

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060099.D
 Acq On : 14 Feb 2020 10:10
 Operator : JC/MD
 Sample : VN0214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 02:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	162654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	257694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	80638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98601	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.56	113	78227	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.08	98	306376	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.40	95	96777	42.22	ug/l	0.00
Spiked Amount			Recovery	=	84.44%	

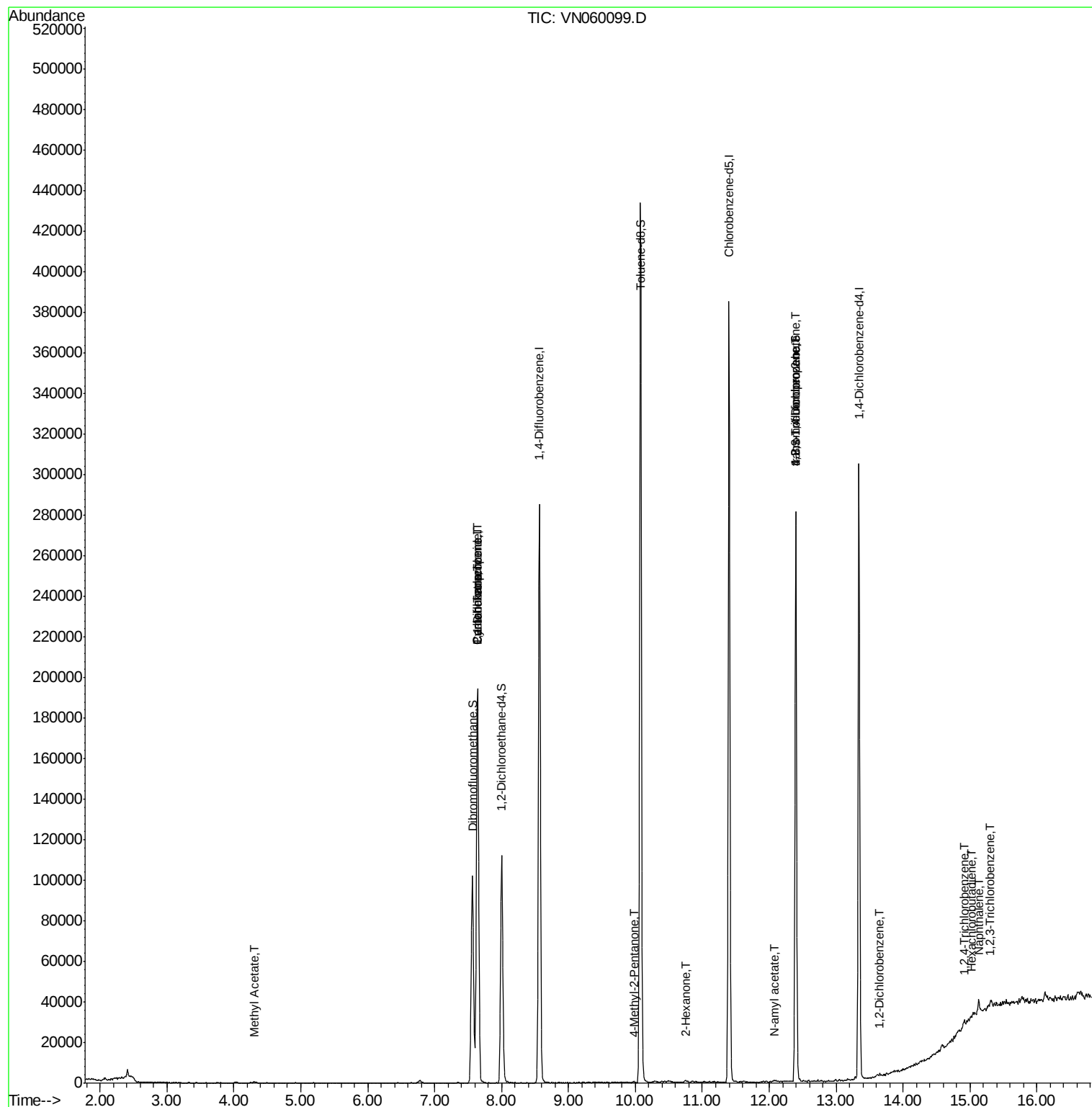
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.30	43	1327	0.818	ug/l #	50
31) Cyclohexane	7.65	56	3332	1.190	ug/l #	10
36) 1,1-Dichloropropene	7.64	75	12064	5.054	ug/l #	48
38) Carbon Tetrachloride	7.64	117	15439	5.956	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	610	0.286	ug/l #	35
59) 2-Hexanone	10.75	43	997	0.605	ug/l #	61
74) N-amyl acetate	12.08	43	724	0.333	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	49588	32.142	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	49588	78.700	ug/l #	12
91) 1,2-Dichlorobenzene	13.65	146	528	0.204	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.27	75	95	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1250	0.822	ug/l	90
94) Hexachlorobutadiene	15.01	225	299	0.336	ug/l	86
95) Naphthalene	15.13	128	5620	1.368	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	2001	1.321	ug/l	95

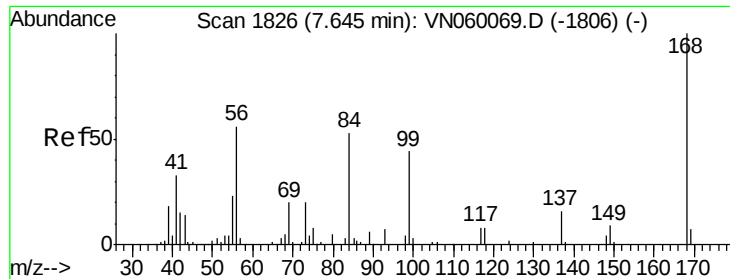
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN021420\
Data File : VN060099.D
Acq On : 14 Feb 2020 10:10
Operator : JC/MD
Sample : VN0214MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 02:41:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

Instrument :

MSVOA_N

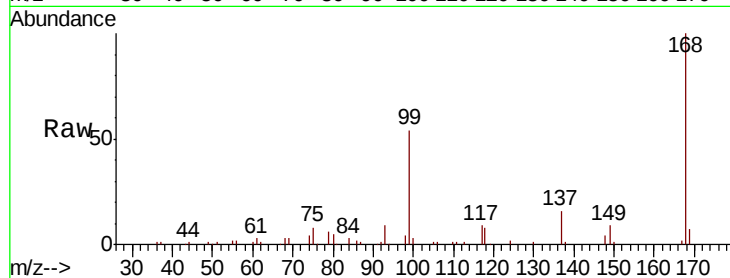
ClientSampleId :

Tot Ion:168 Resp: 162654

Ion Ratio Lower Upper

168 100

99 54.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

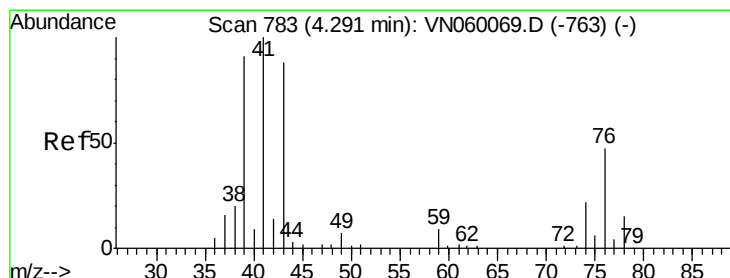
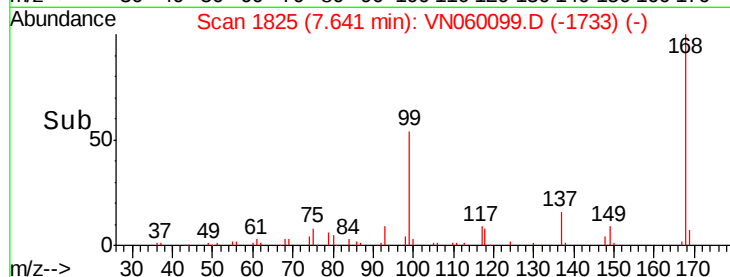
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 0.818 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN060099.D

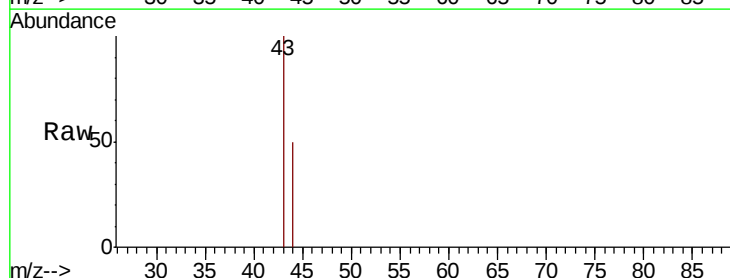
Acq: 14 Feb 2020 10:10

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.30

500

400

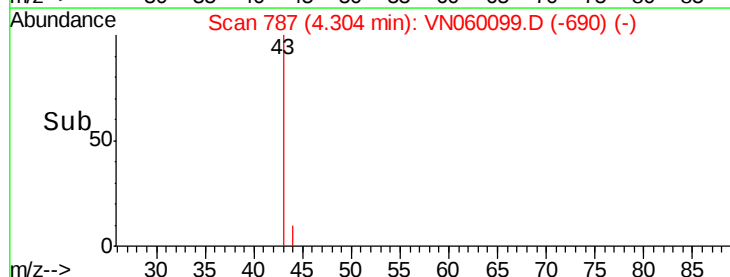
300

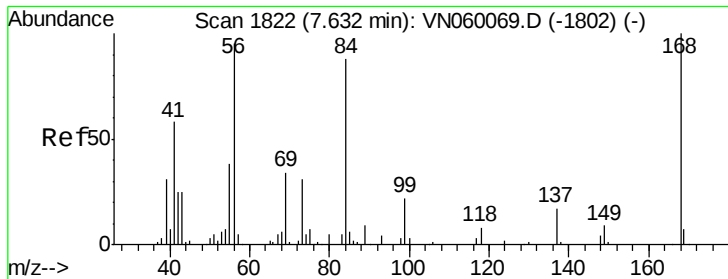
200

100

0

Time--> 4.25 4.30 4.35

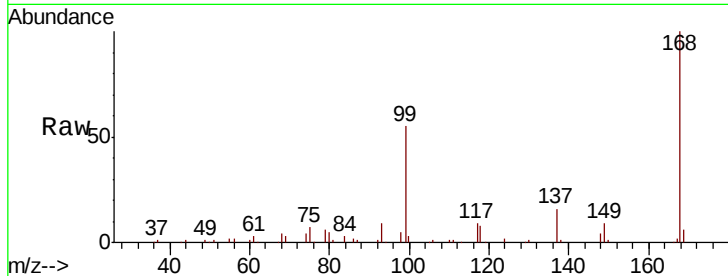




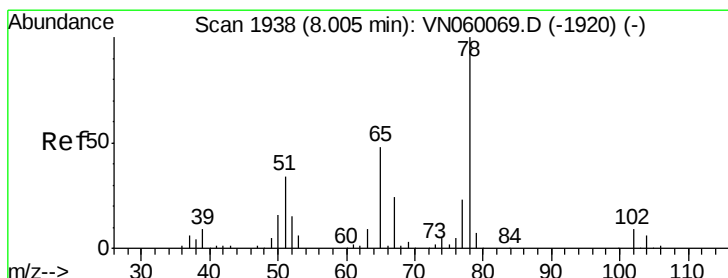
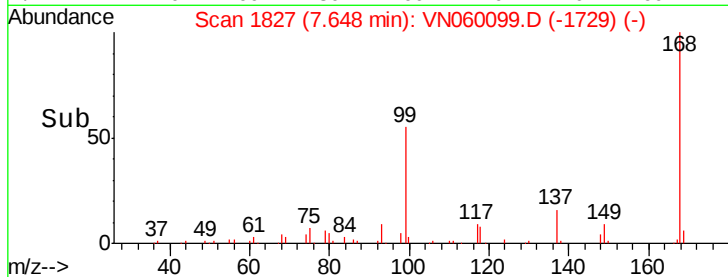
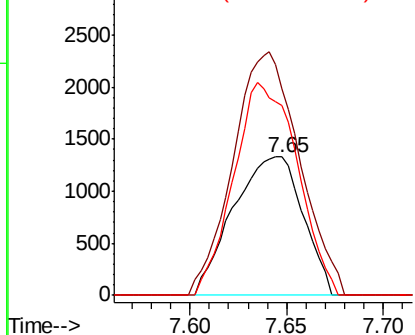
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 149.1 28.3 42.5#
84 136.9 72.6 108.8#

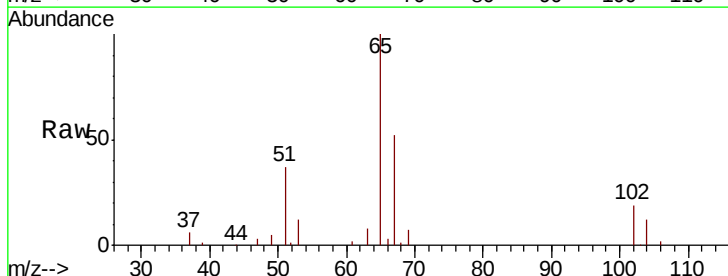


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

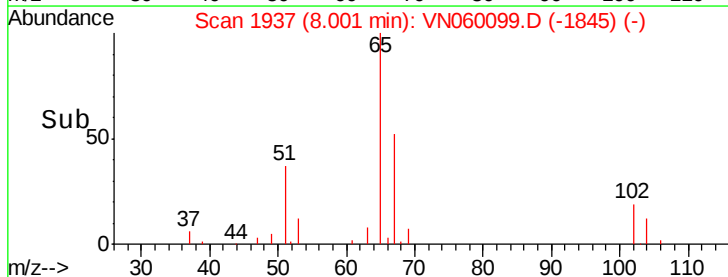
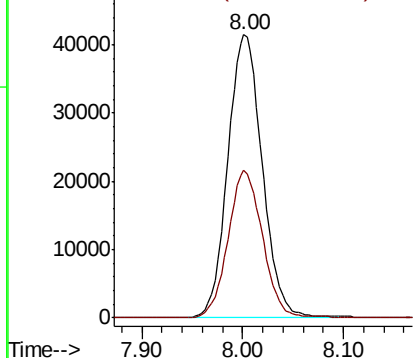


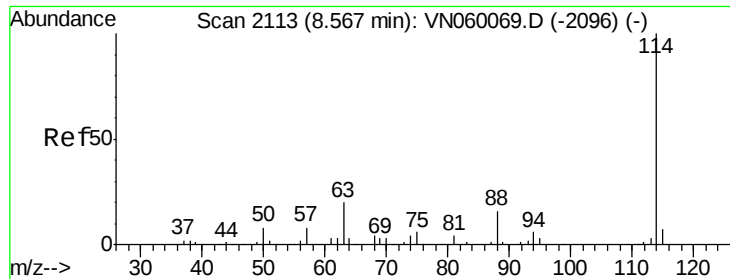
#33
1,2-Dichloroethane-d4
Concen: 49.818 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Tgt Ion: 65 Resp: 98601
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



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

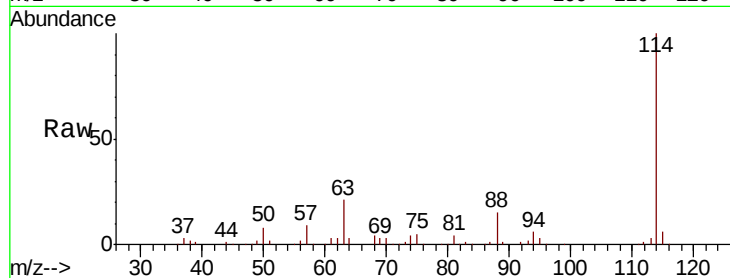




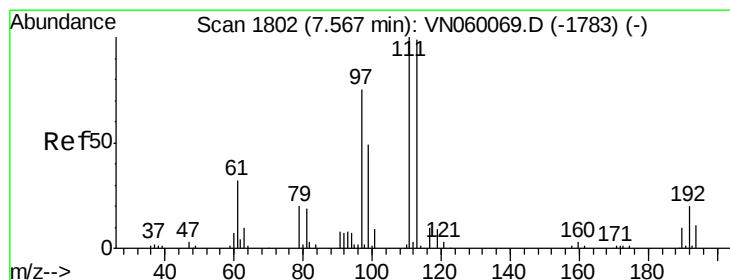
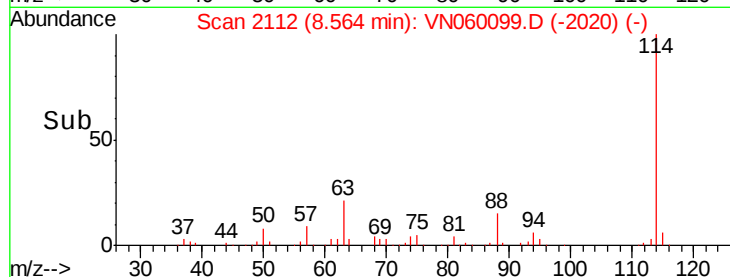
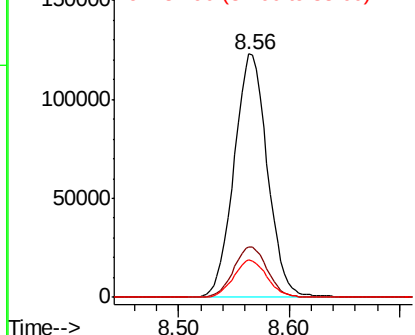
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 257694
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 15.5 0.0 31.6

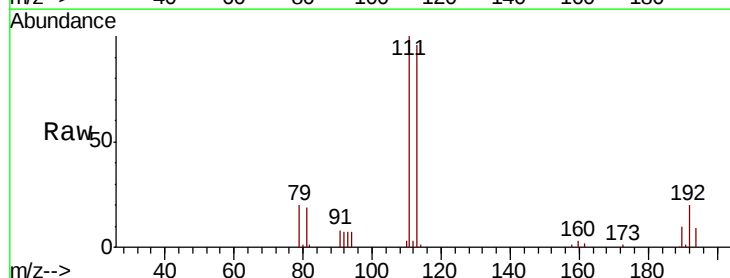


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

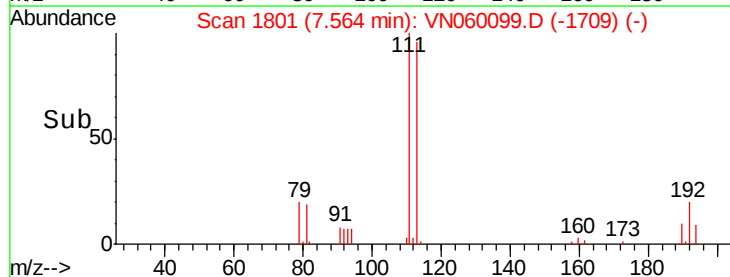
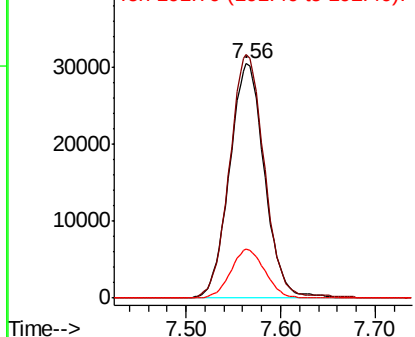


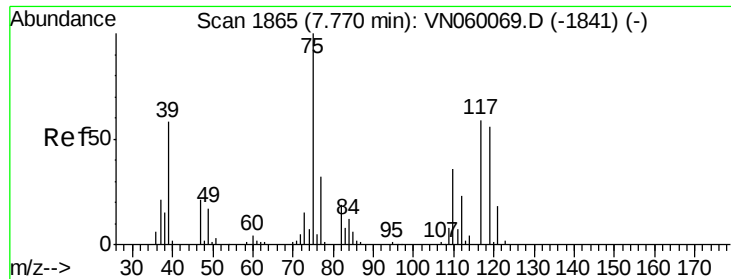
#35
Dibromofluoromethane
Concen: 49.384 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Tgt Ion:113 Resp: 78227
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 20.4 16.2 24.2



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

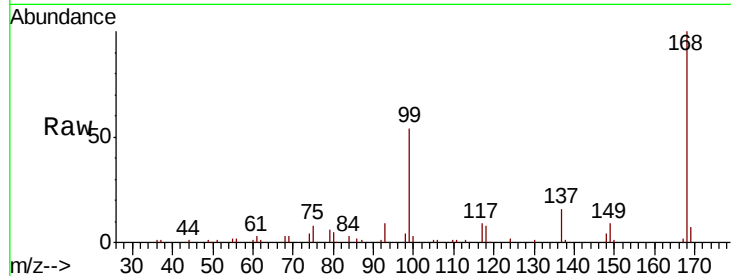




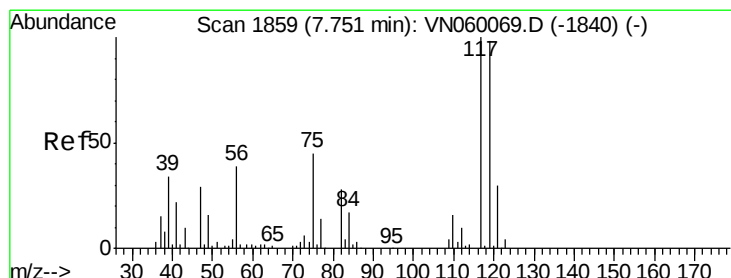
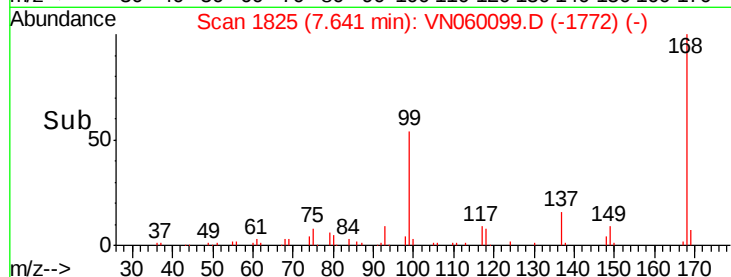
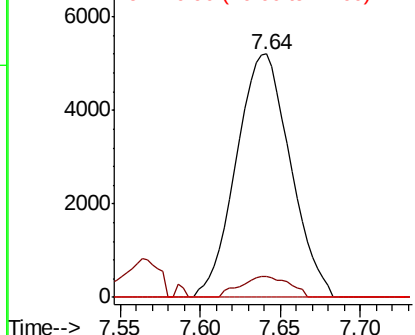
#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060099.D
 Acq: 14 Feb 2020 10:10

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.3#
77	0.0	25.1	37.7#

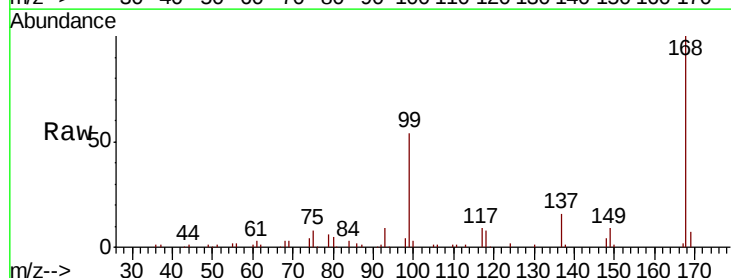


Abundance Ion 74.90 (74.60 to 75.60): VN060099.D (-1825) (-)
 Ion 109.90 (109.60 to 110.60): VN060099.D (-1825) (-)
 Ion 76.90 (76.60 to 77.60): VN060099.D (-1825) (-)

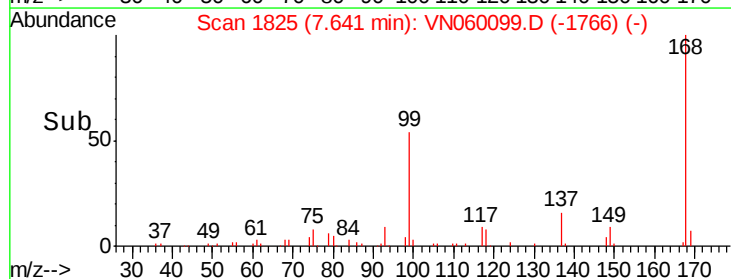
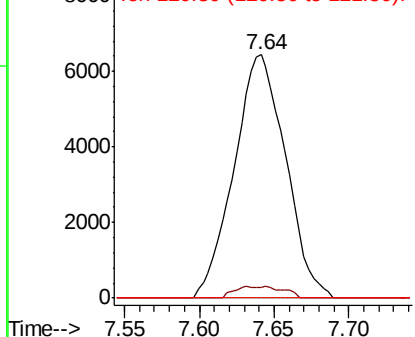


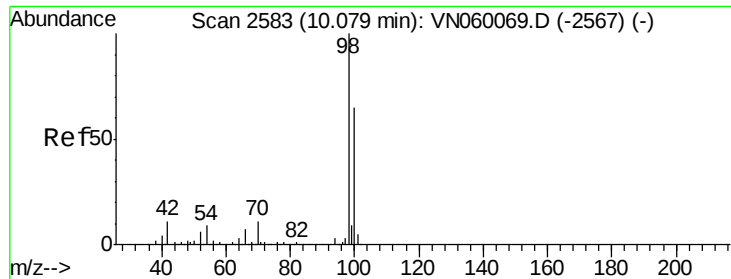
#38
 Carbon Tetrachloride
 Concen: 5.956 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060099.D
 Acq: 14 Feb 2020 10:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.2	117.4#
121	0.0	24.2	36.2#



Abundance Ion 116.80 (116.50 to 117.50): VN060099.D (-1825) (-)
 Ion 118.80 (118.50 to 119.50): VN060099.D (-1825) (-)
 Ion 120.80 (120.50 to 121.50): VN060099.D (-1825) (-)

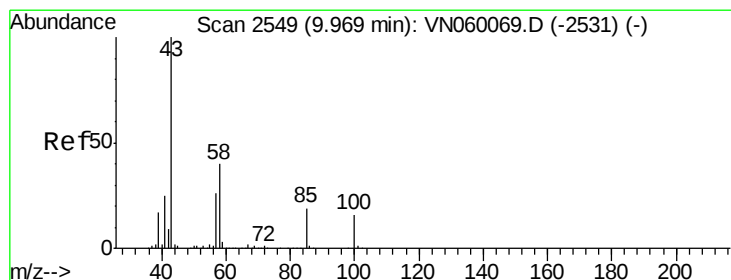
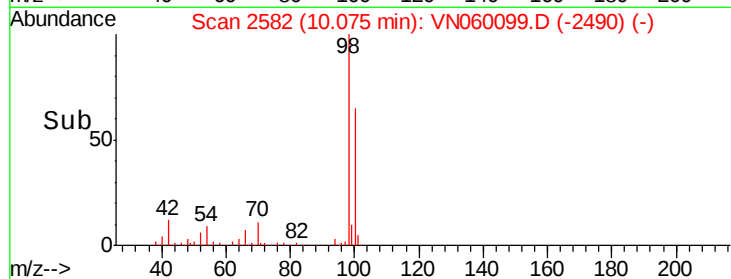
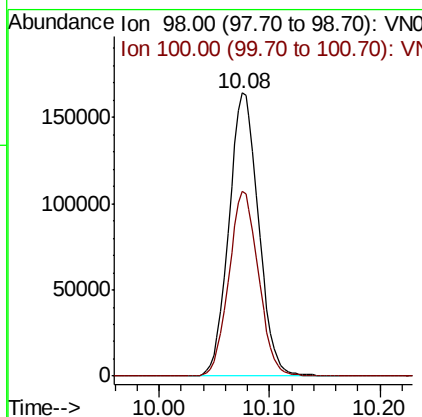
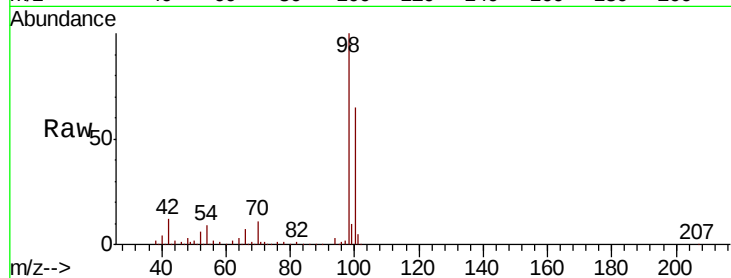




#50
Toluene-d8
Concen: 49.115 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

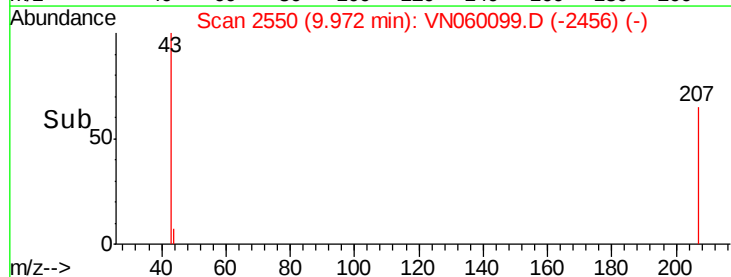
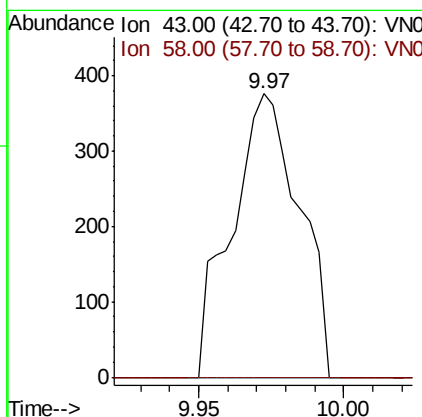
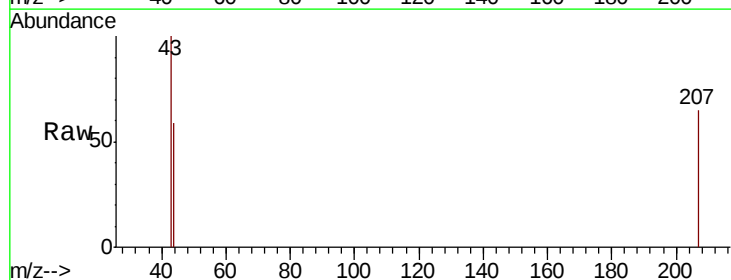
Instrument :
MSVOA_N
ClientSampled :

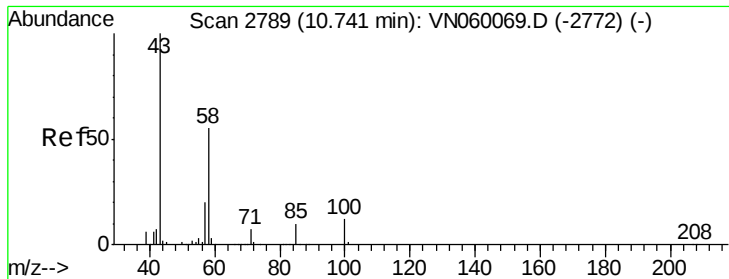
Tot Ion: 98 Resp: 306376
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#

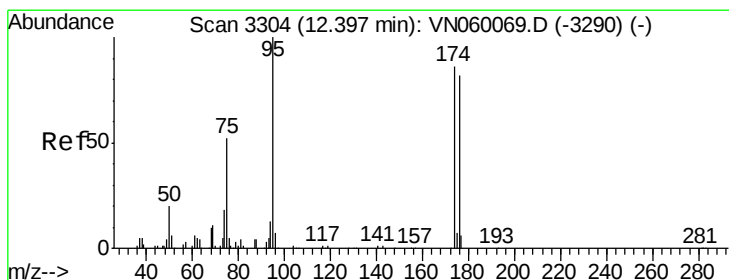
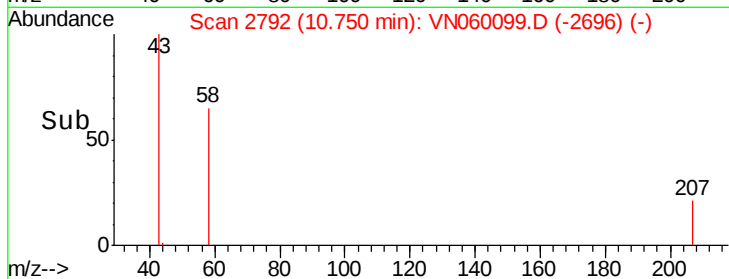
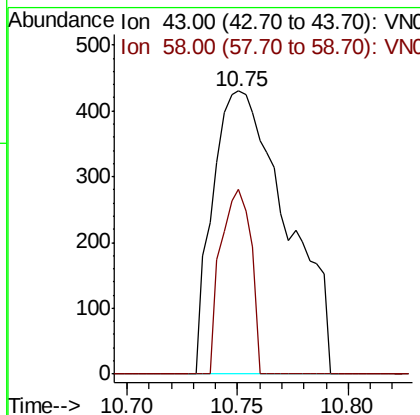
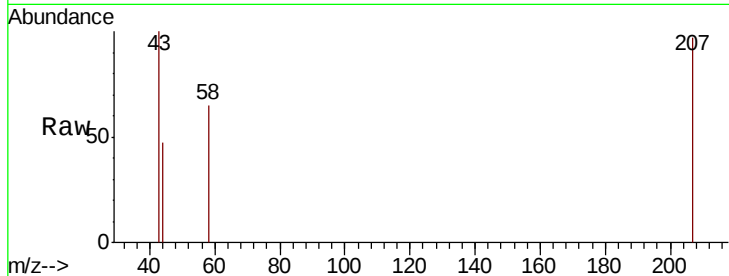




#59
2-Hexanone
Concen: 0.605 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

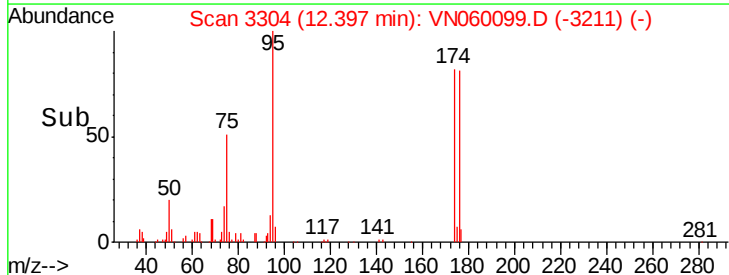
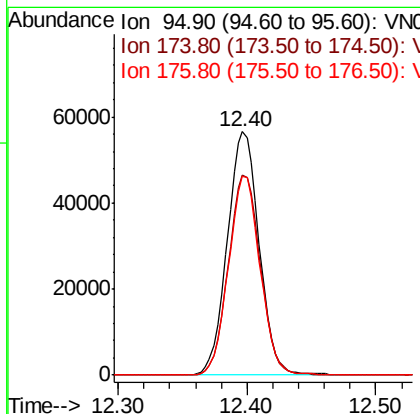
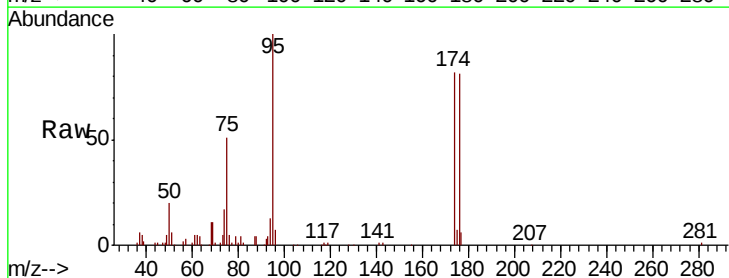
Instrument :
MSVOA_N
ClientSampled :

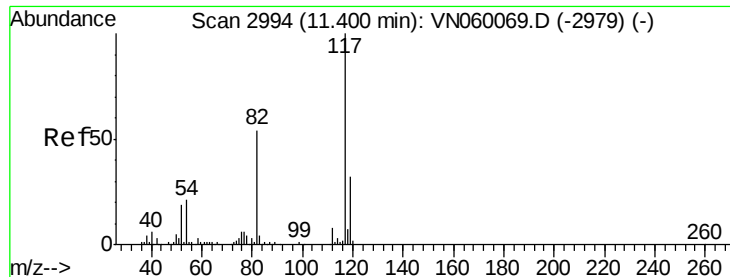
Tot Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 26.6 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 42.221 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Tgt Ion: 95 Resp: 96777
Ion Ratio Lower Upper
95 100
174 83.2 0.0 169.8
176 81.2 0.0 164.8

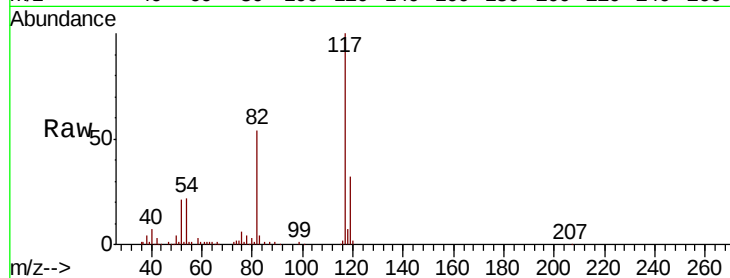




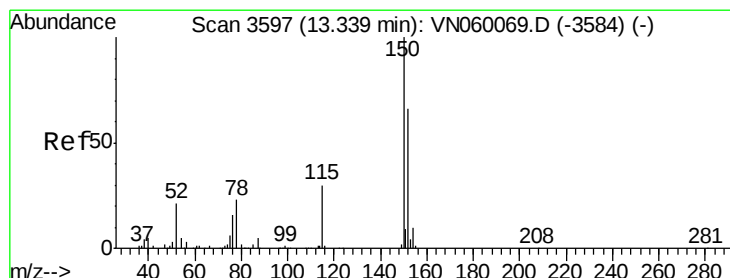
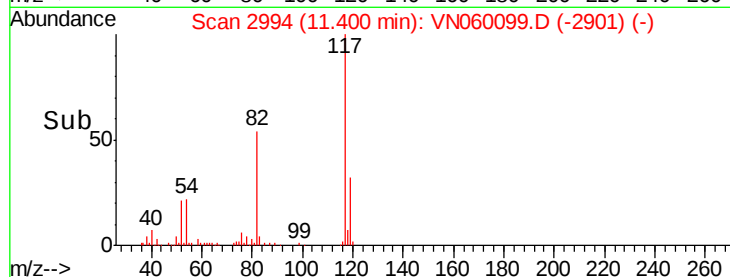
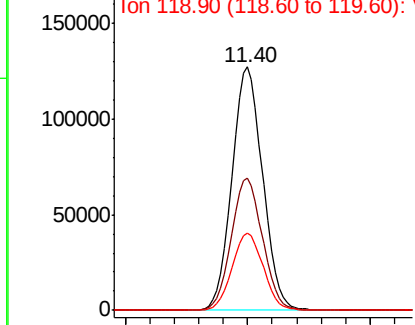
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 222923
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.9 25.8 38.6

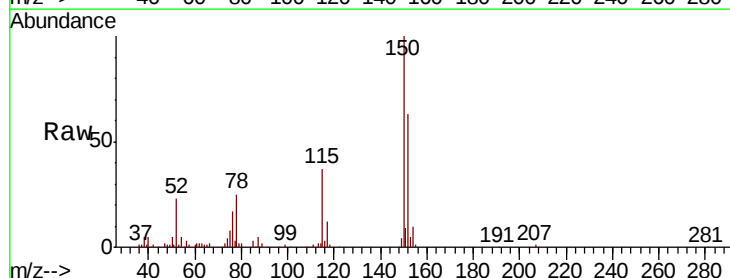


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

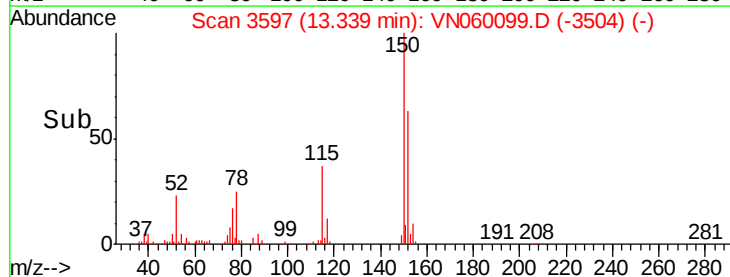
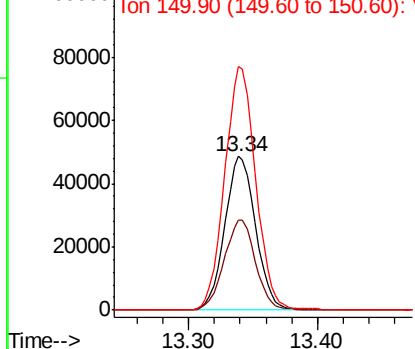


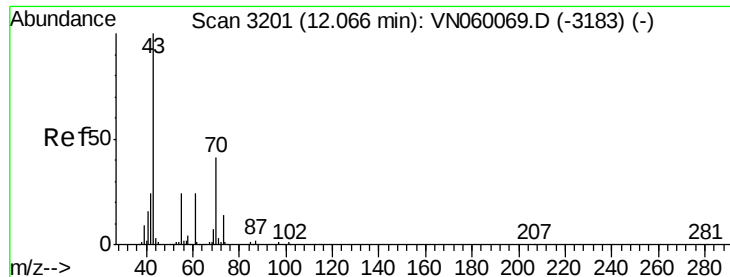
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060099.D
Acq: 14 Feb 2020 10:10

Tgt Ion:152 Resp: 80638
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.8
150 159.2 0.0 342.4



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





#74

N-amvl acetate

Concen: 0.333 ug/l

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 724

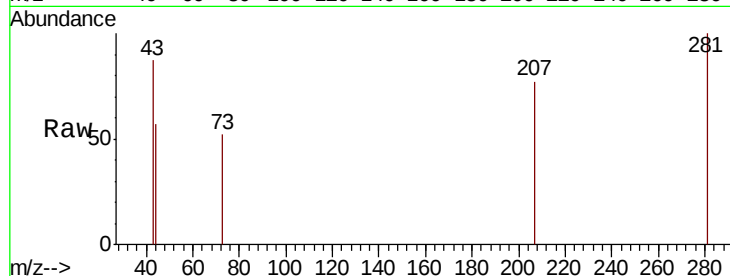
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 18.8 28.2#

61 0.0 19.2 28.8#

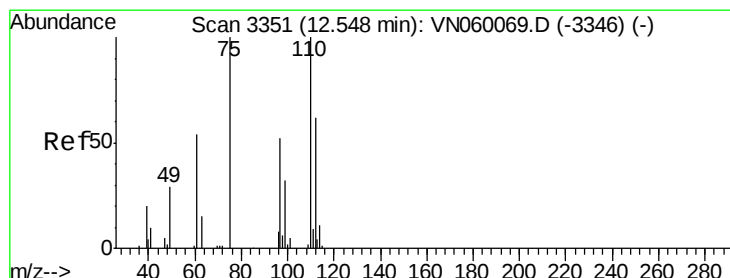
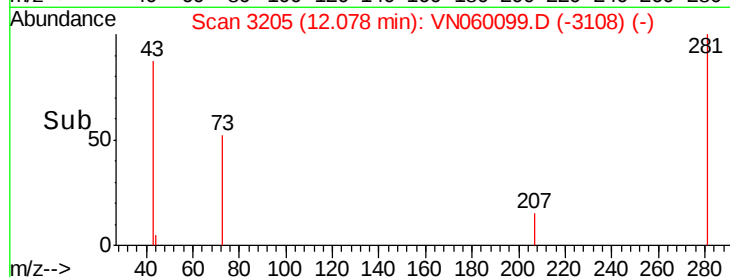
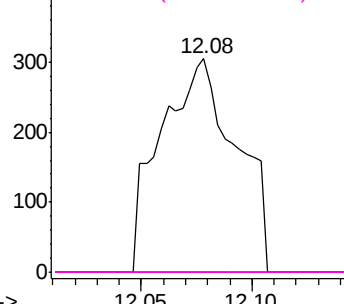


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 32.142 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060099.D

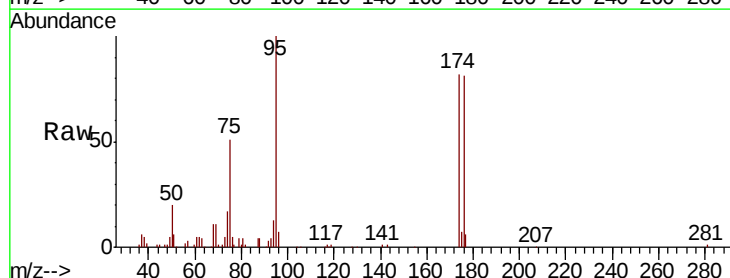
Acq: 14 Feb 2020 10:10

Tgt Ion: 75 Resp: 49588

Ion Ratio Lower Upper

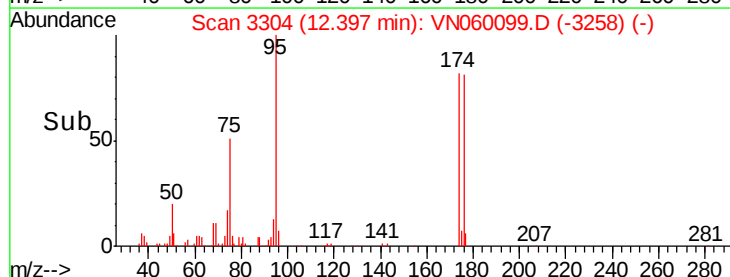
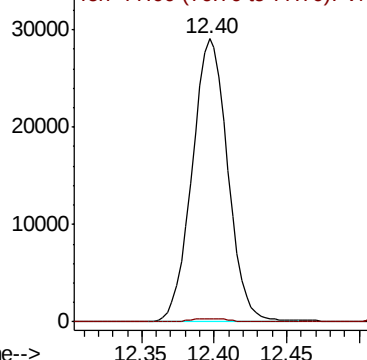
75 100

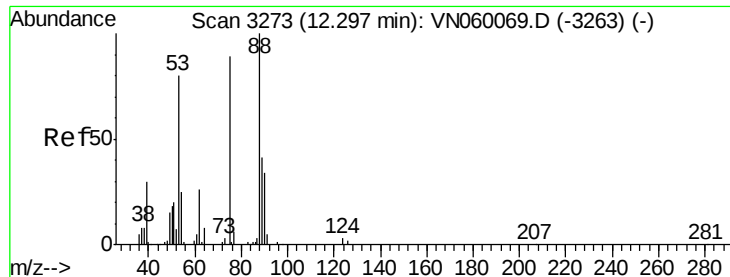
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

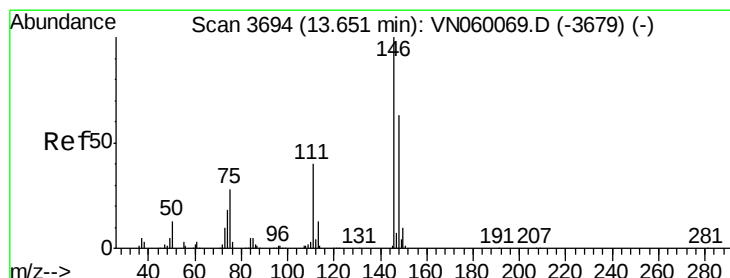
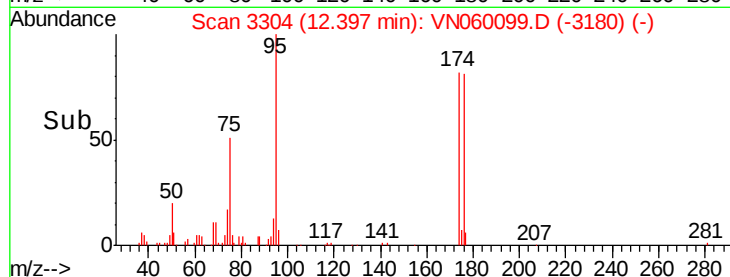
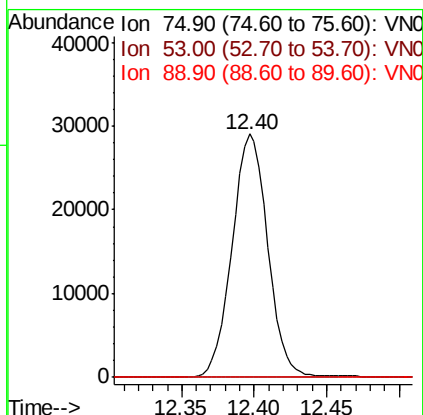
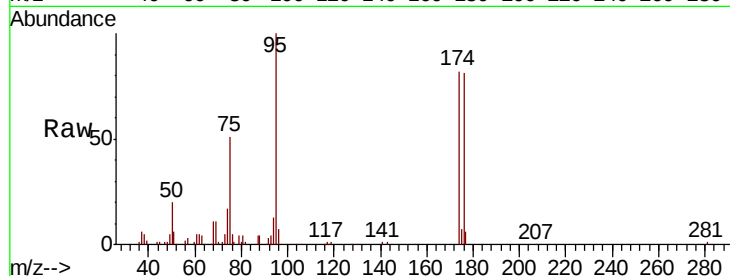




#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.700 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060099.D
 Acq: 14 Feb 2020 10:10

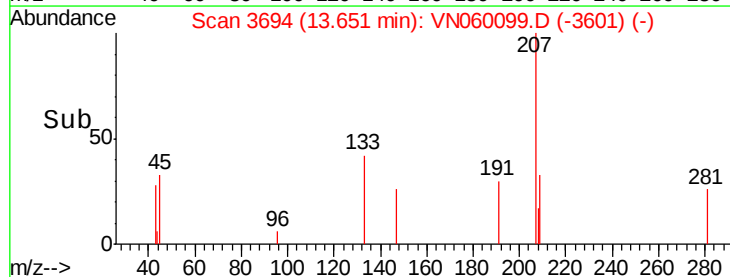
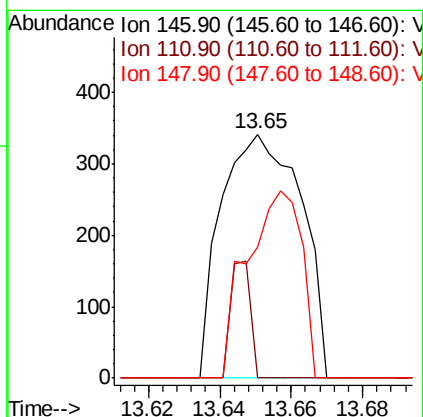
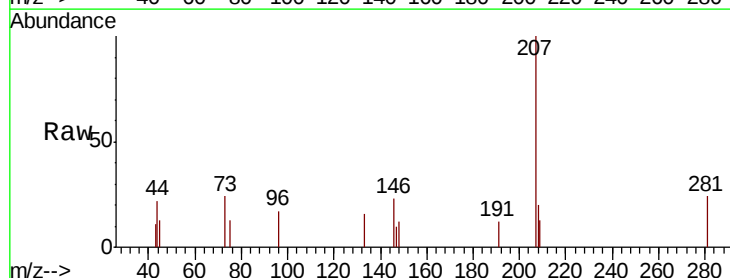
Instrument :
 MSVOA_N
 ClientSampleId :

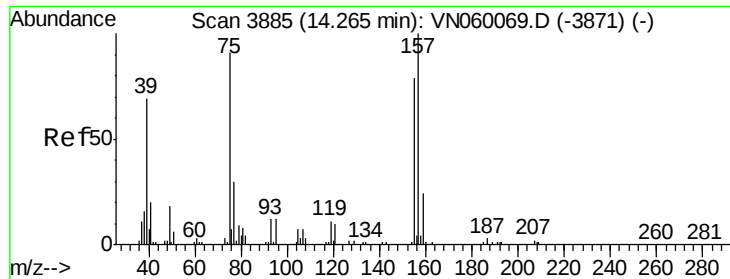
Tot Ion: 75 Resp: 49588
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.0 55.4#



#91
 1,2-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060099.D
 Acq: 14 Feb 2020 10:10

Tgt Ion: 146 Resp: 528
 Ion Ratio Lower Upper
 146 100
 111 11.9 20.1 60.2#
 148 52.5 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

Instrument :

MSVOA_N

ClientSampled :

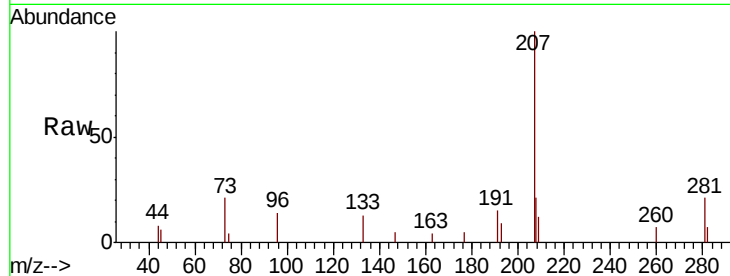
Tot Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

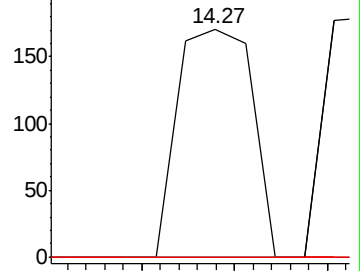
157 0.0 54.9 164.5#



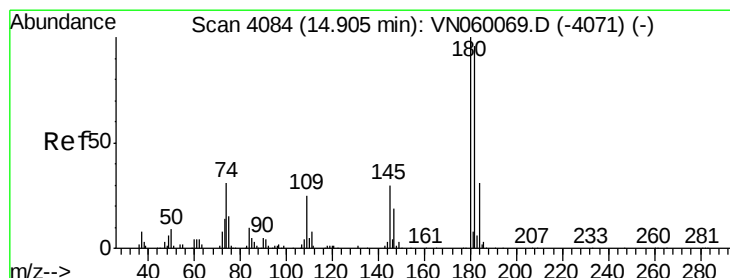
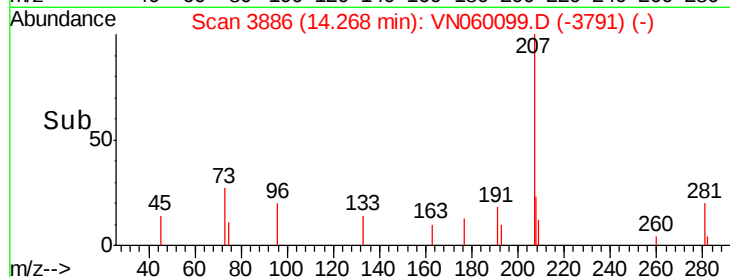
Abundance Ion 74.90 (74.60 to 75.60): VN060099.D (-3871) (-)

Ion 154.80 (154.50 to 155.50): VN060099.D (-3871) (-)

Ion 156.80 (156.50 to 157.50): VN060099.D (-3871) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.822 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

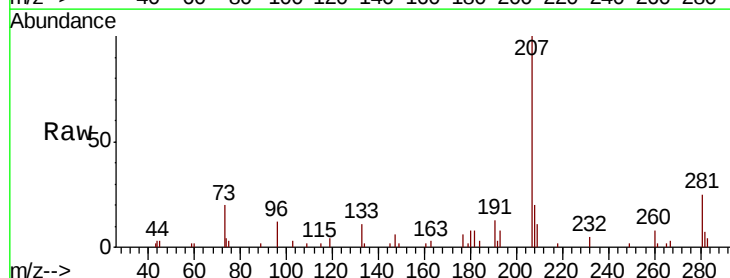
Tgt Ion: 180 Resp: 1250

Ion Ratio Lower Upper

180 100

182 88.0 47.9 143.8

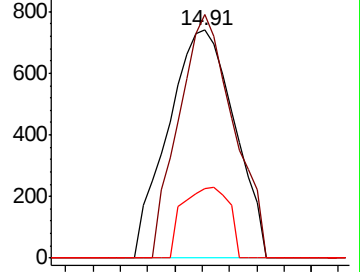
145 21.5 15.2 45.5



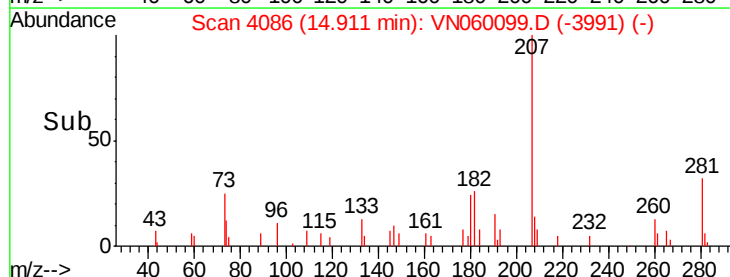
Abundance Ion 179.80 (179.50 to 180.50): VN060099.D (-3991) (-)

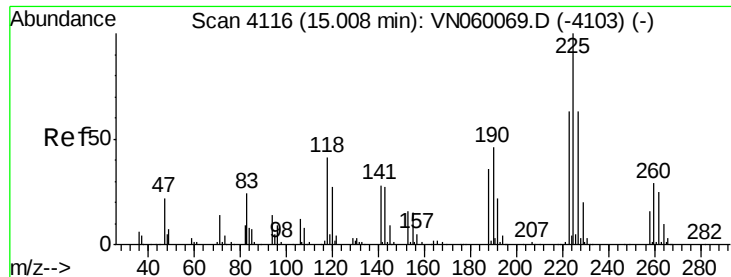
Ion 181.80 (181.50 to 182.50): VN060099.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN060099.D (-3991) (-)



Time-->





#94

Hexachlorobutadiene

Concen: 0.336 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

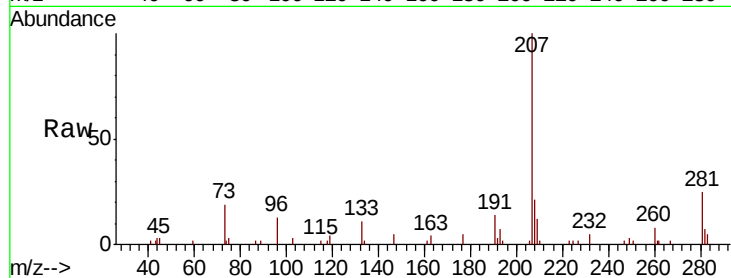
Tot Ion:225 Resp: 299

Ion Ratio Lower Upper

225 100

223 49.8 31.5 94.5

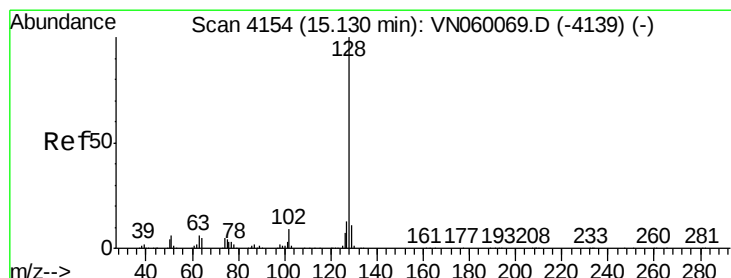
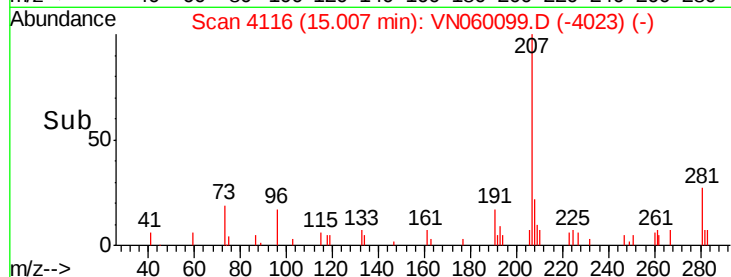
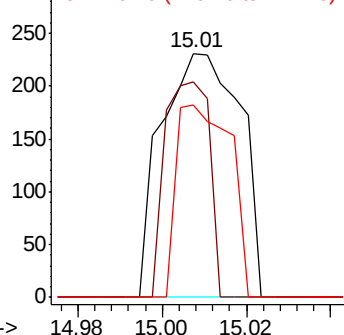
227 54.5 31.8 95.4



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: 1.368 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060099.D

Acq: 14 Feb 2020 10:10

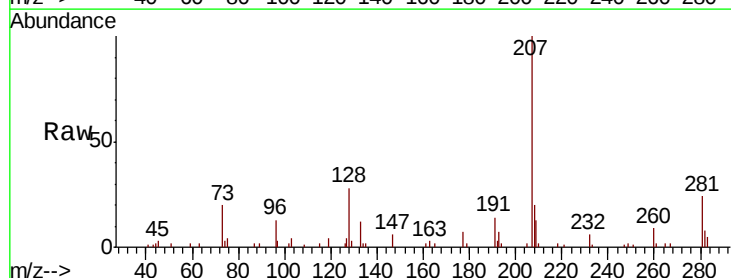
Tgt Ion:128 Resp: 5620

Ion Ratio Lower Upper

128 100

127 11.0 10.3 15.5

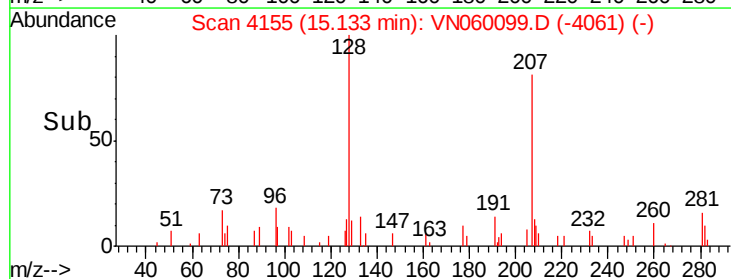
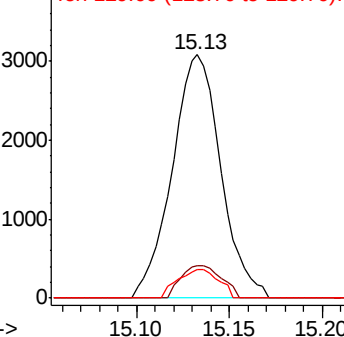
129 9.8 8.6 13.0

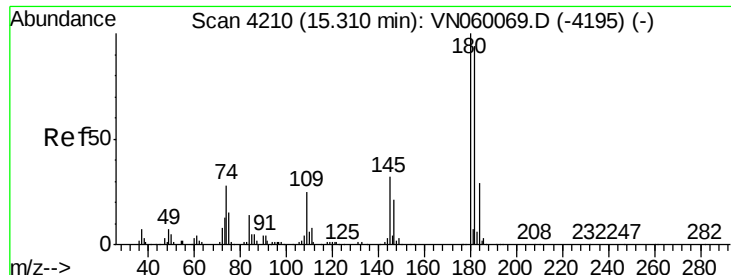


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.321 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN060099.D
 Acq: 14 Feb 2020 10:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.5	142.5
145	34.4	16.1	48.3

