

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058713.D
 Acq On : 11 Oct 2019 19:39
 Operator : JC/SP
 Sample : K5349-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

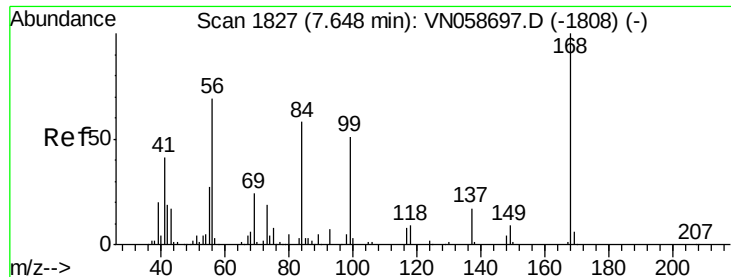
Quant Time: Oct 12 00:13:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	412713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	232564	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	299792	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
35) Dibromofluoromethane	7.57	113	213308	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
50) Toluene-d8	10.08	98	823369	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.41	95	272353	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1351	0.221	ug/l #	85
11) Tert butyl alcohol	4.75	59	280	0.299	ug/l #	72
16) Acetone	3.80	43	13125	5.487	ug/l	99
18) Methyl Acetate	4.04	43	14312	2.359	ug/l #	54
31) Cyclohexane	7.65	56	9403	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	35128	5.279	ug/l #	50
38) Carbon Tetrachloride	7.65	117	41758	6.439	ug/l #	17
71) Bromoform	12.41	173	1310	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	145996	28.616	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	145996	76.653	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058713.D

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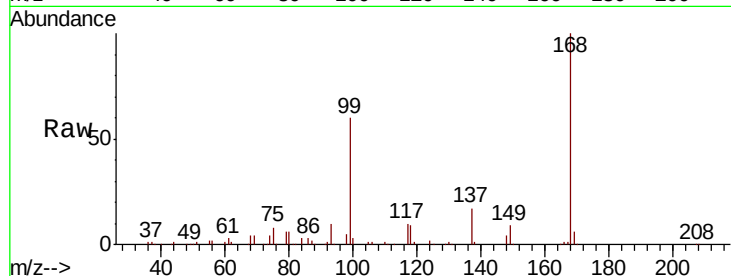
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 412713

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): VNO

7.65

200000

150000

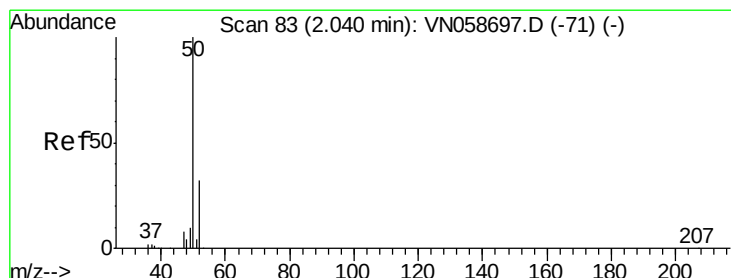
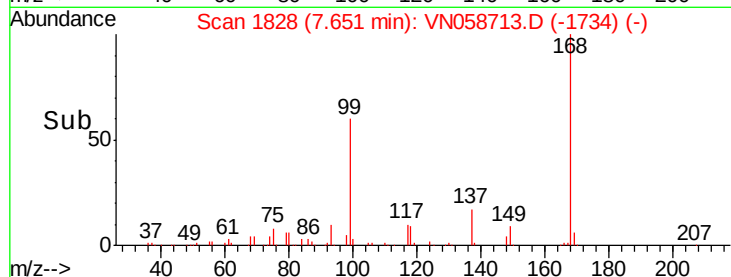
100000

50000

0

Time-->

7.60 7.70



#3

Chloromethane

Concen: 0.221 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058713.D

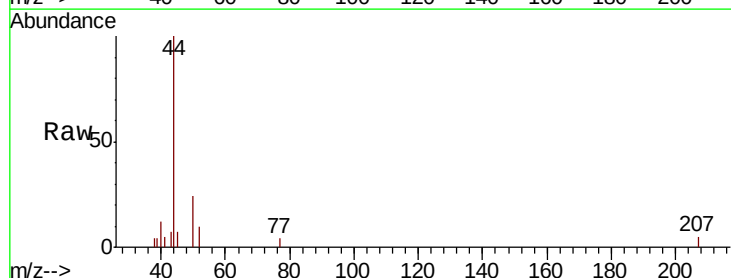
Acq: 11 Oct 2019 19:39

Tgt Ion: 50 Resp: 1351

Ion Ratio Lower Upper

50 100

52 40.5 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

1200

1000

800

600

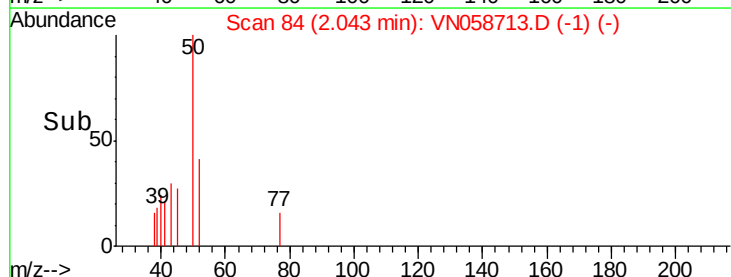
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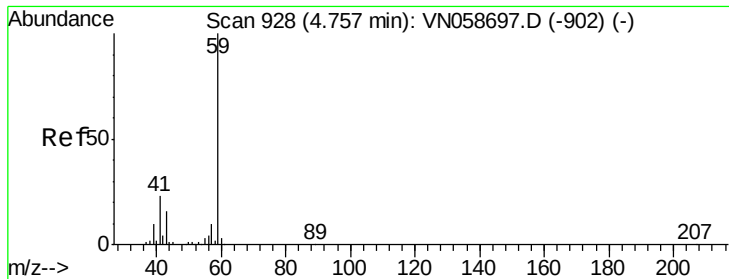
200

0

Time-->

2.00 2.02 2.04 2.06 2.08

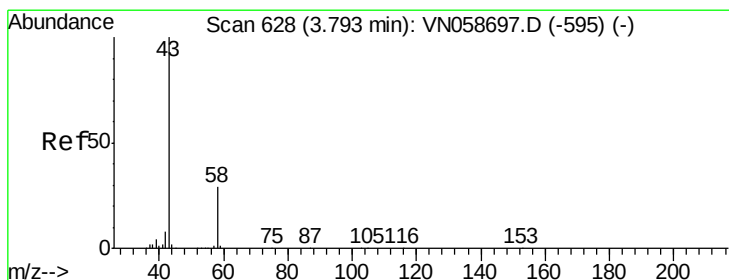
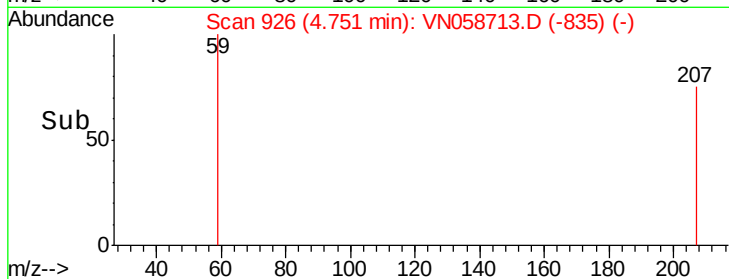
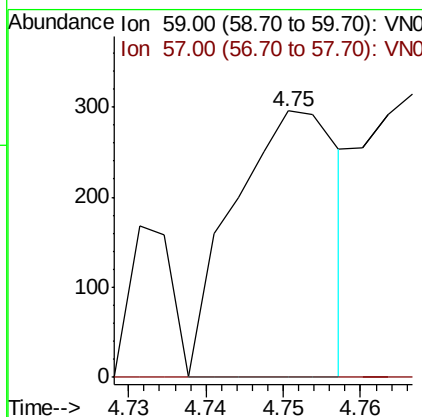
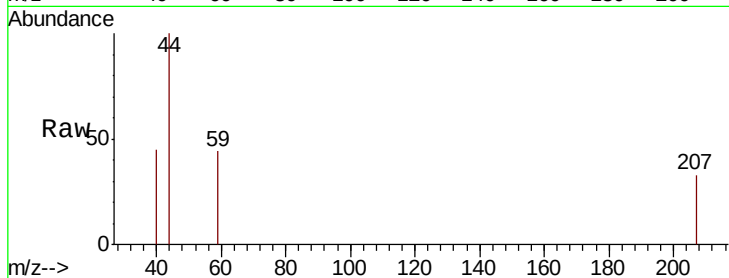




#11
Tert butyl alcohol
Concen: 0.299 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

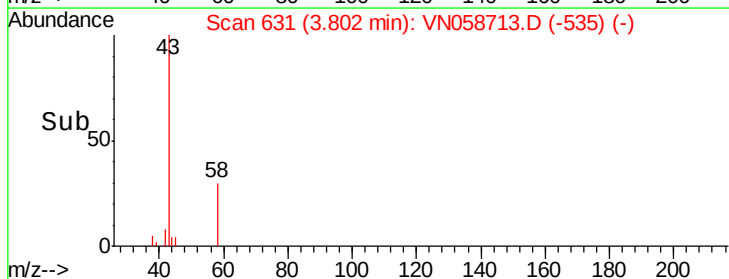
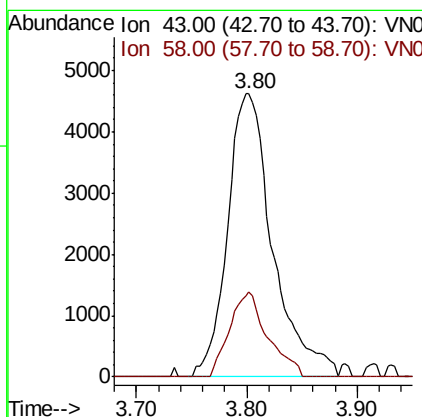
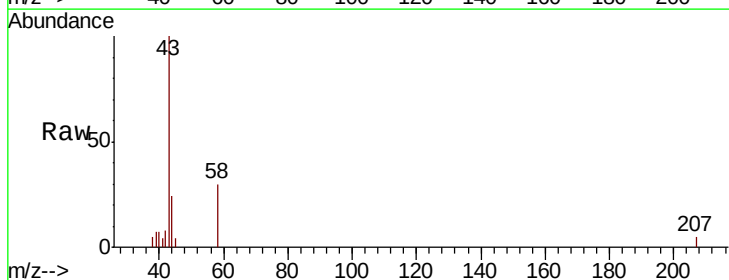
Instrument :
MSVOA_N
ClientSampled :

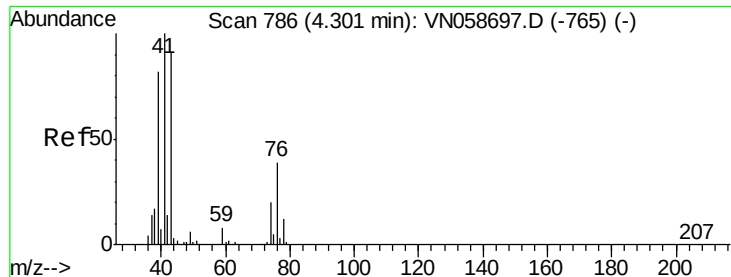
Tot Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#16
Acetone
Concen: 5.487 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

Tgt Ion: 43 Resp: 13125
Ion Ratio Lower Upper
43 100
58 29.8 23.3 34.9

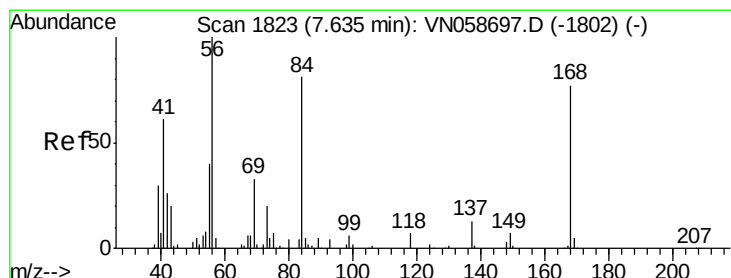
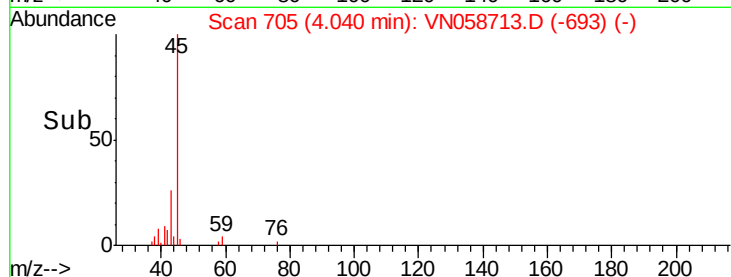
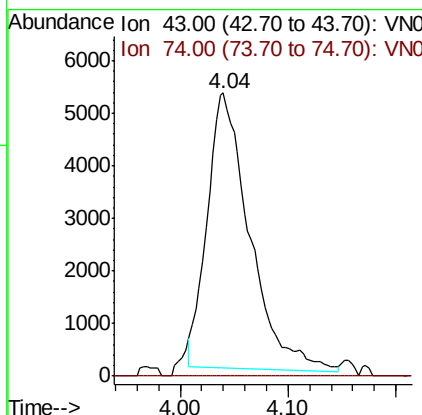
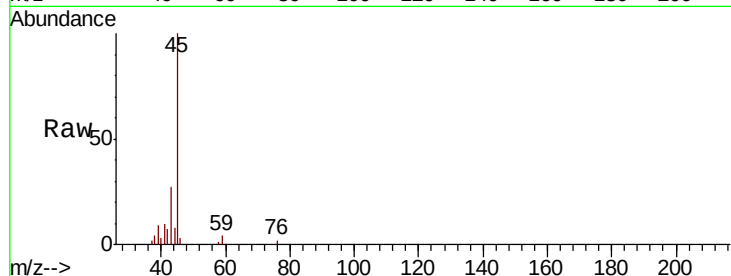




#18
Methvl Acetate
Concen: 2.359 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.26 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

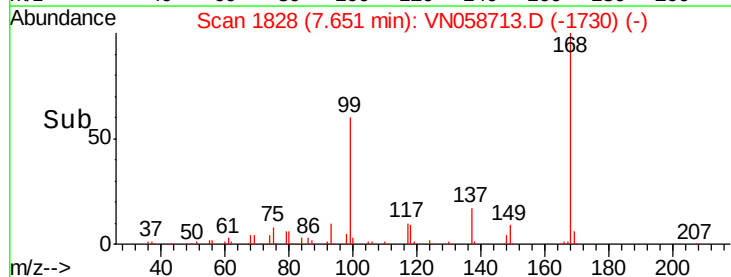
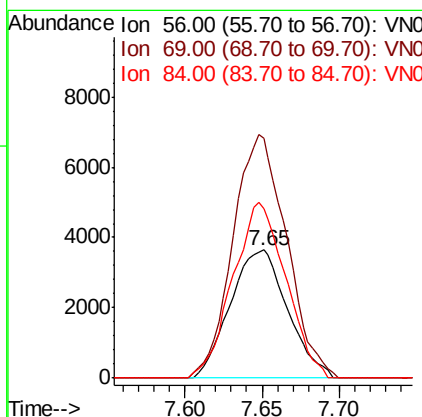
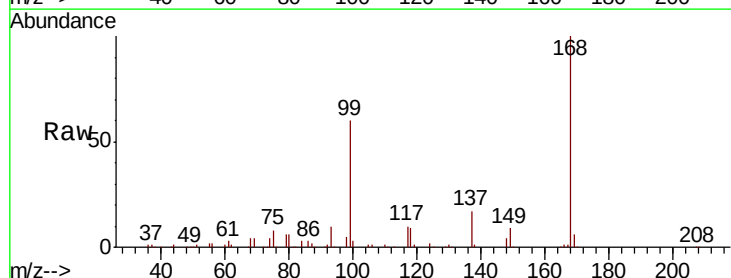
Instrument :
MSVOA_N
ClientSampleId :

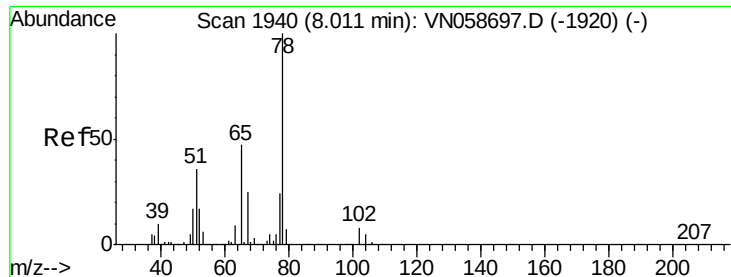
Tot Ion: 43 Resp: 14312
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

Tgt Ion: 56 Resp: 9403
Ion Ratio Lower Upper
56 100
69 187.9 26.2 39.4#
84 132.7 64.9 97.3#

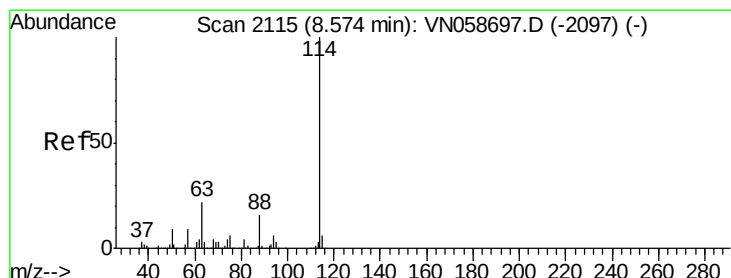
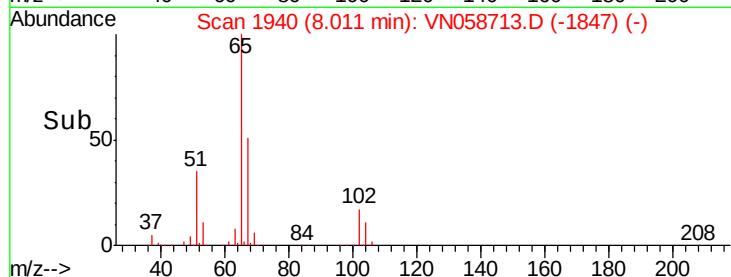
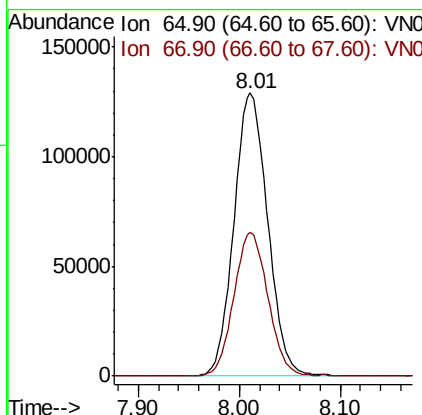
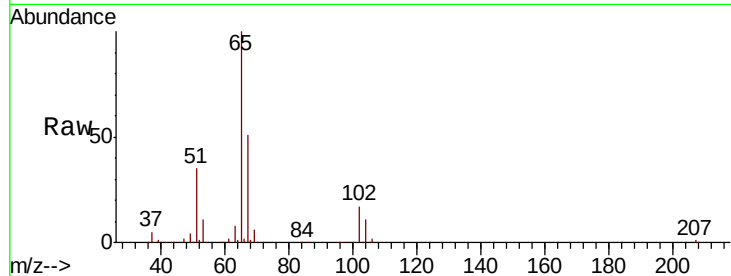




#33
 1,2-Dichloroethane-d4
 Concen: 51.886 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058713.D
 Acq: 11 Oct 2019 19:39

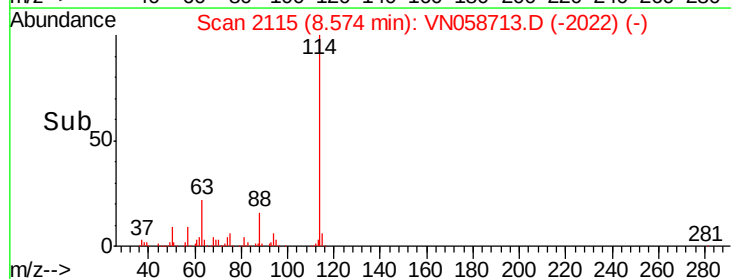
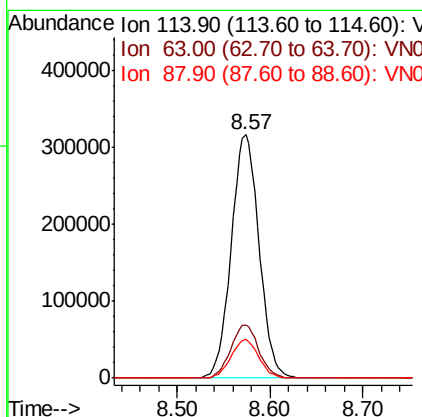
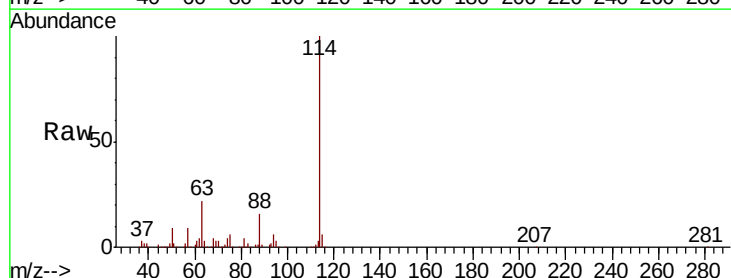
Instrument :
 MSVOA_N
 ClientSampled :

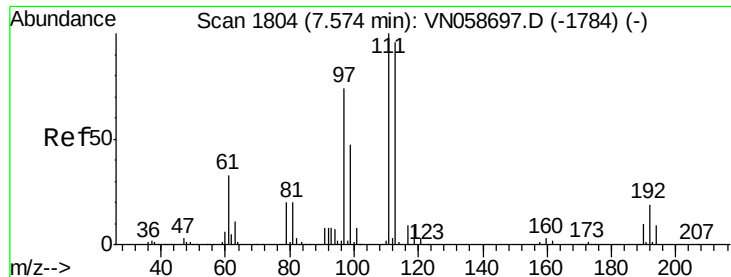
Tot Ion: 65 Resp: 299792
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058713.D
 Acq: 11 Oct 2019 19:39

Tgt Ion: 114 Resp: 658178
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 15.8 0.0 32.0

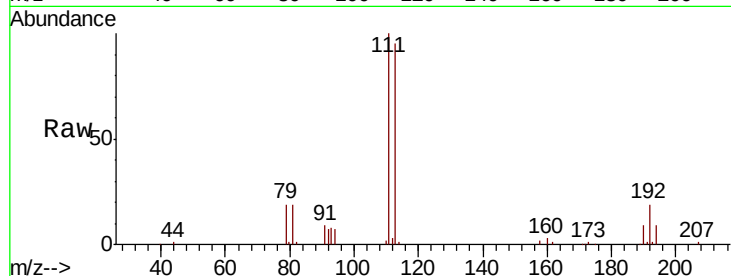




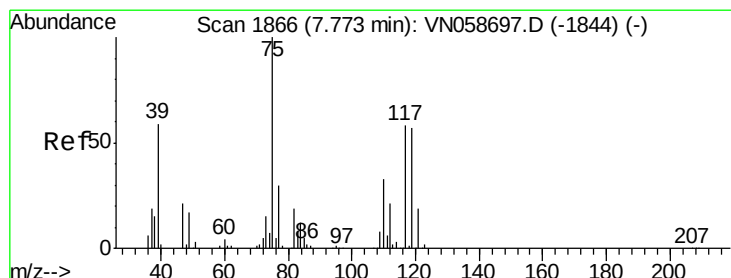
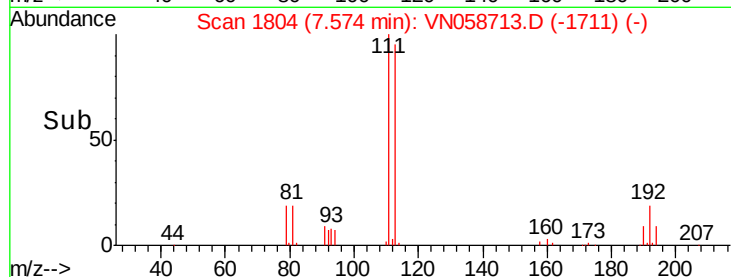
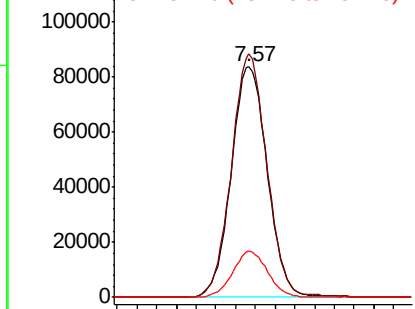
#35
Dibromofluoromethane
Concen: 52.469 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	19.4	15.0	22.6

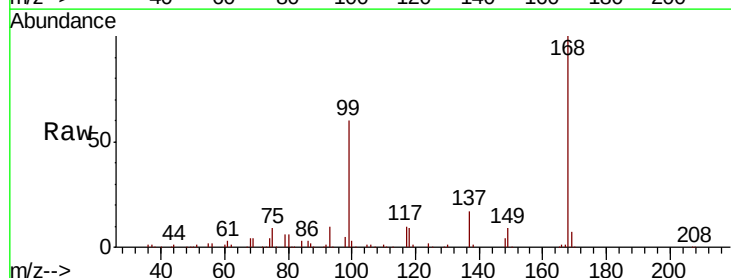


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

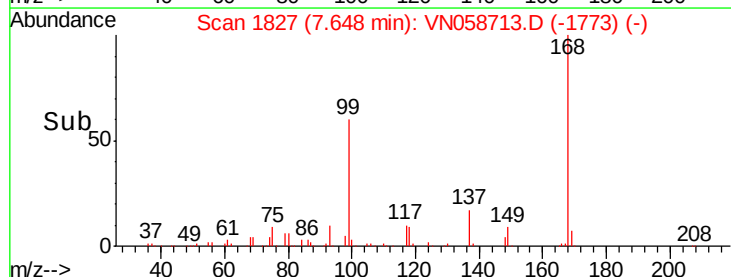
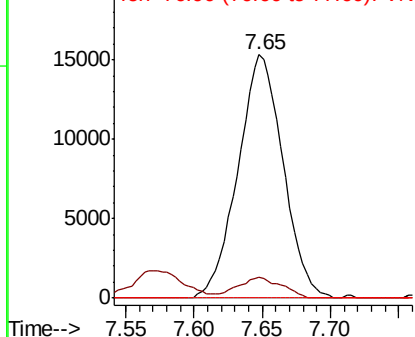


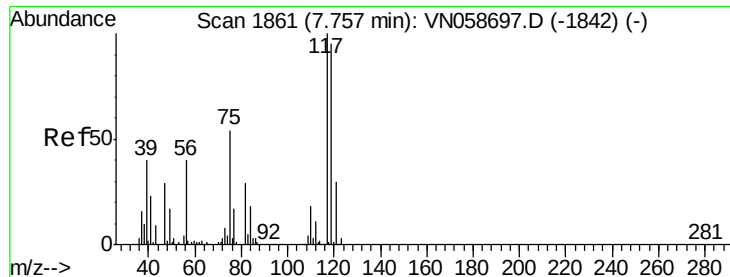
#36
1,1-Dichloropropene
Concen: 5.279 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.6	49.8#
77	0.0	24.6	37.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.439 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058713.D

Acq: 11 Oct 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

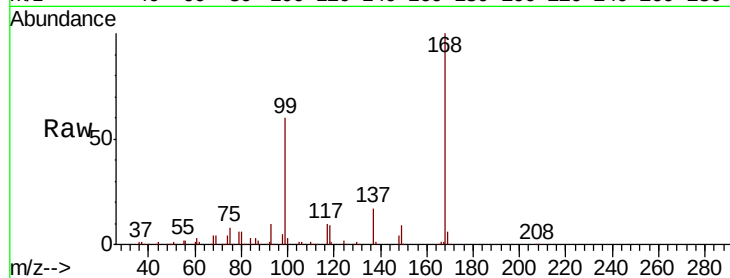
Tot Ion:117 Resp: 41758

Ion Ratio Lower Upper

117 100

119 5.9 75.7 113.5#

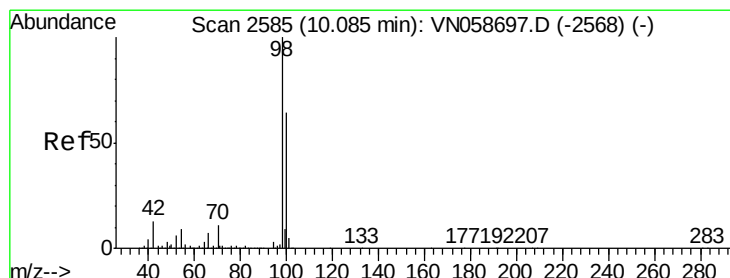
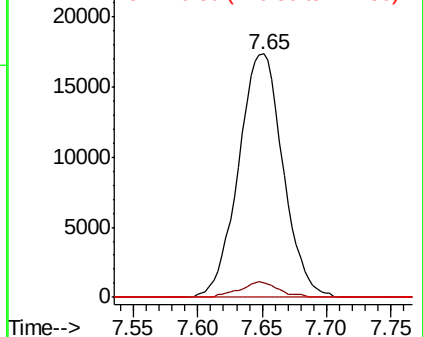
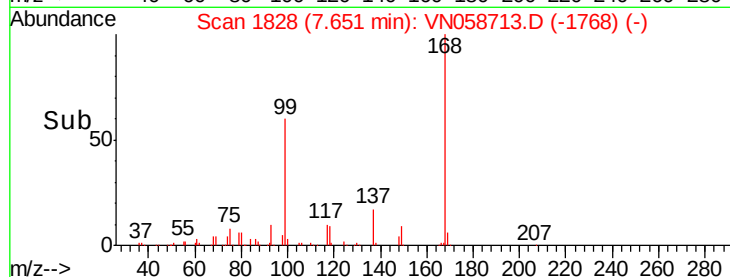
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.647 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058713.D

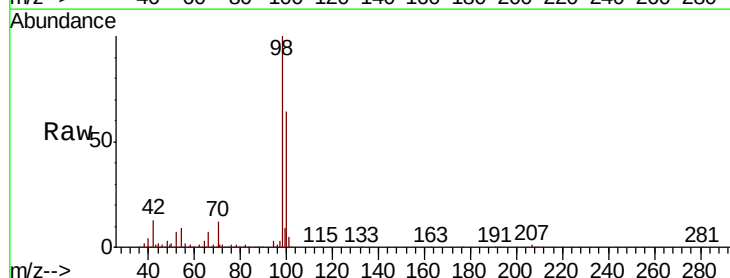
Acq: 11 Oct 2019 19:39

Tgt Ion: 98 Resp: 823369

Ion Ratio Lower Upper

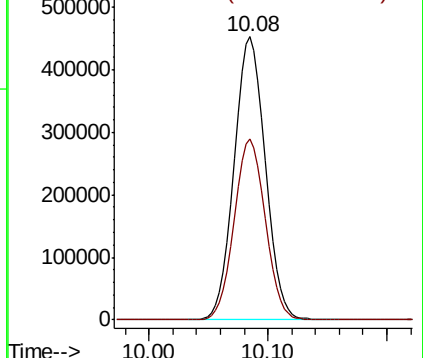
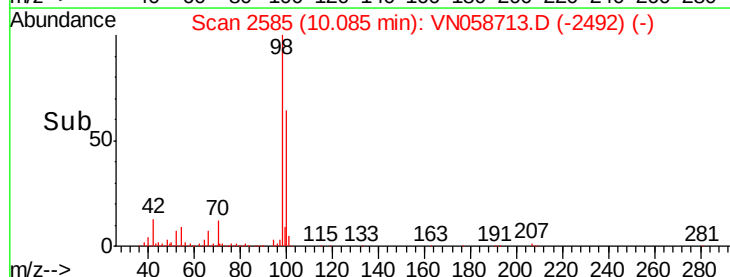
98 100

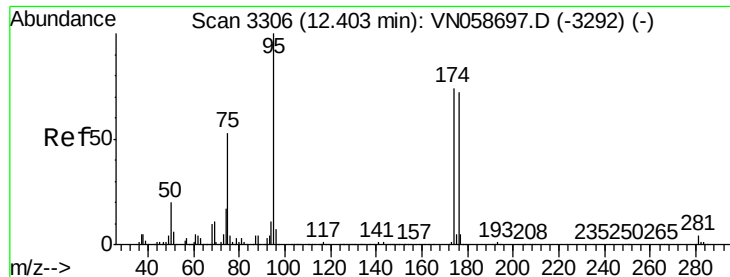
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

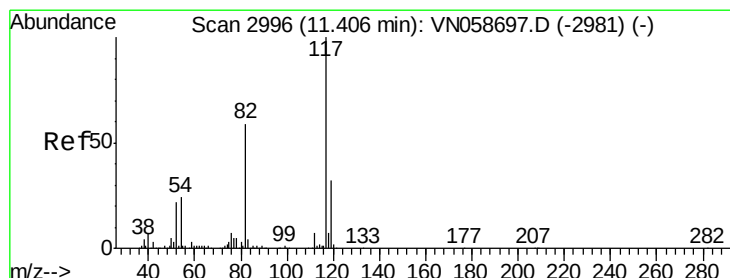
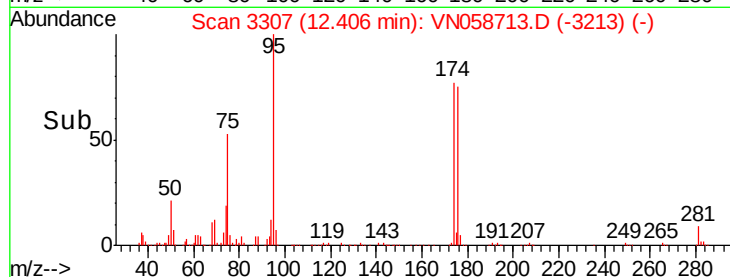
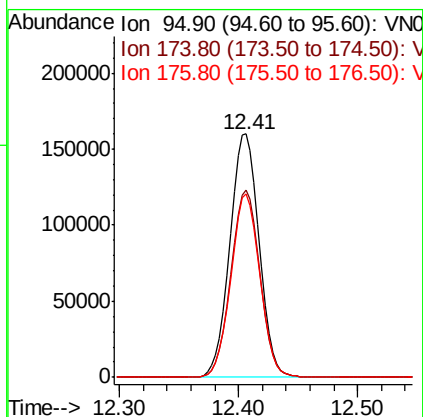
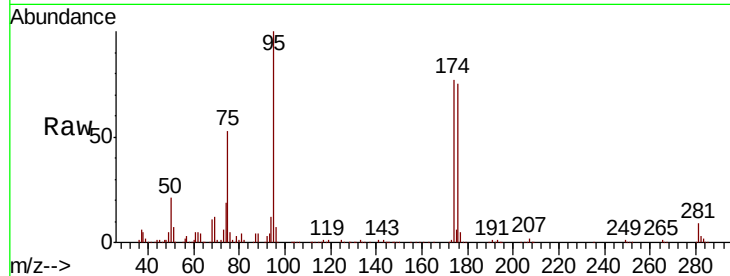




#62
4-Bromofluorobenzene
Concen: 44.258 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

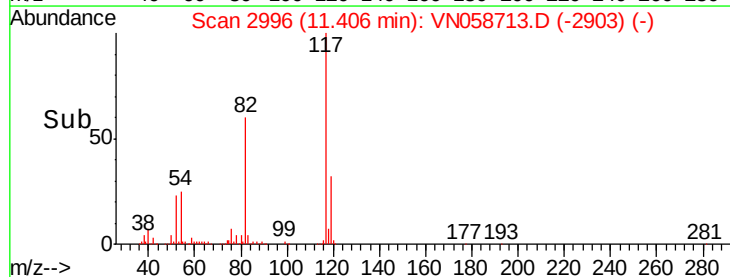
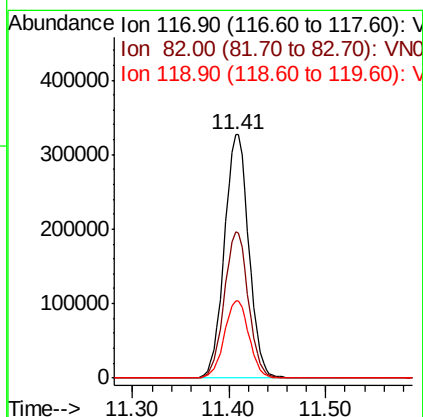
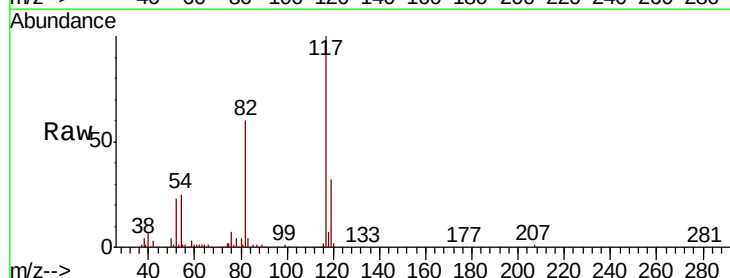
Instrument :
MSVOA_N
ClientSampleId :

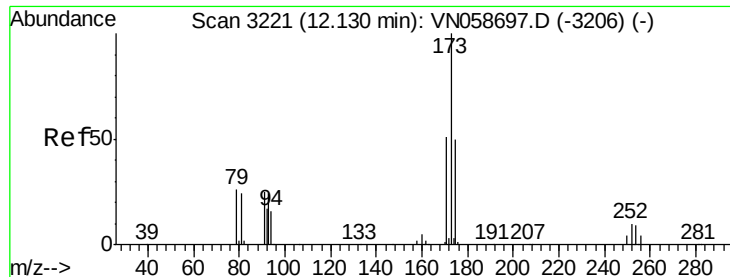
Tot Ion: 95 Resp: 272353
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 74.8 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058713.D
Acq: 11 Oct 2019 19:39

Tgt Ion: 117 Resp: 572272
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 31.7 25.4 38.2





#71

Bromoform

Concen: 0.416 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058713.D

Acq: 11 Oct 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

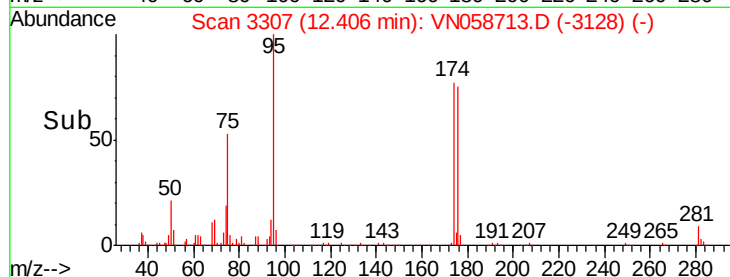
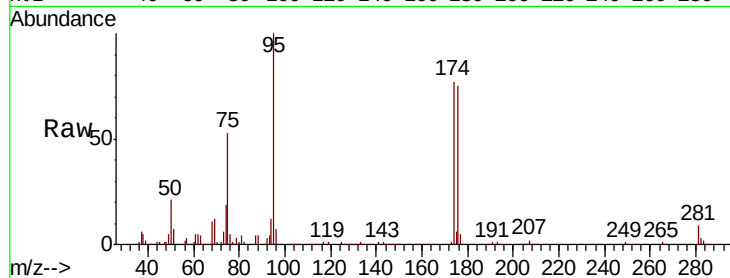
Tot Ion:173 Resp: 1310

Ion Ratio Lower Upper

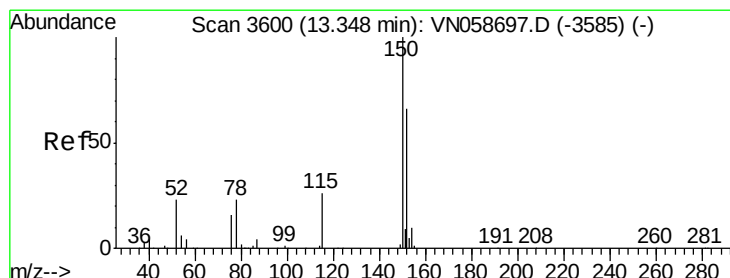
173 100

175 1033.5 24.6 73.8#

254 0.0 0.1 0.1#



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058713.D

Acq: 11 Oct 2019 19:39

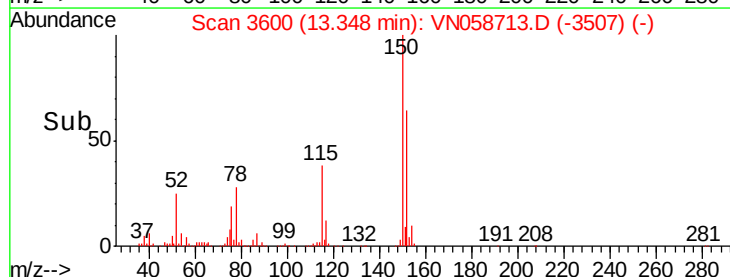
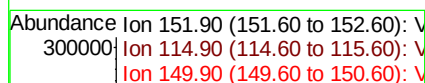
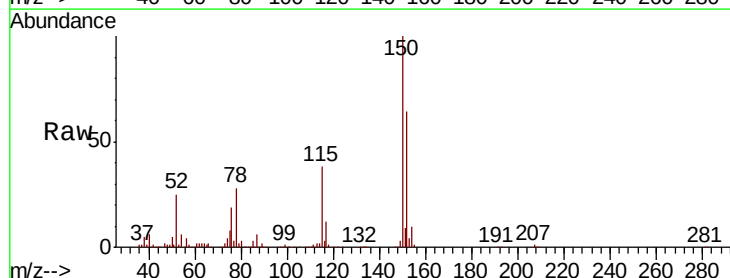
Tgt Ion:152 Resp: 232564

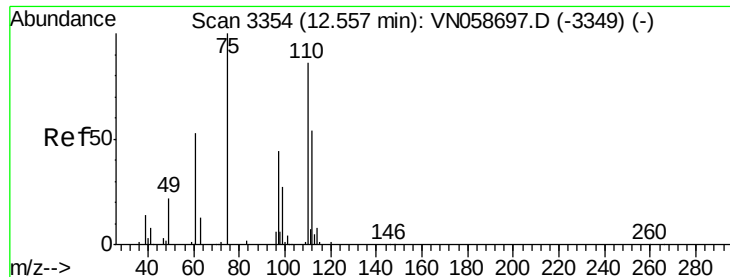
Ion Ratio Lower Upper

152 100

115 61.4 30.4 91.2

150 158.3 0.0 345.4

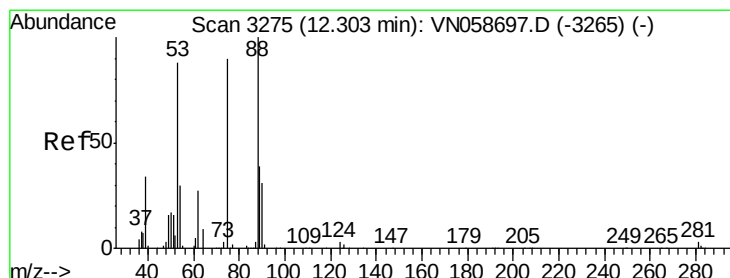
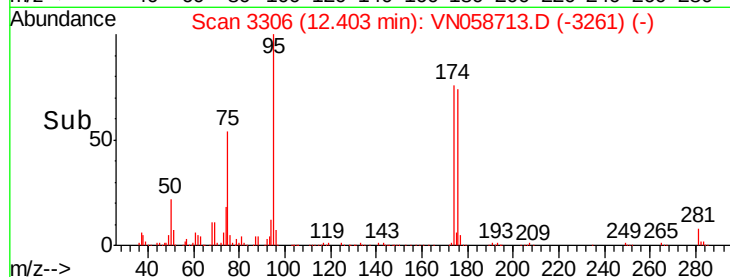
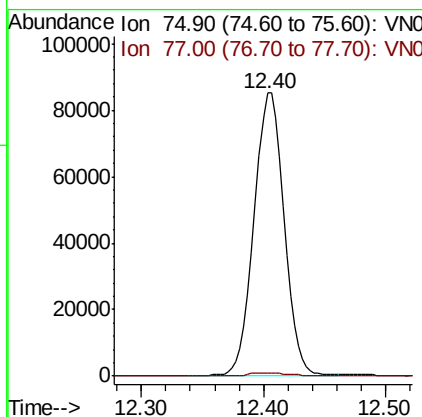
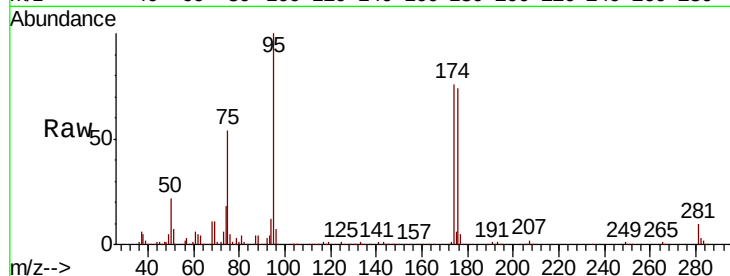




#76
 1,2,3-Trichloropropane
 Concen: 28.616 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058713.D
 Acq: 11 Oct 2019 19:39

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 145996
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.653 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058713.D
 Acq: 11 Oct 2019 19:39

Tgt Ion: 75 Resp: 145996
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.4 117.6#
 89 0.0 34.9 52.3#

