

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058717.D
 Acq On : 11 Oct 2019 21:08
 Operator : JC/SP
 Sample : K5336-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7725

Manual Integrations
 APPROVED

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 10/16/2019 12:48:54 AM

Quant Time: Oct 12 01:05:10 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	415015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	655651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	284689	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.57	113	206782	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.08	98	796662	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.41	95	253101	41.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	3650	0.594	ug/l	95
4) Vinyl Chloride	2.17	62	3490	0.570	ug/l	92
11) Tert butyl alcohol	4.76	59	5474	5.817	ug/l #	85
16) Acetone	3.80	43	81953	34.071	ug/l	100
25) 2-Butanone	6.83	43	10050m	2.891	ug/l	
27) cis-1,2-Dichloroethene	6.81	96	19851	3.818	ug/l	79
37) Ethyl Acetate	6.91	43	17721	2.643	ug/l #	93
44) Trichloroethene	8.82	130	13629	2.883	ug/l	98

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

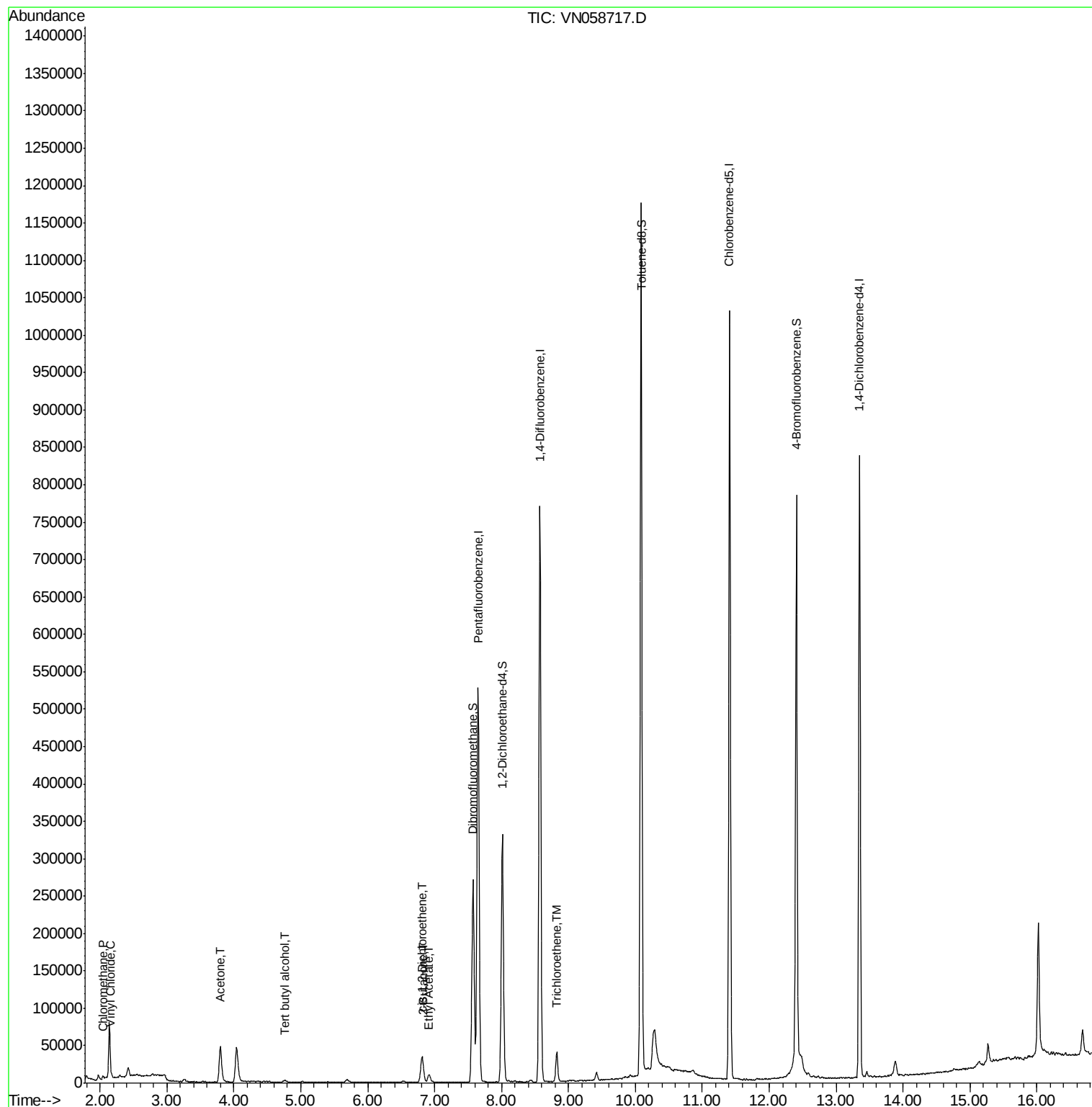
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058717.D
Acq On : 11 Oct 2019 21:08
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Quant Time: Oct 12 01:05:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 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: VN058717.D

Acq: 11 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7725

Tot Ion:168 Resp: 415015

Ion Ratio Lower Upper

168 100

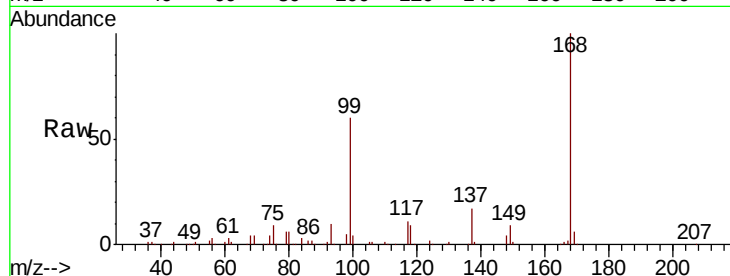
99 60.0 47.5 71.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

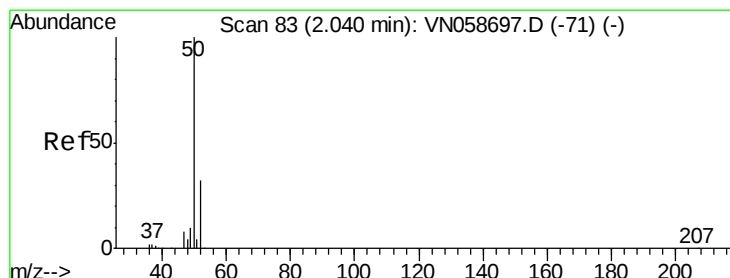
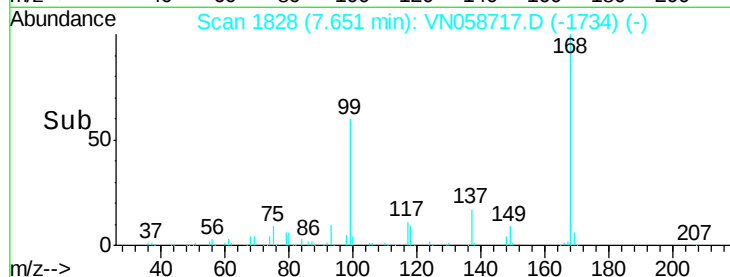
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.594 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058717.D

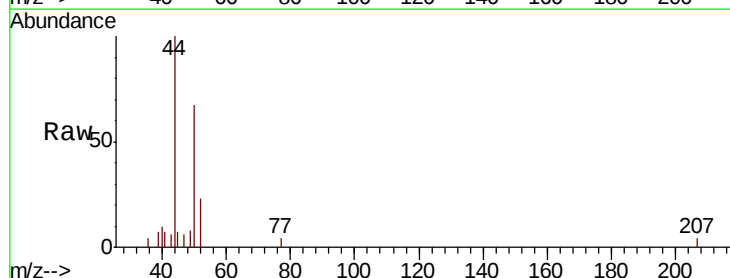
Acq: 11 Oct 2019 21:08

Tgt Ion: 50 Resp: 3650

Ion Ratio Lower Upper

50 100

52 34.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

3000

2500

2000

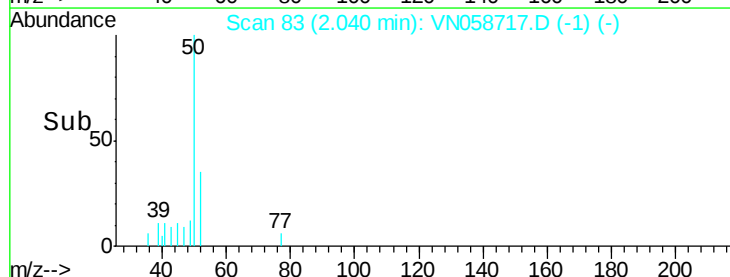
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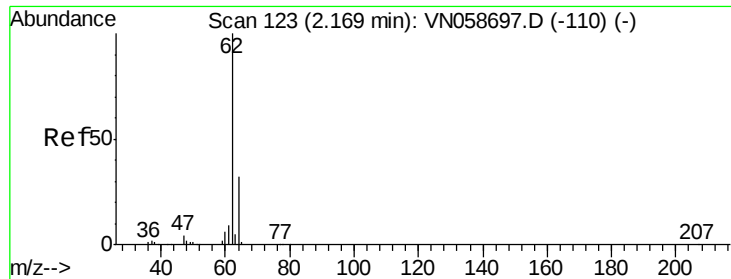
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 0.570 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058717.D

Acq: 11 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7725

Tot Ion: 62 Resp: 3490

Ion Ratio Lower Upper

62 100

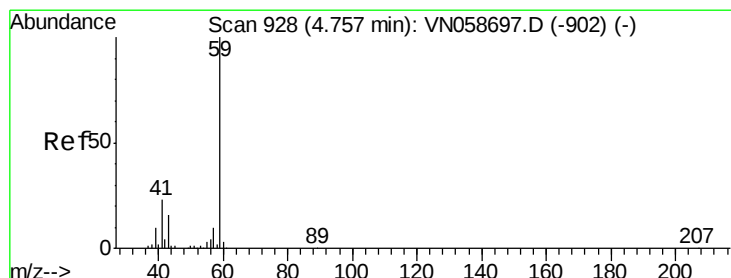
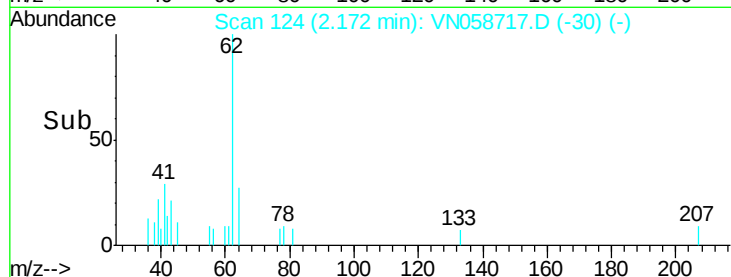
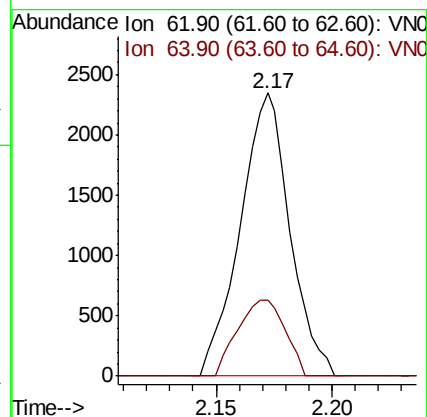
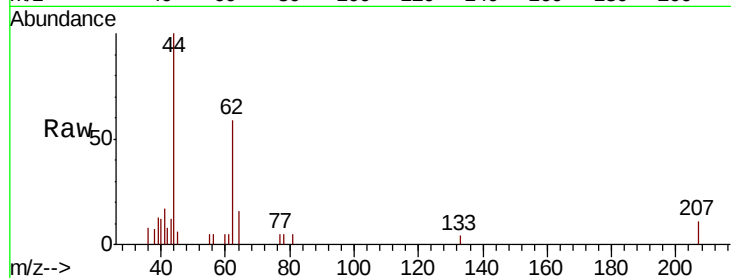
64 27.0 25.3 37.9

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#11

Tert butyl alcohol

Concen: 5.817 ug/l

RT: 4.76 min Scan# 930

Delta R.T. 0.01 min

Lab File: VN058717.D

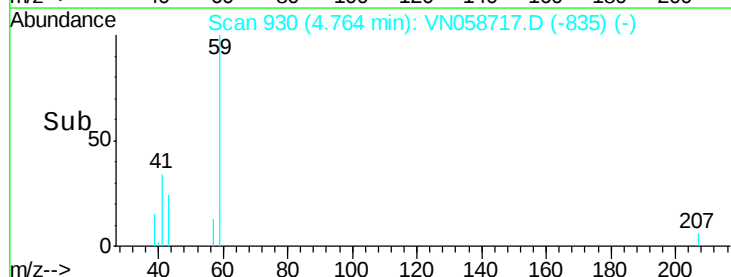
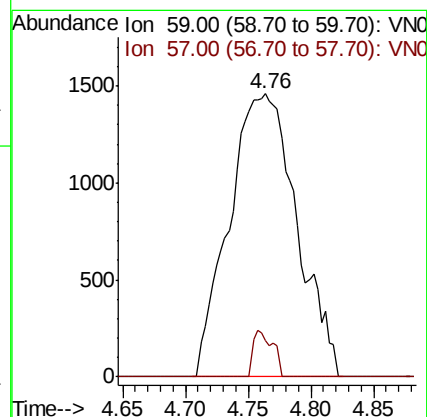
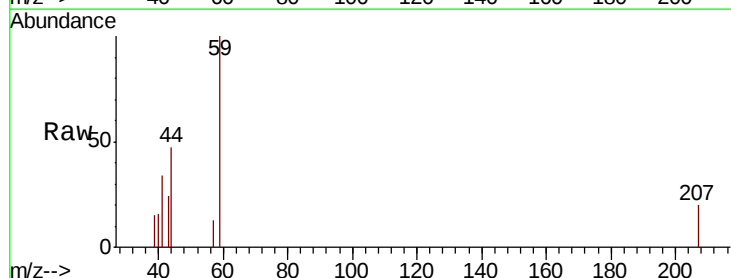
Acq: 11 Oct 2019 21:08

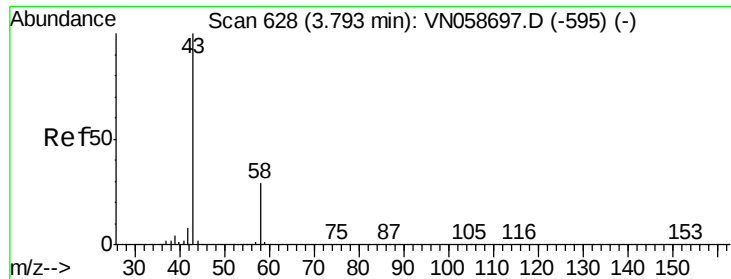
Tgt Ion: 59 Resp: 5474

Ion Ratio Lower Upper

59 100

57 4.8 8.4 12.6#





#16

Acetone

Concen: 34.071 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058717.D

Acq: 11 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7725

Tot Ion: 43 Resp: 81953

Ion Ratio Lower Upper

43 100

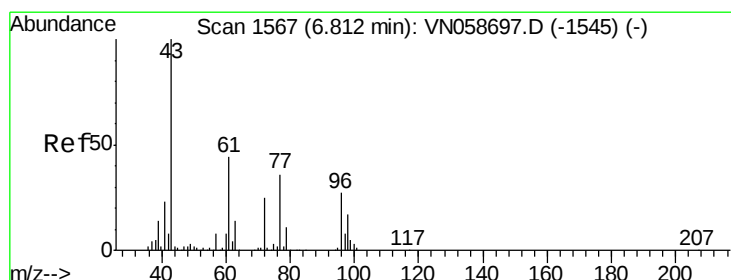
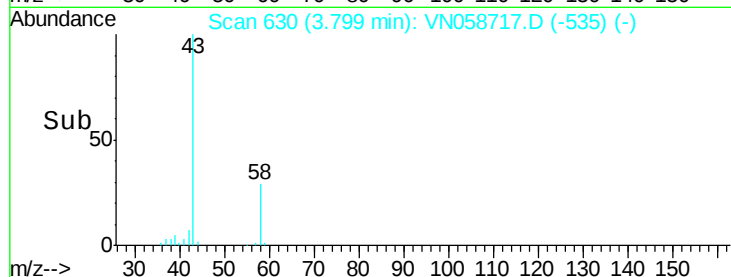
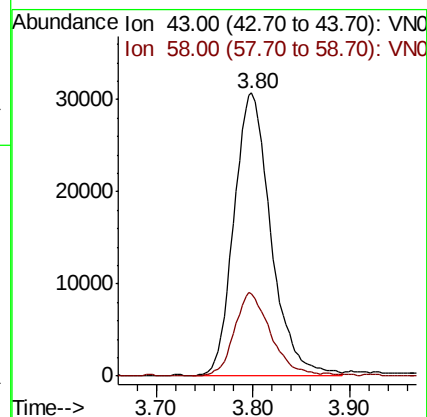
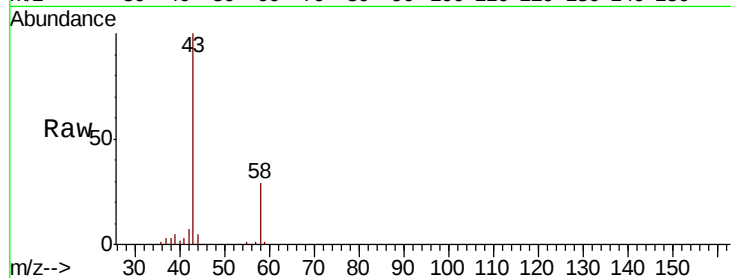
58 29.1 23.3 34.9

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#25

2-Butanone

Concen: 2.891 ug/l m

RT: 6.83 min Scan# 1573

Delta R.T. 0.02 min

Lab File: VN058717.D

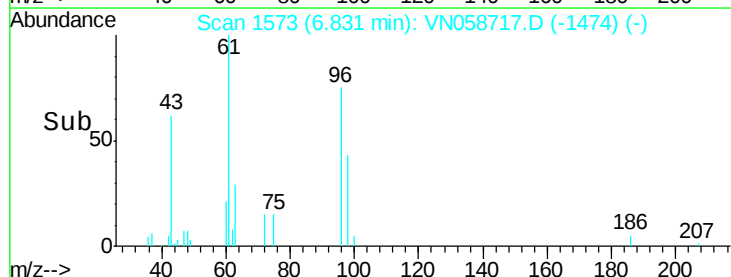
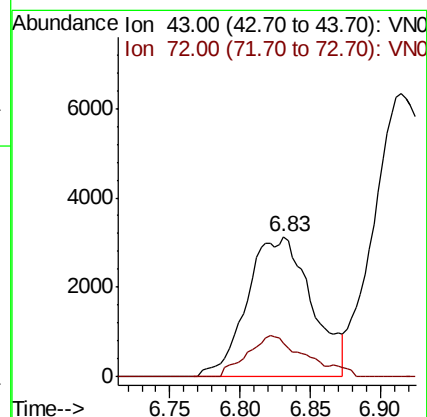
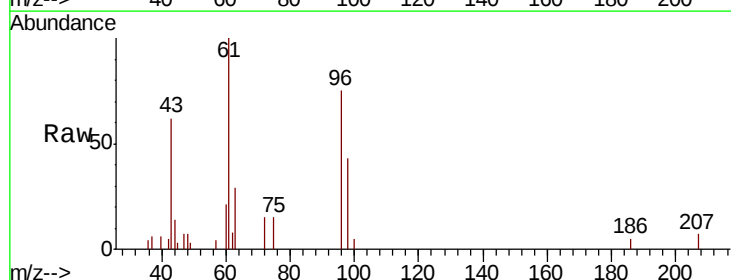
Acq: 11 Oct 2019 21:08

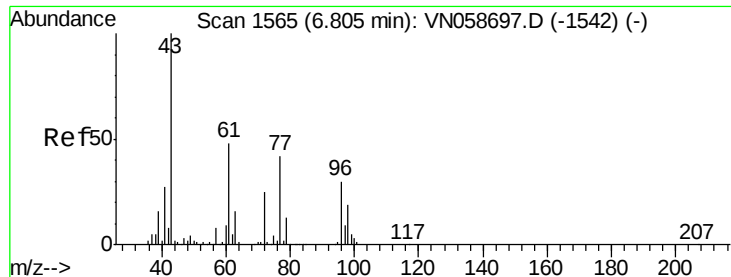
Tgt Ion: 43 Resp: 10050

Ion Ratio Lower Upper

43 100

72 24.3 20.2 30.2





#27

cis-1,2-Dichloroethene

Concen: 3.818 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN058717.D

Acq: 11 Oct 2019 21:08

Instrument :

MSVOA_N

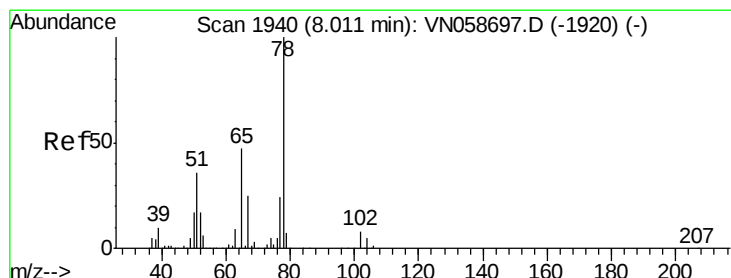
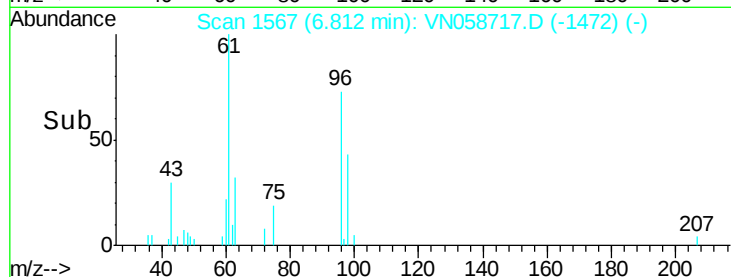
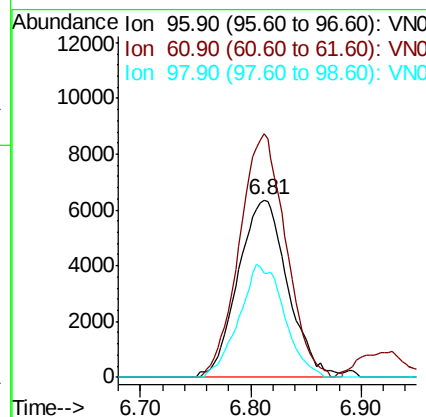
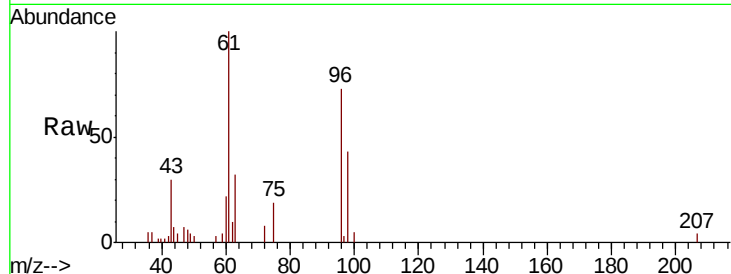
ClientSampleId :

FA19-JBW7725

Tot Ion:	96	Resp:	19851
Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	324.8
98	58.0	0.0	129.2

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#33

1,2-Dichloroethane-d4

Concen: 48.999 ug/l

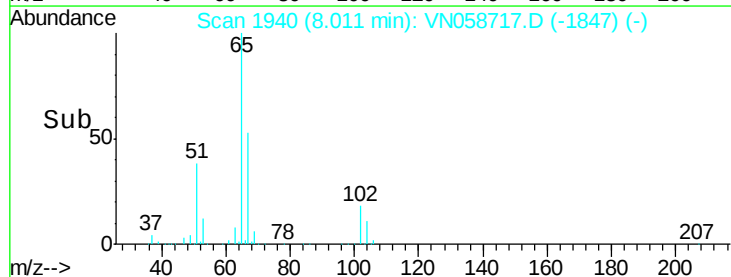
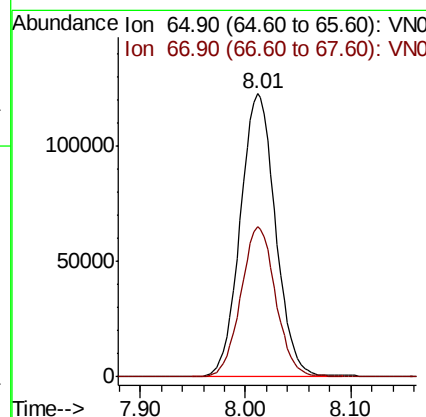
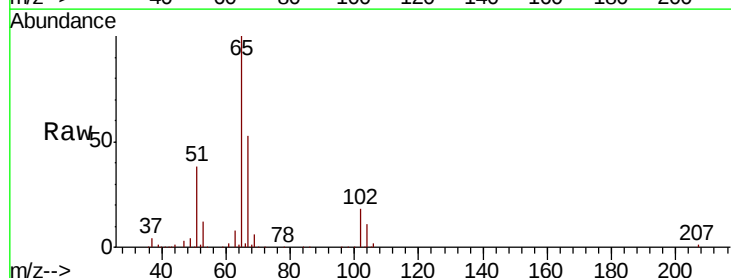
RT: 8.01 min Scan# 1940

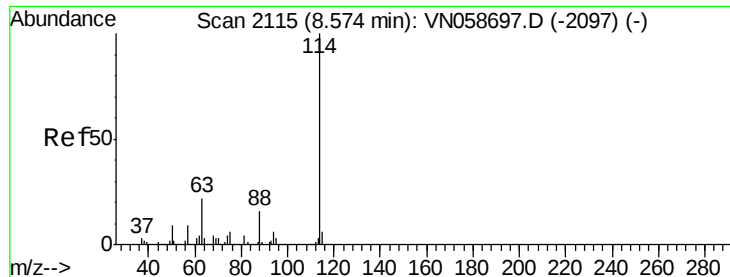
Delta R.T. 0.00 min

Lab File: VN058717.D

Acq: 11 Oct 2019 21:08

Tgt Ion:	65	Resp:	284689
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.8





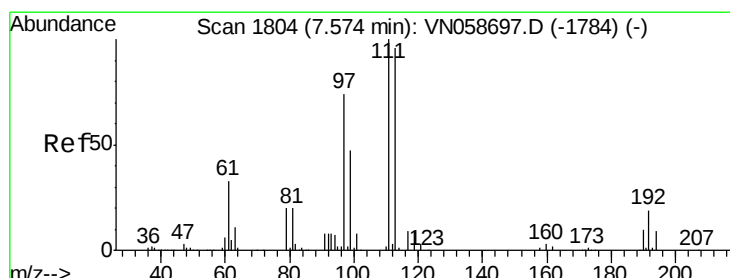
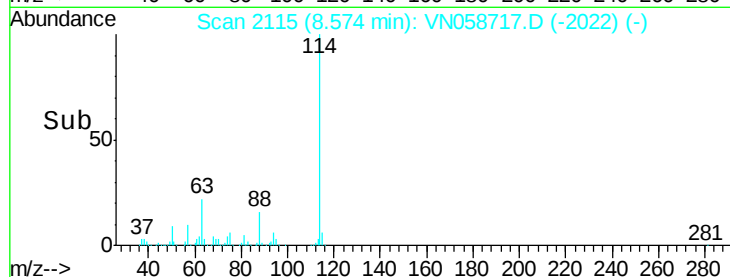
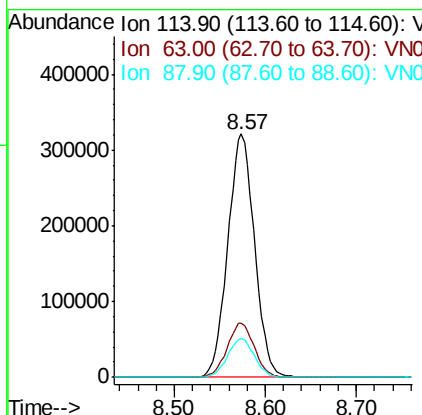
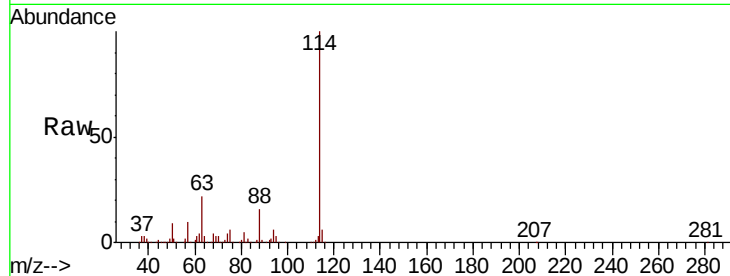
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058717.D
 Acq: 11 Oct 2019 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7725

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.4	0.0	43.8
88	15.9	0.0	32.0

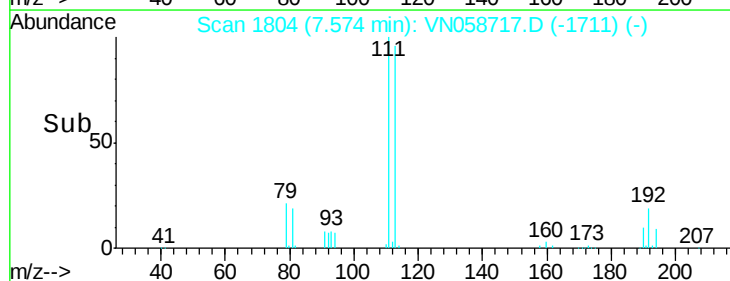
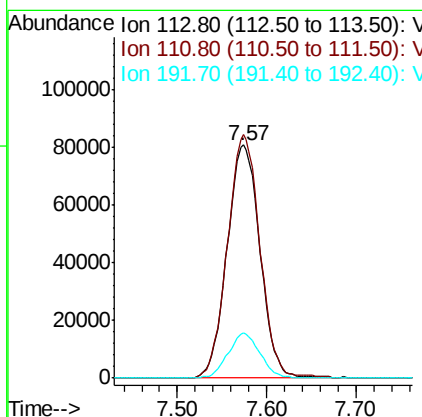
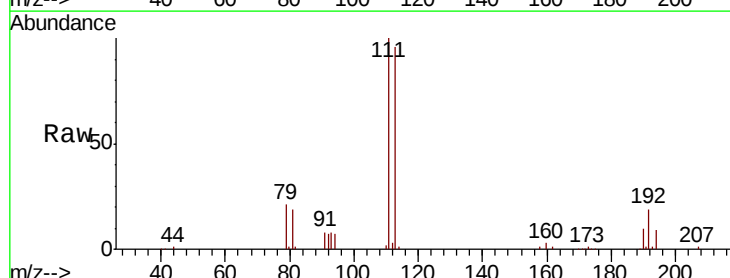
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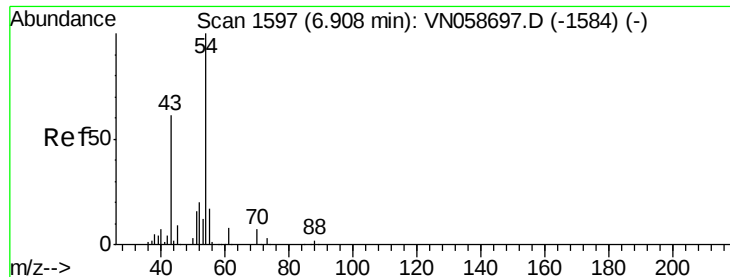
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#35
 Dibromofluoromethane
 Concen: 51.060 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058717.D
 Acq: 11 Oct 2019 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.8	82.3	123.5
192	18.8	15.0	22.6





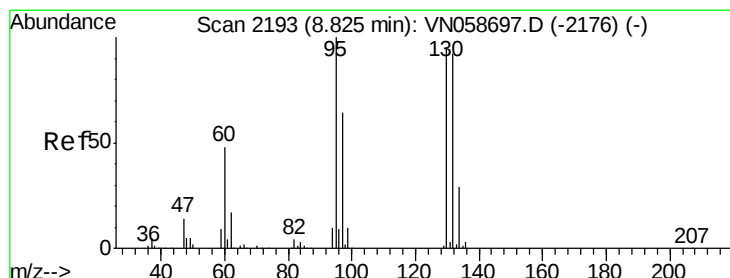
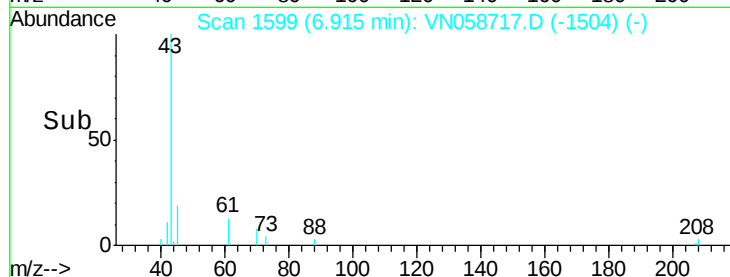
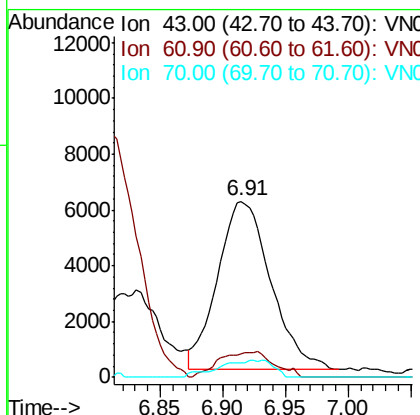
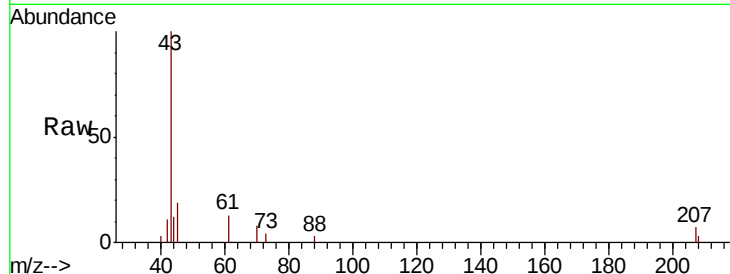
#37
Ethyl Acetate
Concen: 2.643 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7725

Tot Ion	43	Resp	17721
Ion Ratio	Lower	Upper	
43	100		
61	15.9	11.3	16.9
70	5.0	7.2	10.8

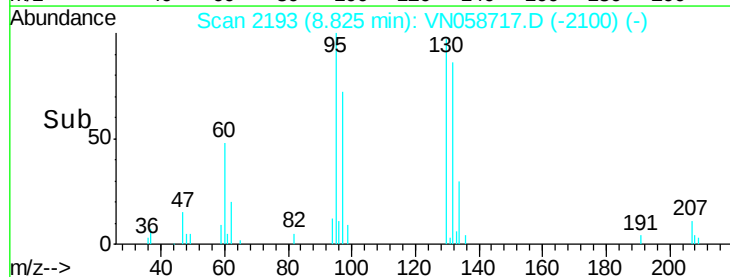
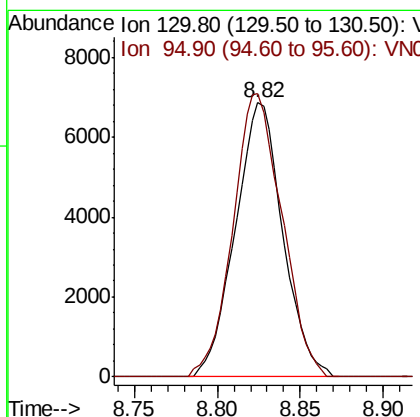
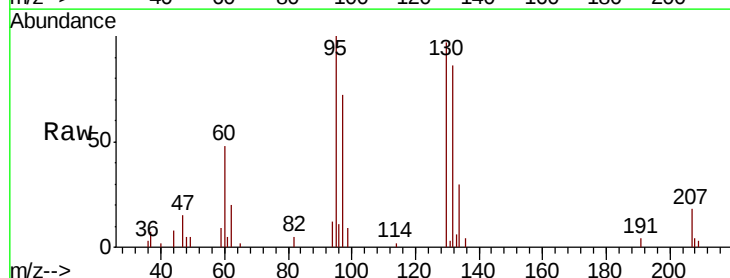
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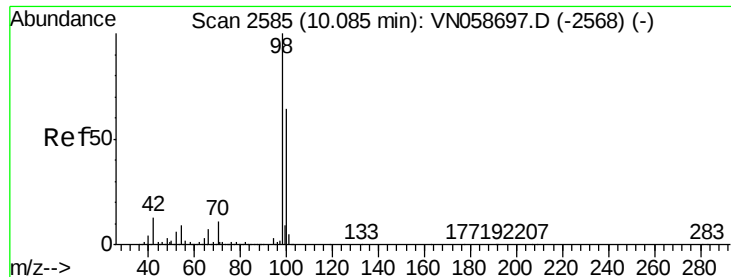
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#44
Trichloroethene
Concen: 2.883 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Tgt Ion	130	Resp	13629
Ion Ratio	Lower	Upper	
130	100		
95	103.2	0.0	211.2





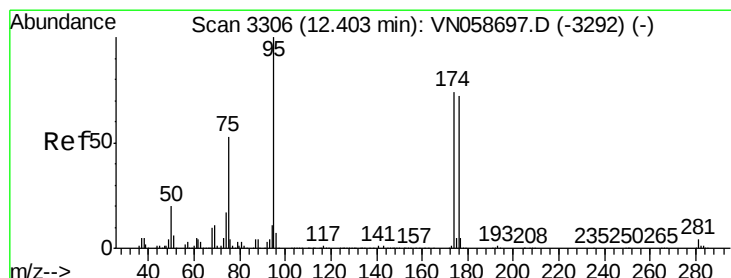
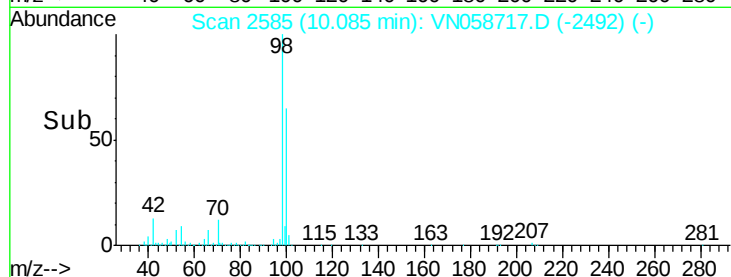
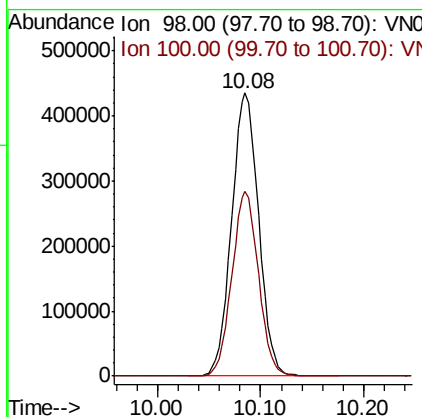
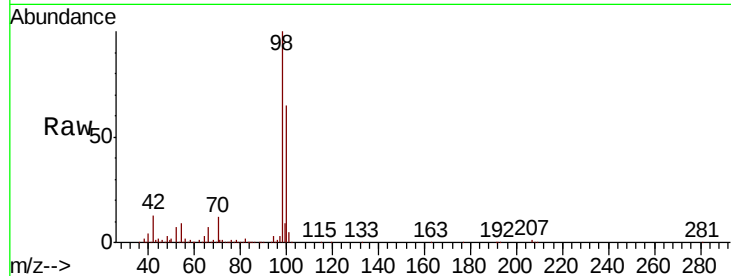
#50
Toluene-d8
Concen: 49.193 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7725

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7

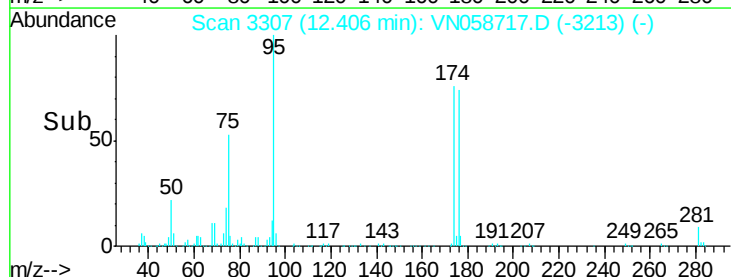
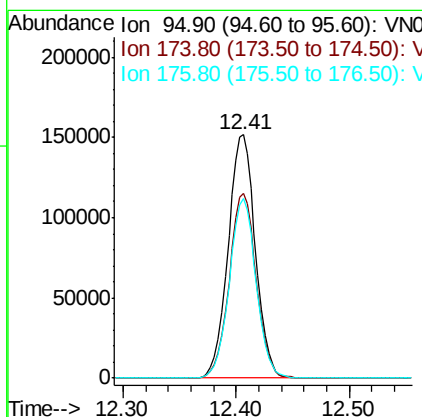
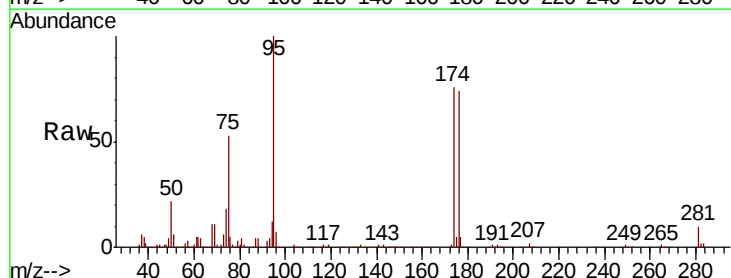
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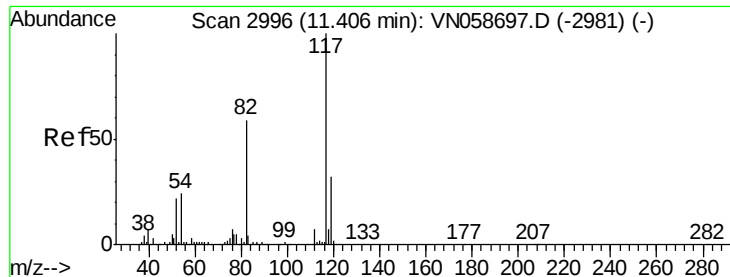
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#62
4-Bromofluorobenzene
Concen: 41.288 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	72.5	0.0	146.8





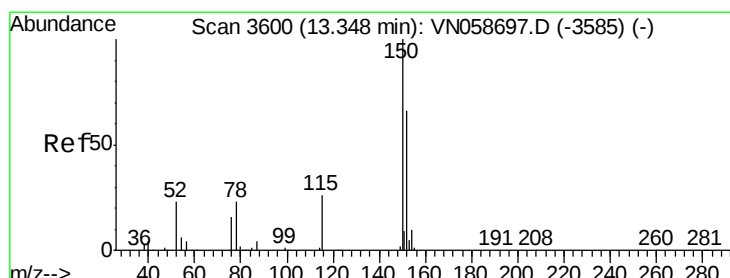
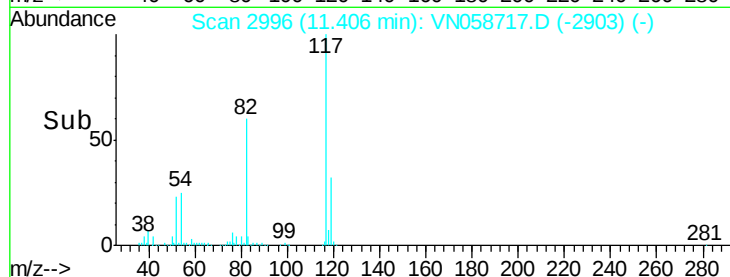
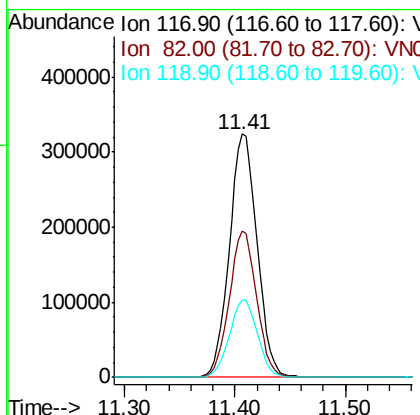
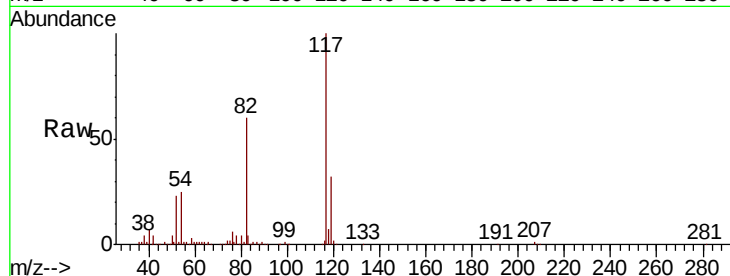
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7725

Tot Ion	Ratio	Resp	Lower	Upper
117	100	564059		
82	60.1		47.0	70.4
119	32.0		25.4	38.2

Manual Integrations
APPROVED

MMDadoda
10/16/2019 12:48:54 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058717.D
Acq: 11 Oct 2019 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	214048		
115	60.9		30.4	91.2
150	155.8		0.0	345.4

