

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058715.D
 Acq On : 11 Oct 2019 20:24
 Operator : JC/SP
 Sample : K5336-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-USMW025

Quant Time: Oct 12 01:00:11 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	386690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189597	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	260509	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
35) Dibromofluoromethane	7.57	113	188955	50.09	ug/l	0.00
Spiked Amount						
			Recovery	=	100.18%	
50) Toluene-d8	10.08	98	716932	47.53	ug/l	0.00
Spiked Amount						
			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.40	95	226367	39.65	ug/l	0.00
Spiked Amount						
			Recovery	=	79.30%	

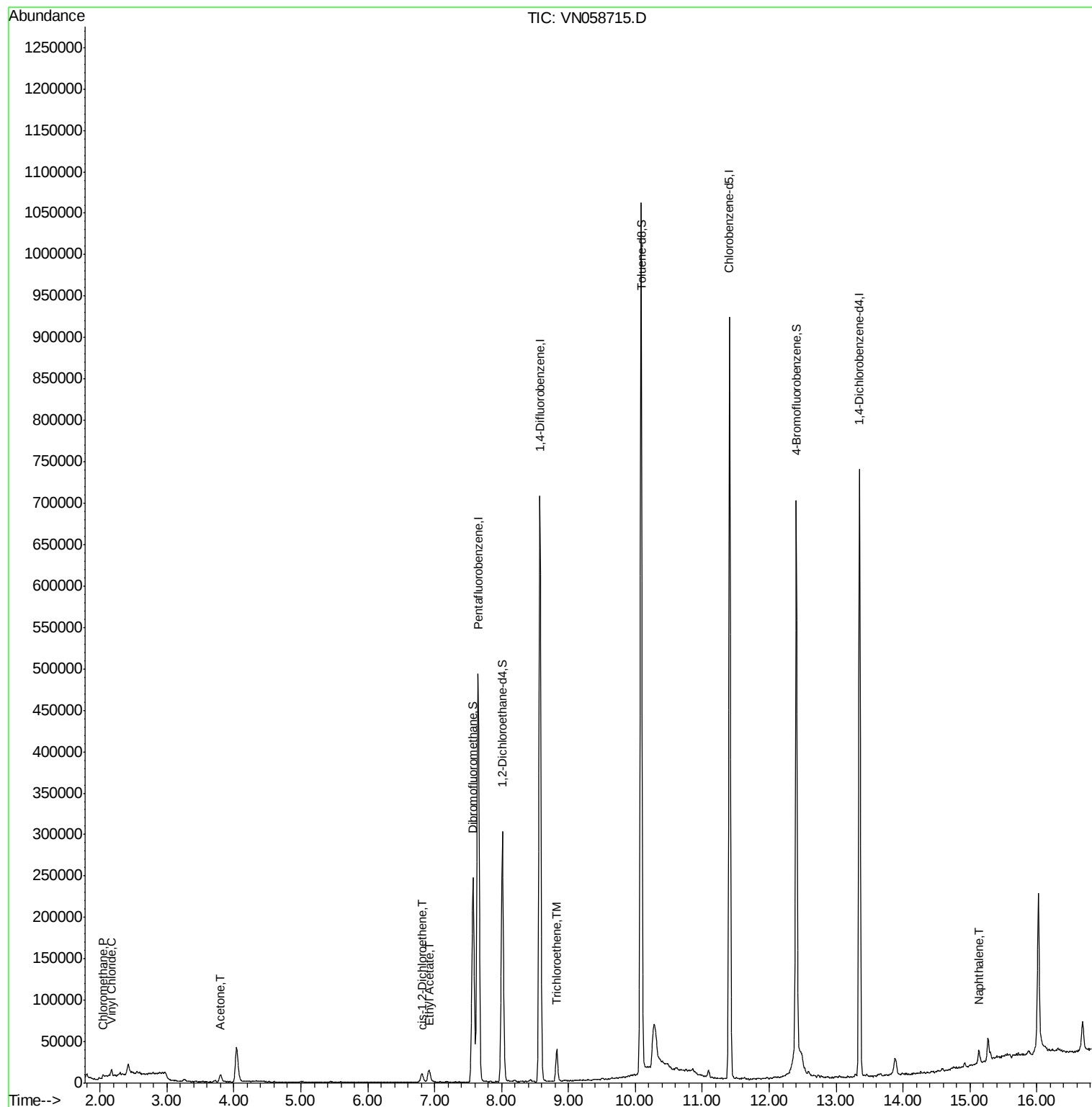
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2928	0.511	ug/l	97
4) Vinyl Chloride	2.17	62	6840	1.199	ug/l	92
16) Acetone	3.80	43	15213	6.788	ug/l	89
27) cis-1,2-Dichloroethene	6.81	96	6005	1.240	ug/l	76
37) Ethyl Acetate	6.92	43	24103	3.860	ug/l #	87
44) Trichloroethene	8.83	130	13179	2.993	ug/l	86
95) Naphthalene	15.13	128	7609	0.723	ug/l	95

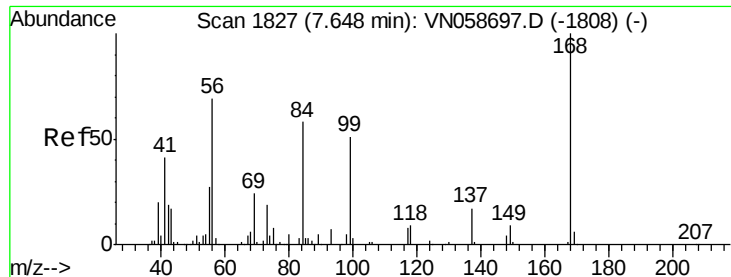
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
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Acq On : 11 Oct 2019 20:24
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Quant Time: Oct 12 01:00:11 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# 1827

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

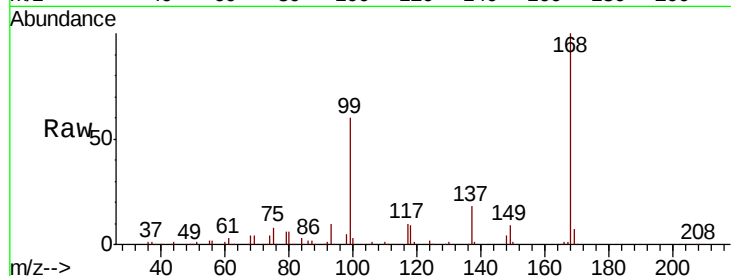
FA19-USMW025

Tot Ion:168 Resp: 386690

Ion Ratio Lower Upper

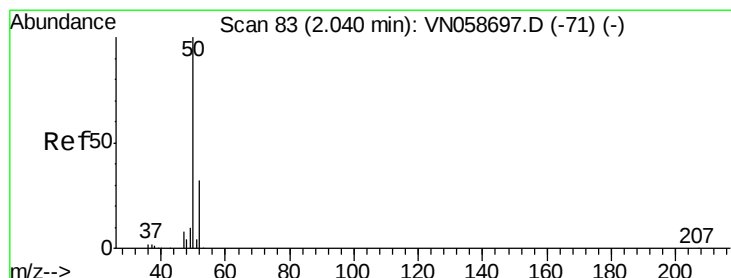
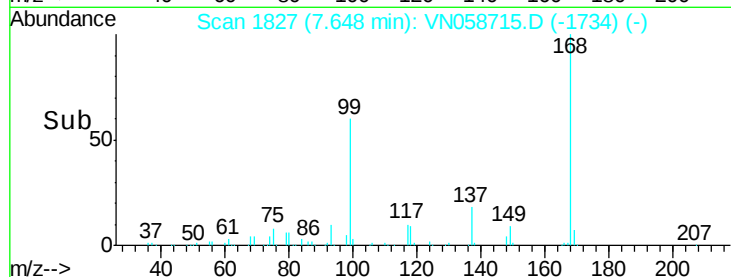
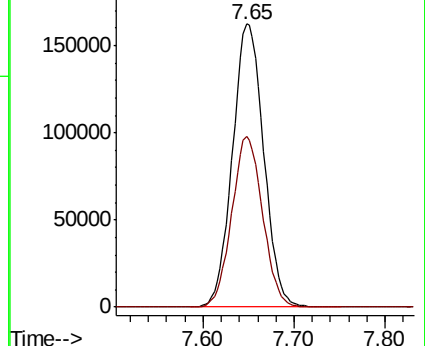
168 100

99 60.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.511 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN058715.D

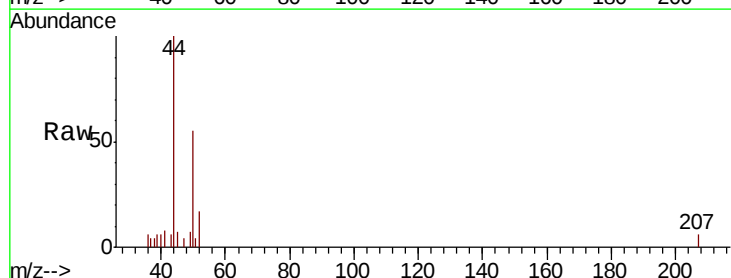
Acq: 11 Oct 2019 20:24

Tgt Ion: 50 Resp: 2928

Ion Ratio Lower Upper

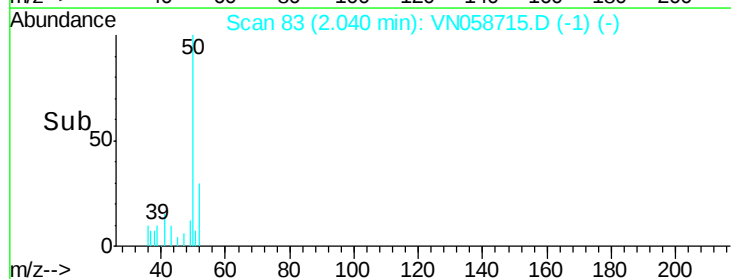
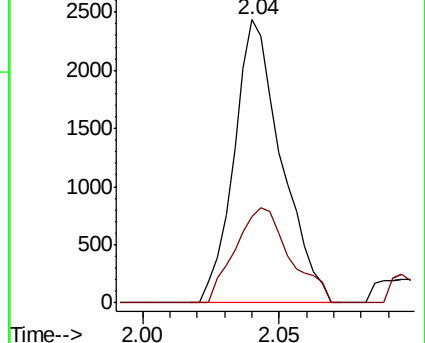
50 100

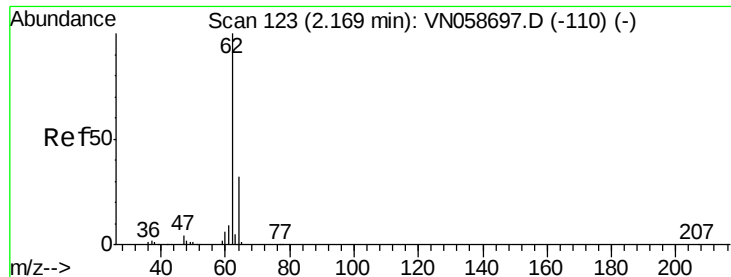
52 30.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 1.199 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

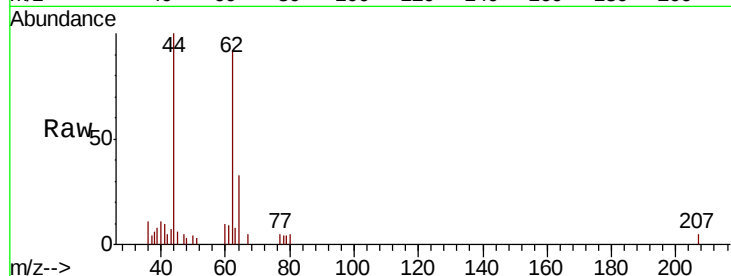
FA19-USMW025

Tot Ion: 62 Resp: 6840

Ion Ratio Lower Upper

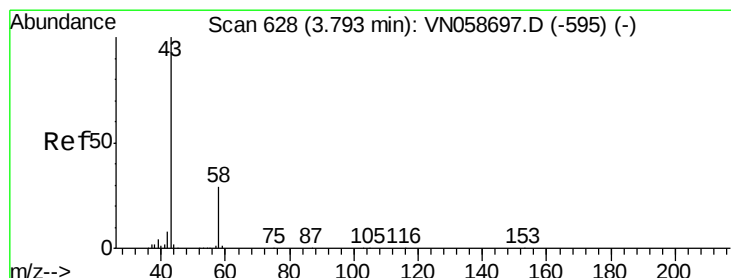
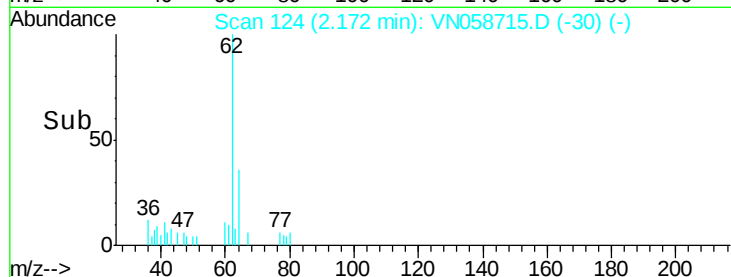
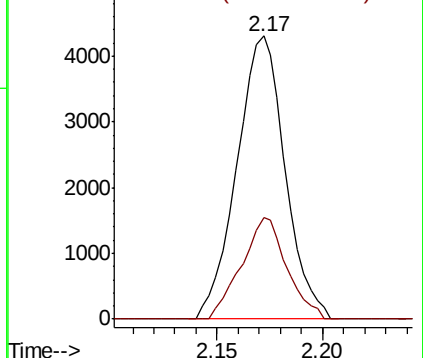
62 100

64 36.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



#16

Acetone

Concen: 6.788 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058715.D

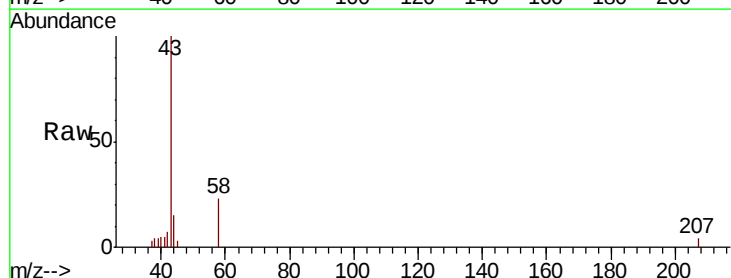
Acq: 11 Oct 2019 20:24

Tgt Ion: 43 Resp: 15213

Ion Ratio Lower Upper

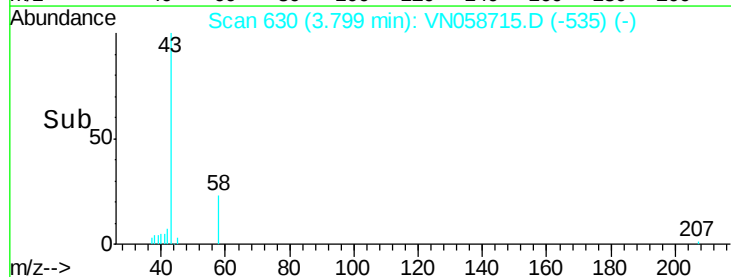
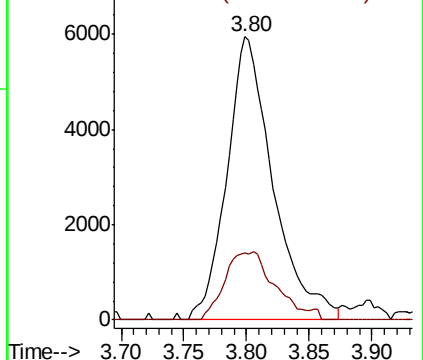
43 100

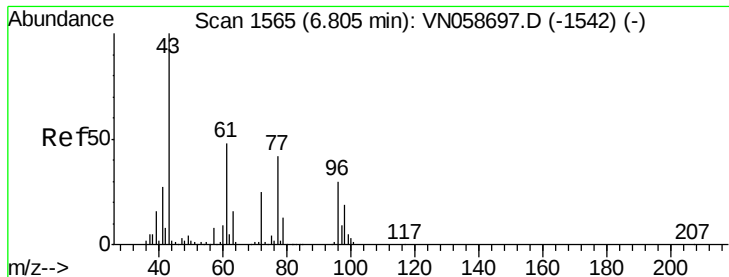
58 23.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#27

cis-1,2-Dichloroethene

Concen: 1.240 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

FA19-USMW025

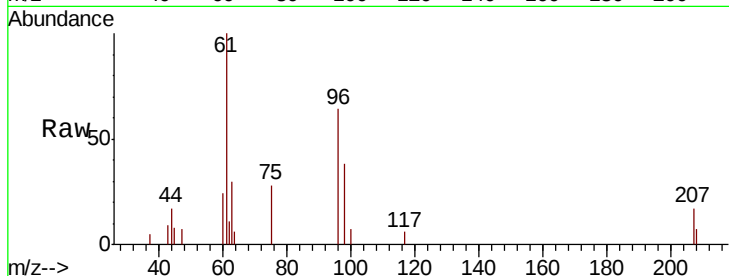
Tot Ion: 96 Resp: 6005

Ion Ratio Lower Upper

96 100

61 138.3 0.0 324.8

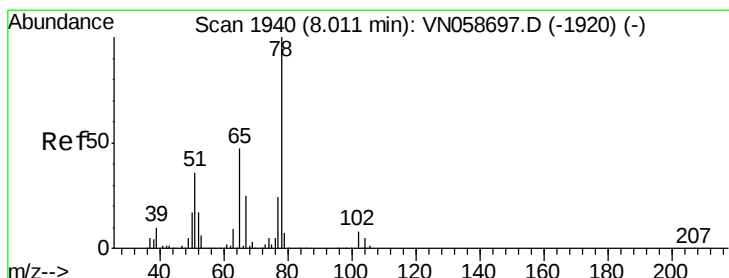
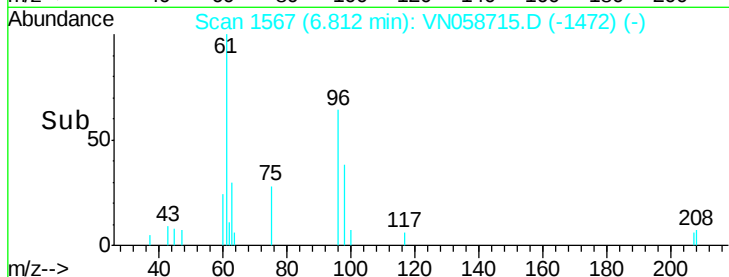
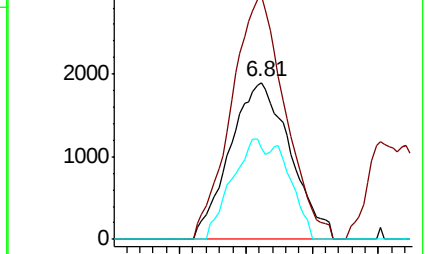
98 35.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN058697.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN058697.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN058697.D (-1542) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.121 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058715.D

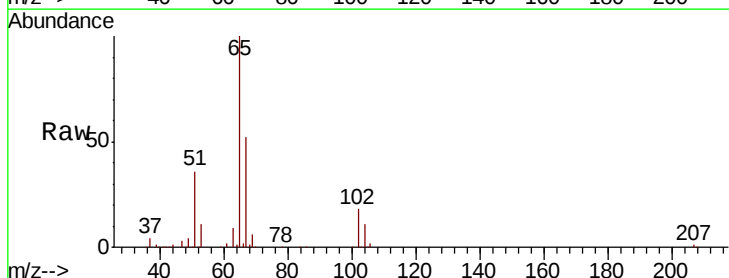
Acq: 11 Oct 2019 20:24

Tgt Ion: 65 Resp: 260509

Ion Ratio Lower Upper

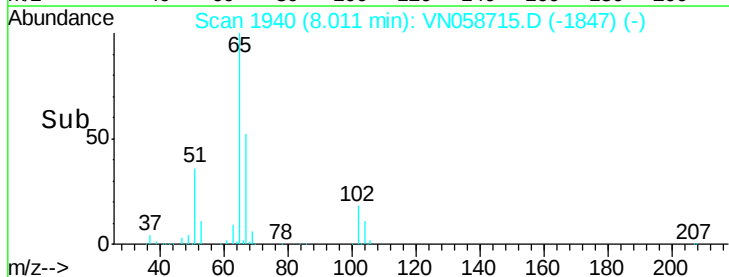
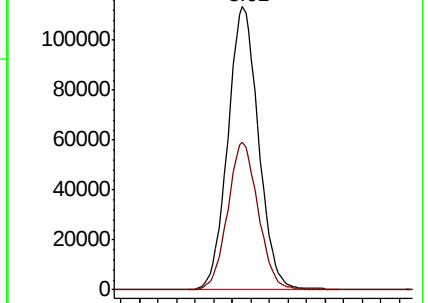
65 100

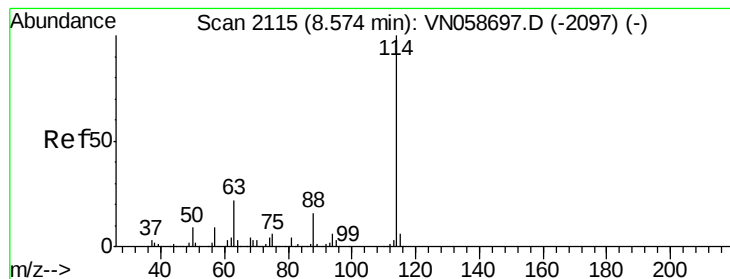
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058697.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN058697.D (-1920) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

FA19-USMW025

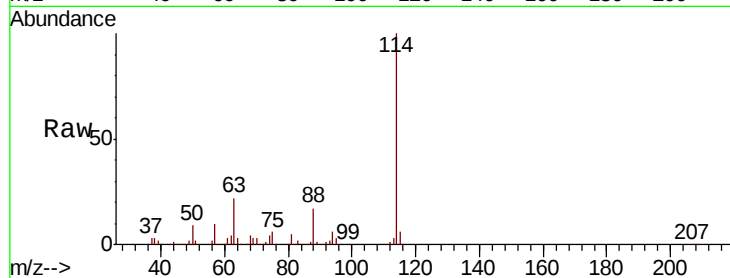
Tot Ion:114 Resp: 610667

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

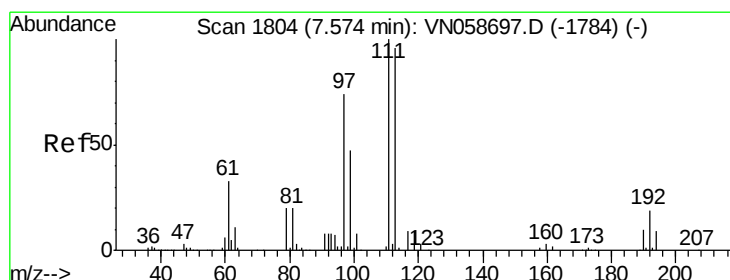
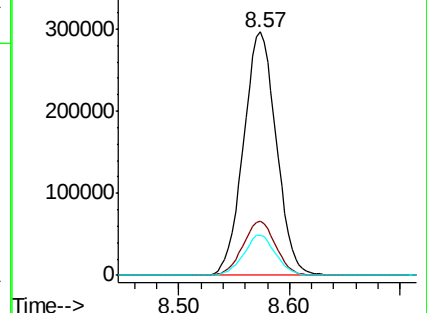
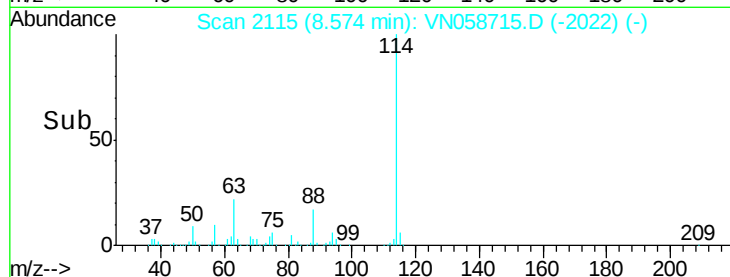
88 16.6 0.0 32.0



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: 50.095 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

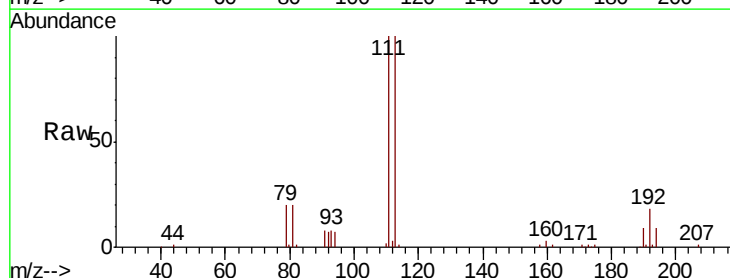
Tgt Ion:113 Resp: 188955

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

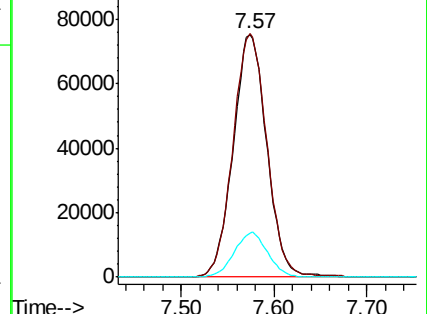
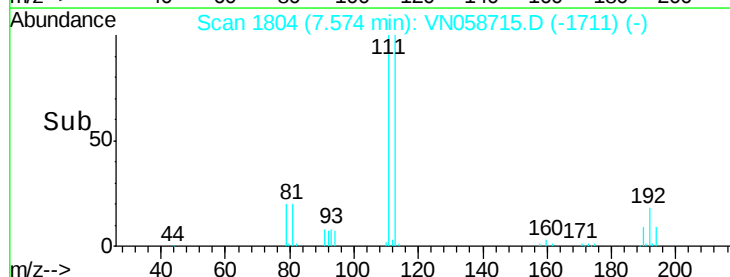
192 18.4 15.0 22.6

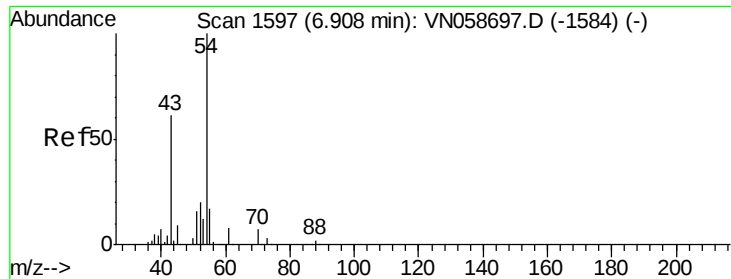


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

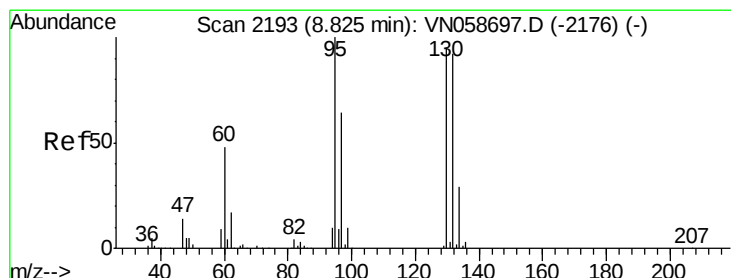
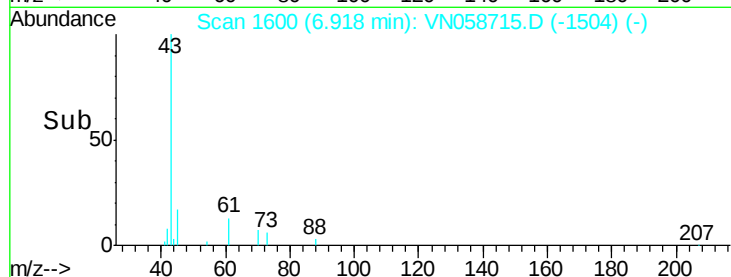
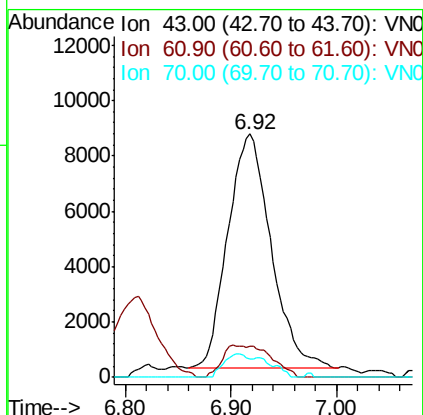
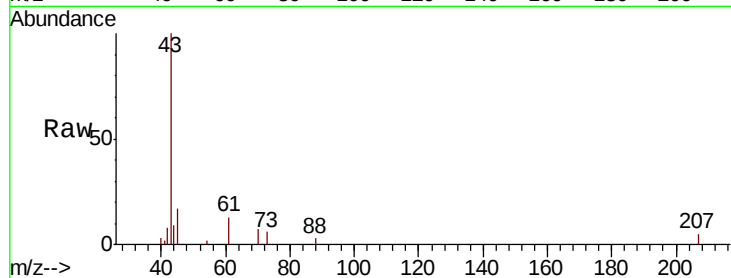




#37
Ethyl Acetate
Concen: 3.860 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN058715.D
Acq: 11 Oct 2019 20:24

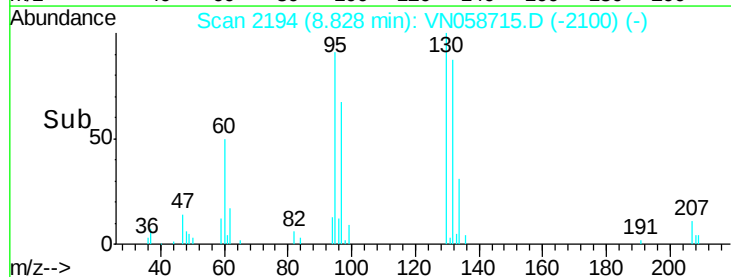
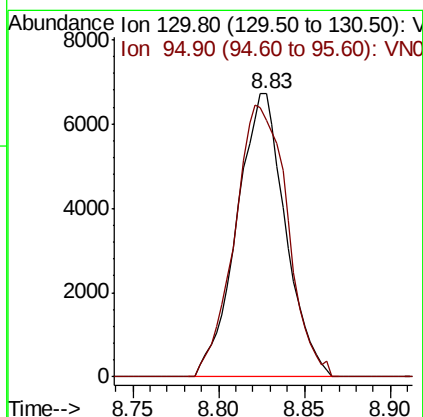
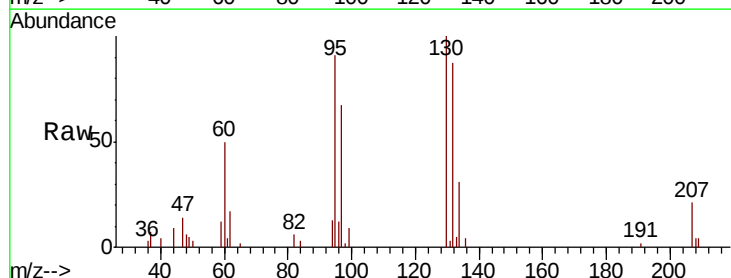
Instrument :
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ClientSampleId :
FA19-USMW025

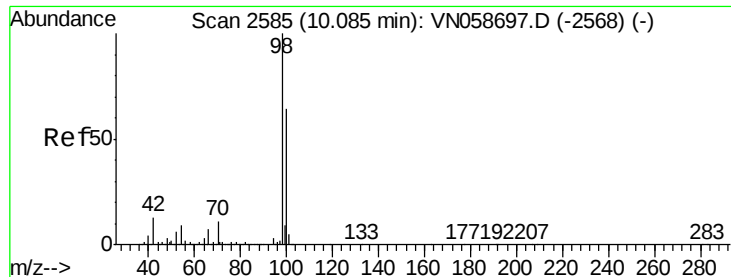
Tot Ion: 43 Resp: 24103
Ion Ratio Lower Upper
43 100
61 7.6 11.3 16.9#
70 5.7 7.2 10.8#



#44
Trichloroethene
Concen: 2.993 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058715.D
Acq: 11 Oct 2019 20:24

Tgt Ion: 130 Resp: 13179
Ion Ratio Lower Upper
130 100
95 90.7 0.0 211.2





#50

Toluene-d8

Concen: 47.531 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

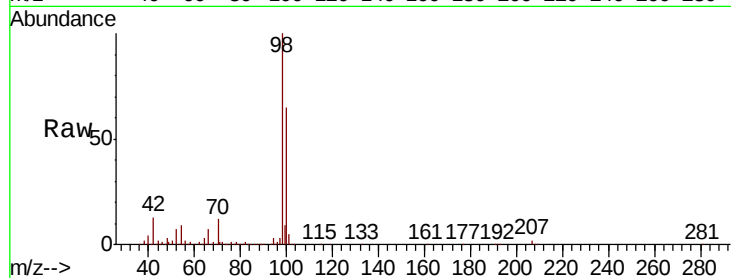
FA19-USMW025

Tot Ion: 98 Resp: 716932

Ion Ratio Lower Upper

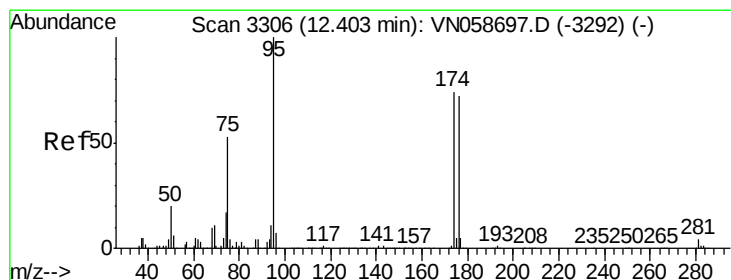
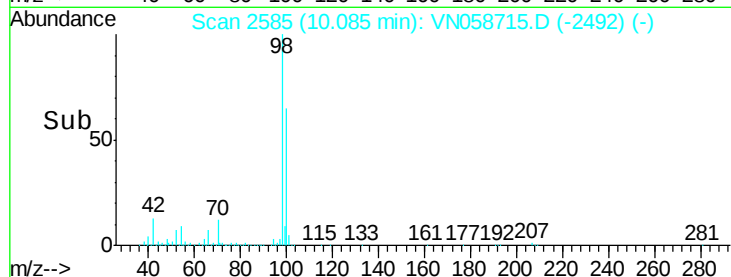
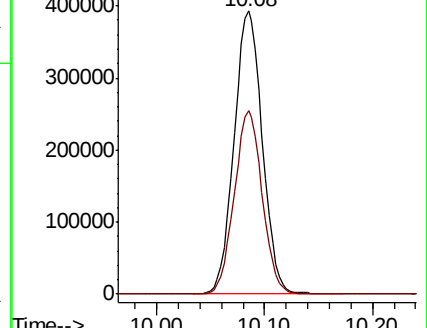
98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 39.647 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

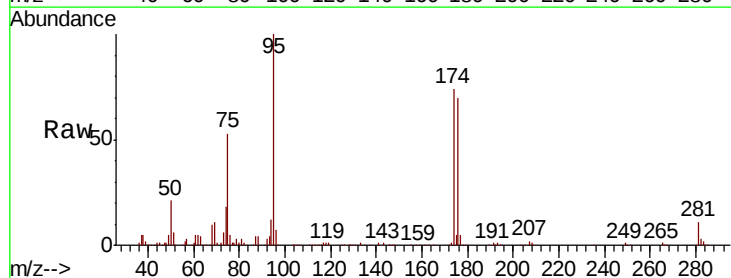
Tgt Ion: 95 Resp: 226367

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.4

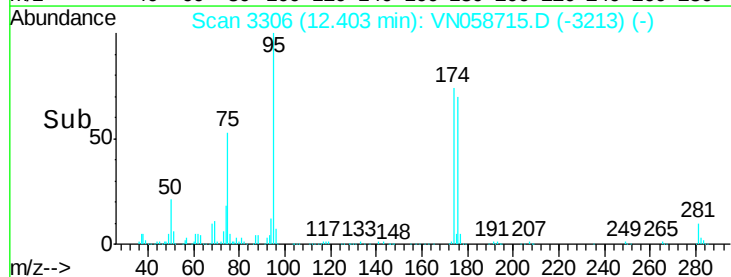
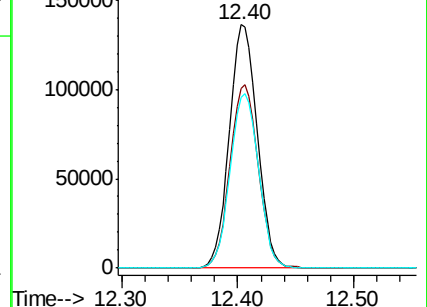
176 73.2 0.0 146.8

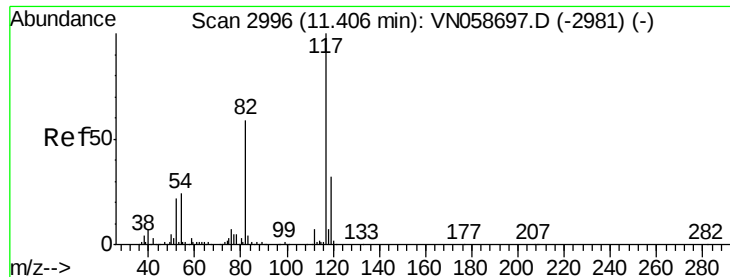


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

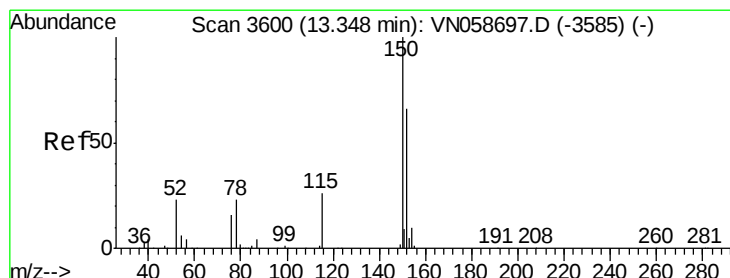
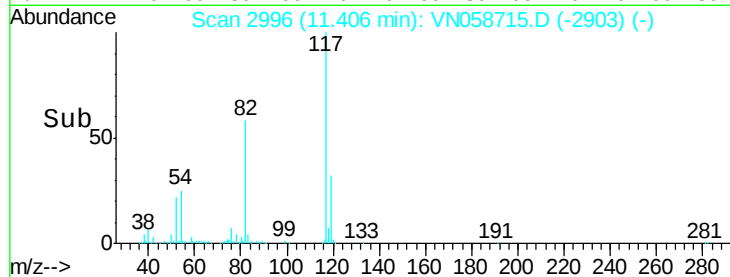
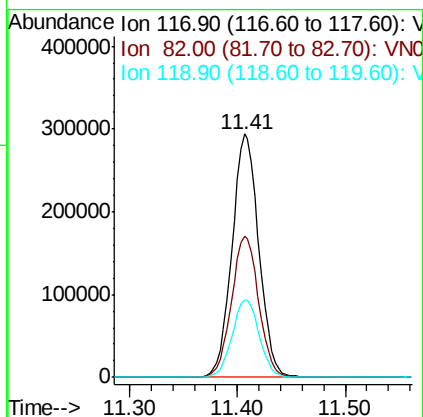
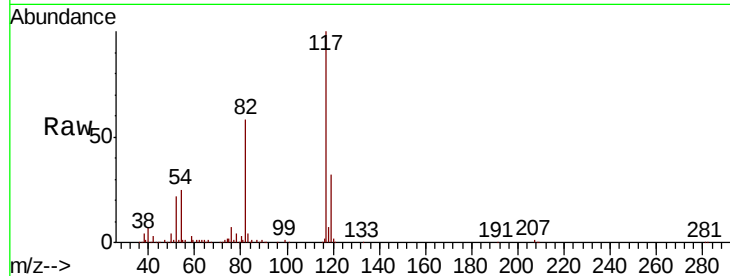




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058715.D
Acq: 11 Oct 2019 20:24

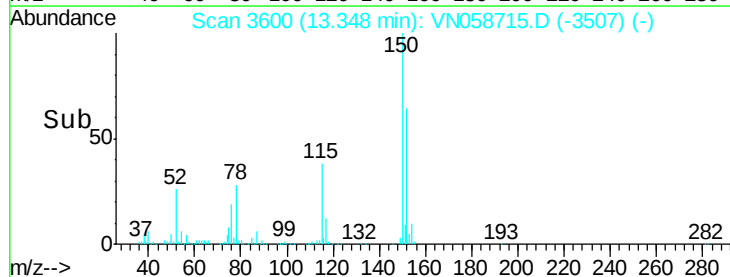
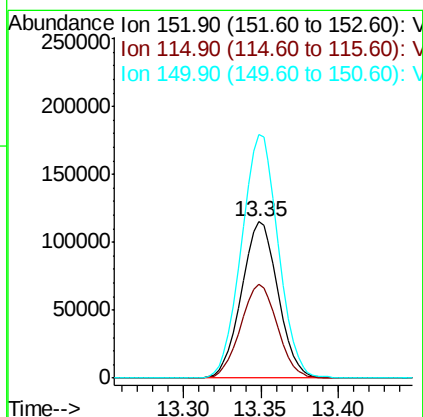
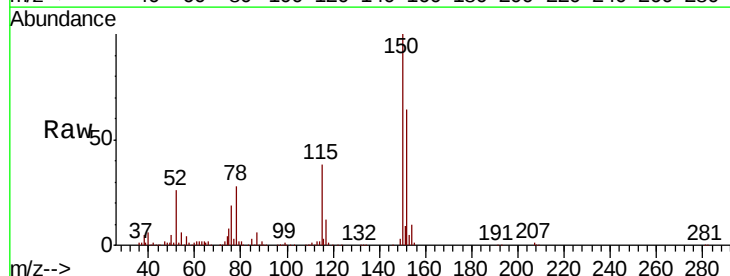
Instrument :
MSVOA_N
ClientSampleId :
FA19-USMW025

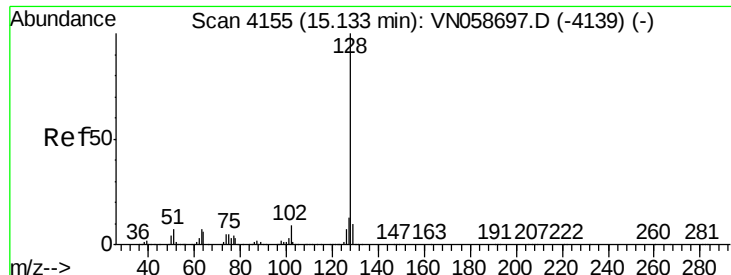
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.0	70.4
119	31.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058715.D
Acq: 11 Oct 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.4	91.2
150	157.1	0.0	345.4





#95

Naphthalene

Concen: 0.723 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058715.D

Acq: 11 Oct 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

FA19-USMW025

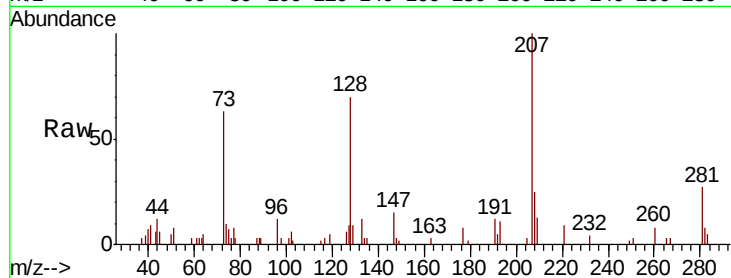
Tot Ion:128 Resp: 7609

Ion Ratio Lower Upper

128 100

127 15.1 10.2 15.4

129 12.4 8.5 12.7



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

