

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110519\
 Data File : VN059085.D
 Acq On : 5 Nov 2019 11:11
 Operator : JC/SP
 Sample : VN1105WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBL01

Quant Time: Nov 06 00:38:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	462644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	722436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	623489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217628	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	304371	49.68	ug/l	0.00
Spiked Amount						
			Recovery	=	99.36%	
35) Dibromofluoromethane	7.57	113	231695	49.71	ug/l	0.00
Spiked Amount						
			Recovery	=	99.42%	
50) Toluene-d8	10.08	98	900298	49.62	ug/l	0.00
Spiked Amount						
			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	276529	42.40	ug/l	0.00
Spiked Amount						
			Recovery	=	84.80%	

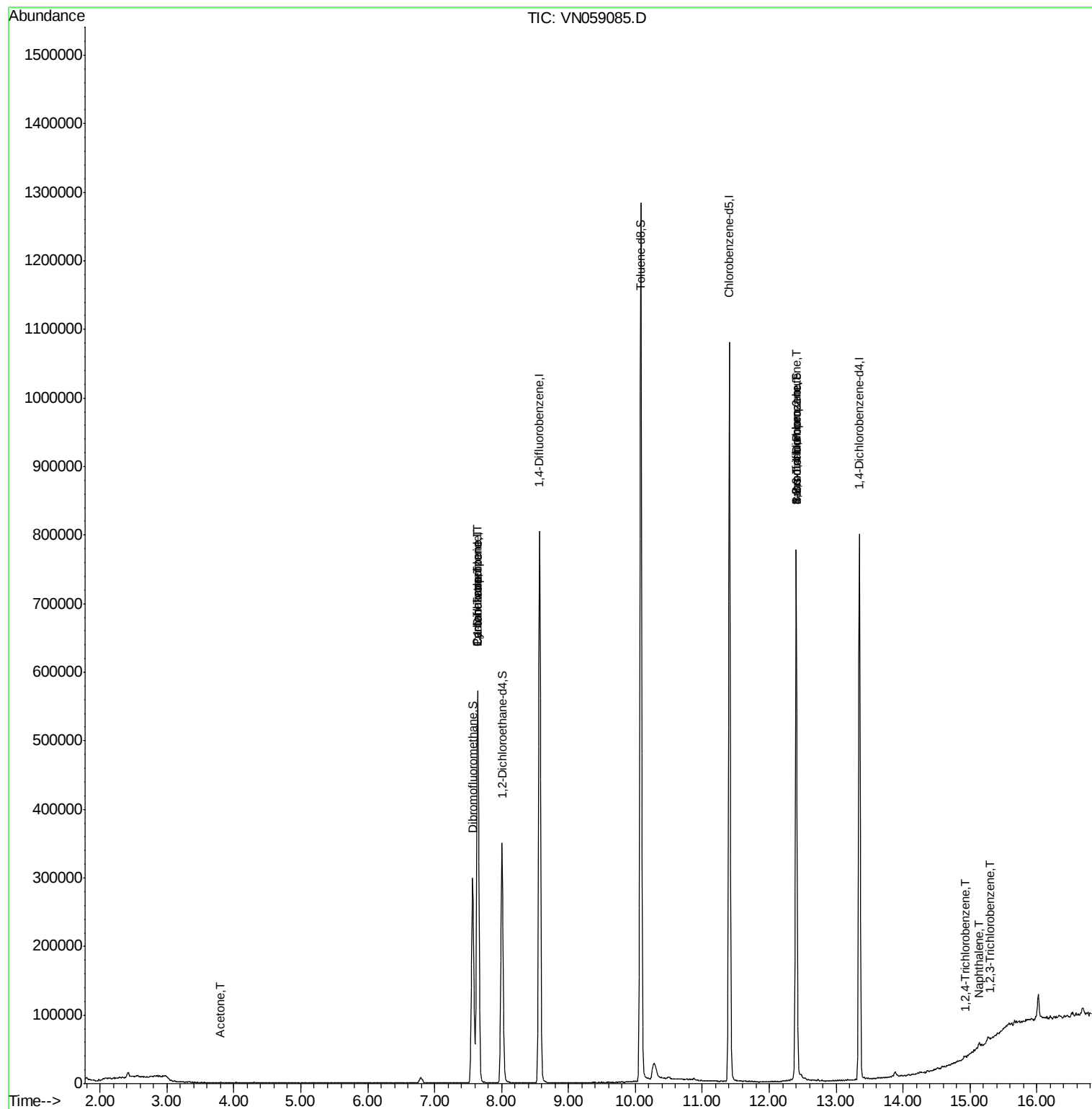
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	843	0.272	ug/l #	43
31) Cyclohexane	7.64	56	9972	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35814	4.988	ug/l #	50
38) Carbon Tetrachloride	7.64	117	45263	6.468	ug/l #	16
71) Bromoform	12.41	173	1480	0.406	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	140255	27.234	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	140255	69.815	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.92	180	924	0.242	ug/l	86
95) Naphthalene	15.13	128	3607	3.271	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.30	180	779	0.201	ug/l #	56

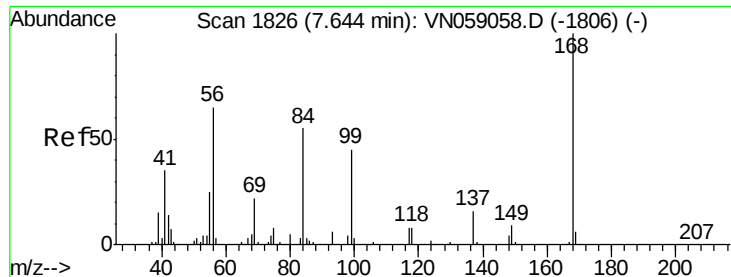
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110519\
Data File : VN059085.D
Acq On : 5 Nov 2019 11:11
Operator : JC/SP
Sample : VN1105WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBL01

Quant Time: Nov 06 00:38:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059085.D

Acq: 5 Nov 2019 11:11

Instrument :

MSVOA_N

ClientSampleId :

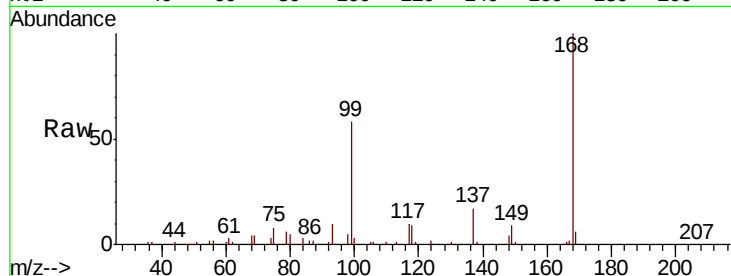
VN1105WBL01

Tot Ion:168 Resp: 462644

Ion Ratio Lower Upper

168 100

99 58.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

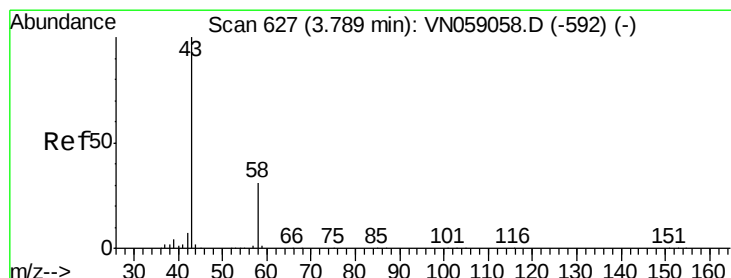
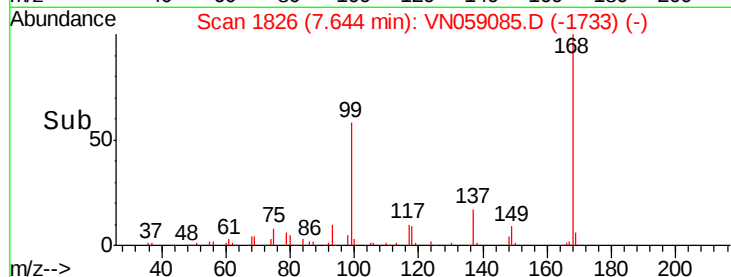
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.272 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059085.D

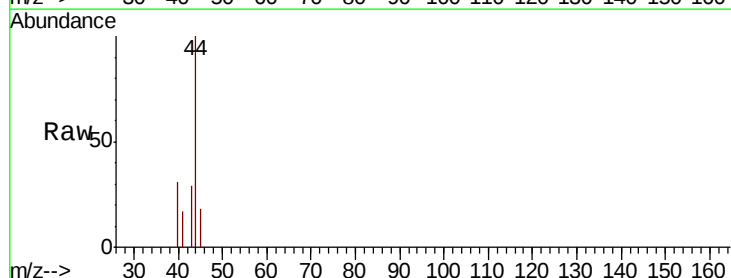
Acq: 5 Nov 2019 11:11

Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

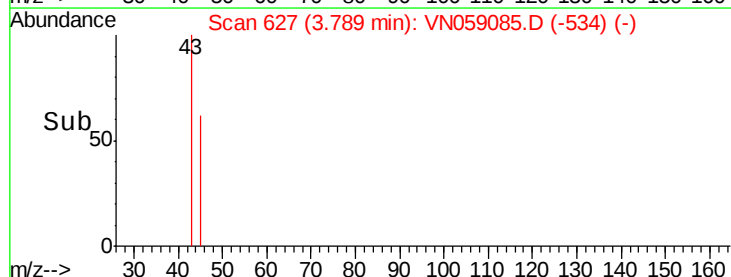
300

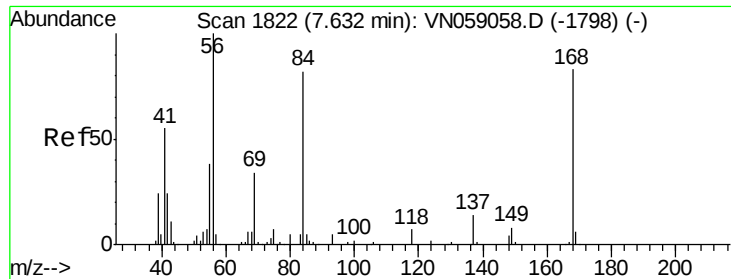
200

100

0

Time-->

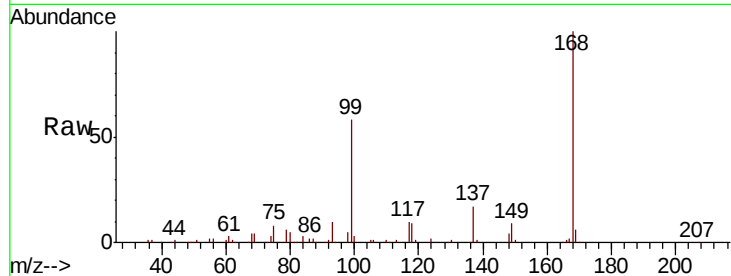




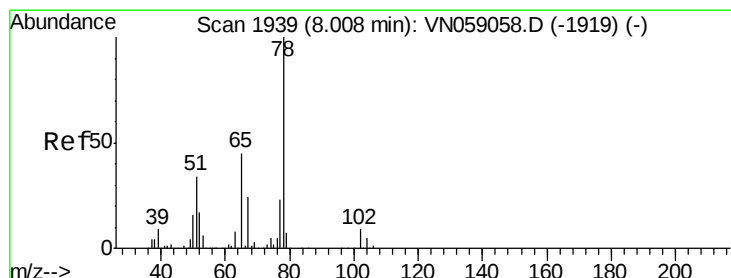
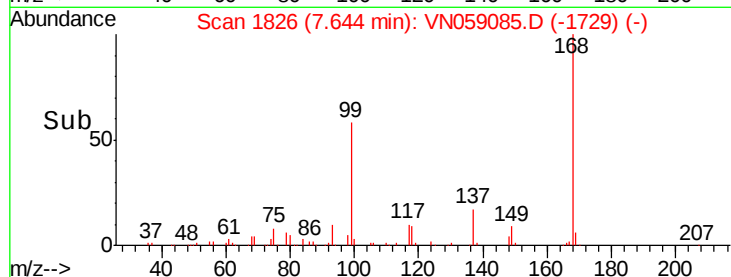
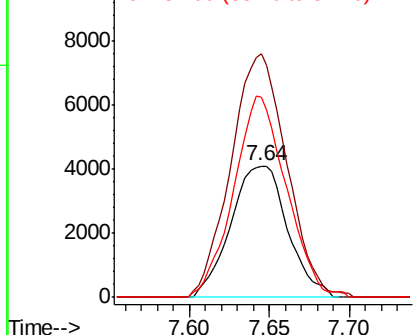
#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Instrument :
MSVOA_N
ClientSampled :
VN1105WBL01

Tot Ion: 56 Resp: 9972
Ion Ratio Lower Upper
56 100
69 185.0 27.2 40.8#
84 152.1 65.2 97.8#

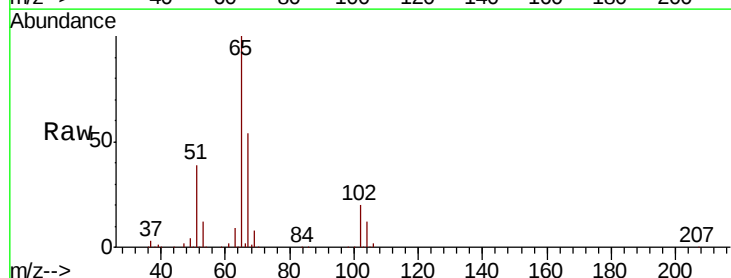


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

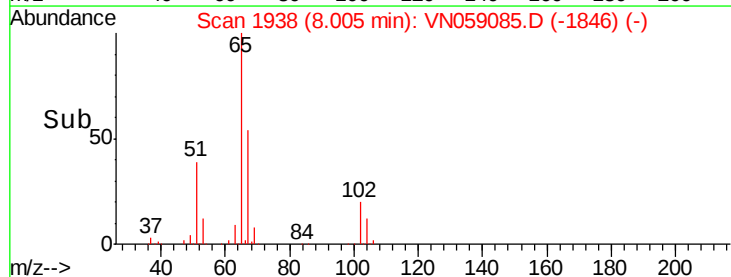
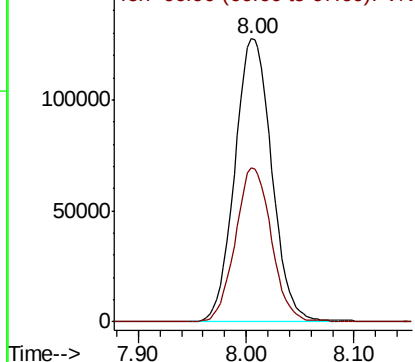


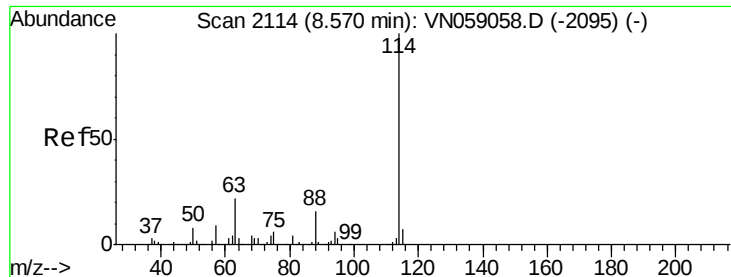
#33
1,2-Dichloroethane-d4
Concen: 49.676 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Tgt Ion: 65 Resp: 304371
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.6



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

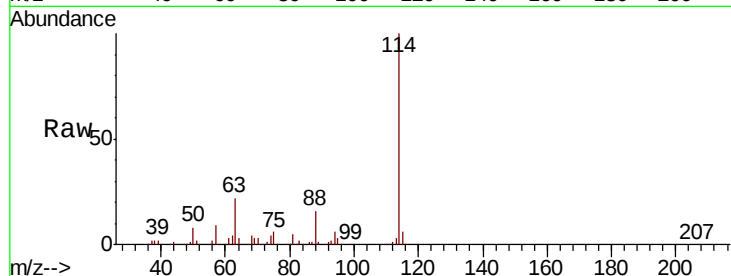




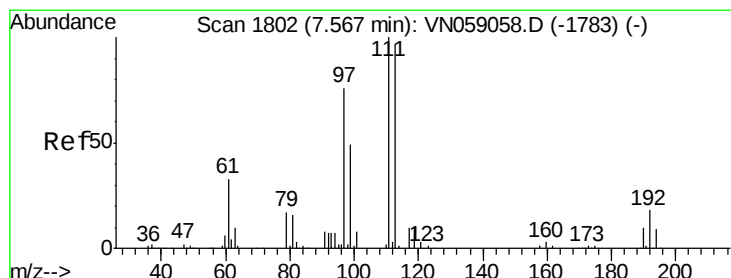
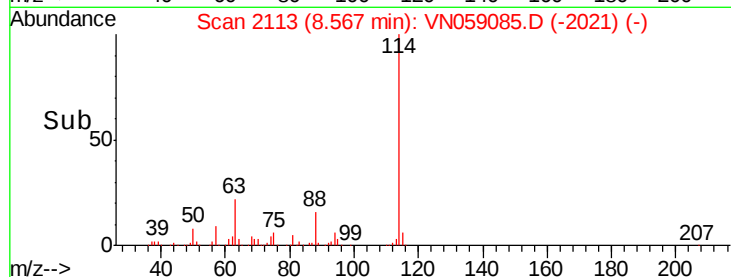
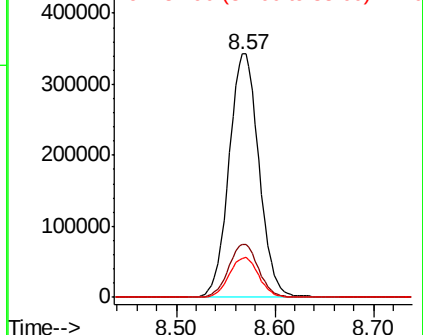
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059085.D
 Acq: 5 Nov 2019 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.2	0.0	33.0

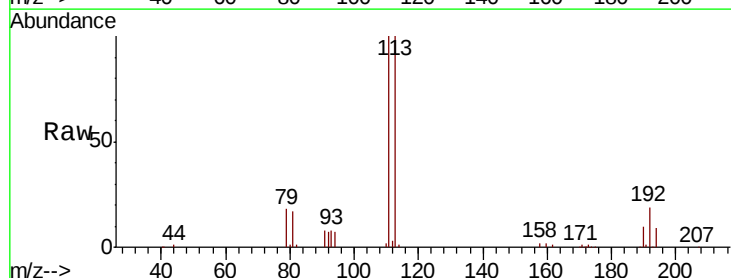


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

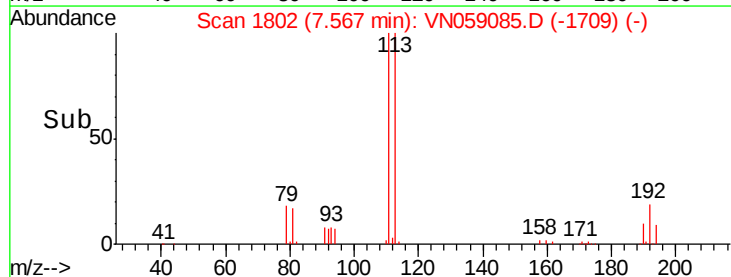
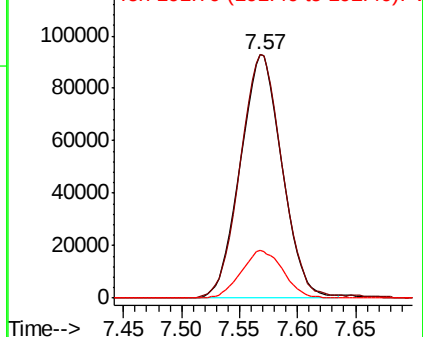


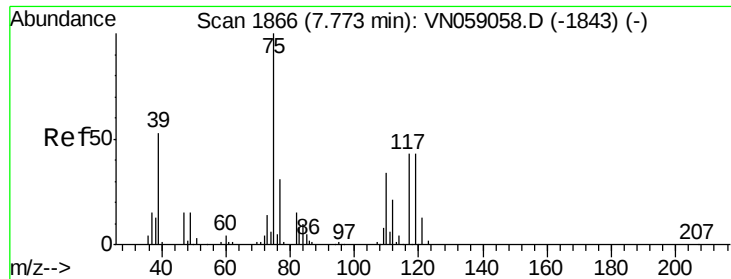
#35
 Dibromofluoromethane
 Concen: 49.714 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059085.D
 Acq: 5 Nov 2019 11:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.9	124.3
192	19.7	15.9	23.9



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

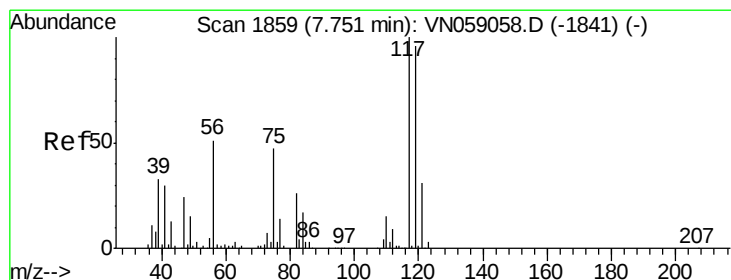
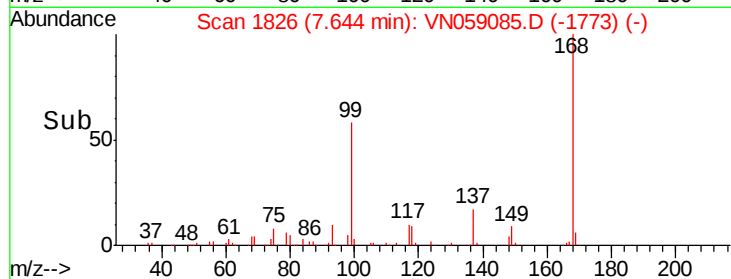
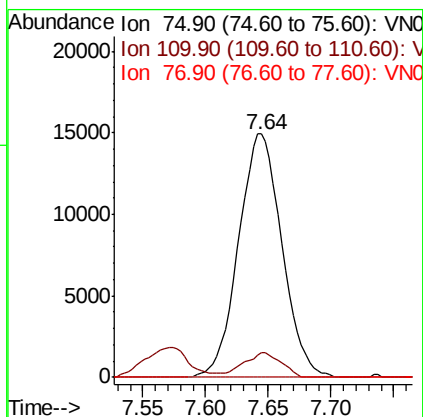
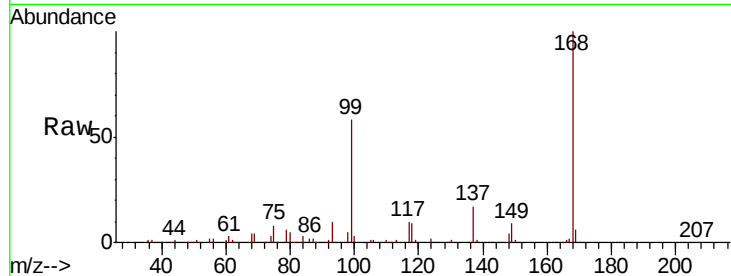




#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059085.D
 Acq: 5 Nov 2019 11:11

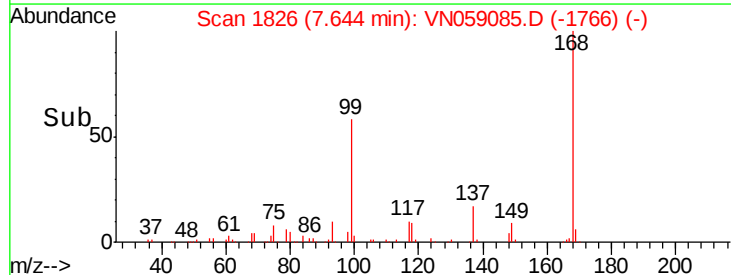
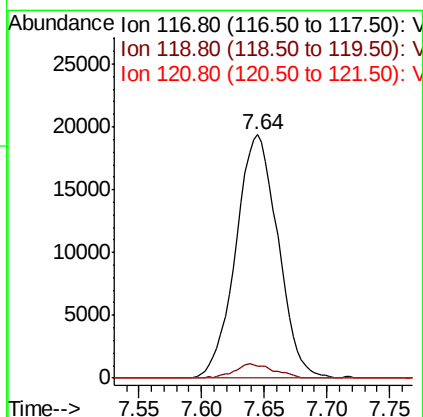
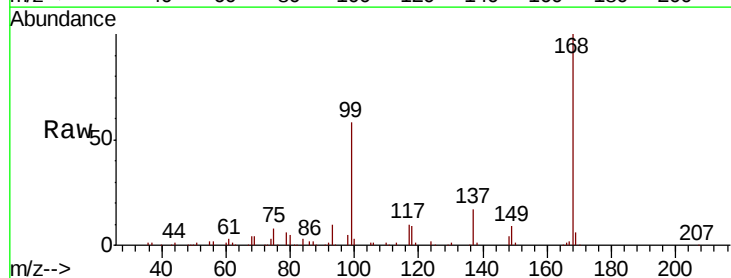
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBL01

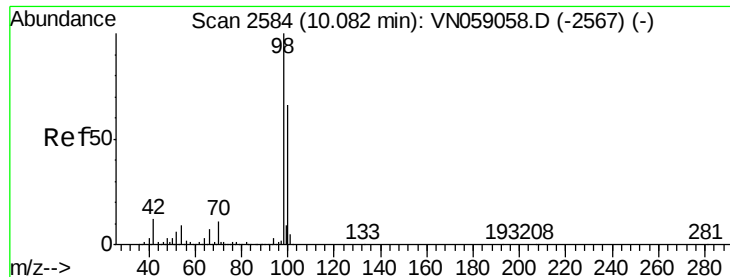
Tot Ion	75	Resp	35814
Ion Ratio	Lower	Upper	
75	100		
110	8.9	16.9	50.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.468 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059085.D
 Acq: 5 Nov 2019 11:11

Tgt Ion	117	Resp	45263
Ion Ratio	Lower	Upper	
117	100		
119	5.1	76.6	114.8#
121	0.0	24.6	37.0#

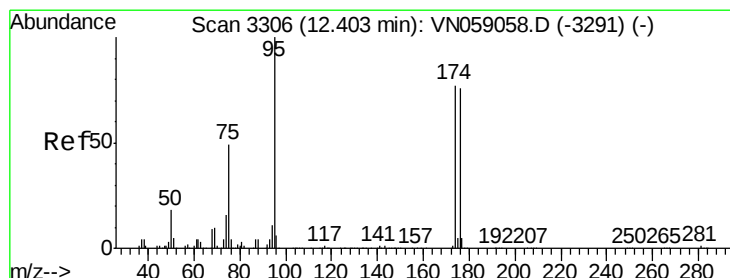
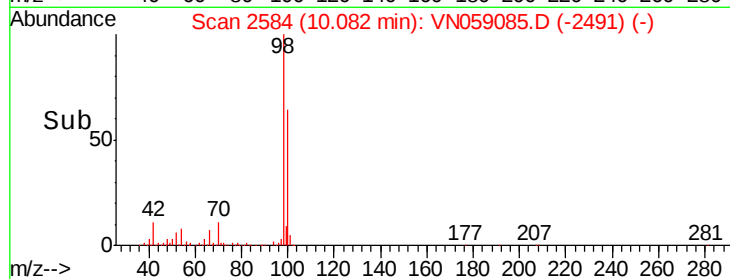
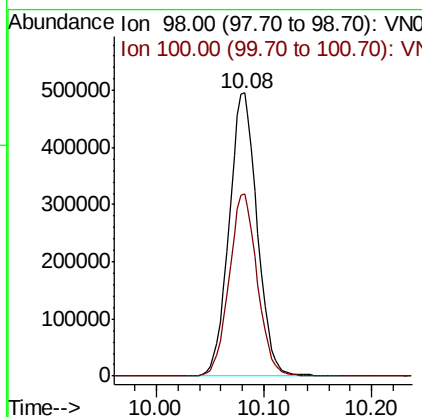
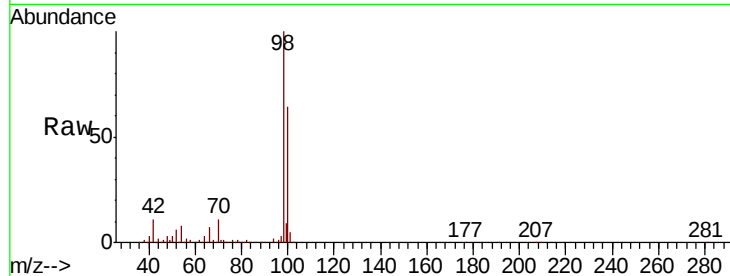




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

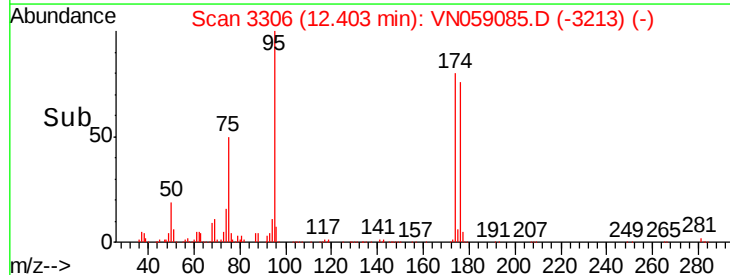
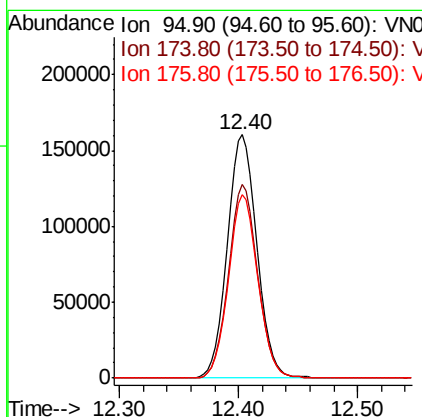
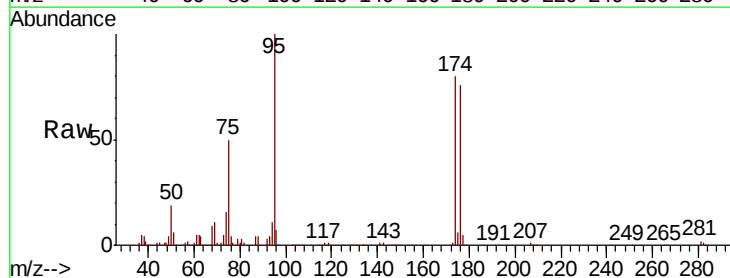
Instrument :
MSVOA_N
ClientSampled :
VN1105WBL01

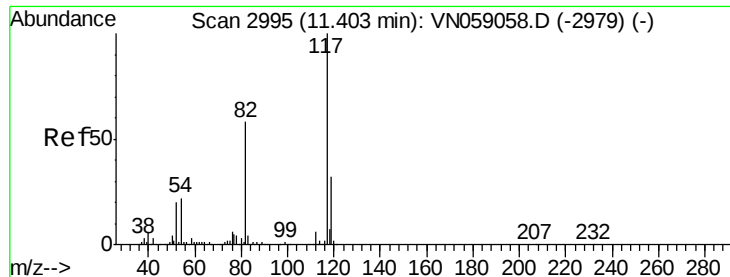
Tot Ion: 98 Resp: 900298
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.396 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Tgt Ion: 95 Resp: 276529
Ion Ratio Lower Upper
95 100
174 78.3 0.0 155.8
176 75.1 0.0 151.6

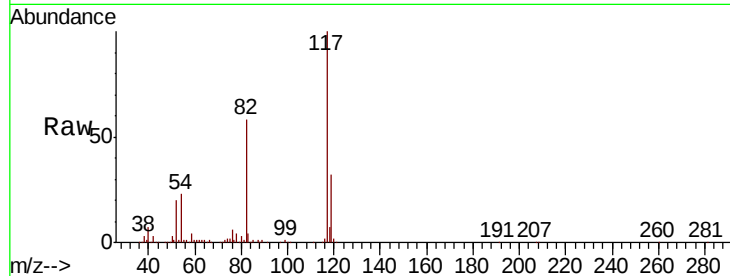




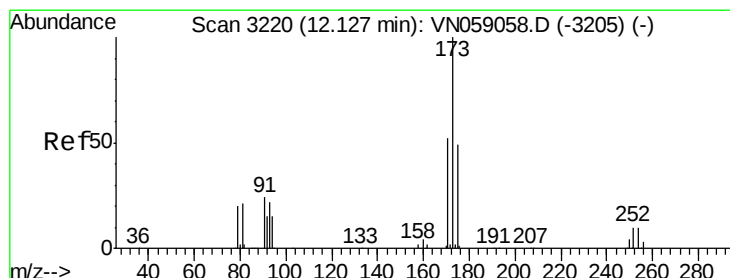
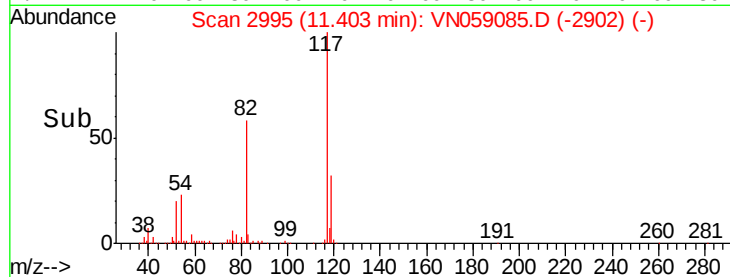
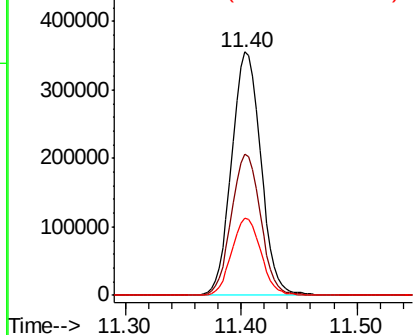
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBL01

Tot Ion:117 Resp: 623489
Ion Ratio Lower Upper
117 100
82 57.8 46.0 69.0
119 31.9 25.6 38.4

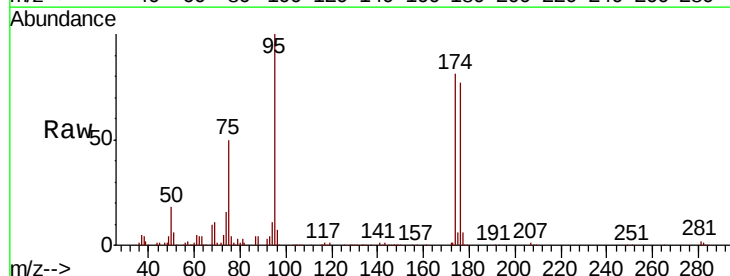


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

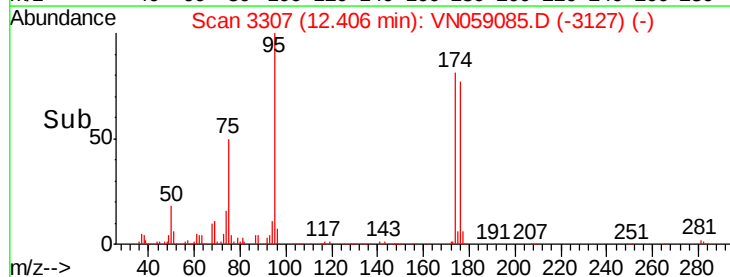
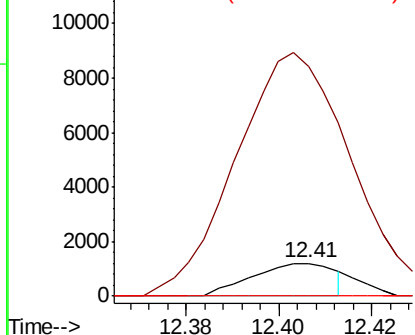


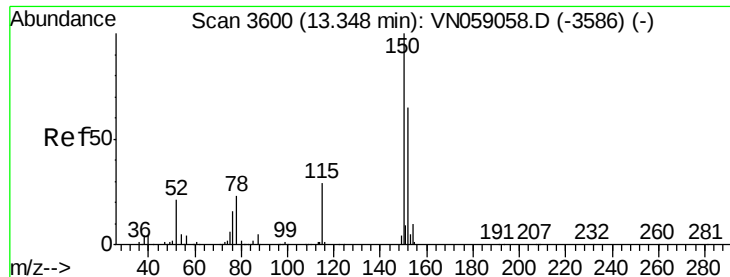
#71
Bromoform
Concen: 0.406 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Tgt Ion:173 Resp: 1480
Ion Ratio Lower Upper
173 100
175 863.6 24.4 73.2#
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059085.D

Acq: 5 Nov 2019 11:11

Instrument :

MSVOA_N

ClientSampled :

VN1105WBL01

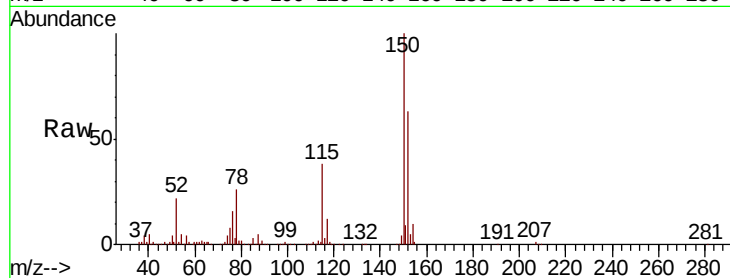
Tot Ion:152 Resp: 217628

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.9

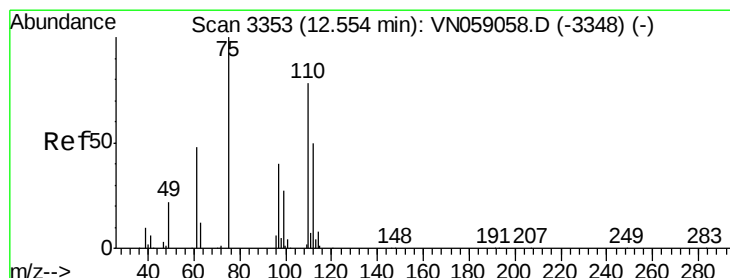
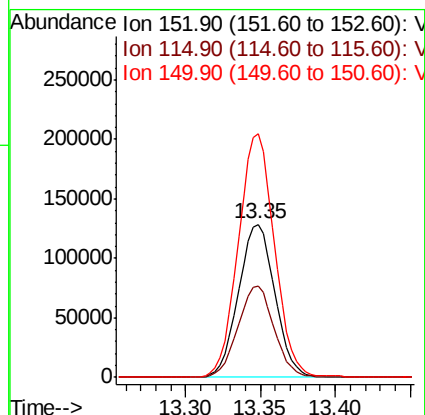
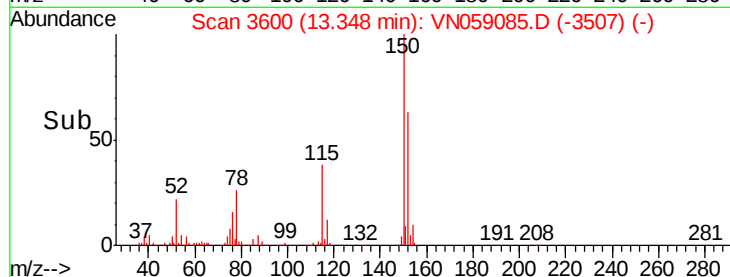
150 158.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.234 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059085.D

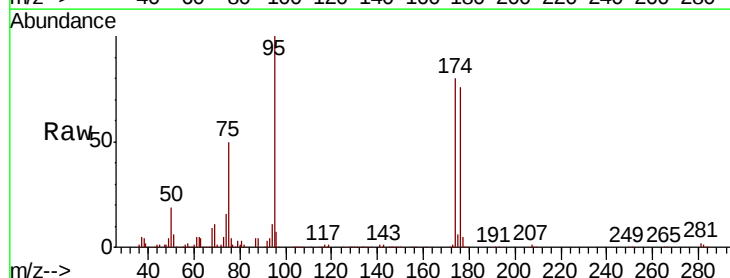
Acq: 5 Nov 2019 11:11

Tgt Ion: 75 Resp: 140255

Ion Ratio Lower Upper

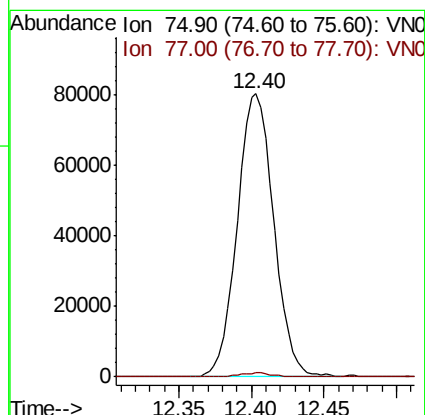
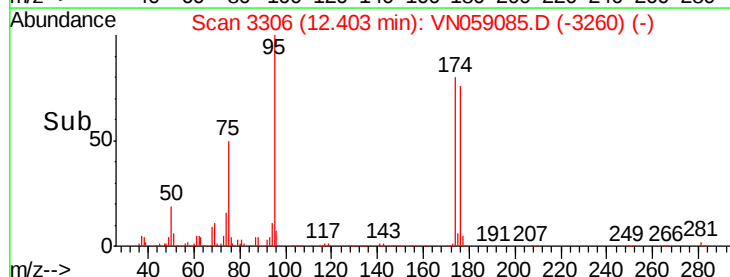
75 100

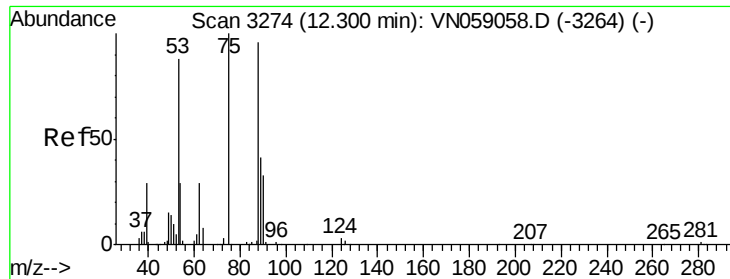
77 1.4 0.0 0.0#



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: 69.815 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059085.D

Acq: 5 Nov 2019 11:11

Instrument :

MSVOA_N

ClientSampled :

VN1105WBL01

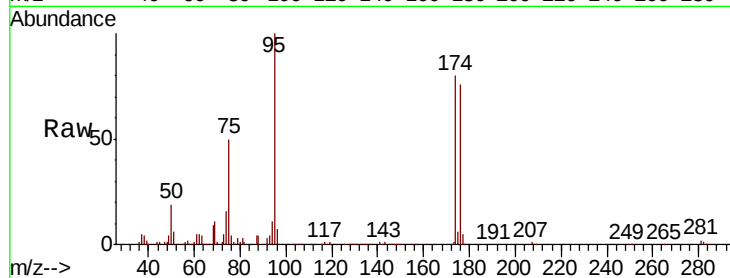
Tot Ion: 75 Resp: 140255

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

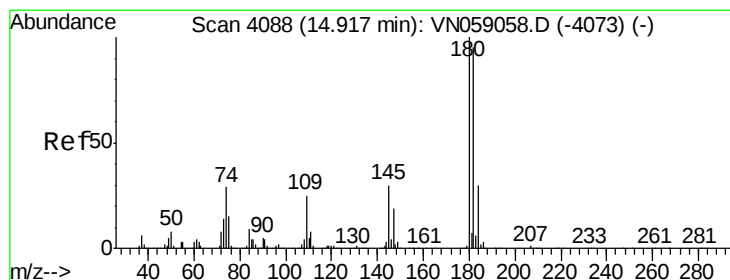
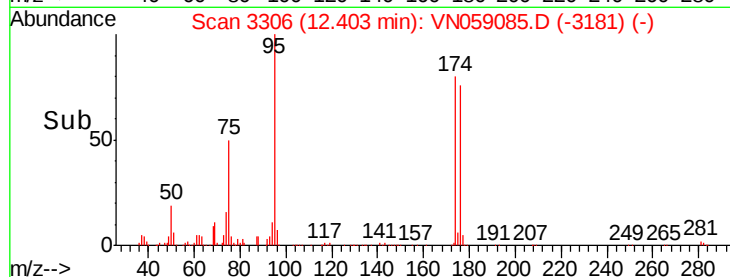
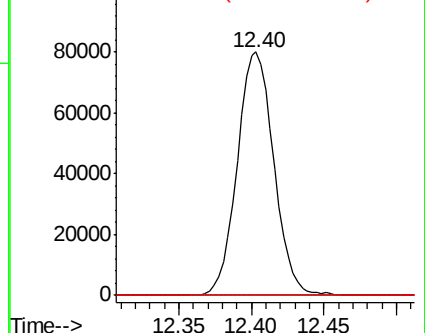
89 0.0 34.2 51.2#



Abundance Ion 74.90 (74.60 to 75.60): VN059085.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN059085.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN059085.D (-3306) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.242 ug/l

RT: 14.92 min Scan# 4090

Delta R.T. 0.01 min

Lab File: VN059085.D

Acq: 5 Nov 2019 11:11

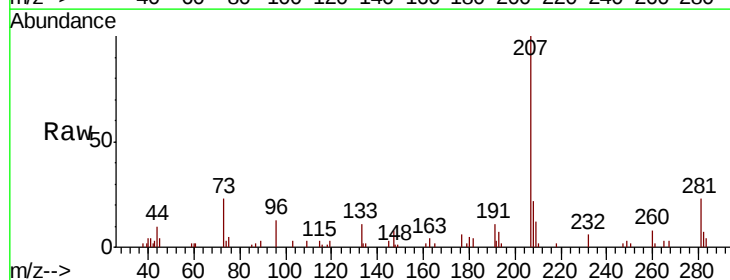
Tgt Ion: 180 Resp: 924

Ion Ratio Lower Upper

180 100

182 80.5 47.8 143.4

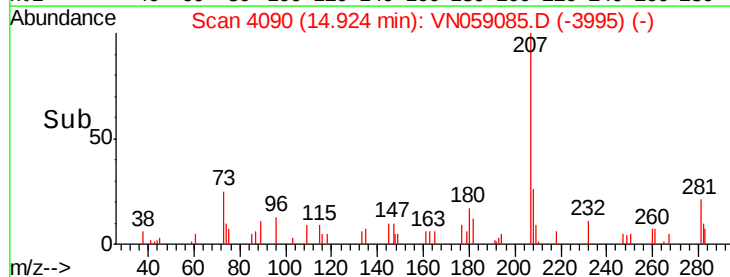
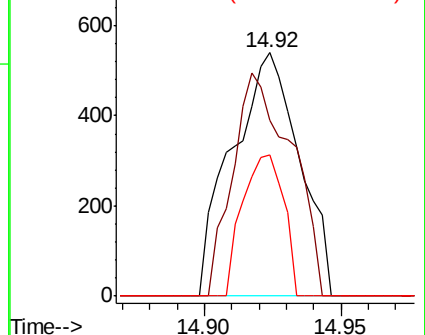
145 35.4 15.1 45.3

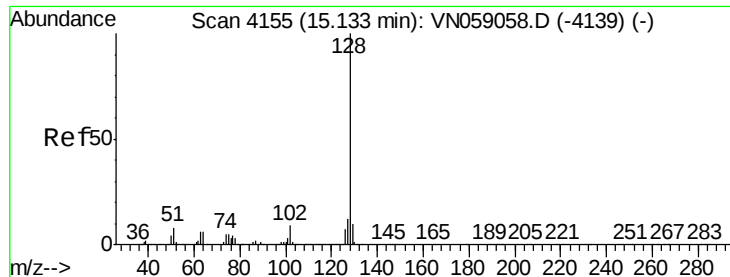


Abundance Ion 179.80 (179.50 to 180.50): VN059085.D (-4090) (-)

Ion 181.80 (181.50 to 182.50): VN059085.D (-4090) (-)

Ion 144.80 (144.50 to 145.50): VN059085.D (-4090) (-)

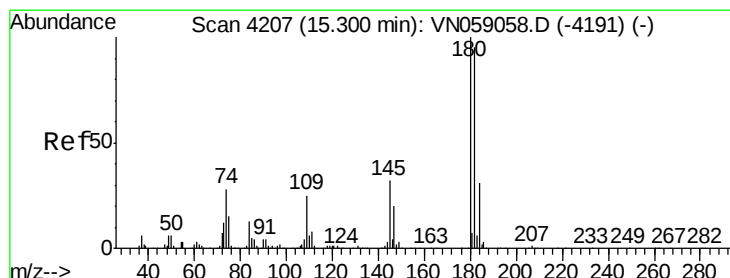
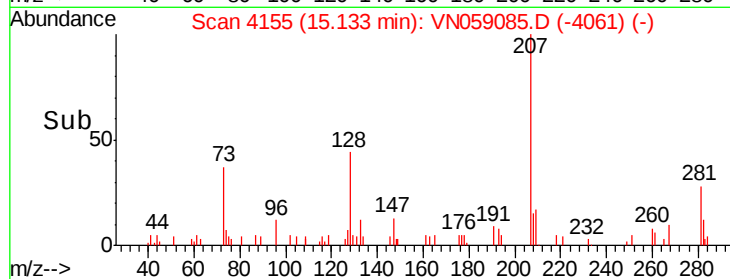
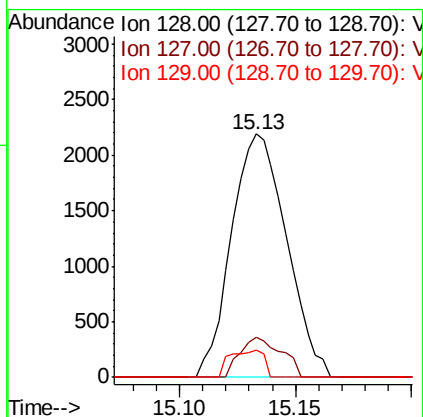
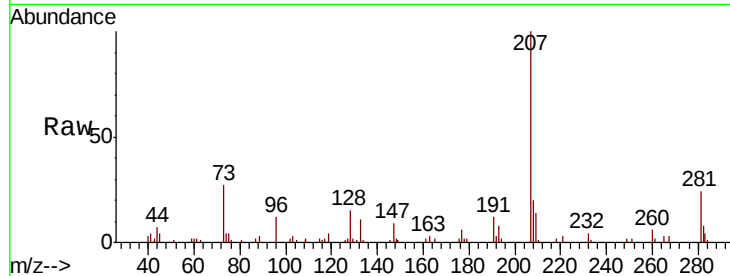




#95
Naphthalene
Concen: 3.271 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBL01

Tot Ion:128 Resp: 3607
Ion Ratio Lower Upper
128 100
127 12.2 9.9 14.9
129 6.9 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.201 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059085.D
Acq: 5 Nov 2019 11:11

Tgt Ion:180 Resp: 779
Ion Ratio Lower Upper
180 100
182 138.4 47.7 143.1
145 57.4 16.0 48.0#

