

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058875.D
 Acq On : 21 Oct 2019 10:21
 Operator : JC/SP
 Sample : VN1021MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBL01

Quant Time: Oct 22 03:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	435435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	699940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	331917	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.57	113	238963	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
50) Toluene-d8	10.08	98	904172	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	291227	44.39	ug/l	0.00
Spiked Amount			Recovery	=	88.78%	

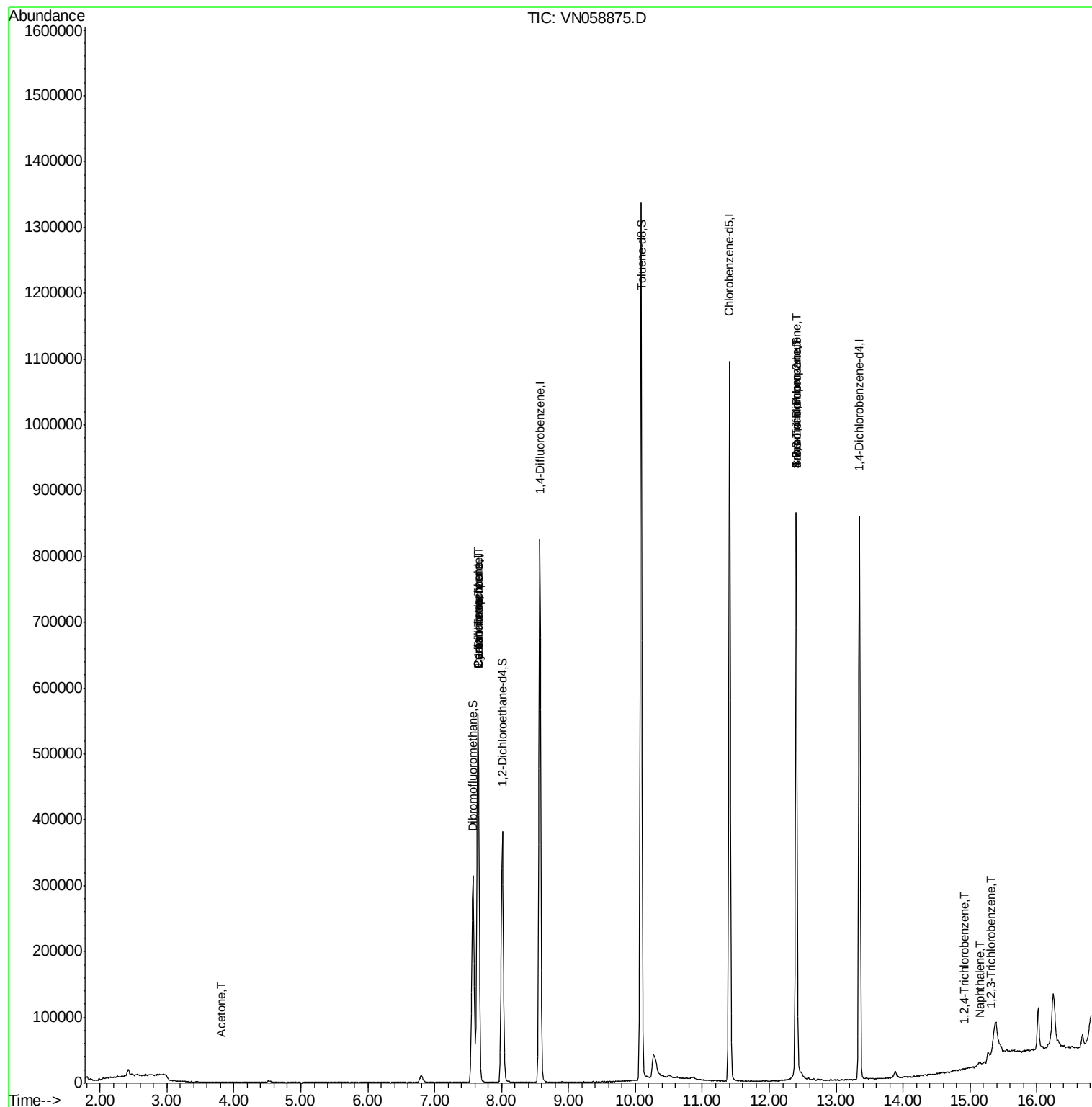
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	1009	0.320	ug/l #	46
31) Cyclohexane	7.65	56	10700	1.166	ug/l #	4
36) 1,1-Dichloropropene	7.65	75	37301	5.205	ug/l #	50
38) Carbon Tetrachloride	7.65	117	43244	5.858	ug/l #	17
71) Bromoform	12.40	173	979	0.271	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	157165	29.892	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	157165	77.871	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.91	180	199	2.562	ug/l #	86
95) Naphthalene	15.13	128	1199	2.314	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	293	2.458	ug/l #	62

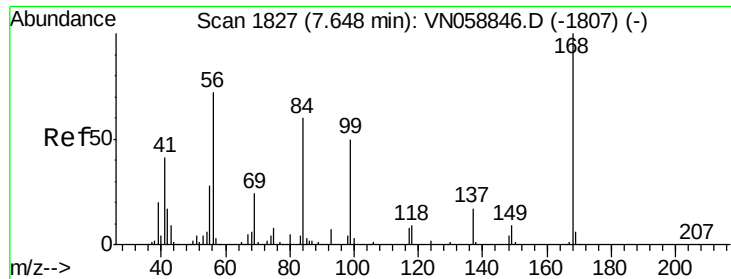
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
Data File : VN058875.D
Acq On : 21 Oct 2019 10:21
Operator : JC/SP
Sample : VN1021MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

Quant Time: Oct 22 03:15:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058875.D

Acq: 21 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

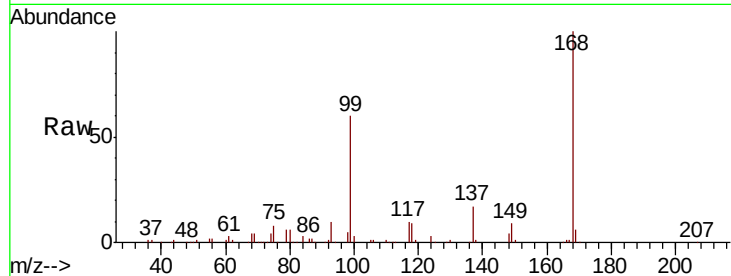
VN1021MBL01

Tot Ion:168 Resp: 435435

Ion Ratio Lower Upper

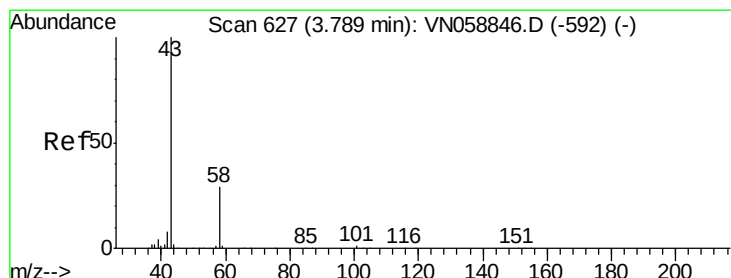
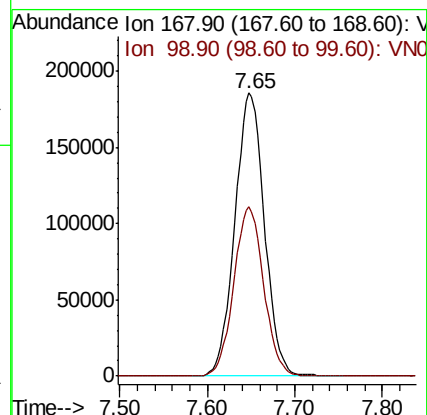
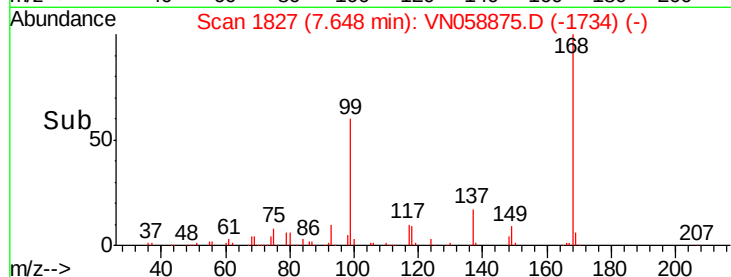
168 100

99 59.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058875.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058875.D (-1734) (-)



#16

Acetone

Concen: 0.320 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058875.D

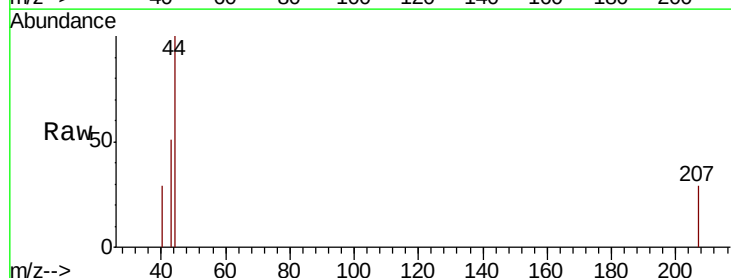
Acq: 21 Oct 2019 10:21

Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

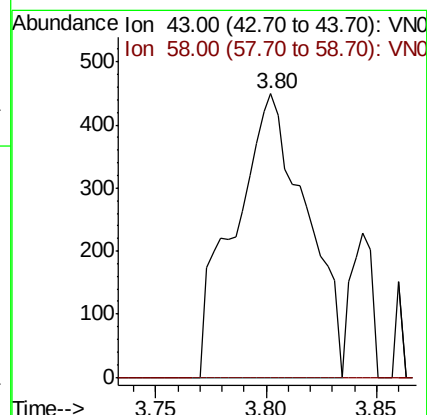
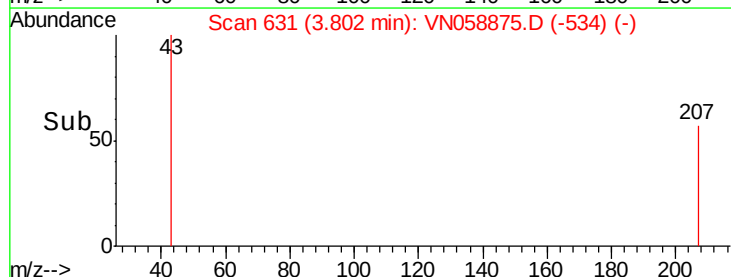
43 100

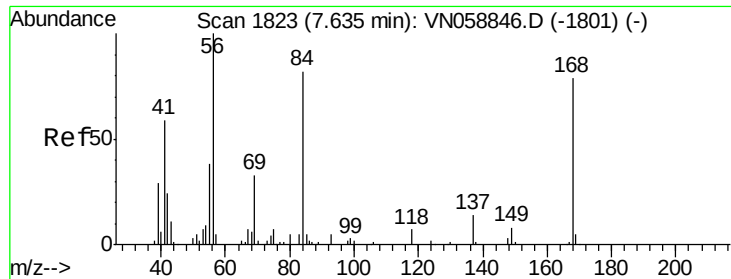
58 0.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058875.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN058875.D (-534) (-)

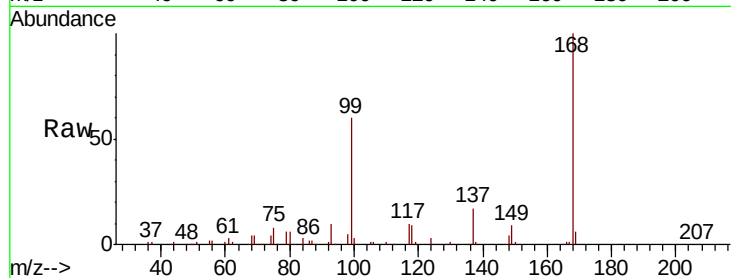




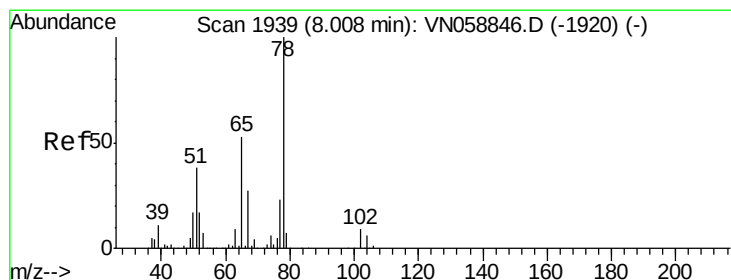
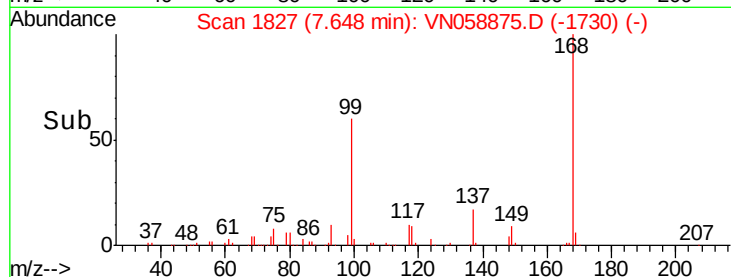
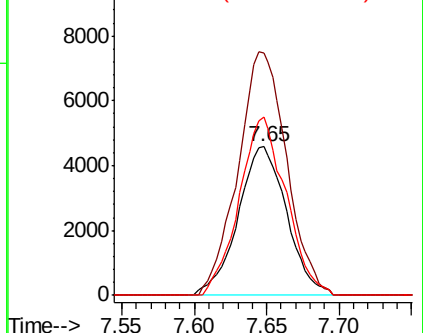
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

Tot Ion: 56 Resp: 10700
Ion Ratio Lower Upper
56 100
69 163.2 26.2 39.4#
84 119.8 65.6 98.4#

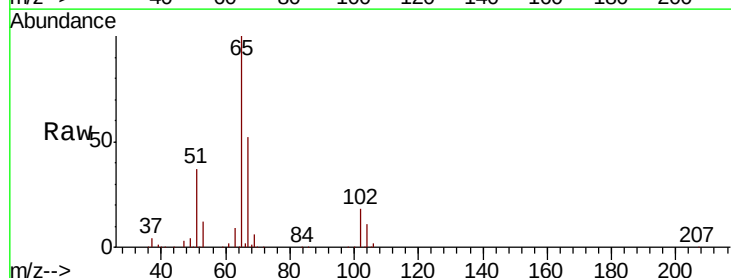


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

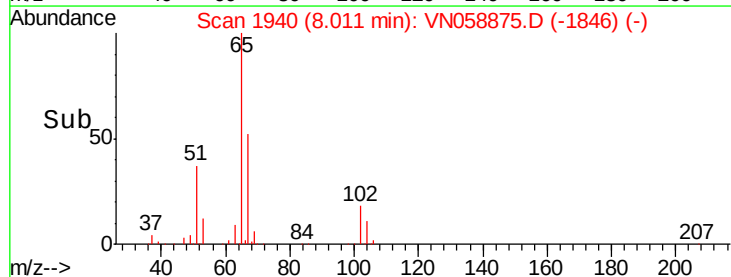
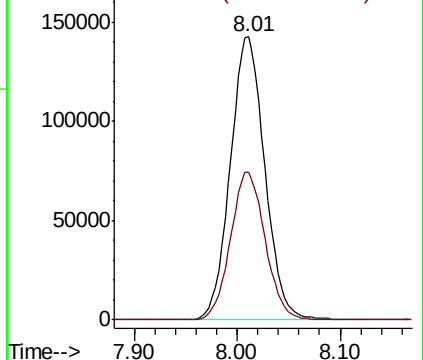


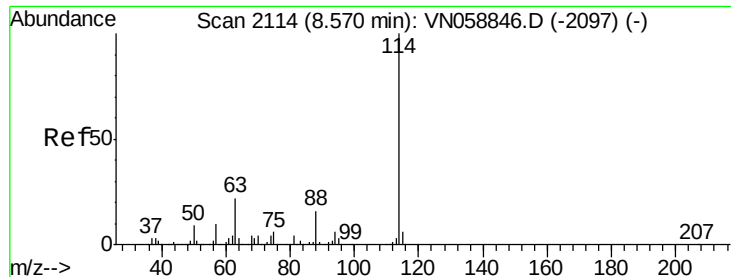
#33
1,2-Dichloroethane-d4
Concen: 51.973 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Tgt Ion: 65 Resp: 331917
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



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

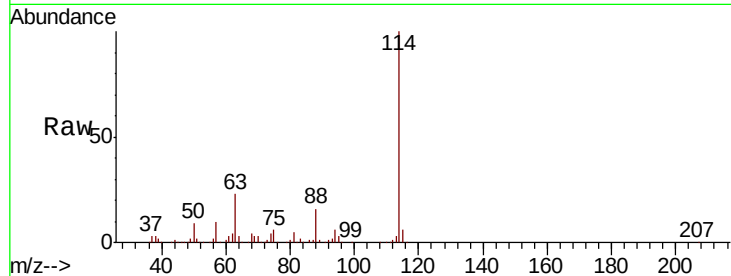




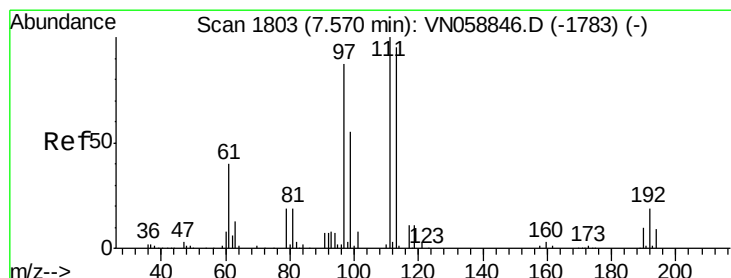
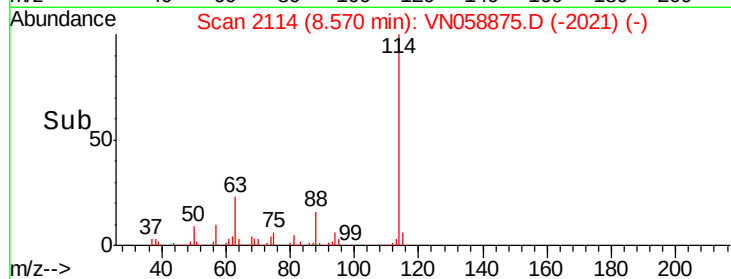
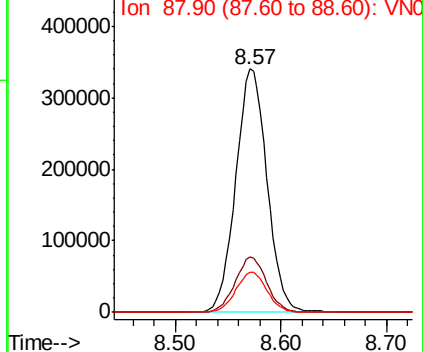
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058875.D
 Acq: 21 Oct 2019 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.4
88	16.4	0.0	31.4

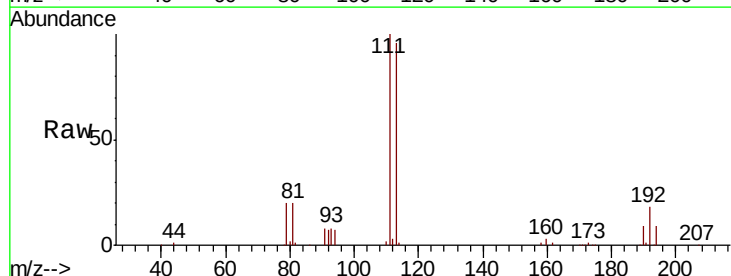


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

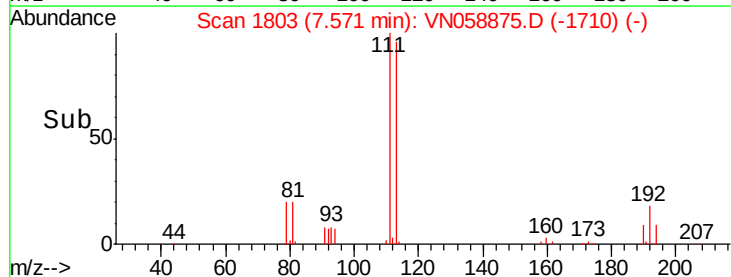
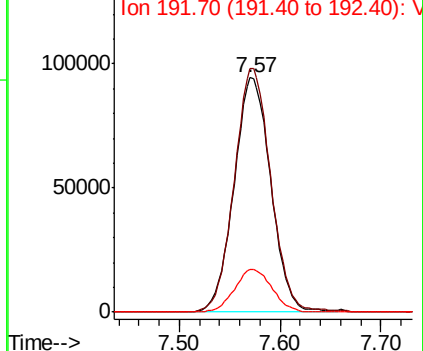


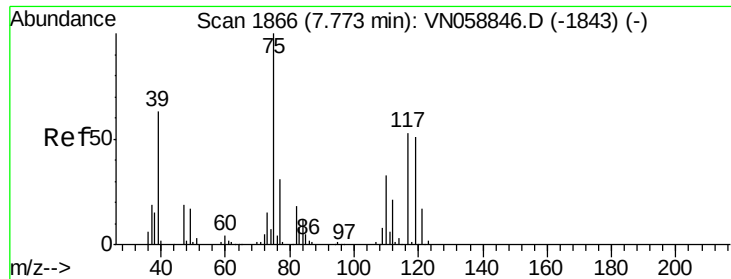
#35
 Dibromofluoromethane
 Concen: 51.927 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058875.D
 Acq: 21 Oct 2019 10:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	18.6	15.0	22.6



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

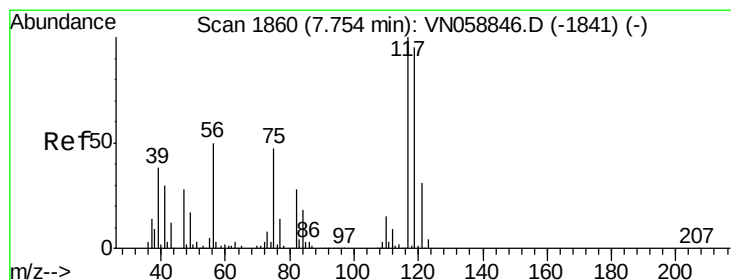
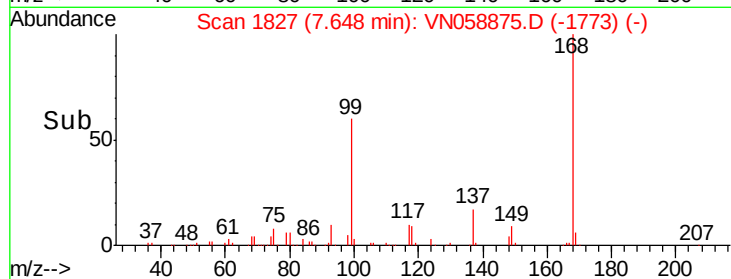
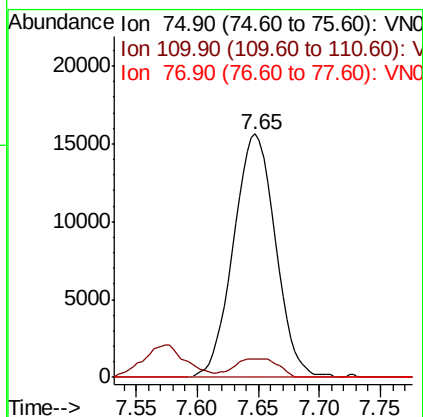
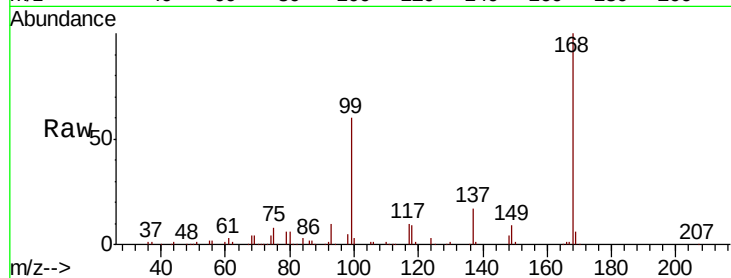




#36
 1,1-Dichloropropene
 Concen: 5.205 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058875.D
 Acq: 21 Oct 2019 10:21

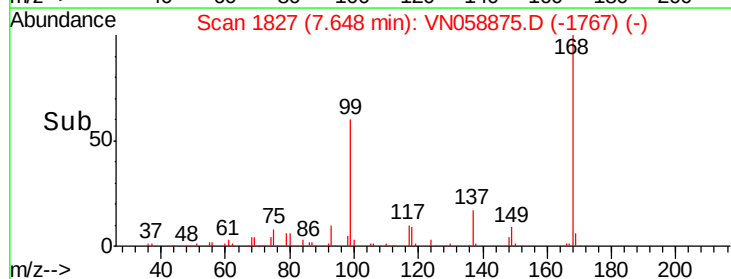
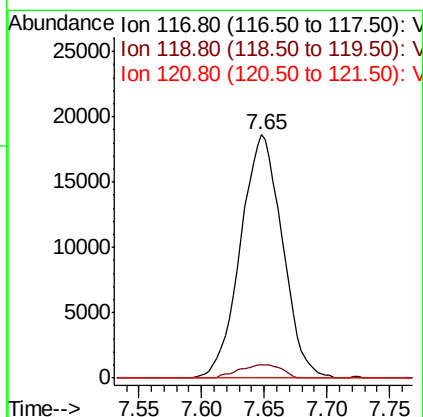
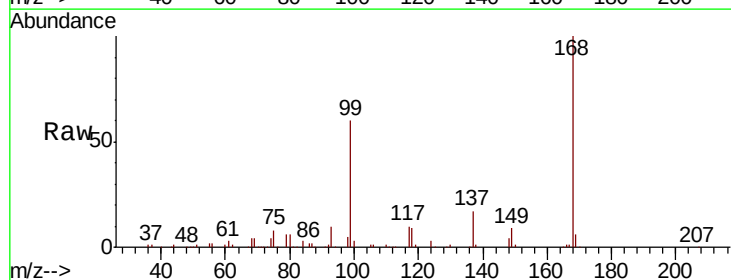
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBL01

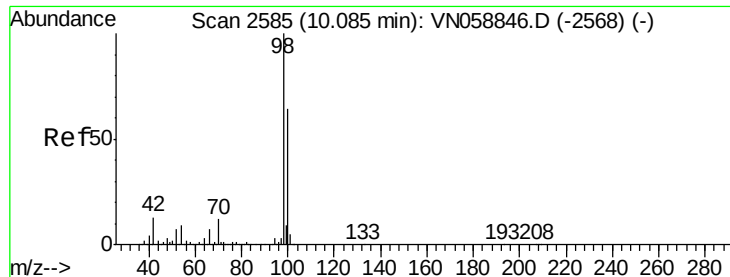
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.858 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058875.D
 Acq: 21 Oct 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 50.614 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058875.D

Acq: 21 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

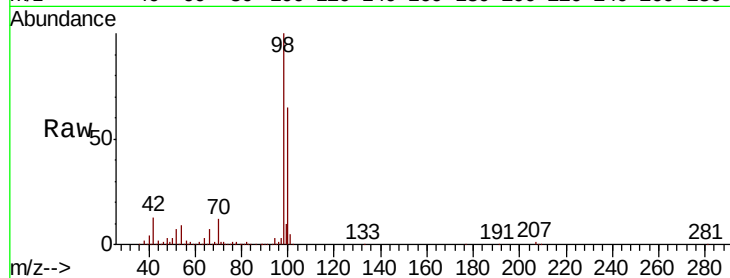
VN1021MBL01

Tot Ion: 98 Resp: 904172

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

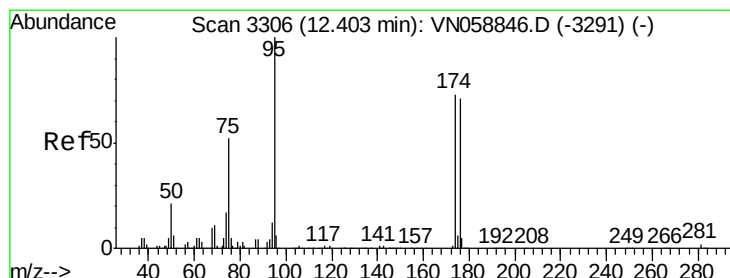
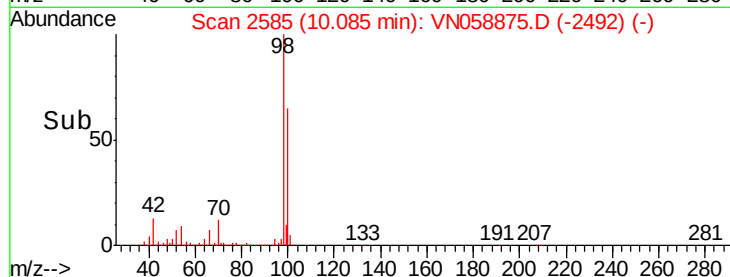
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058875.D

Acq: 21 Oct 2019 10:21

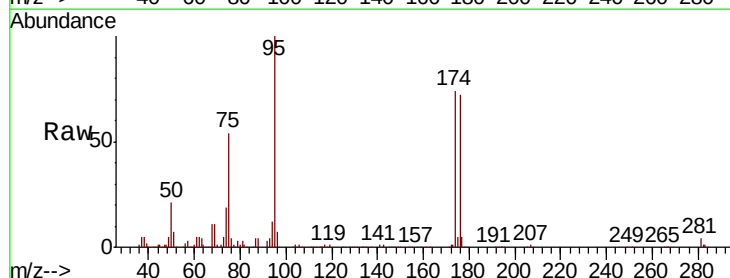
Tgt Ion: 95 Resp: 291227

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.6

176 71.8 0.0 143.2



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

12.40

200000

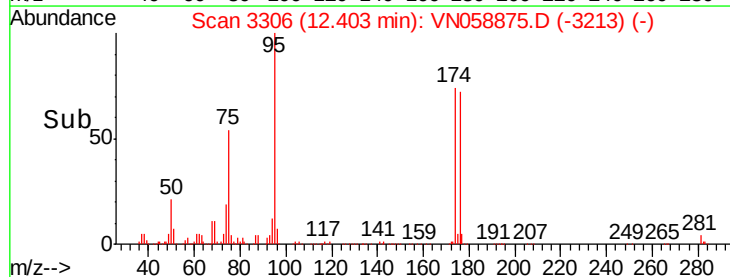
150000

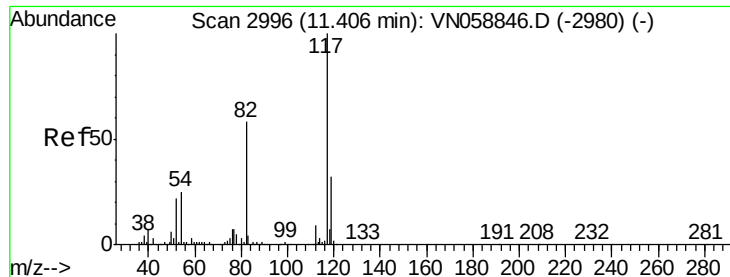
100000

50000

0

Time-->

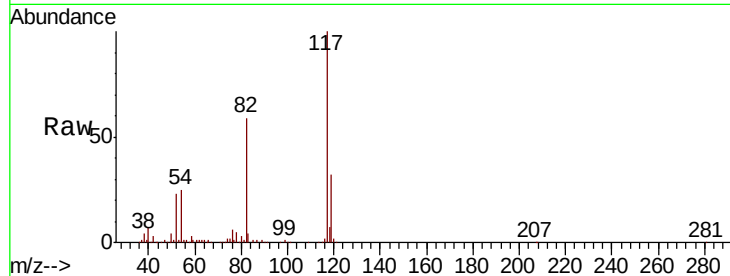




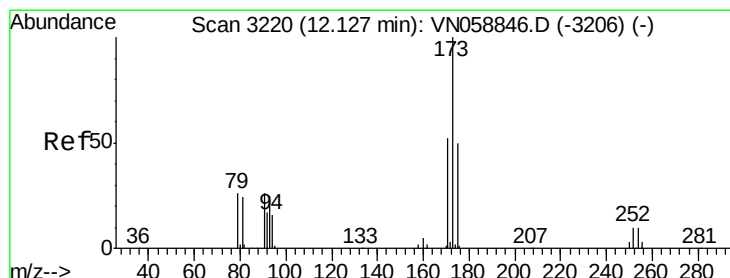
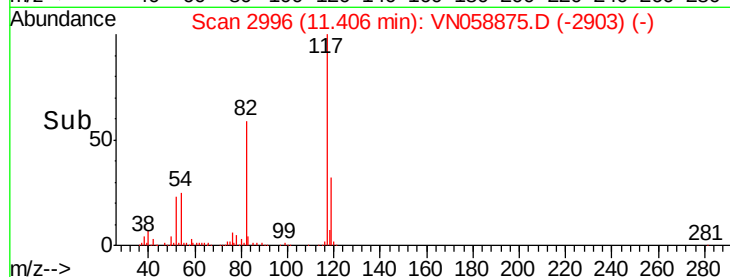
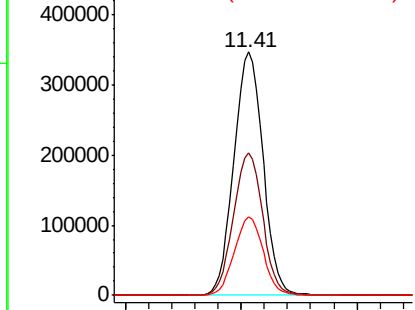
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

Tot Ion:117 Resp: 607187
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 32.4 25.6 38.4

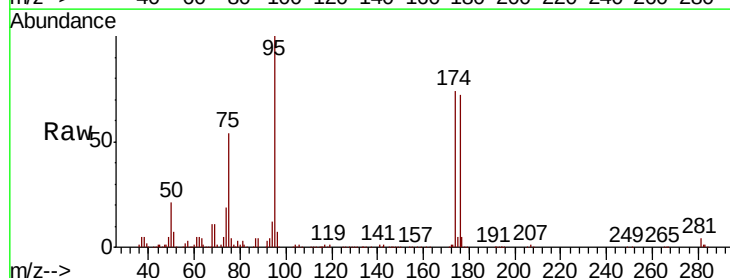


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

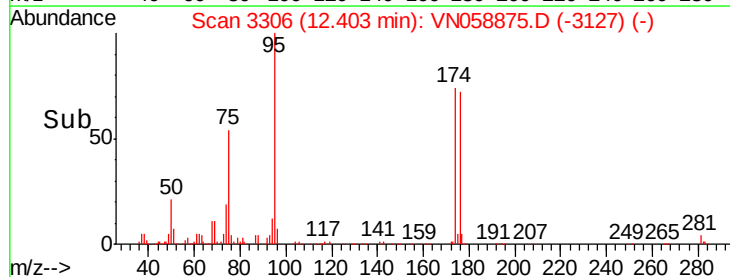
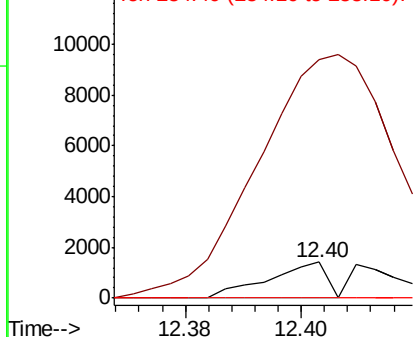


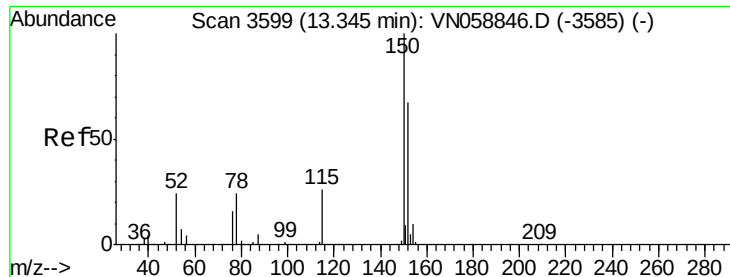
#71
Bromoform
Concen: 0.271 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Tgt Ion:173 Resp: 979
Ion Ratio Lower Upper
173 100
175 1347.3 24.7 74.1#
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



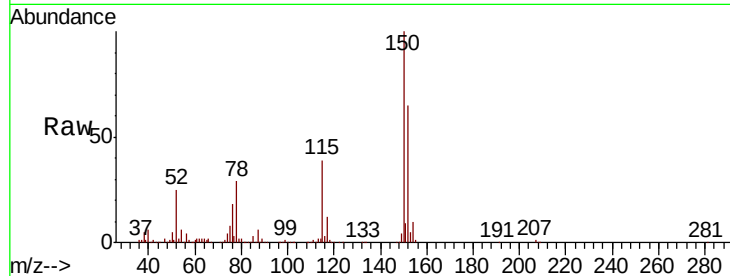


#72

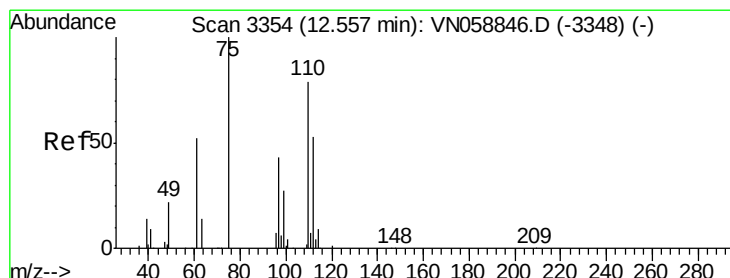
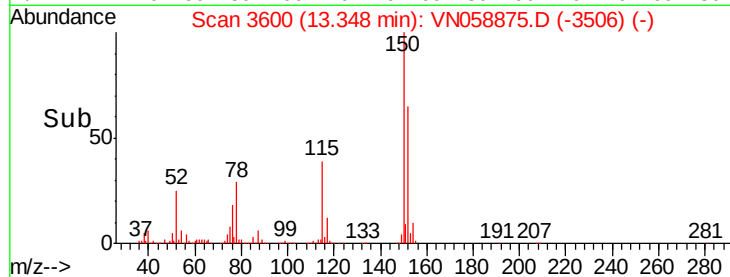
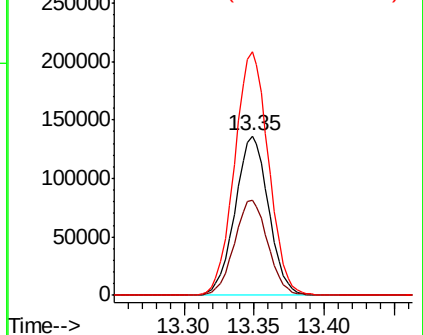
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN1021MBL01

Tot Ion:152 Resp: 226862
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 155.4 0.0 344.4



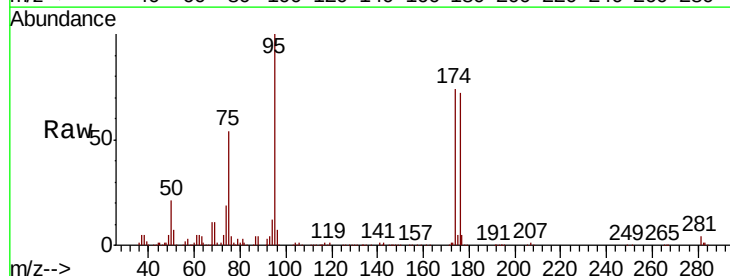
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



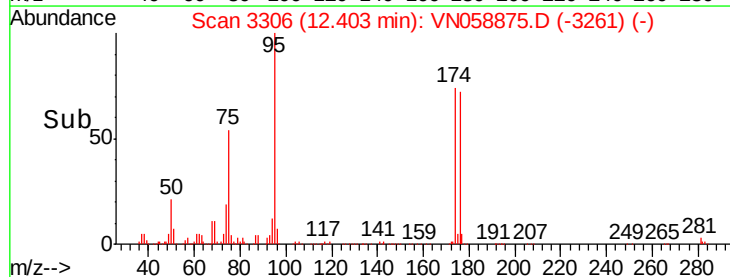
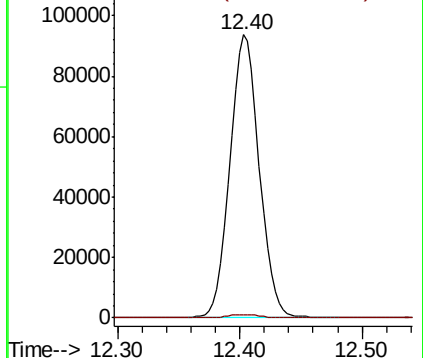
#76

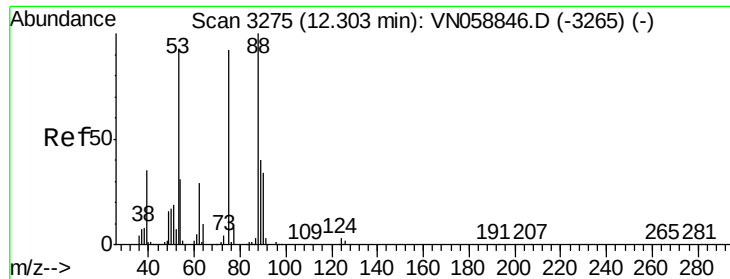
1,2,3-Trichloropropane
Concen: 29.892 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Tgt Ion: 75 Resp: 157165
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



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

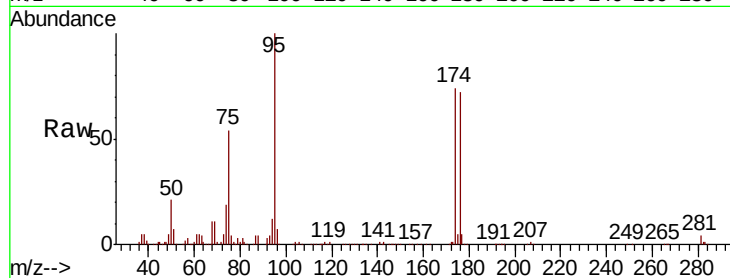




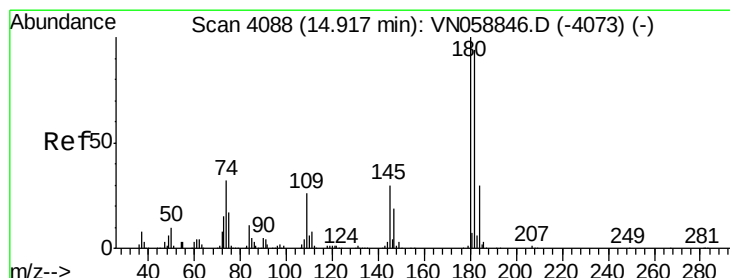
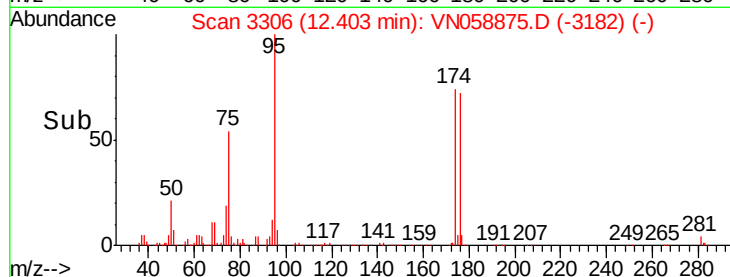
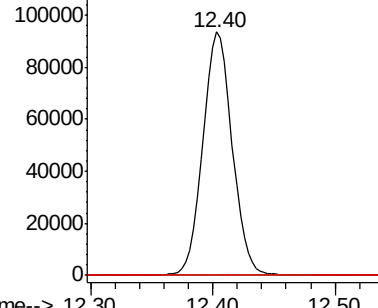
#81
trans-1,4-Dichloro-2-butene
Concen: 77.871 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

Tot Ion: 75 Resp: 157165
Ion Ratio Lower Upper
75 100
53 0.0 78.6 118.0#
89 0.0 35.4 53.0#

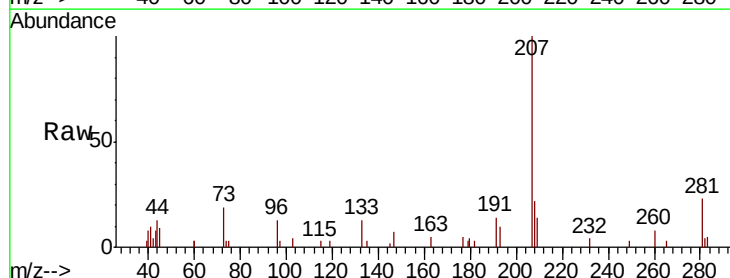


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

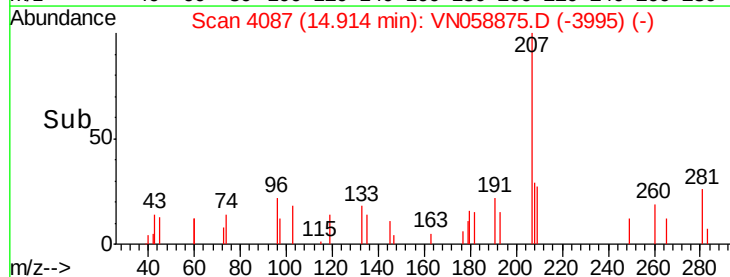
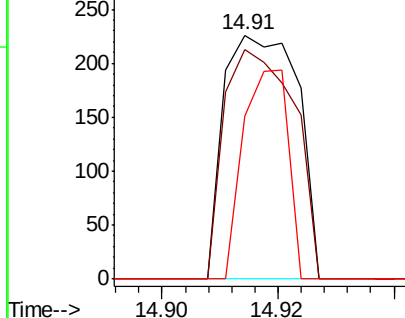


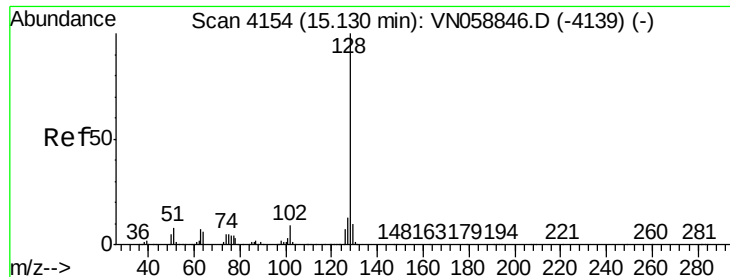
#93
1,2,4-Trichlorobenzene
Concen: 2.562 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN058875.D
Acq: 21 Oct 2019 10:21

Tgt Ion:180 Resp: 199
Ion Ratio Lower Upper
180 100
182 89.4 47.3 142.0
145 52.3 15.3 45.8#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.314 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058875.D

Acq: 21 Oct 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBL01

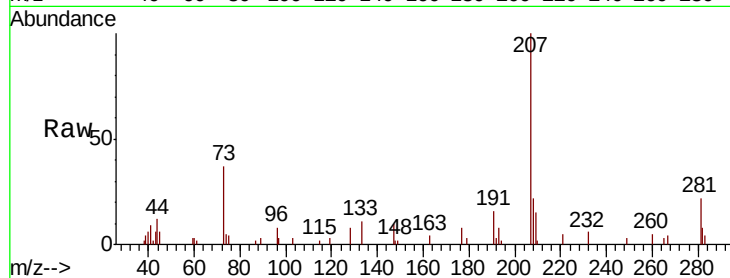
Tot Ion:128 Resp: 1199

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

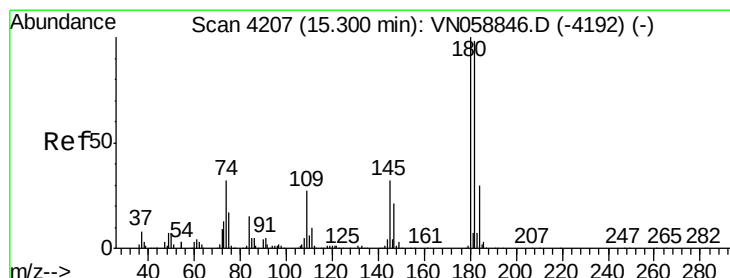
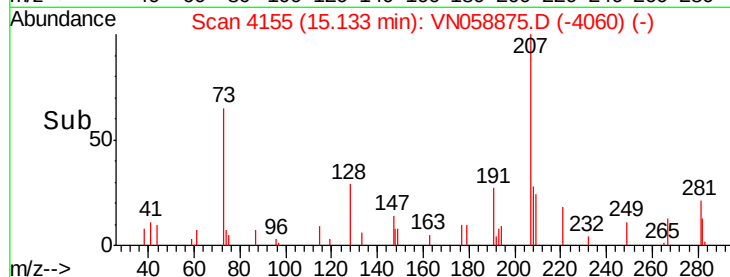
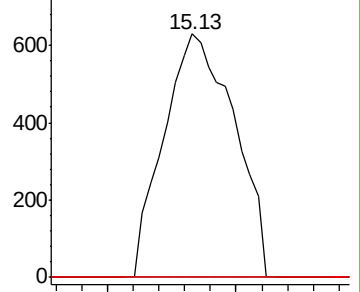
129 0.0 8.4 12.6#



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: 2.458 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN058875.D

Acq: 21 Oct 2019 10:21

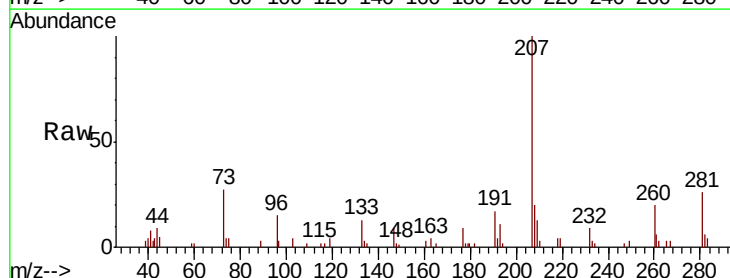
Tgt Ion:180 Resp: 293

Ion Ratio Lower Upper

180 100

182 64.8 47.9 143.7

145 0.0 15.9 47.7#



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

