

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059172.D
 Acq On : 11 Nov 2019 19:20
 Operator : JC/SP
 Sample : K5760-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Quant Time: Nov 12 00:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	563977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	273263	54.84	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.57	113	206767	54.15	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.08	98	786179	52.27	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	249206	45.96	ug/l	0.00
Spiked Amount						

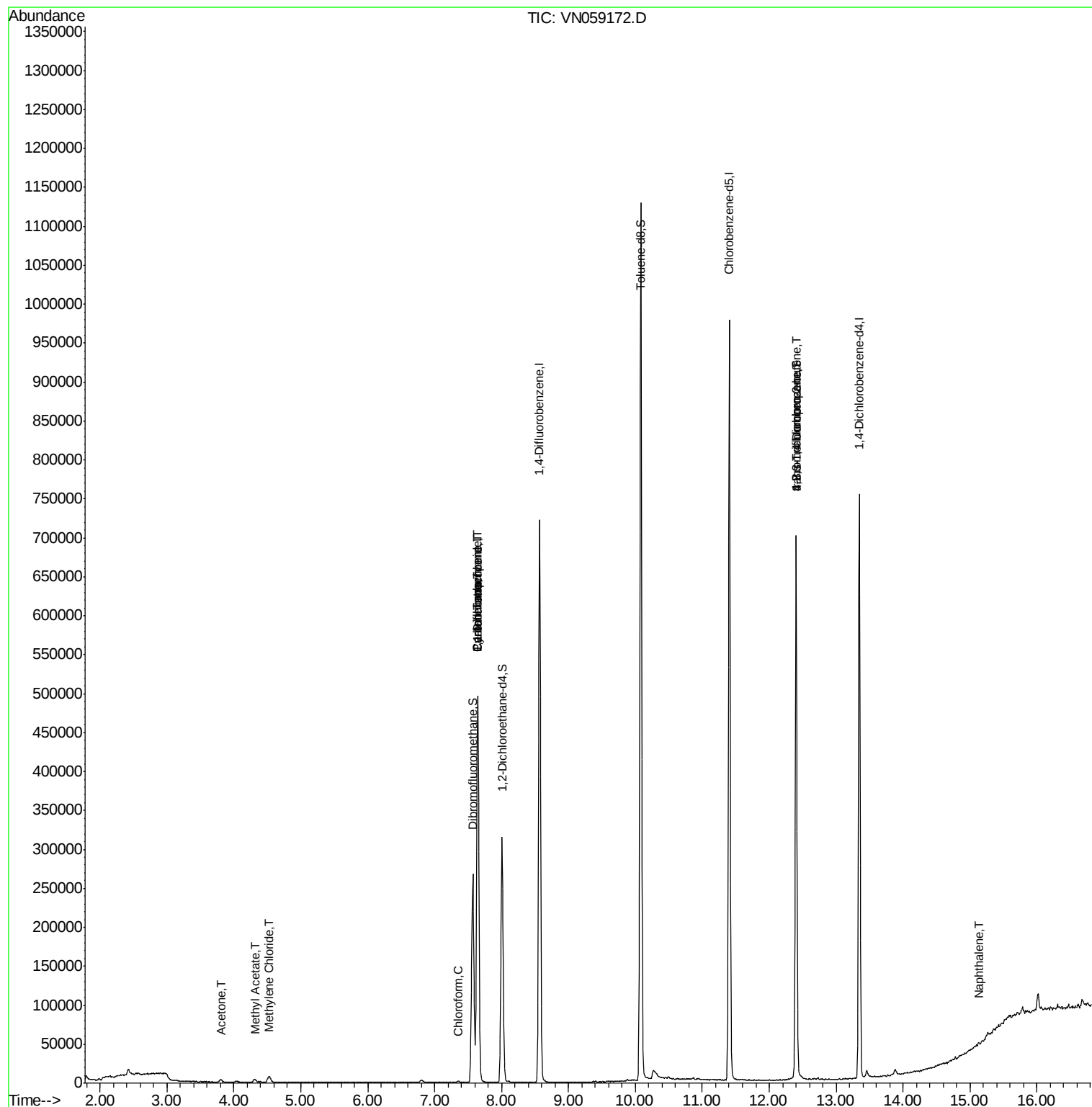
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	5118	1.975	ug/l	98
18) Methyl Acetate	4.31	43	8305	1.350	ug/l #	64
20) Methylene Chloride	4.52	84	6207	1.375	ug/l	94
30) Chloroform	7.35	83	1951	0.248	ug/l	95
31) Cyclohexane	7.64	56	8412	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	32053	5.363	ug/l #	50
38) Carbon Tetrachloride	7.64	117	38591	6.487	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	127929	27.971	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	127929	73.878	ug/l #	13
95) Naphthalene	15.13	128	257	3.068	ug/l #	70

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

Instrument :

MSVOA_N

ClientSampleId :

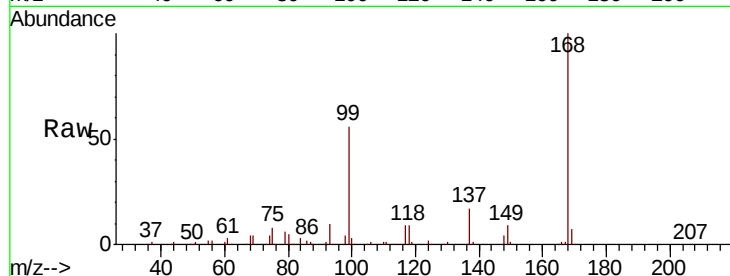
3425

Tot Ion:168 Resp: 405396

Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059172.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059172.D (-1733) (-)

7.64

150000

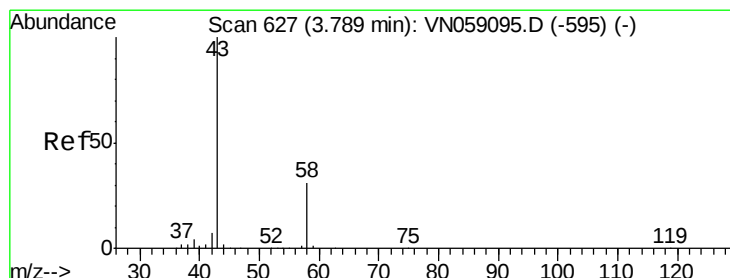
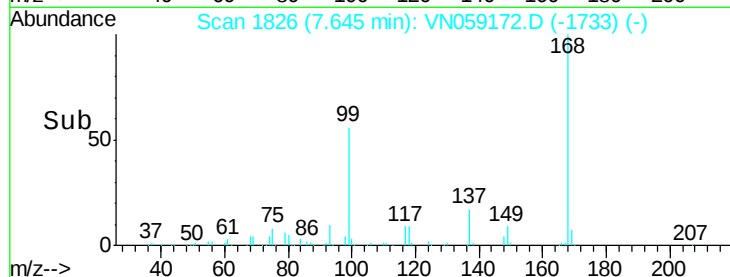
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 1.975 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059172.D

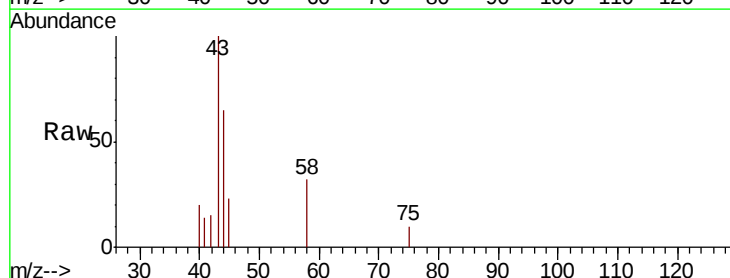
Acq: 11 Nov 2019 19:20

Tgt Ion: 43 Resp: 5118

Ion Ratio Lower Upper

43 100

58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059172.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059172.D (-534) (-)

3.80

1500

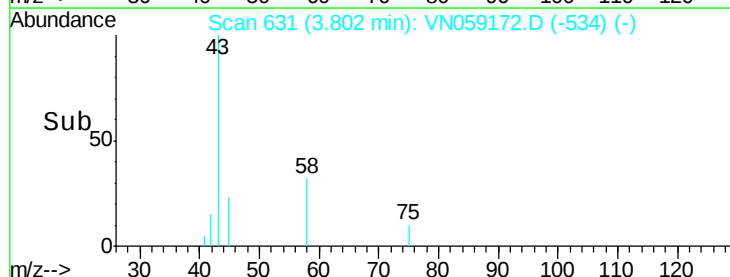
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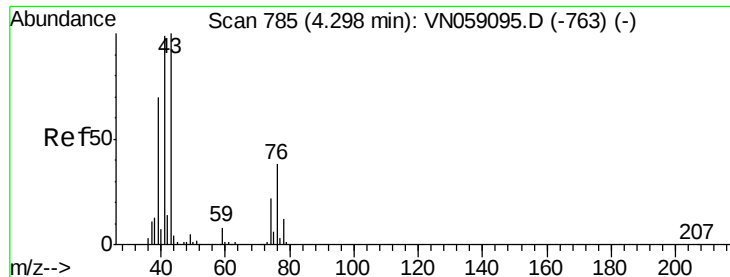
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

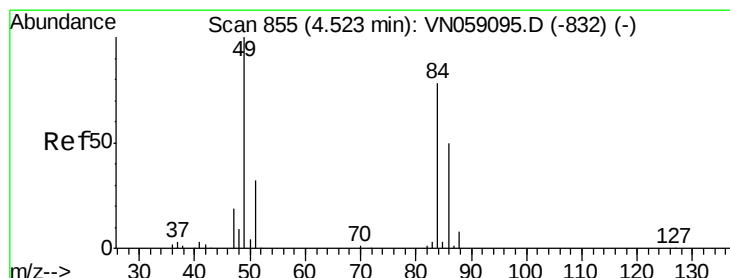
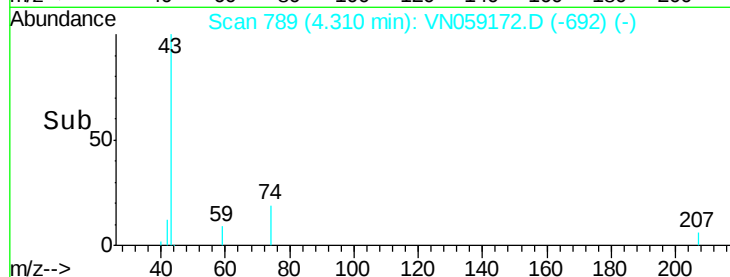
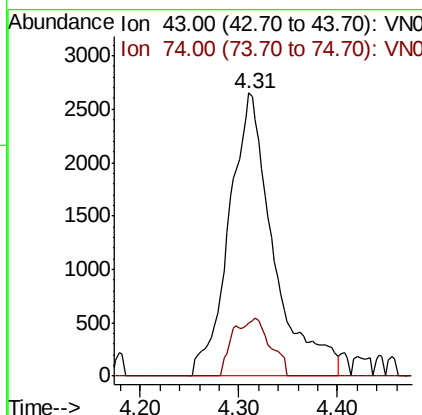
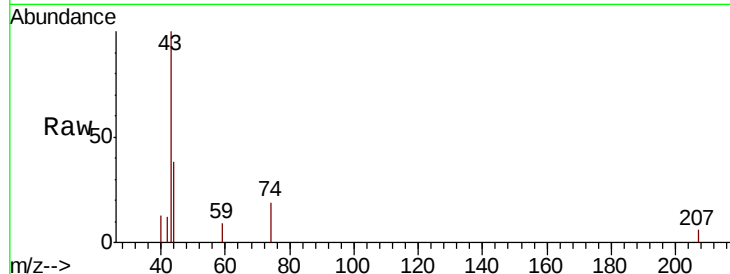




#18
Methyl Acetate
Concen: 1.350 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059172.D
Acq: 11 Nov 2019 19:20

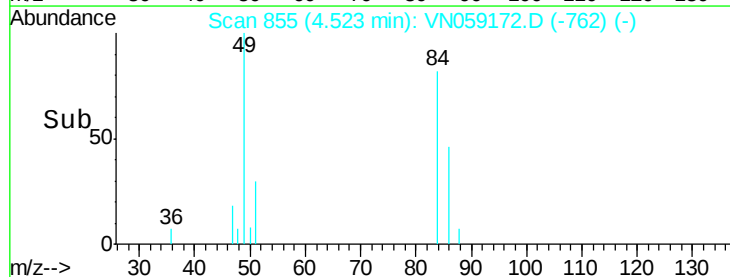
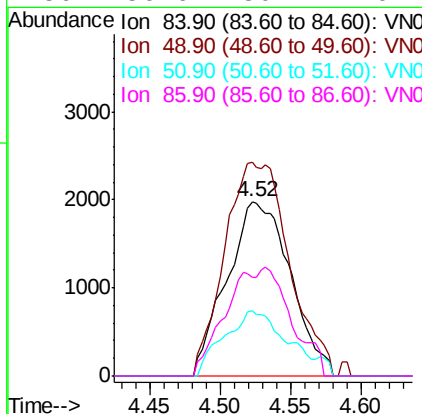
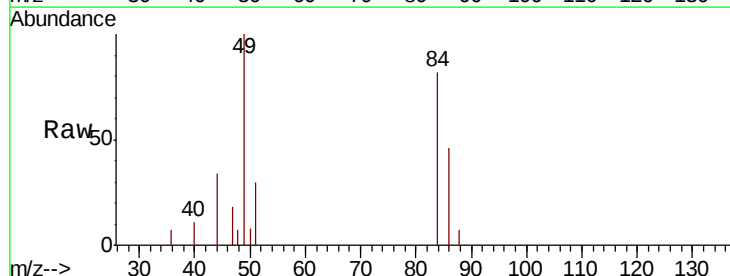
Instrument :
MSVOA_N
ClientSampled :
3425

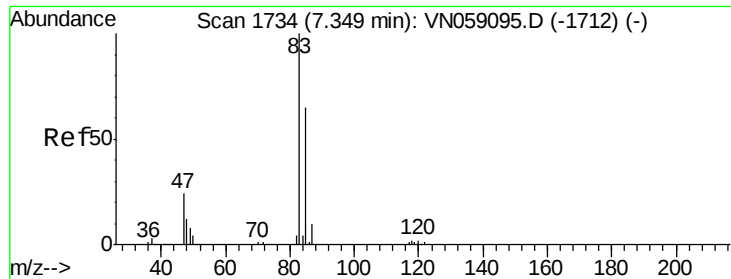
Tot Ion: 43 Resp: 8305
Ion Ratio Lower Upper
43 100
74 4.9 17.8 26.8#



#20
Methylene Chloride
Concen: 1.375 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059172.D
Acq: 11 Nov 2019 19:20

Tgt Ion: 84 Resp: 6207
Ion Ratio Lower Upper
84 100
49 122.3 102.0 153.0
51 37.1 32.2 48.2
86 56.6 50.7 76.1

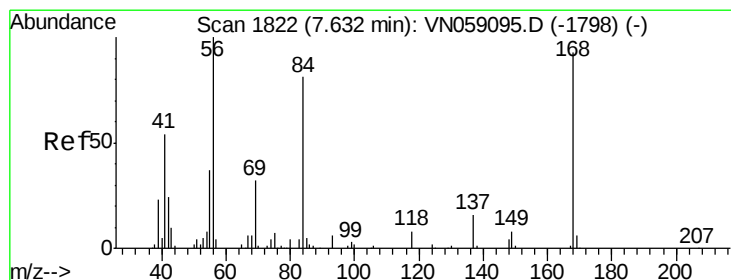
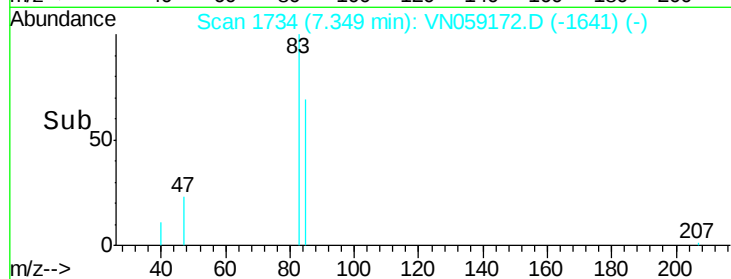
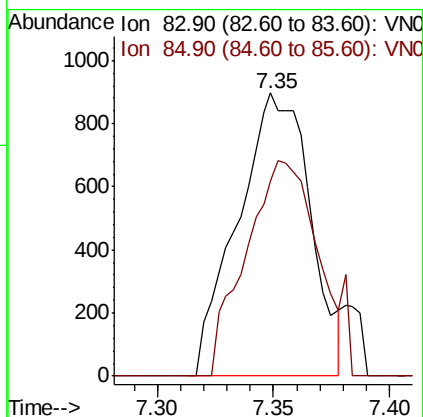
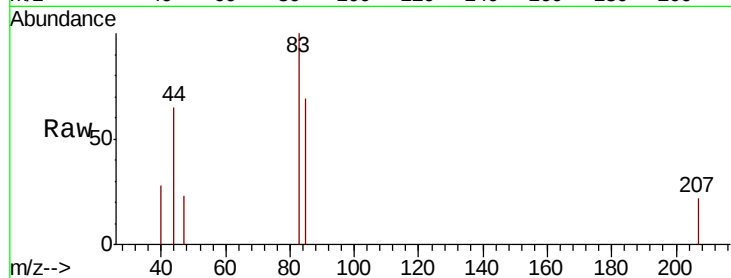




#30
Chloroform
Concen: 0.248 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059172.D
Acq: 11 Nov 2019 19:20

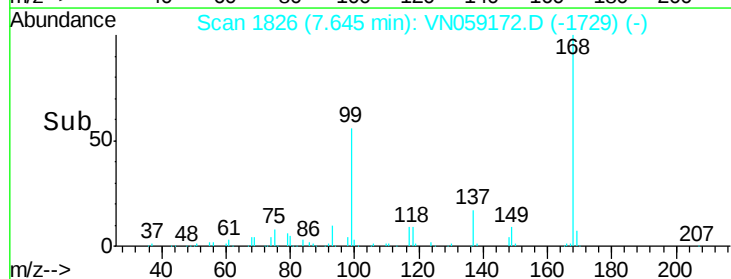
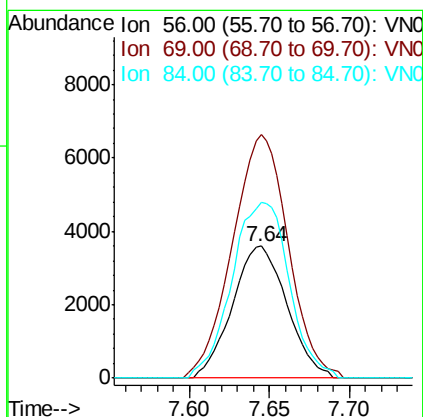
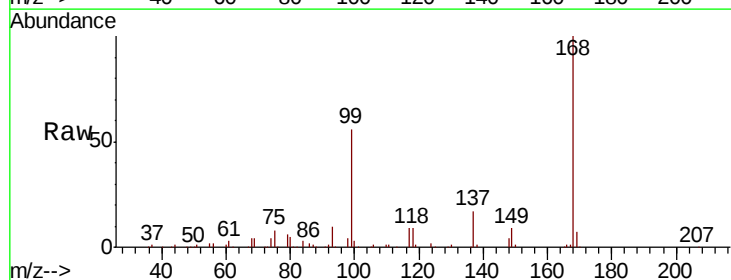
Instrument :
MSVOA_N
ClientSampled :
3425

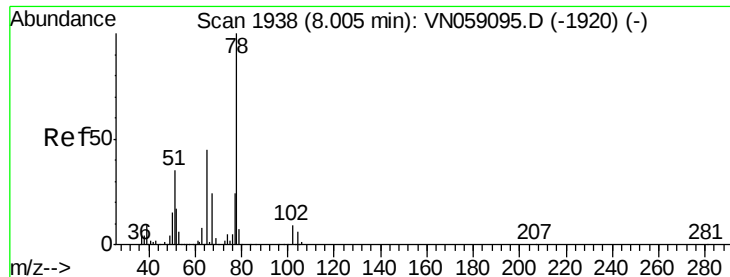
Tot Ion: 83 Resp: 1951
Ion Ratio Lower Upper
83 100
85 68.8 51.8 77.8



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059172.D
Acq: 11 Nov 2019 19:20

Tgt Ion: 56 Resp: 8412
Ion Ratio Lower Upper
56 100
69 180.6 25.8 38.8#
84 133.5 65.0 97.4#

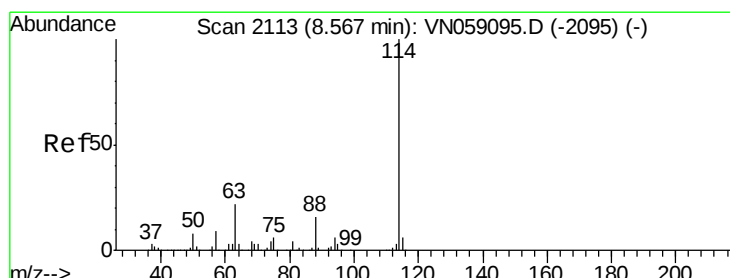
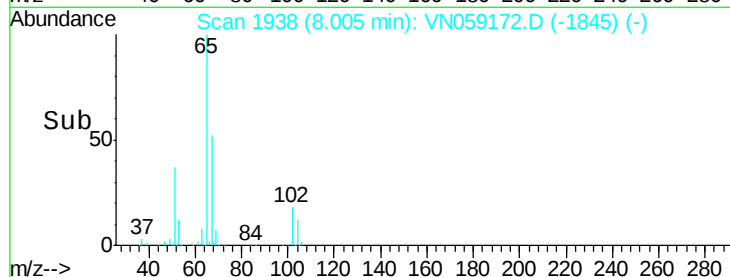
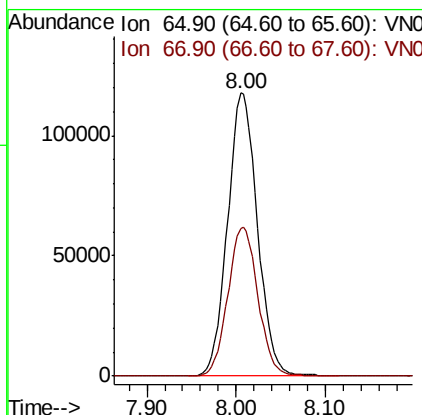
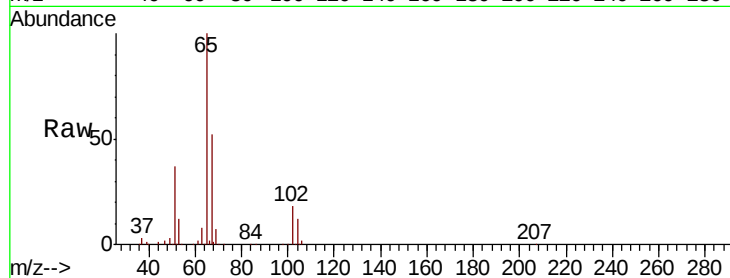




#33
 1,2-Dichloroethane-d4
 Concen: 54.835 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059172.D
 Acq: 11 Nov 2019 19:20

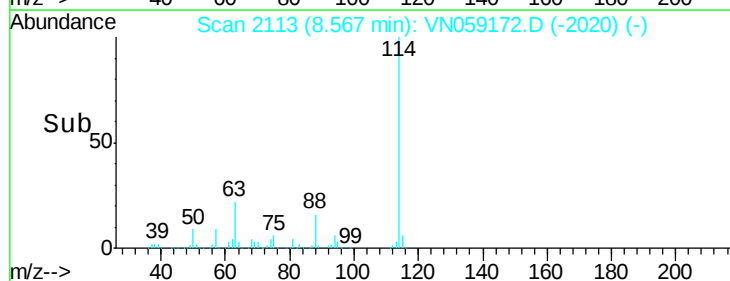
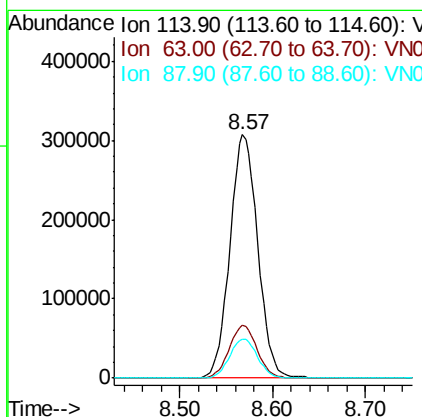
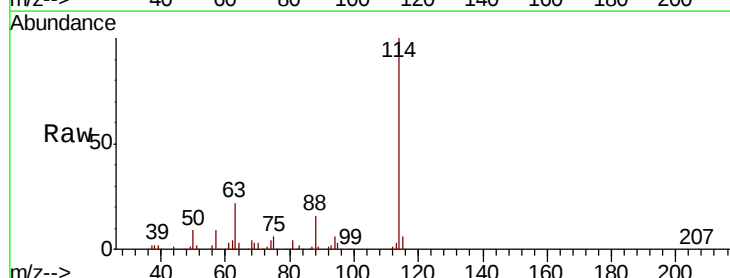
Instrument :
 MSVOA_N
 ClientSampled :
 3425

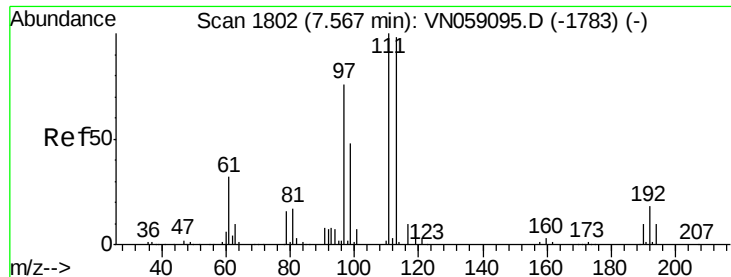
Tot Ion: 65 Resp: 273263
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059172.D
 Acq: 11 Nov 2019 19:20

Tgt Ion: 114 Resp: 639462
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 16.2 0.0 32.2

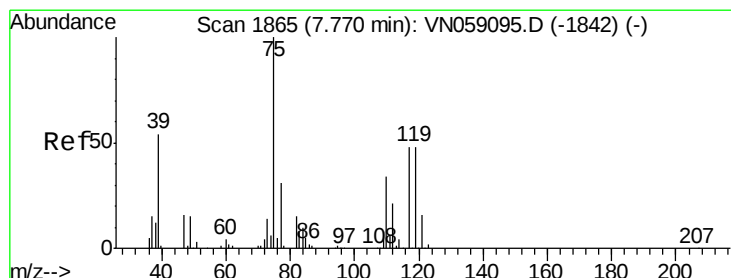
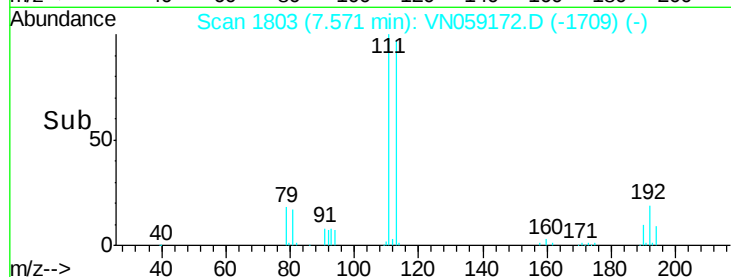
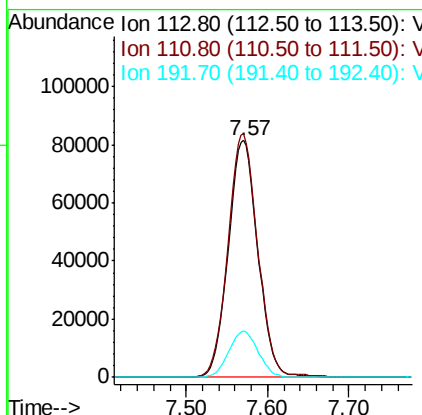
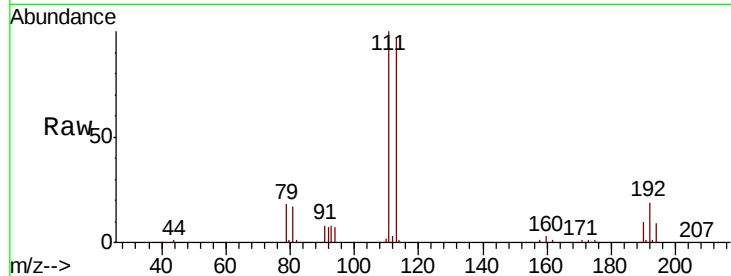




#35
 Dibromofluoromethane
 Concen: 54.153 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059172.D
 Acq: 11 Nov 2019 19:20

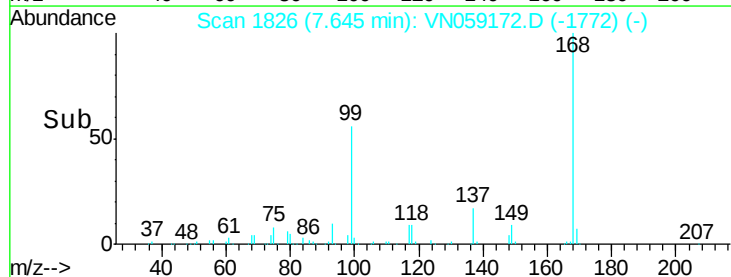
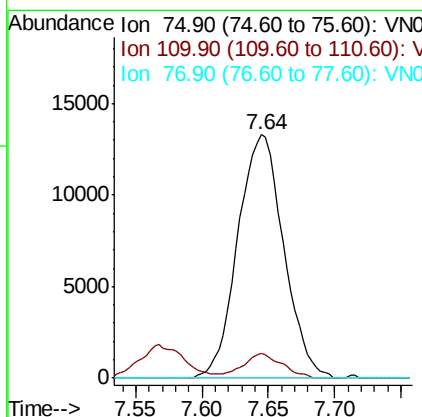
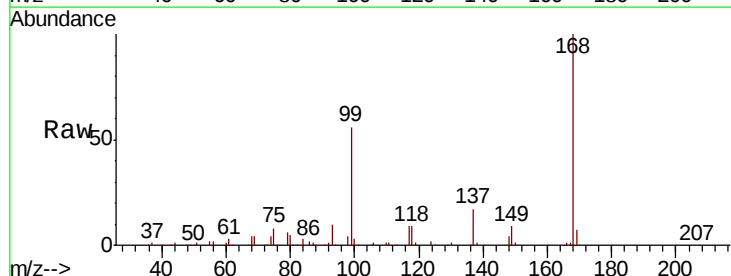
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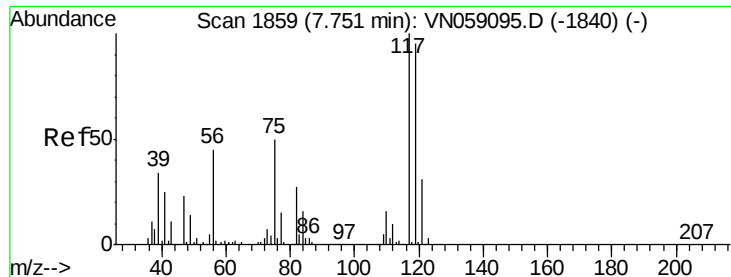
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	19.5	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.363 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059172.D
 Acq: 11 Nov 2019 19:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

Instrument :

MSVOA_N

ClientSampled :

3425

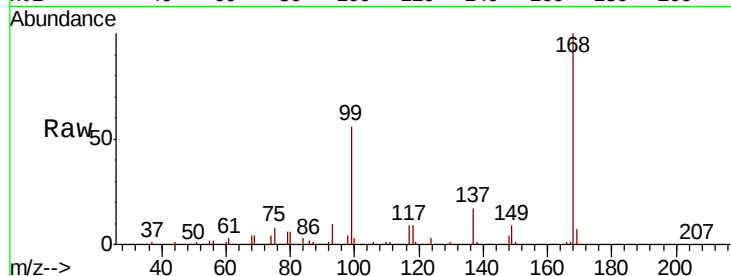
Tot Ion:117 Resp: 38591

Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

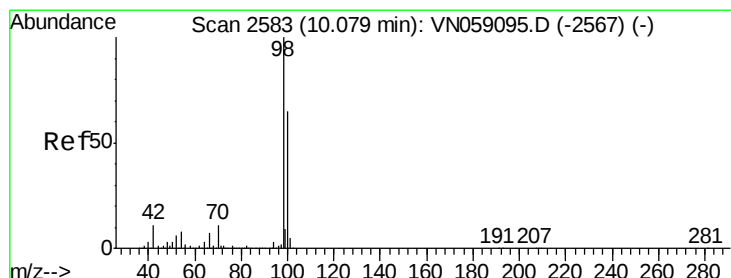
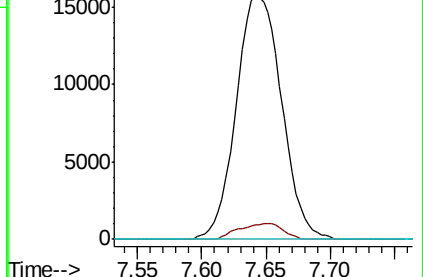
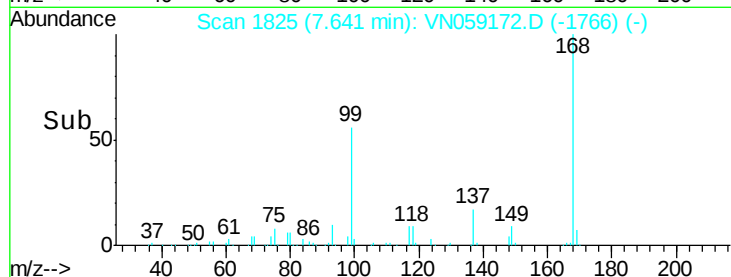
121 0.0 24.6 36.8#



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: 52.274 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059172.D

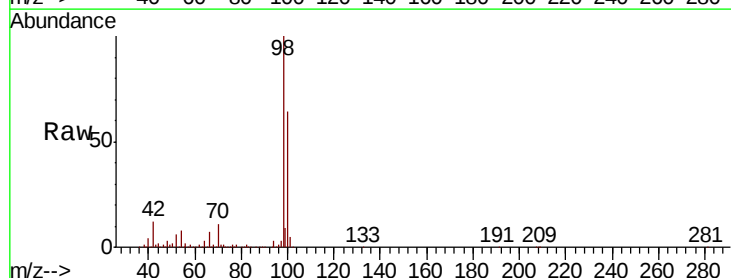
Acq: 11 Nov 2019 19:20

Tgt Ion: 98 Resp: 786179

Ion Ratio Lower Upper

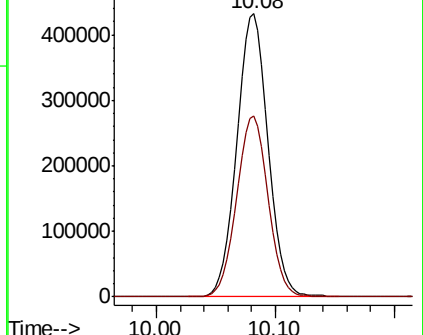
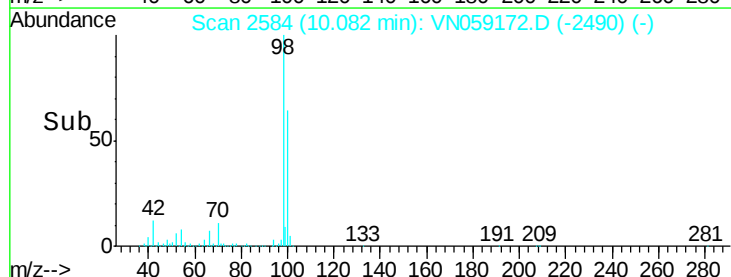
98 100

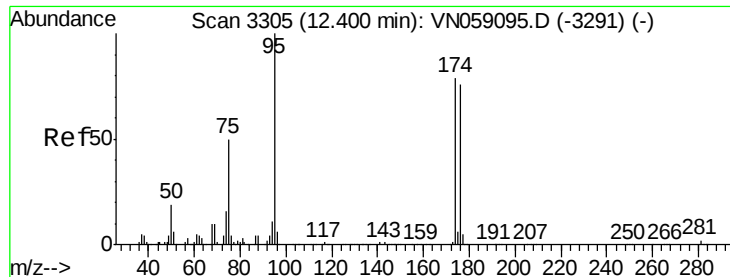
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.956 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

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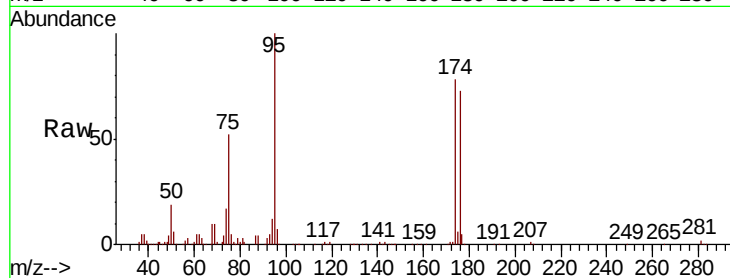
Tot Ion: 95 Resp: 249206

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.2

176 75.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059172.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059172.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059172.D (-3212) (-)

12.40

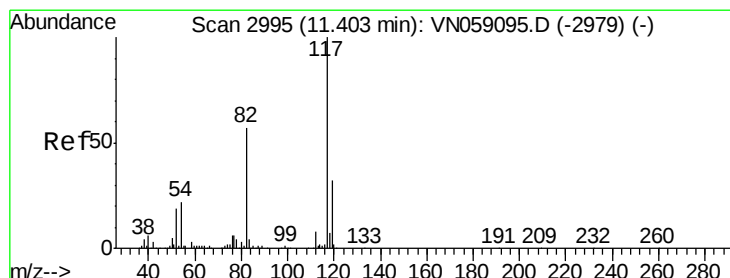
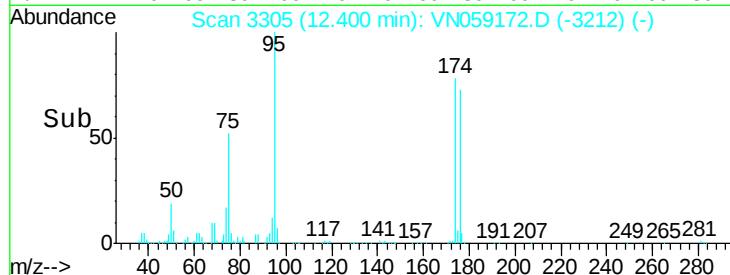
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

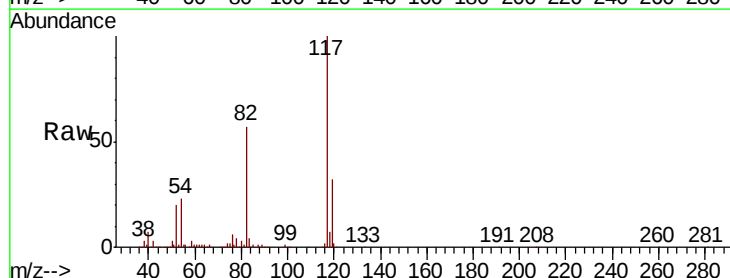
Tgt Ion: 117 Resp: 563977

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059172.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059172.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059172.D (-2902) (-)

11.40

400000

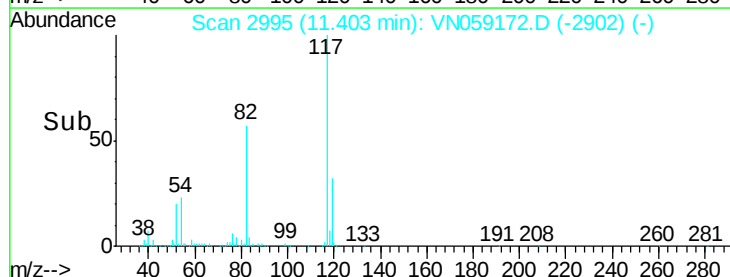
300000

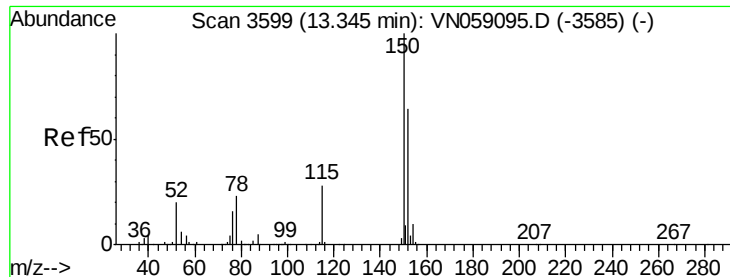
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

Instrument :

MSVOA_N

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3425

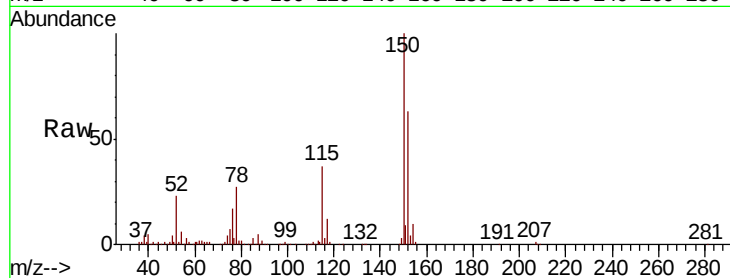
Tot Ion:152 Resp: 200895

Ion Ratio Lower Upper

152 100

115 59.8 29.4 88.2

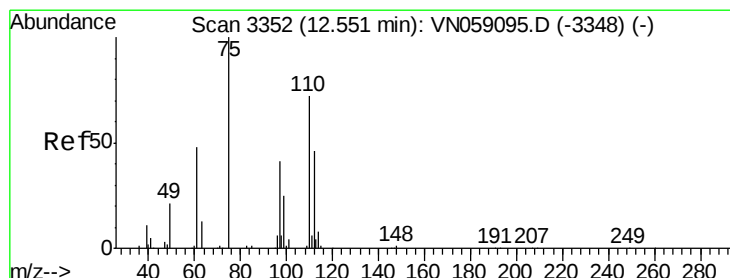
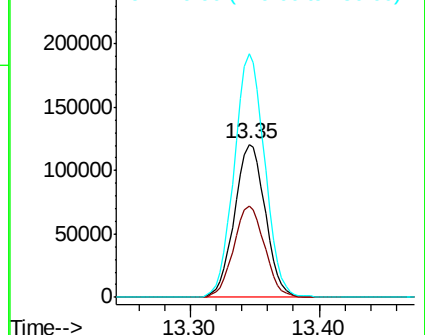
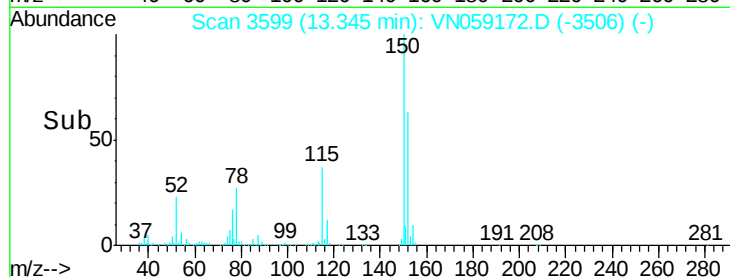
150 157.6 0.0 345.8



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: 27.971 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059172.D

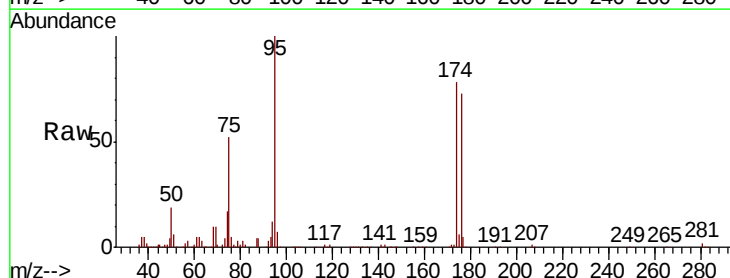
Acq: 11 Nov 2019 19:20

Tgt Ion: 75 Resp: 127929

Ion Ratio Lower Upper

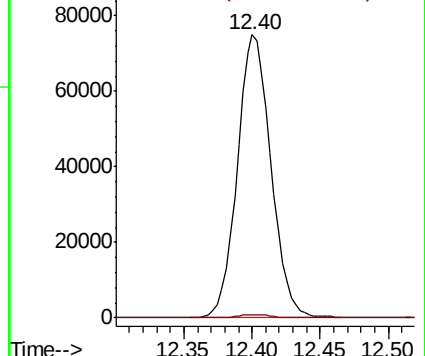
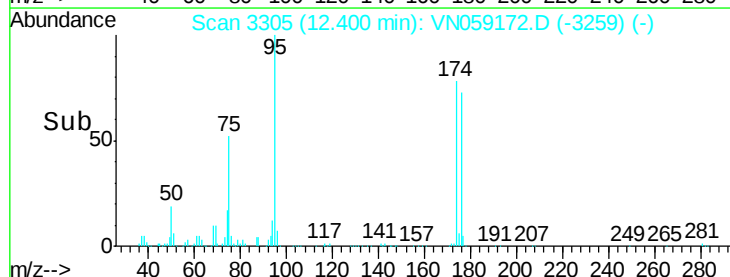
75 100

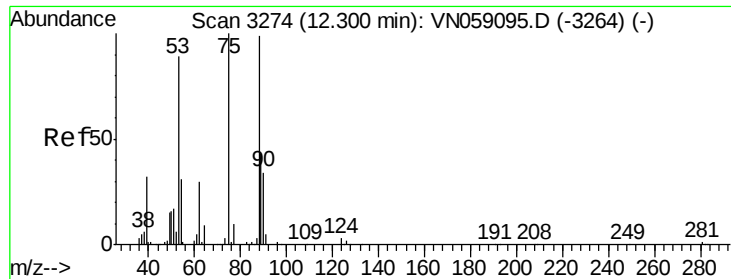
77 1.2 0.0 0.0#



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: 73.878 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

Instrument :

MSVOA_N

ClientSampleId :

3425

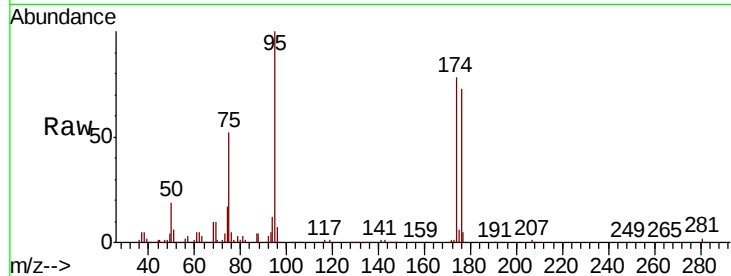
Tot Ion: 75 Resp: 127929

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

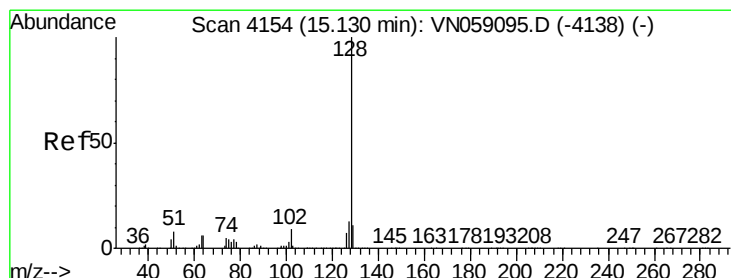
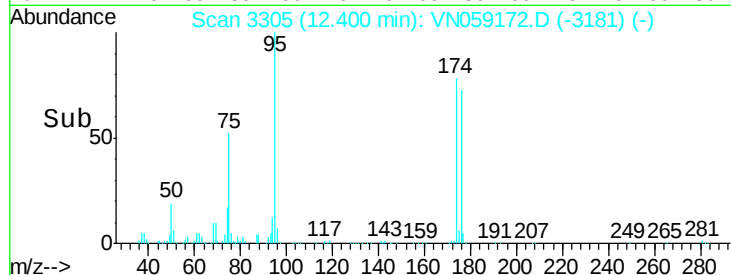
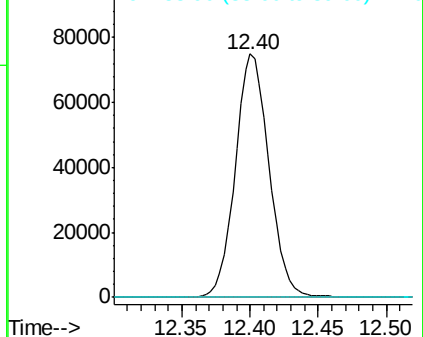
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059172.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN059172.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN059172.D (-3181) (-)



#95

Naphthalene

Concen: 3.068 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059172.D

Acq: 11 Nov 2019 19:20

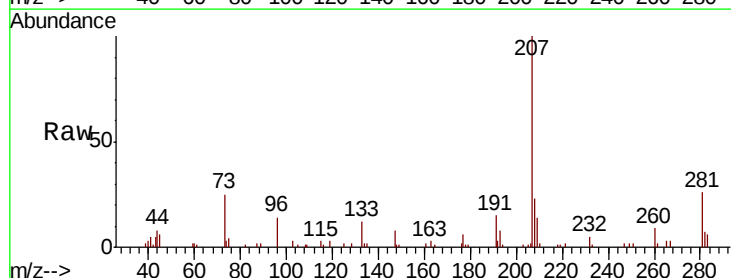
Tgt Ion: 128 Resp: 257

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN059172.D (-4060) (-)

Ion 127.00 (126.70 to 127.70): VN059172.D (-4060) (-)

Ion 129.00 (128.70 to 129.70): VN059172.D (-4060) (-)

