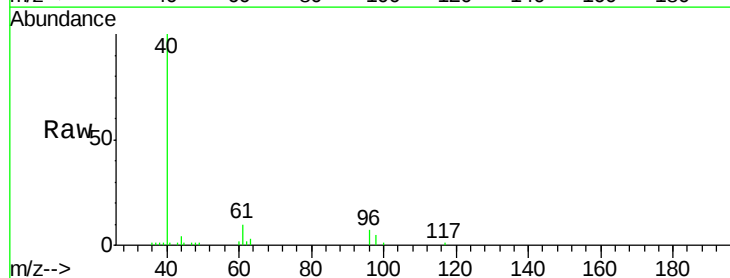
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KY038PS038-190318

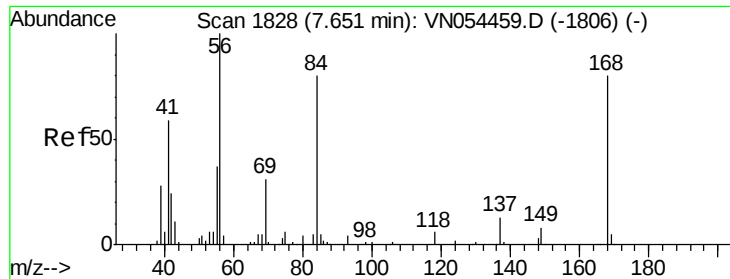
Tot Ion: 43 Resp: 2346
Ion Ratio Lower Upper
43 100
74 7.0 20.8 31.2#



#27
cis-1,2-Dichloroethene
Concen: 0.740 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Tgt Ion: 96 Resp: 5154
Ion Ratio Lower Upper
96 100
61 141.3 0.0 273.0
98 26.0 0.0 130.6

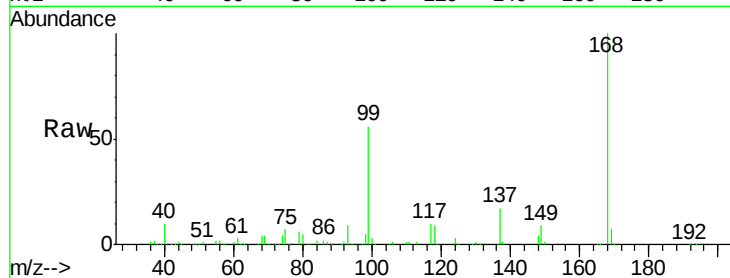




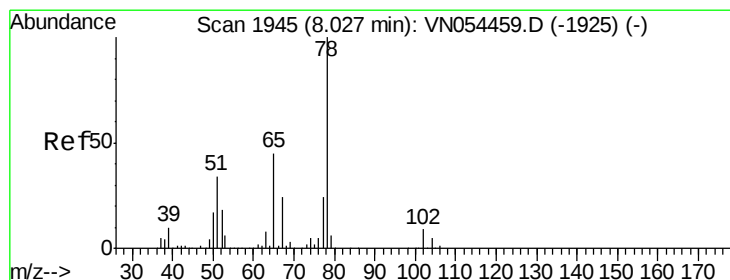
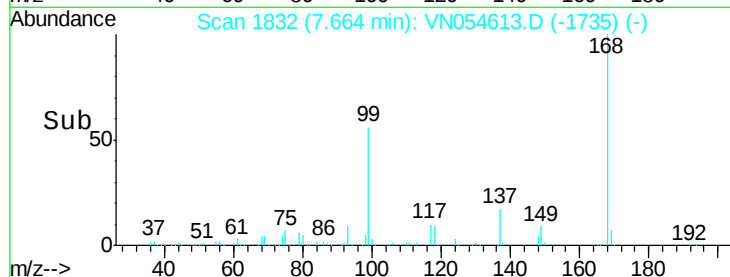
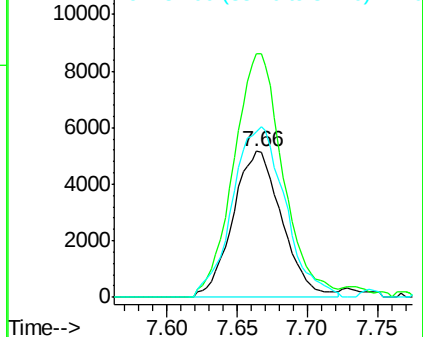
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-190318

Tot Ion: 56 Resp: 12589
Ion Ratio Lower Upper
56 100
69 167.0 27.8 41.6#
84 113.9 74.6 111.8#

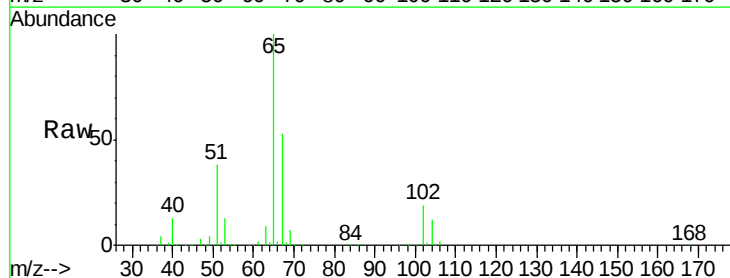


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

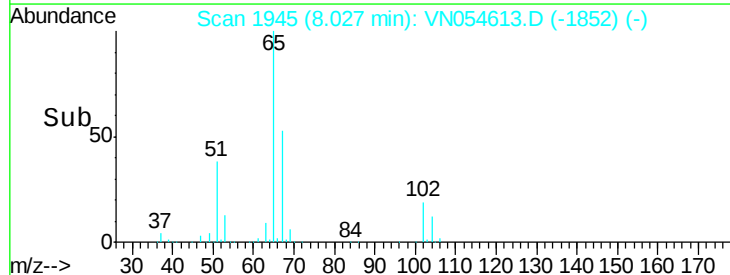
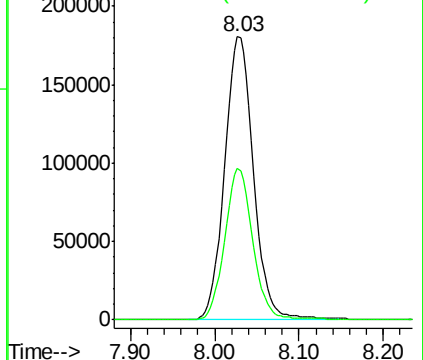


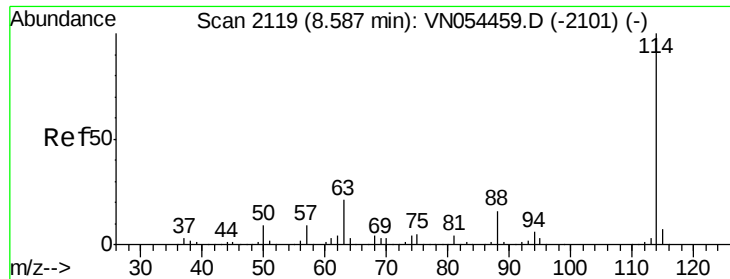
#33
1,2-Dichloroethane-d4
Concen: 58.161 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Tgt Ion: 65 Resp: 428698
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6



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

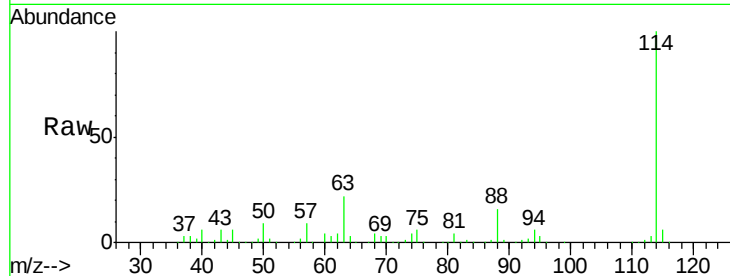




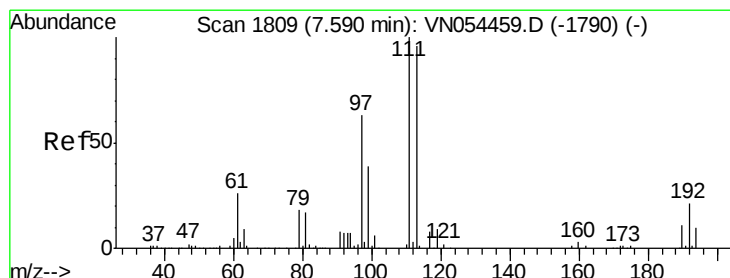
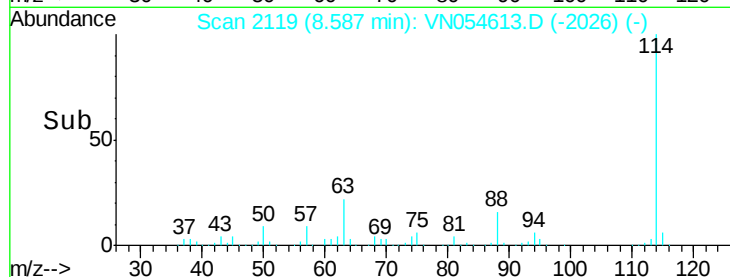
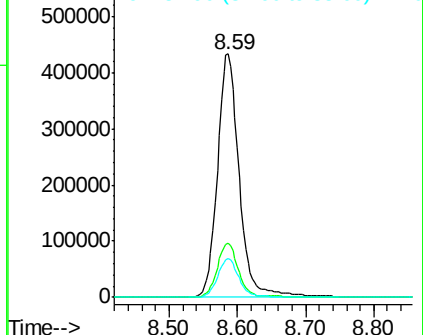
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054613.D
 Acq: 23 Mar 2019 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190318

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.2
88	15.8	0.0	30.2

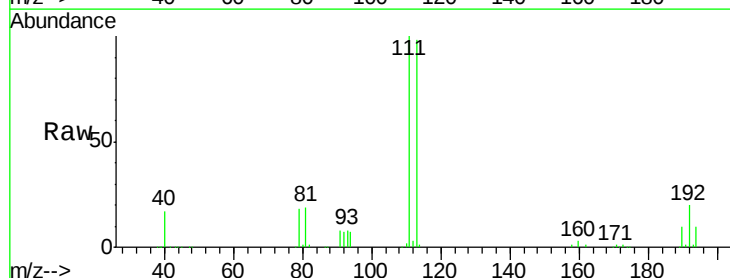


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

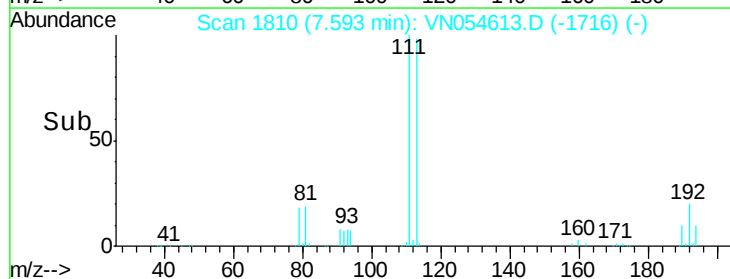
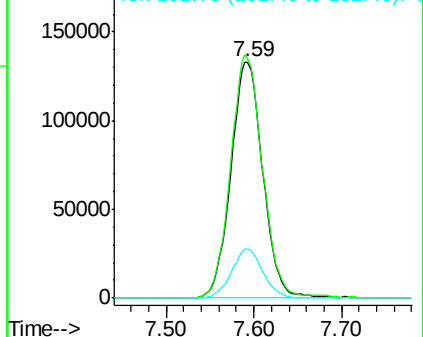


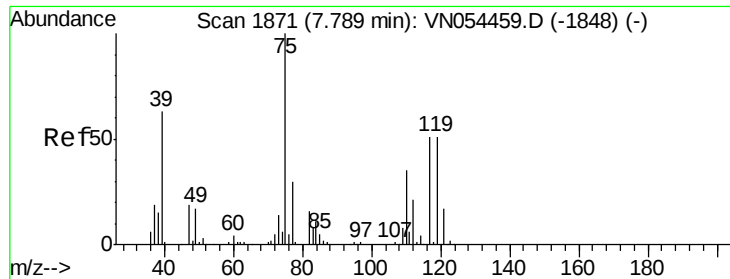
#35
 Dibromofluoromethane
 Concen: 54.371 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054613.D
 Acq: 23 Mar 2019 19:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.4	19.2	28.8



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

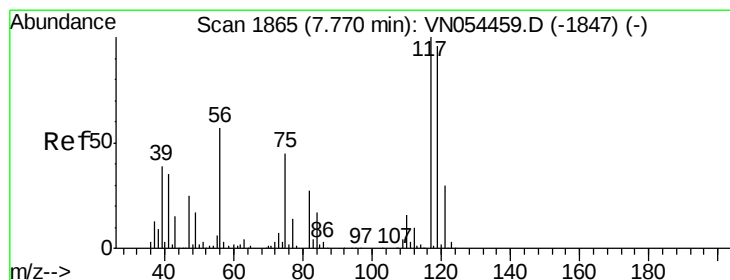
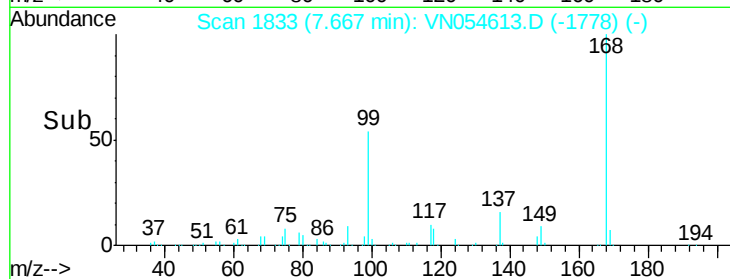
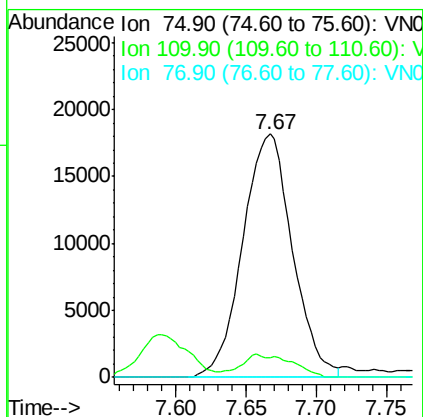
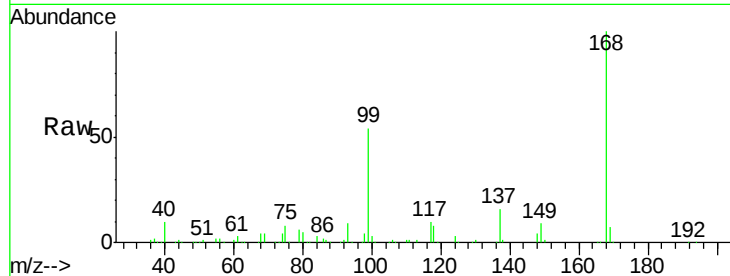




#36
 1,1-Dichloropropene
 Concen: 4.991 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054613.D
 Acq: 23 Mar 2019 19:11

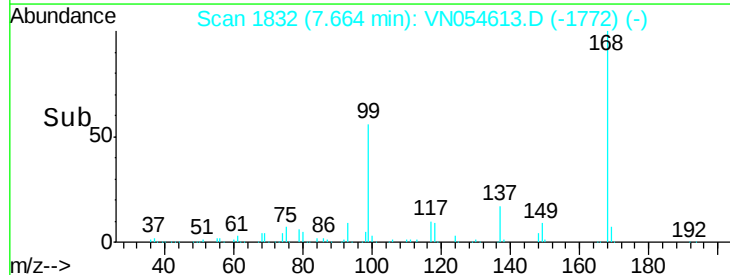
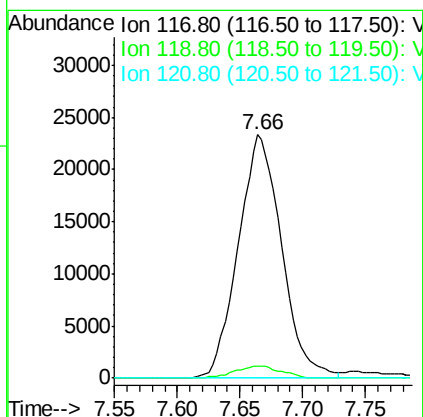
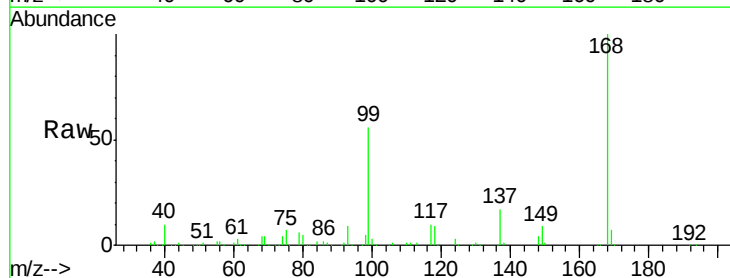
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190318

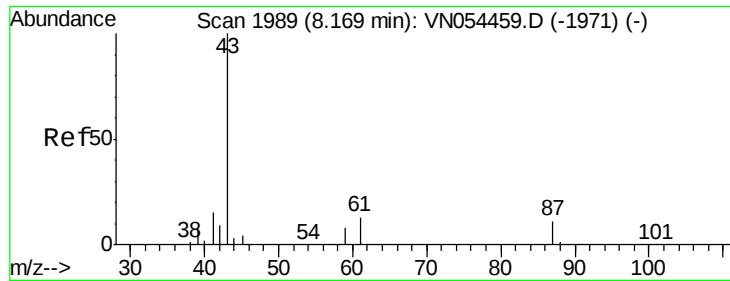
Tot Ion: 75 Resp: 44795
 Ion Ratio Lower Upper
 75 100
 110 2.8 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.421 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054613.D
 Acq: 23 Mar 2019 19:11

Tgt Ion: 117 Resp: 56005
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 0.671 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.04 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

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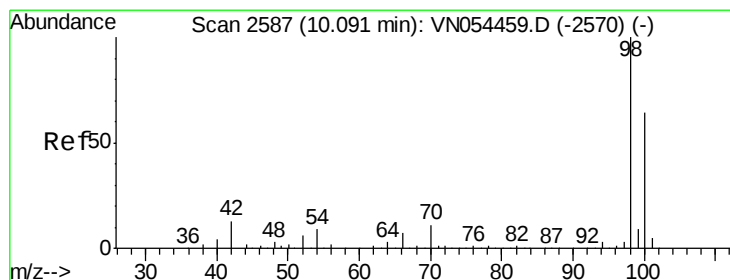
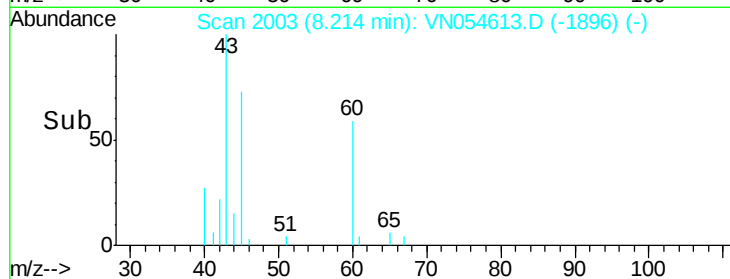
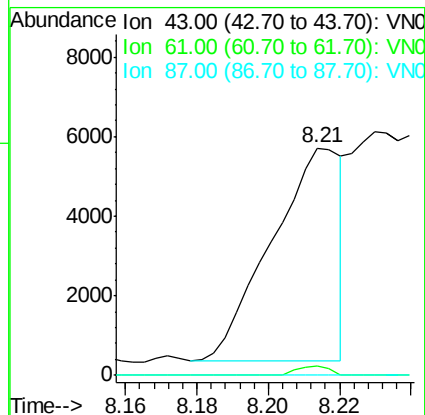
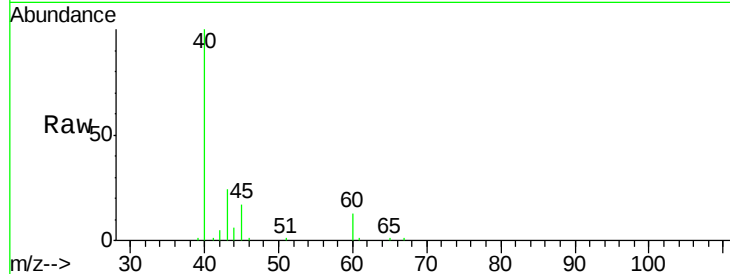
Tot Ion: 43 Resp: 7231

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 53.758 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054613.D

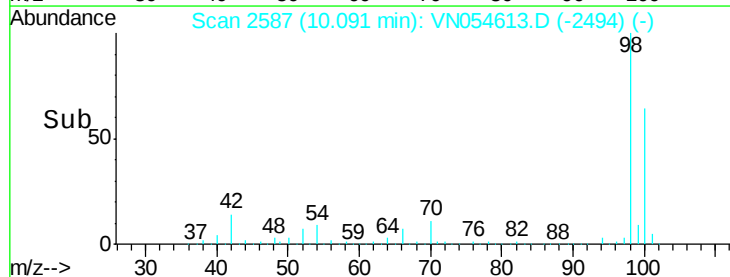
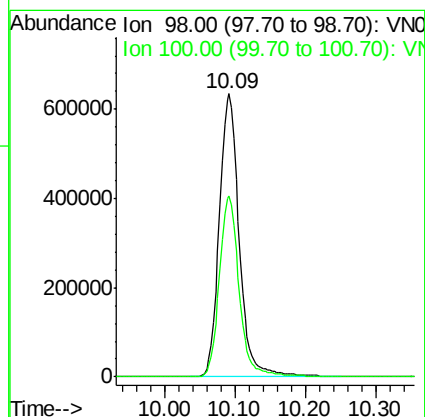
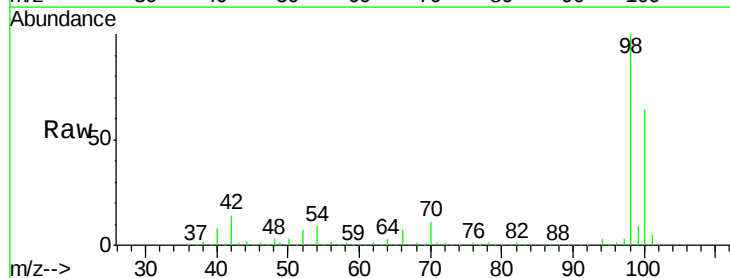
Acq: 23 Mar 2019 19:11

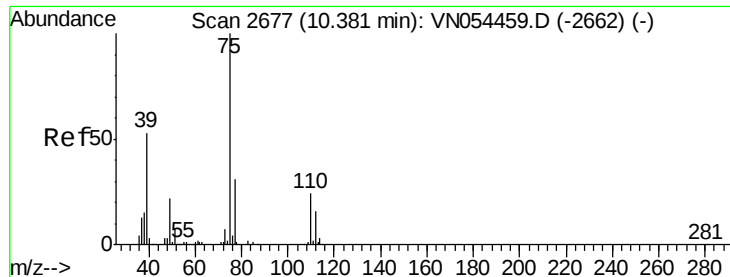
Tgt Ion: 98 Resp: 1249869

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8





#53

t-1,3-Dichloropropene

Concen: 2.235 ug/l

RT: 10.39 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

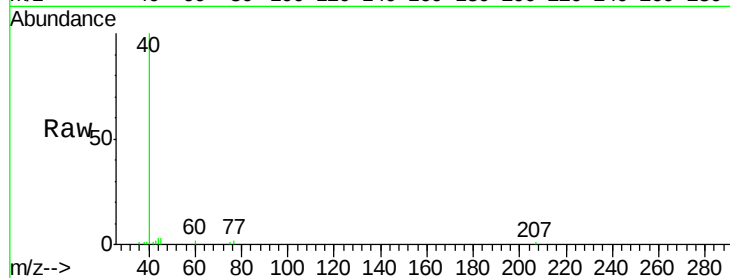
KY038PS038-190318

Tot Ion: 75 Resp: 32

Ion Ratio Lower Upper

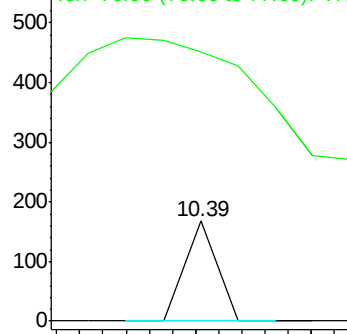
75 100

77 55.4 25.8 38.8#

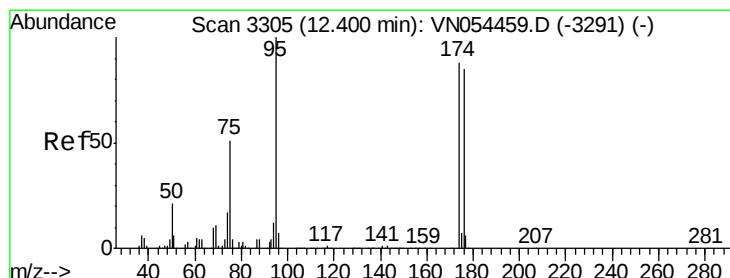
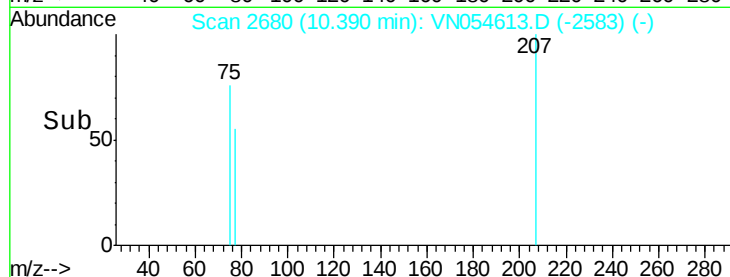


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#62

4-Bromofluorobenzene

Concen: 48.029 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

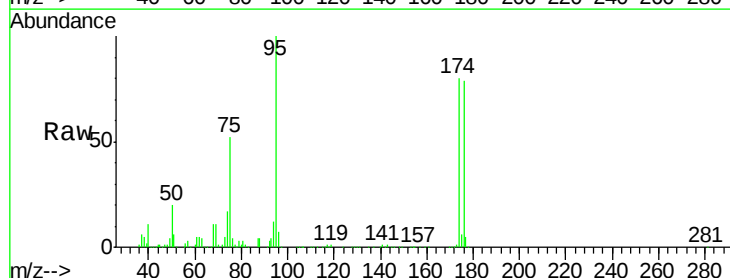
Tgt Ion: 95 Resp: 379983

Ion Ratio Lower Upper

95 100

174 82.1 0.0 191.0

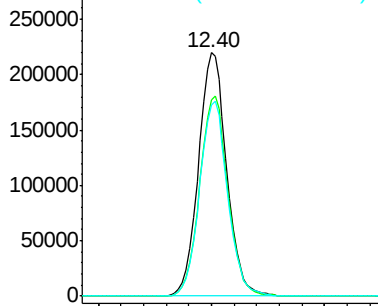
176 80.0 0.0 187.4



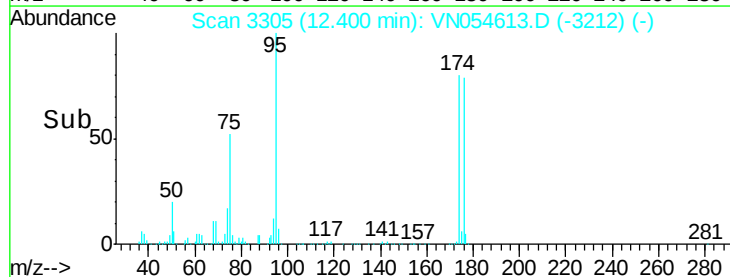
Abundance Ion 94.90 (94.60 to 95.60): VN0

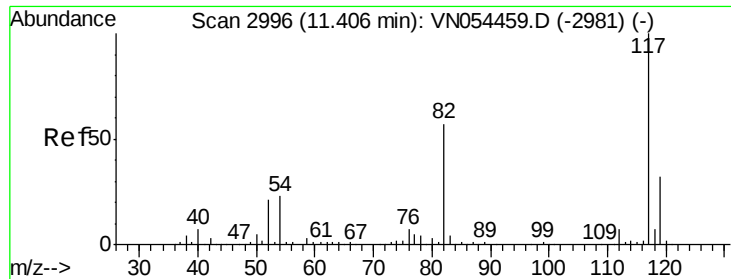
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

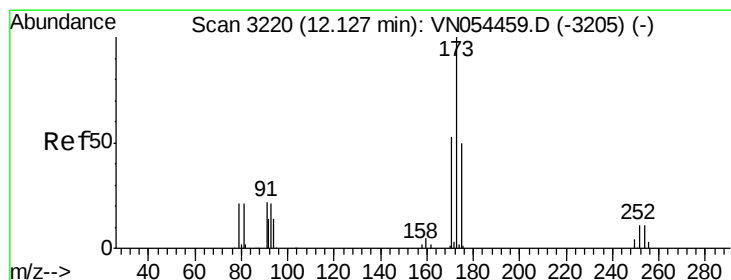
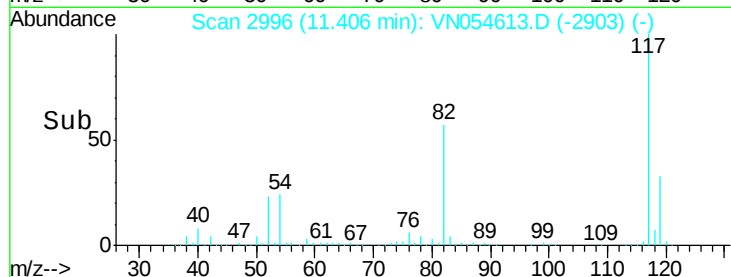
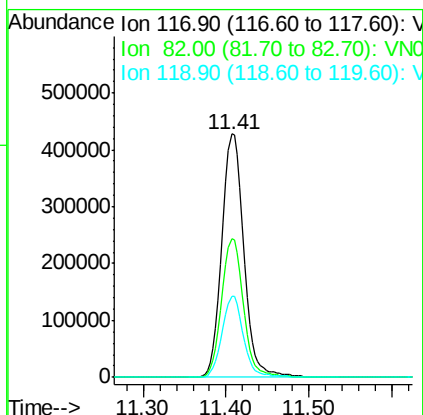
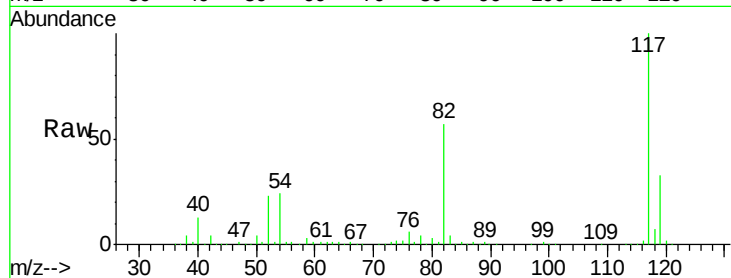




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

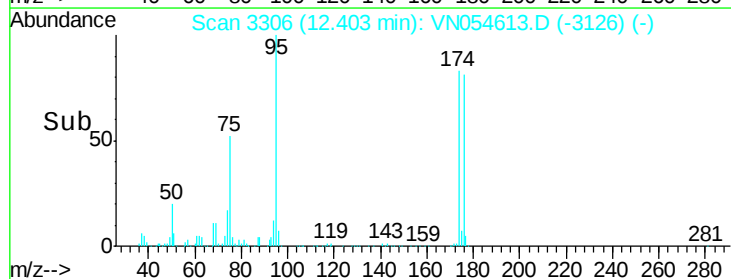
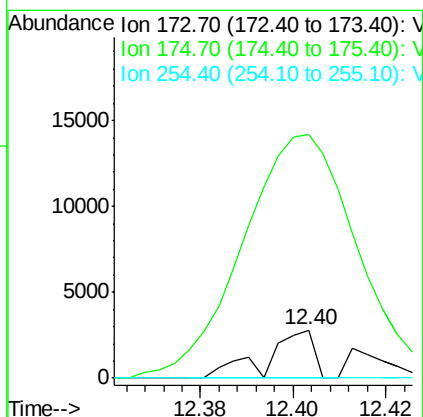
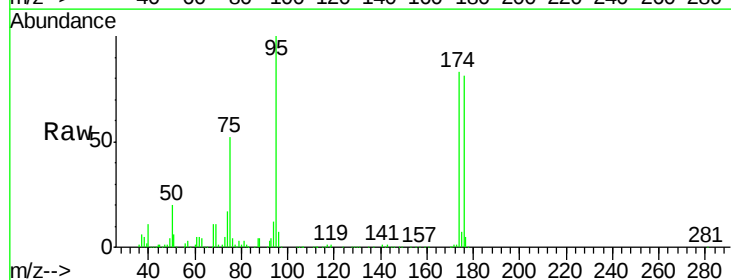
Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-190318

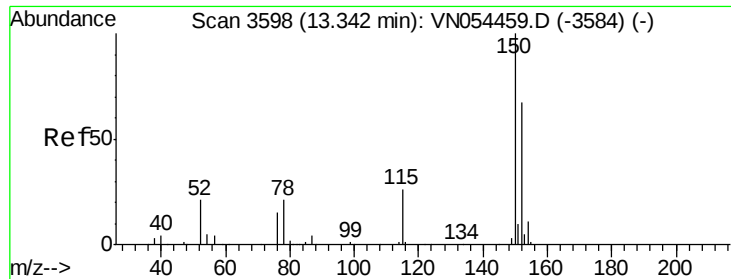
Tot Ion:117 Resp: 787229
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 33.1 25.8 38.6



#71
Bromoform
Concen: 2.693 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Tgt Ion:173 Resp: 1959
Ion Ratio Lower Upper
173 100
175 1085.4 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190318

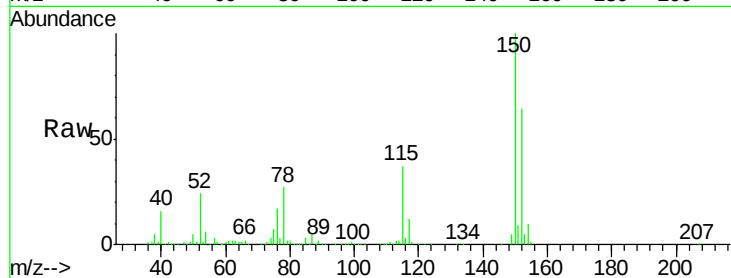
Tot Ion:152 Resp: 276739

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

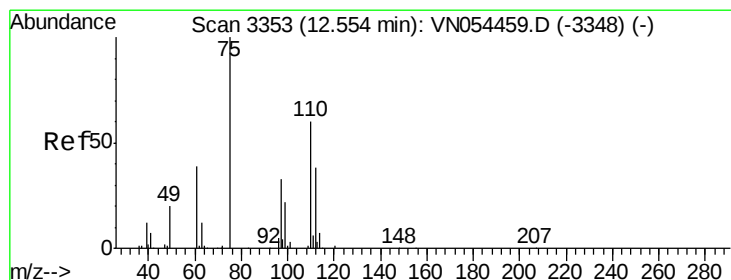
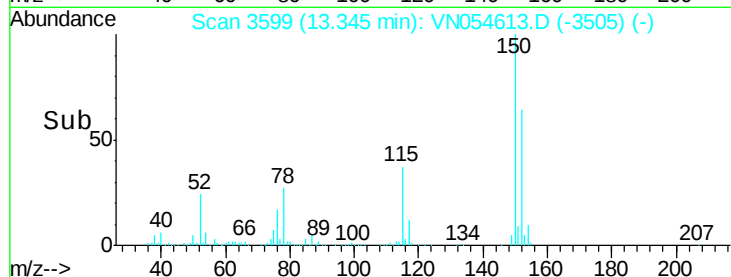
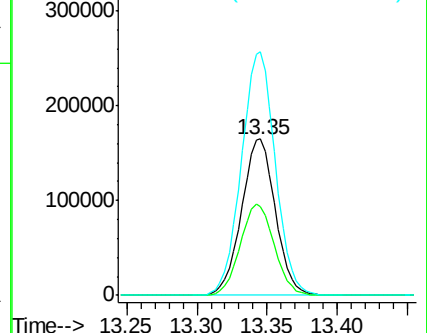
150 156.4 0.0 349.2



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: 44.096 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054613.D

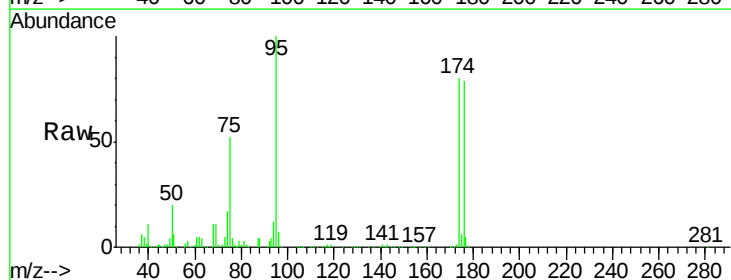
Acq: 23 Mar 2019 19:11

Tgt Ion: 75 Resp: 193645

Ion Ratio Lower Upper

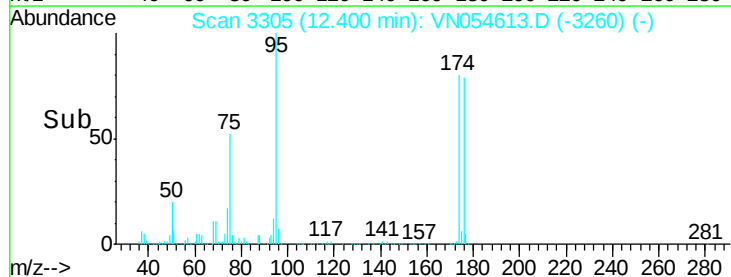
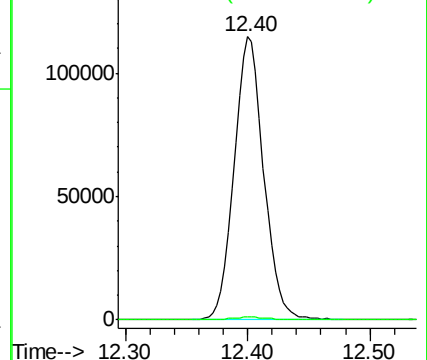
75 100

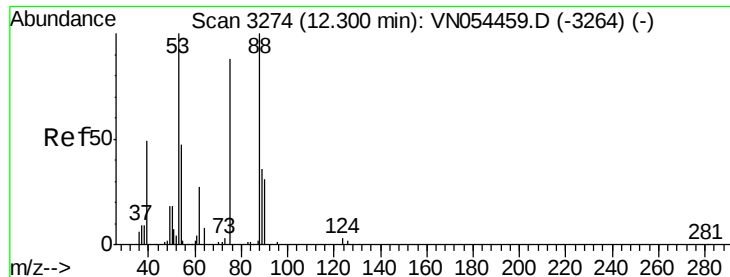
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 145.544 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190318

Tot Ion: 75 Resp: 193645

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

