

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058718.D
 Acq On : 11 Oct 2019 21:30
 Operator : JC/SP
 Sample : K5336-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JMW6001

Quant Time: Oct 12 01:07:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	422099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	661634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	232529	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	289359	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
35) Dibromofluoromethane	7.57	113	207329	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.08	98	806131	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.41	95	262341	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	

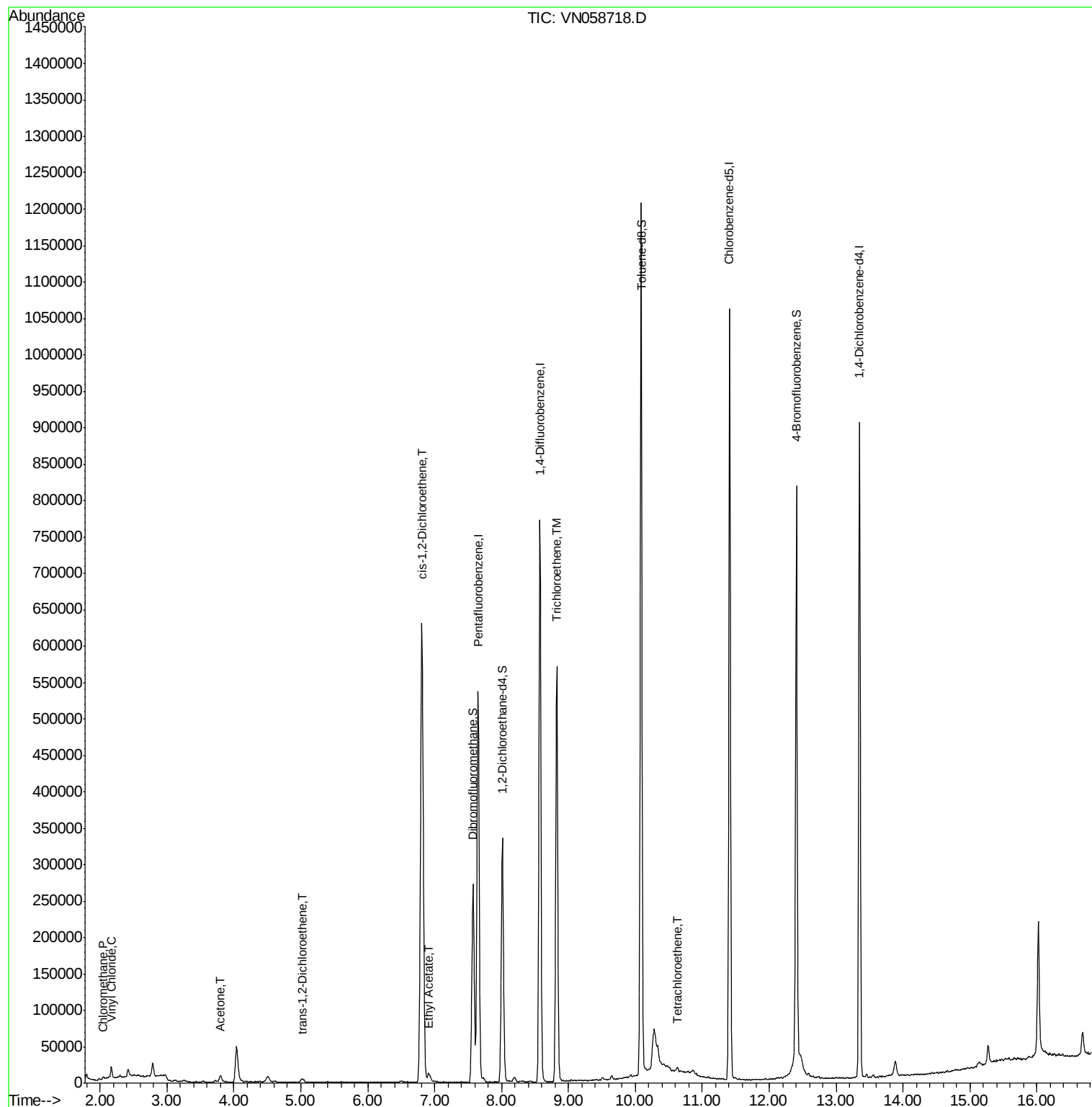
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2586	0.414	ug/l	94
4) Vinyl Chloride	2.17	62	9233	1.483	ug/l	94
16) Acetone	3.81	43	15179	6.205	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	2629	0.580	ug/l #	81
27) cis-1,2-Dichloroethene	6.81	96	411515	77.827	ug/l	87
37) Ethyl Acetate	6.91	43	16808	2.484	ug/l #	74
44) Trichloroethene	8.82	130	202261	42.393	ug/l	97
64) Tetrachloroethene	10.63	164	1265	0.308	ug/l #	79

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058718.D
Acq On : 11 Oct 2019 21:30
Operator : JC/SP
Sample : K5336-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FA19-JMW6001

Quant Time: Oct 12 01:07:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

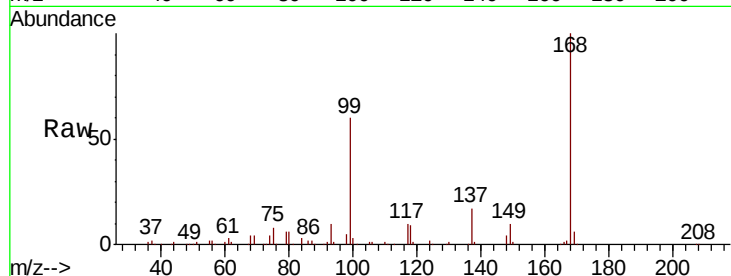
FA19-JMW6001

Tot Ion:168 Resp: 422099

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

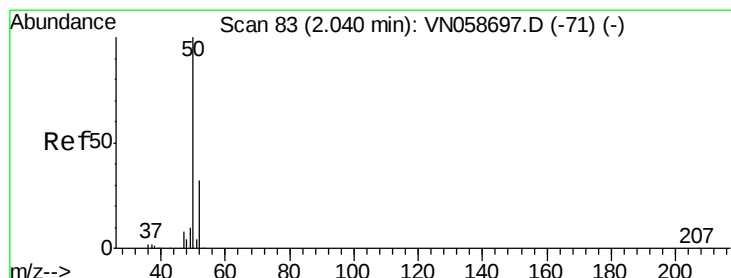
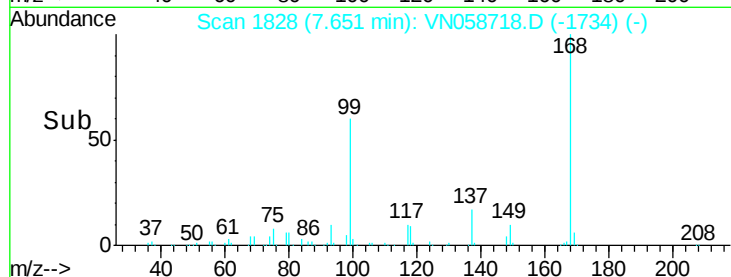
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.414 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058718.D

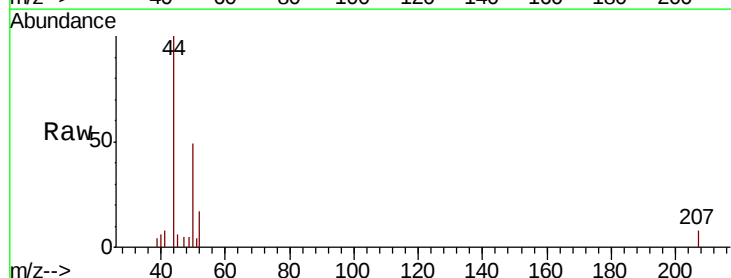
Acq: 11 Oct 2019 21:30

Tgt Ion: 50 Resp: 2586

Ion Ratio Lower Upper

50 100

52 35.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

2000

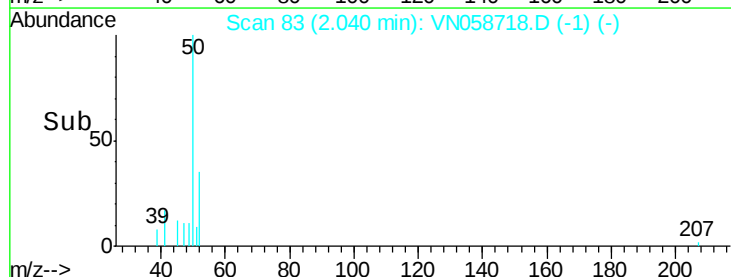
1500

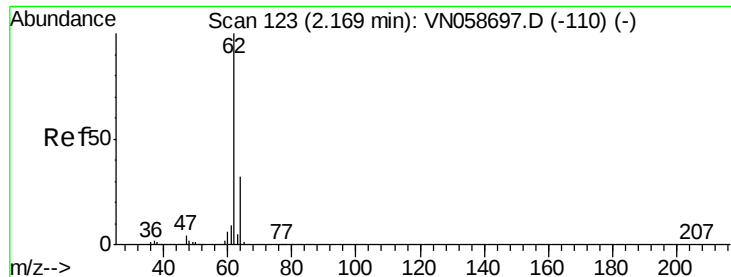
1000

500

0

Time--> 2.00 2.05 2.10





#4

Vinyl Chloride

Concen: 1.483 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

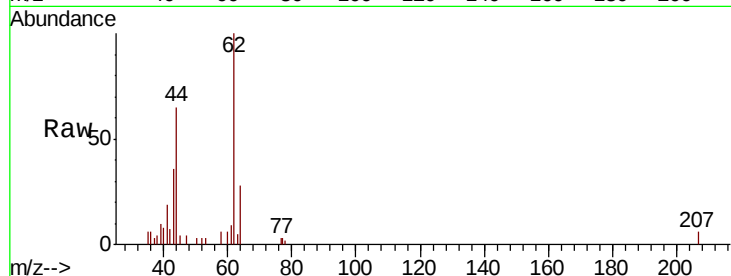
FA19-JMW6001

Tot Ion: 62 Resp: 9233

Ion Ratio Lower Upper

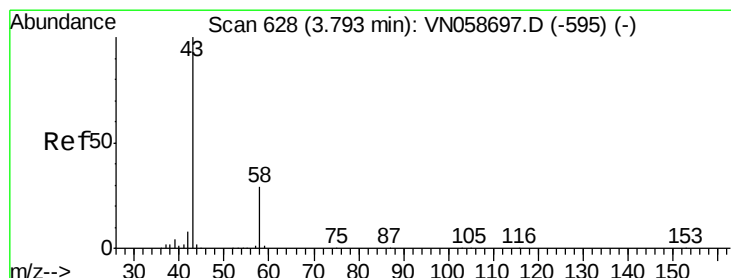
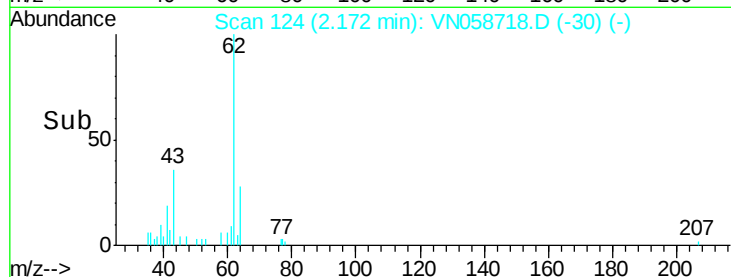
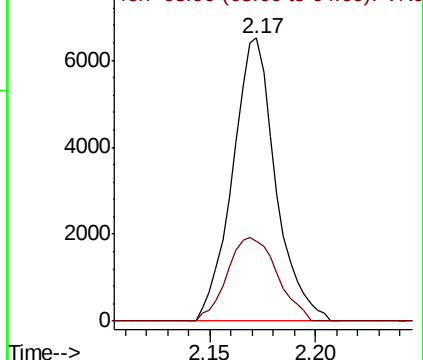
62 100

64 28.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#16

Acetone

Concen: 6.205 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058718.D

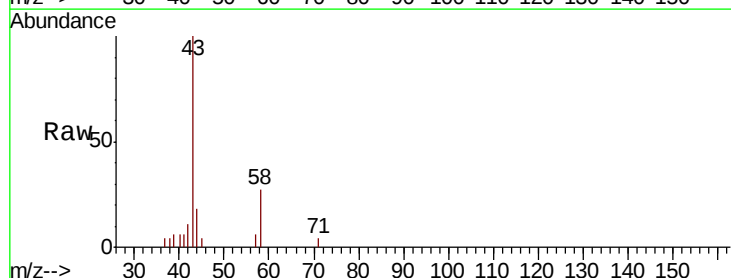
Acq: 11 Oct 2019 21:30

Tgt Ion: 43 Resp: 15179

Ion Ratio Lower Upper

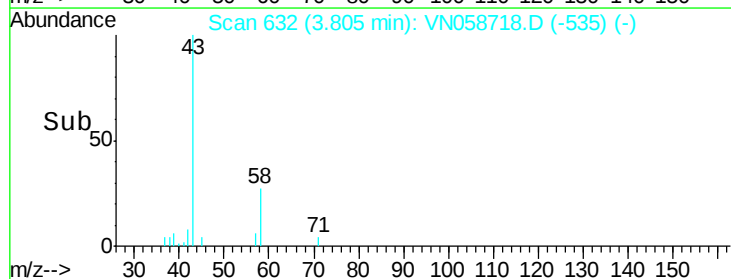
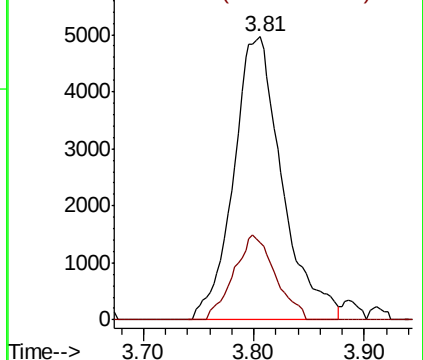
43 100

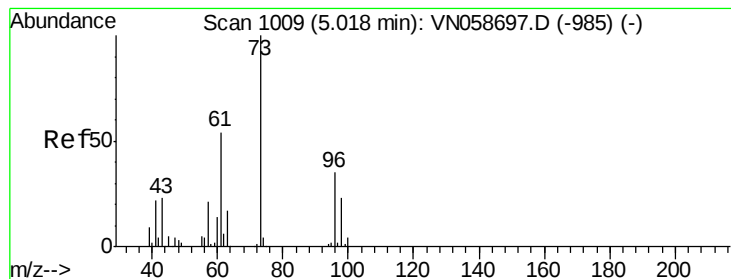
58 27.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#21

trans-1,2-Dichloroethene

Concen: 0.580 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

FA19-JMW6001

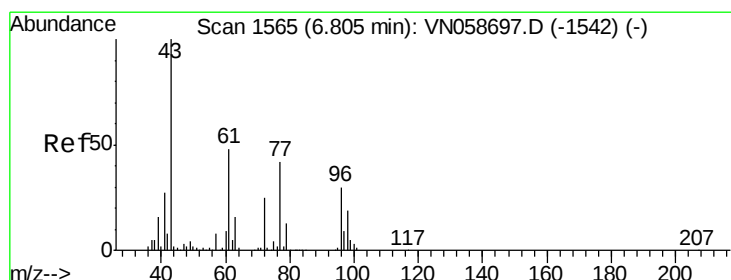
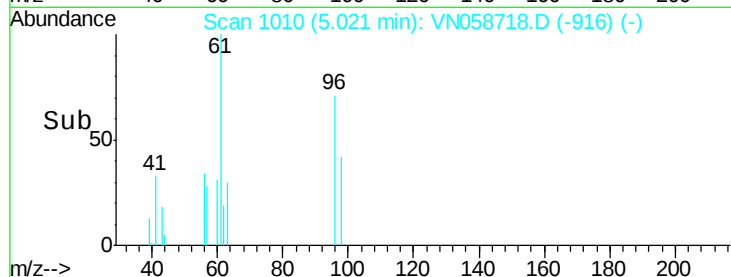
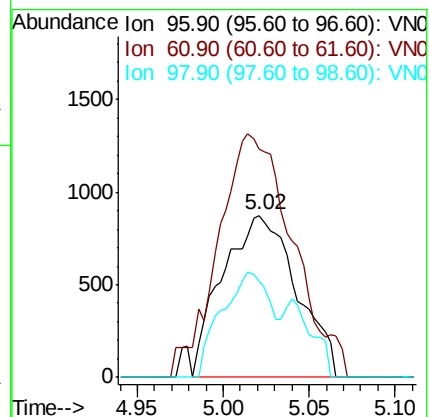
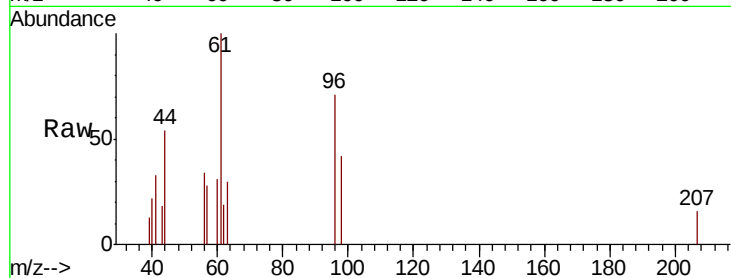
Tot Ion: 96 Resp: 2629

Ion Ratio Lower Upper

96 100

61 122.7 123.6 185.4#

98 59.4 52.1 78.1



#27

cis-1,2-Dichloroethene

Concen: 77.827 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

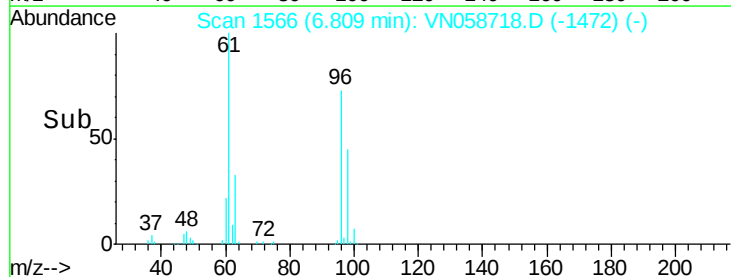
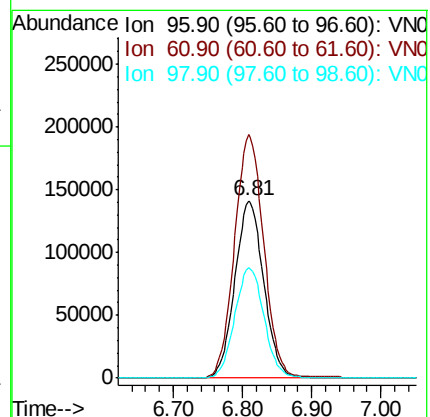
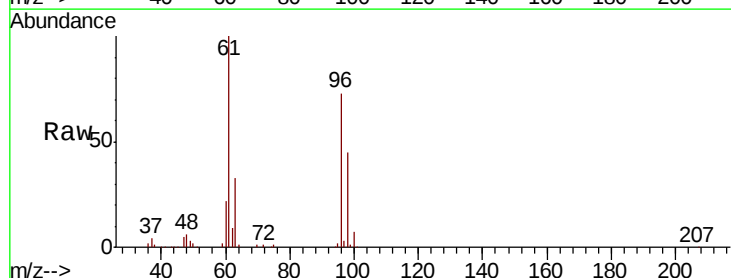
Tgt Ion: 96 Resp: 411515

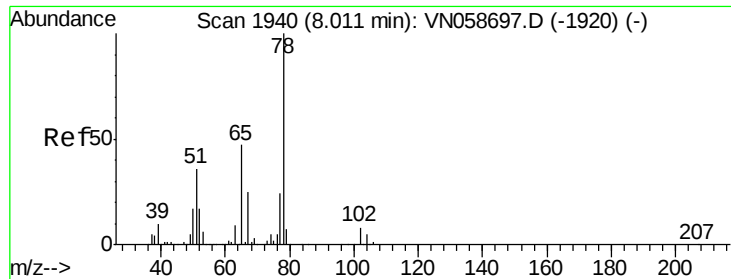
Ion Ratio Lower Upper

96 100

61 138.4 0.0 324.8

98 63.2 0.0 129.2

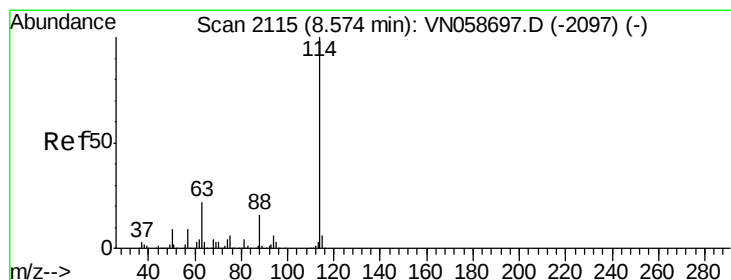
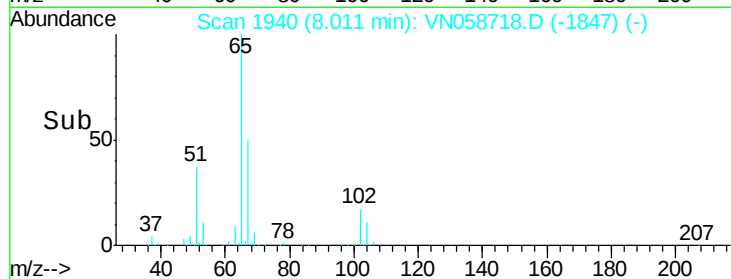
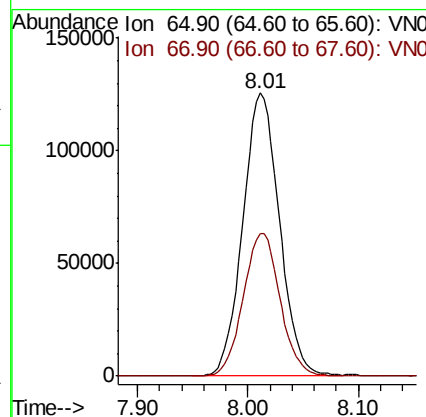
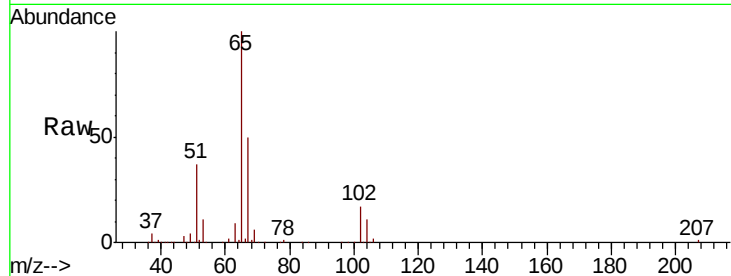




#33
 1,2-Dichloroethane-d4
 Concen: 48.967 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058718.D
 Acq: 11 Oct 2019 21:30

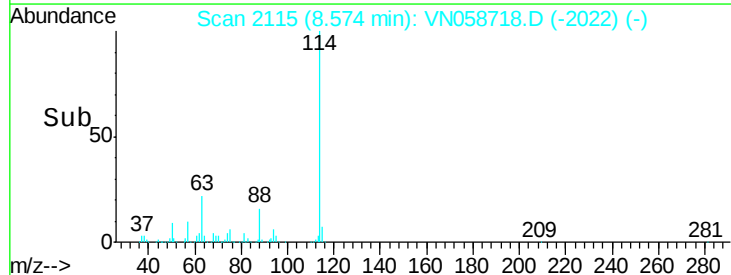
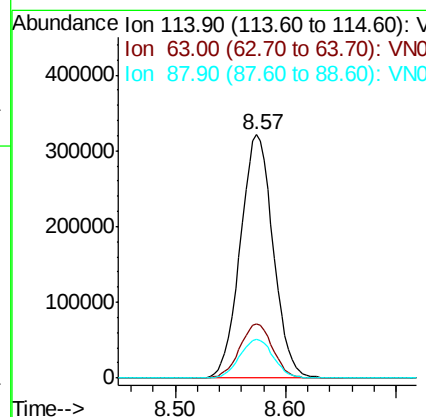
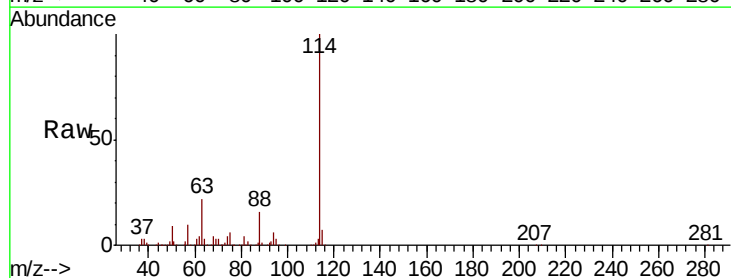
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JMW6001

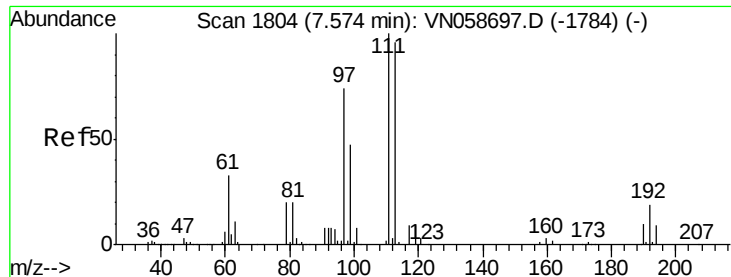
Tot Ion: 65 Resp: 289359
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058718.D
 Acq: 11 Oct 2019 21:30

Tgt Ion: 114 Resp: 661634
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 15.8 0.0 32.0

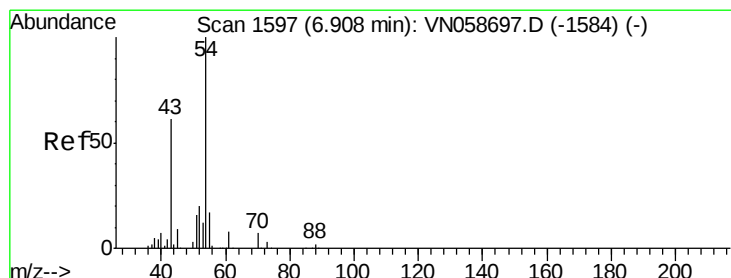
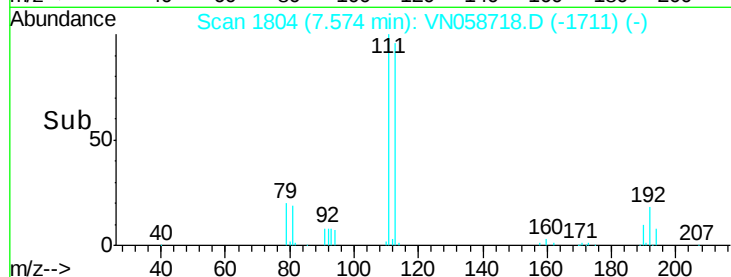
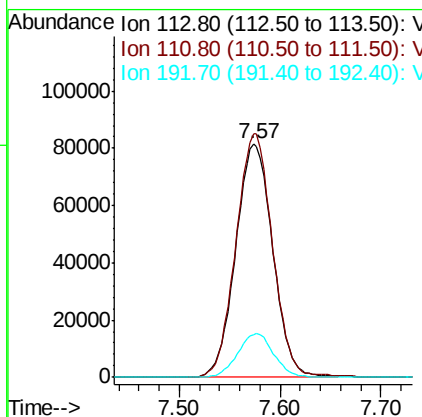
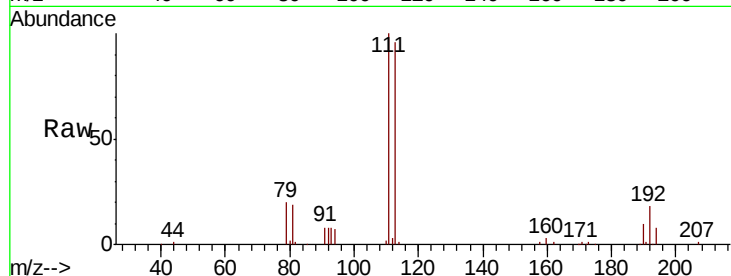




#35
Dibromofluoromethane
Concen: 50.732 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058718.D
Acq: 11 Oct 2019 21:30

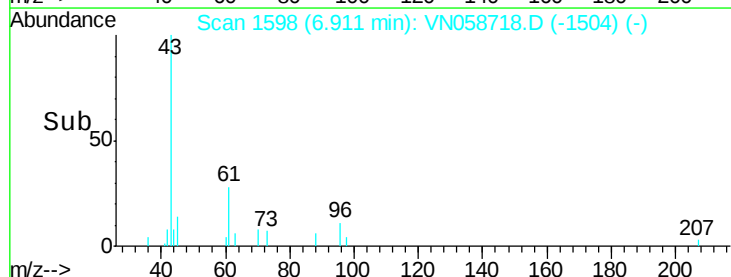
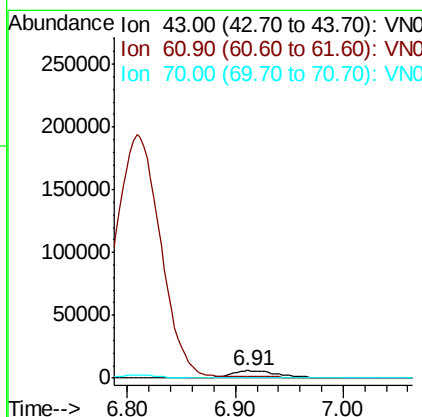
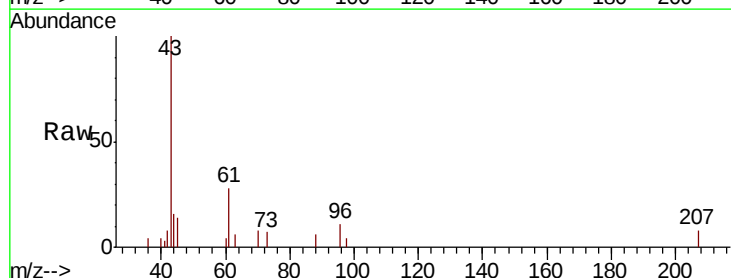
Instrument :
MSVOA_N
ClientSampleId :
FA19-JMW6001

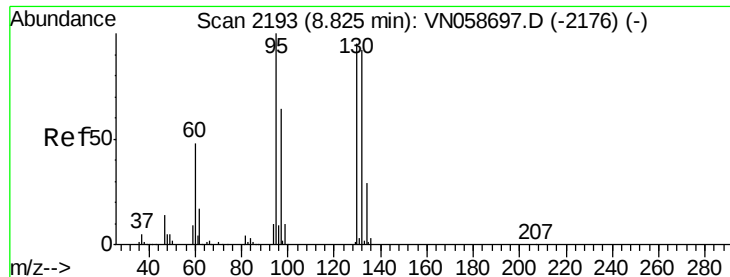
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	18.3	15.0	22.6



#37
Ethyl Acetate
Concen: 2.484 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058718.D
Acq: 11 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	4.8	7.2	10.8#





#44

Trichloroethene

Concen: 42.393 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

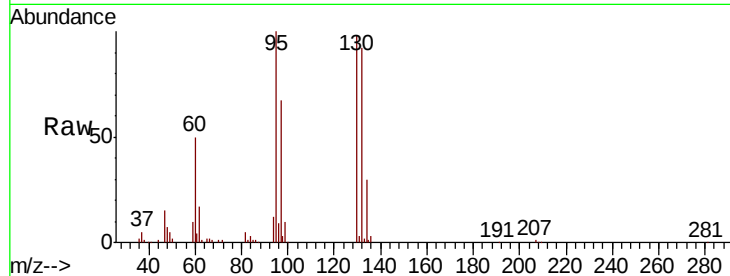
FA19-JMW6001

Tot Ion:130 Resp: 202261

Ion Ratio Lower Upper

130 100

95 102.2 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

100000

80000

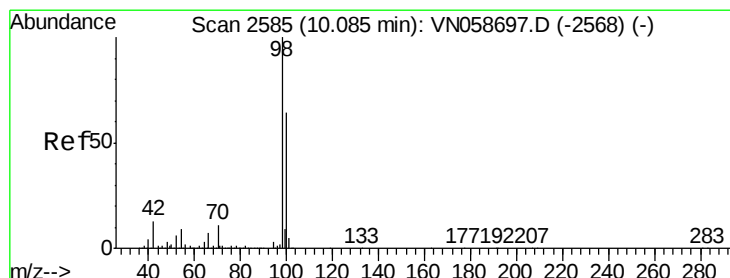
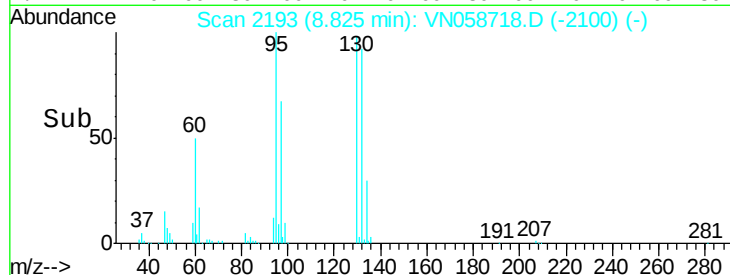
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 49.327 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058718.D

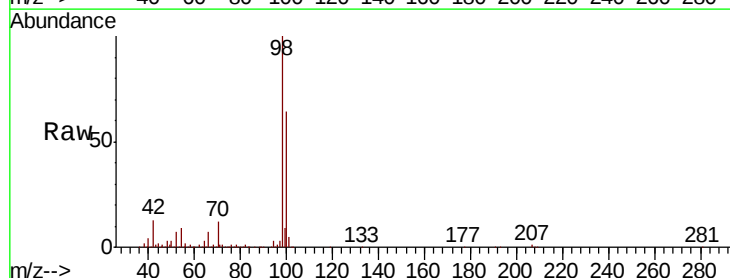
Acq: 11 Oct 2019 21:30

Tgt Ion: 98 Resp: 806131

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

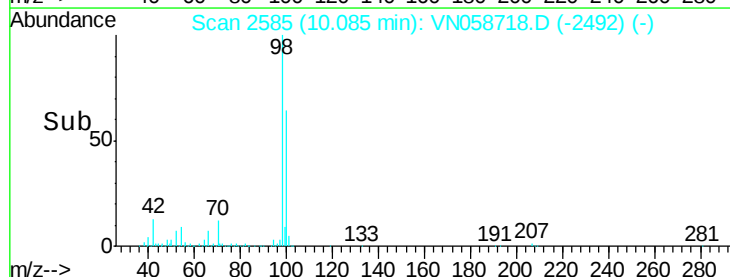
300000

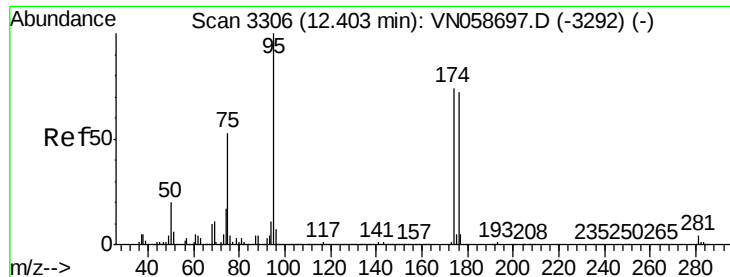
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 42.408 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058718.D

Acq: 11 Oct 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

FA19-JMW6001

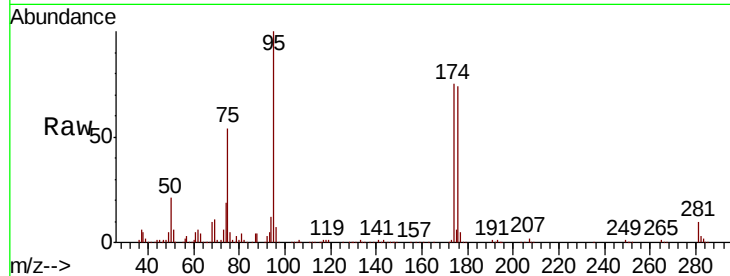
Tot Ion: 95 Resp: 262341

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.4

176 74.1 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058718.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058718.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058718.D (-3213) (-)

12.41

200000

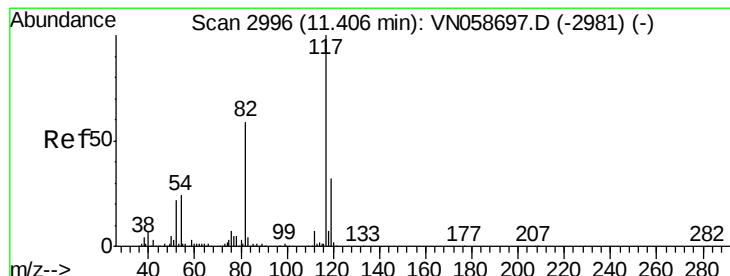
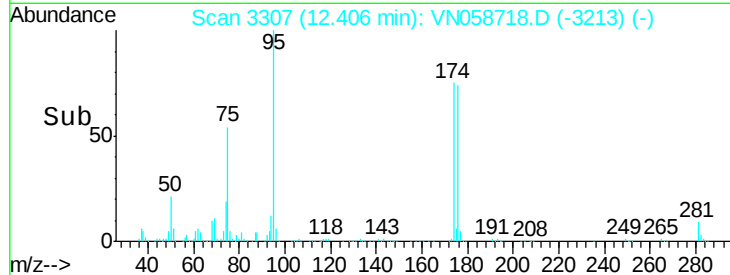
150000

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: VN058718.D

Acq: 11 Oct 2019 21:30

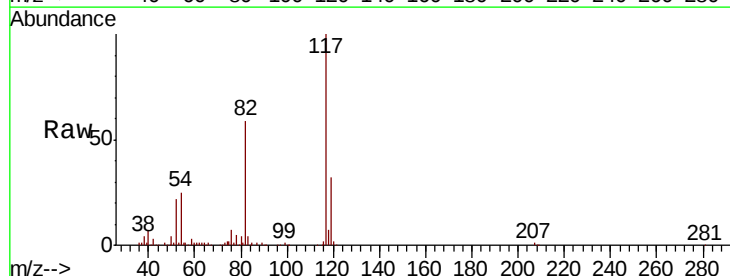
Tgt Ion: 117 Resp: 585943

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.4

119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN058718.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058718.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058718.D (-2903) (-)

11.41

400000

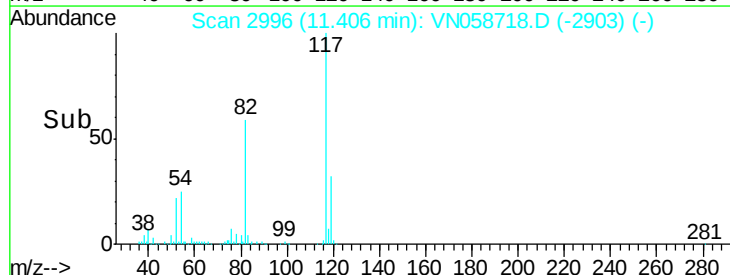
300000

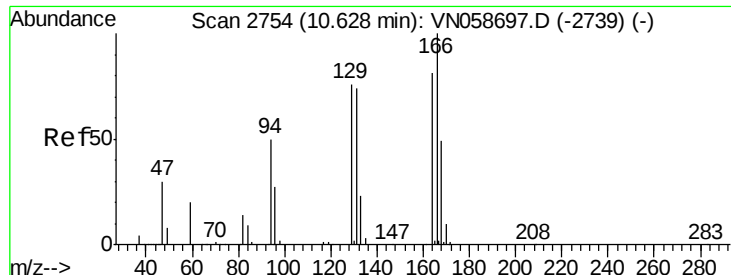
200000

100000

0

Time-->

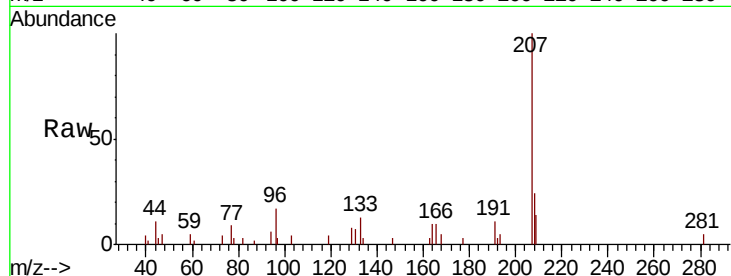




#64
Tetrachloroethene
Concen: 0.308 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058718.D
Acq: 11 Oct 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
FA19-JMW6001

Tot Ion	Ratio	Lower	Upper
164	100		
166	99.3	99.3	148.9
129	80.0	75.2	112.8
131	67.5	73.0	109.4

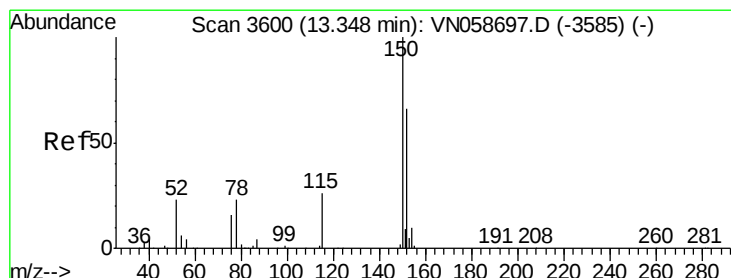
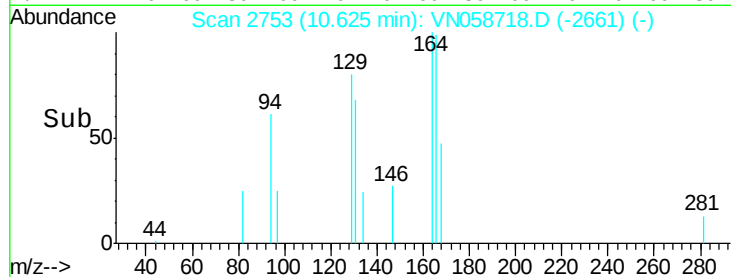
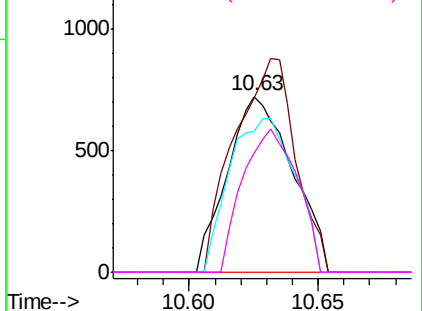


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

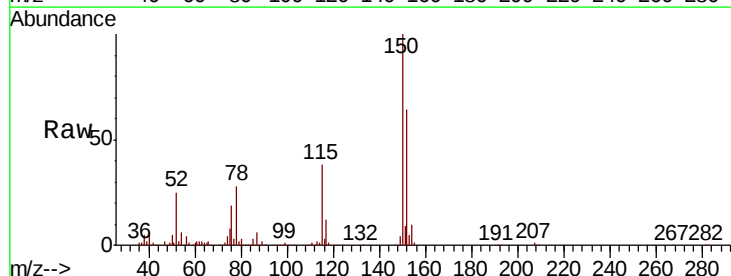
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN058718.D
Acq: 11 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.4	91.2
150	156.9	0.0	345.4



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

