

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059002.D
 Acq On : 29 Oct 2019 12:05
 Operator : JC/SP
 Sample : K5587-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 03:55:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	400783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	625492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207736	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	271688	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
35) Dibromofluoromethane	7.57	113	203228	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	10.08	98	796380	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	251898	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	

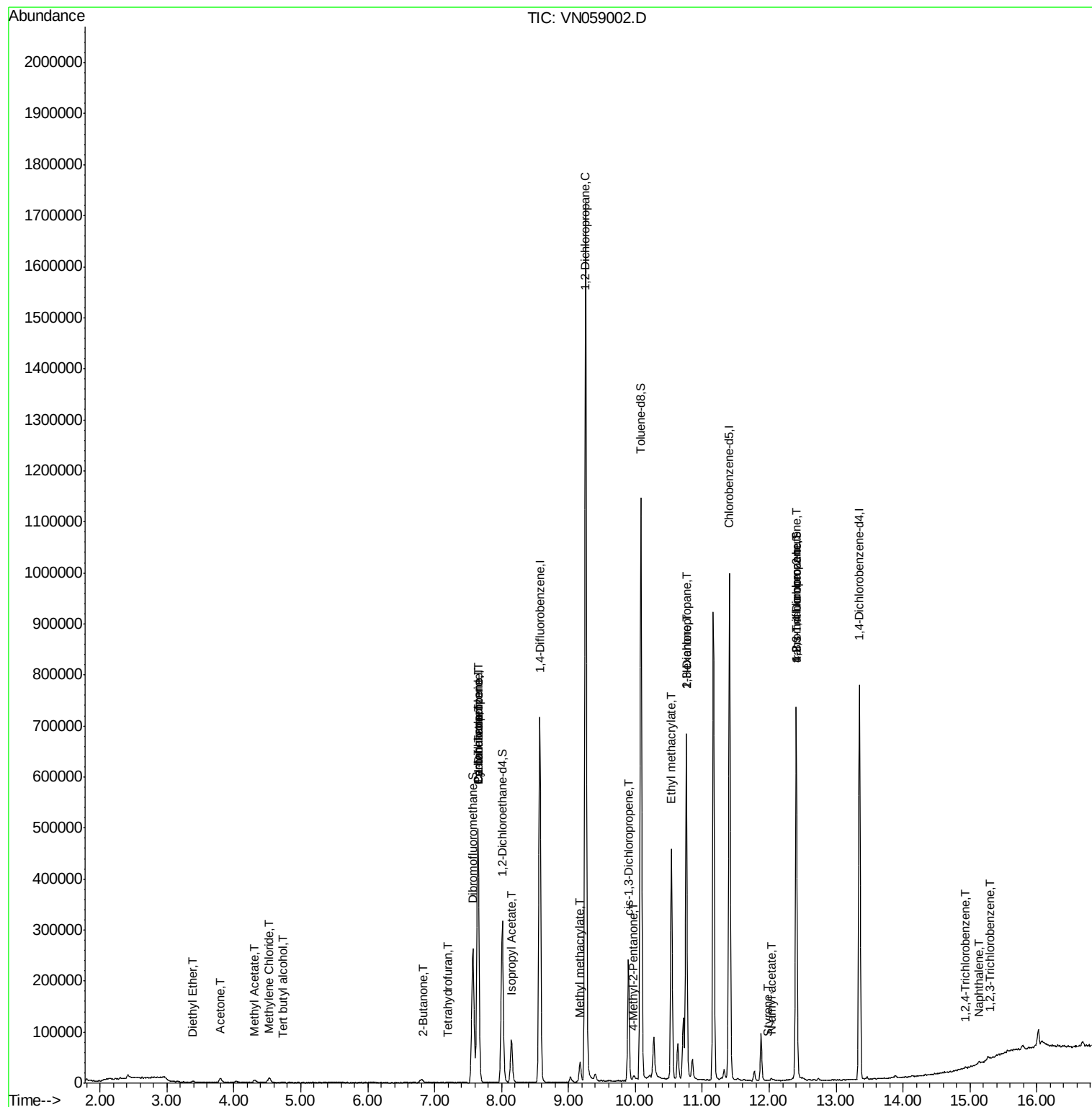
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.38	74	895	0.341	ug/l	72
11) Tert butyl alcohol	4.73	59	740	0.759	ug/l #	72
16) Acetone	3.80	43	15433	5.313	ug/l	93
18) Methyl Acetate	4.30	43	7119	1.078	ug/l #	87
20) Methylene Chloride	4.53	84	6942	1.400	ug/l	98
25) 2-Butanone	6.83	43	2357	0.625	ug/l	100
29) Tetrahydrofuran	7.19	42	998	0.433	ug/l #	50
31) Cyclohexane	7.65	56	8632	1.022	ug/l #	6
36) 1,1-Dichloropropene	7.64	75	32430	5.064	ug/l #	48
38) Carbon Tetrachloride	7.64	117	39395	5.972	ug/l #	17
43) Isopropyl Acetate	8.15	43	98649	8.815	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2248	0.436	ug/l #	44
48) Methyl methacrylate	9.17	41	6805	1.340	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	6125	0.937	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	39519	4.973	ug/l #	63
56) Ethyl methacrylate	10.54	69	1896	2.333	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6543	0.812	ug/l #	43
59) 2-Hexanone	10.76	43	102527	20.299	ug/l #	53
70) Styrene	11.97	104	66	1.719	ug/l #	24
74) N-amyl acetate	12.03	43	2627	0.382	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	131882	27.393	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	131882	71.360	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.91	180	689	2.679	ug/l	74
95) Naphthalene	15.13	128	2439	2.421	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.30	180	673	2.553	ug/l #	48

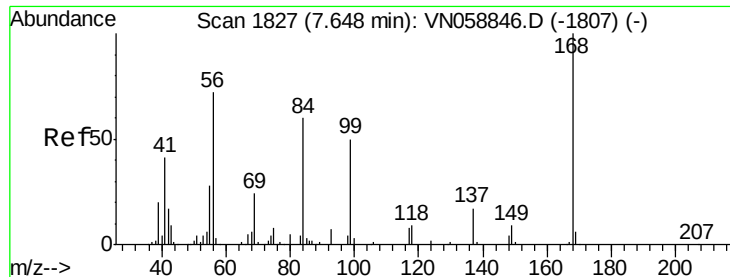
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

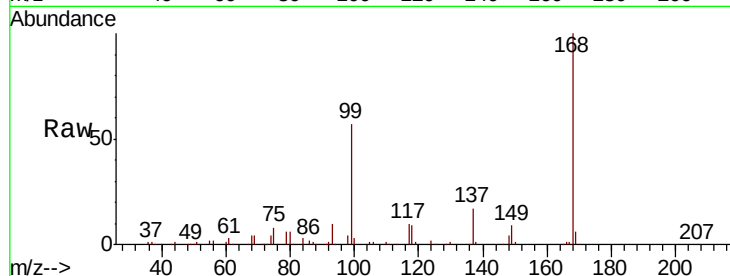
ClientSampled :

Tot Ion:168 Resp: 400783

Ion Ratio Lower Upper

168 100

99 57.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

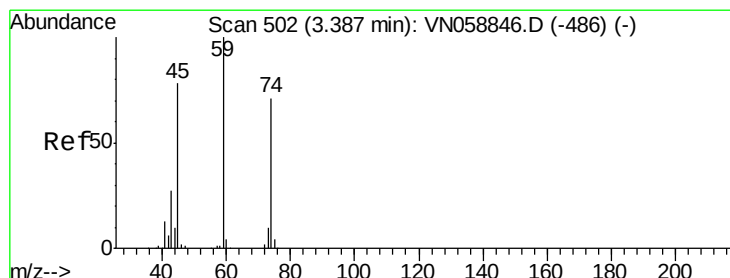
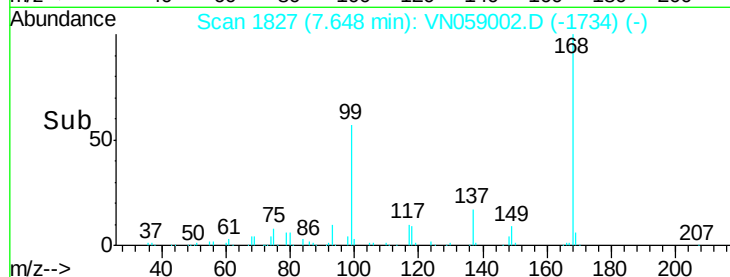
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.341 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN059002.D

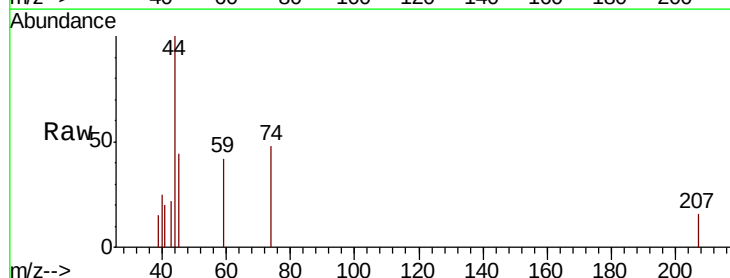
Acq: 29 Oct 2019 12:05

Tgt Ion: 74 Resp: 895

Ion Ratio Lower Upper

74 100

45 139.1 54.9 164.5



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.38

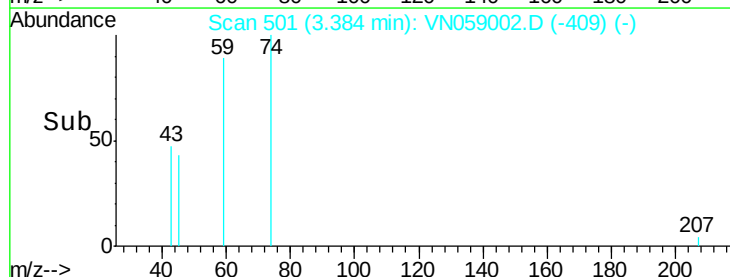
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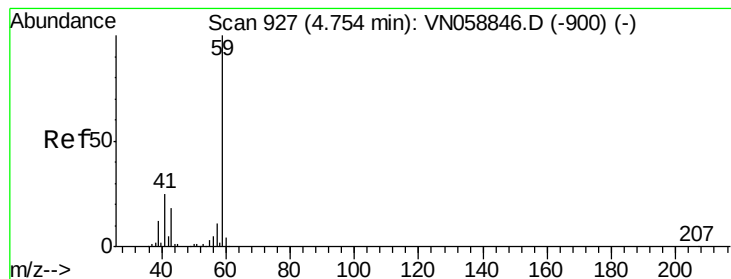
400

200

0

Time-->



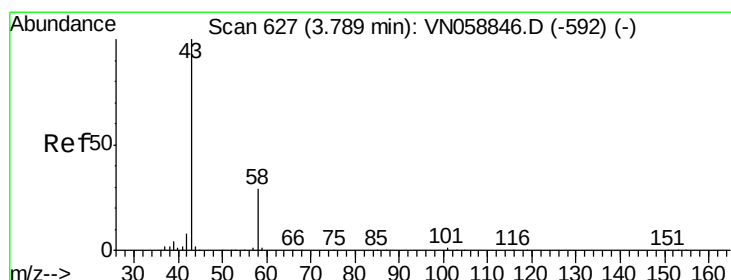
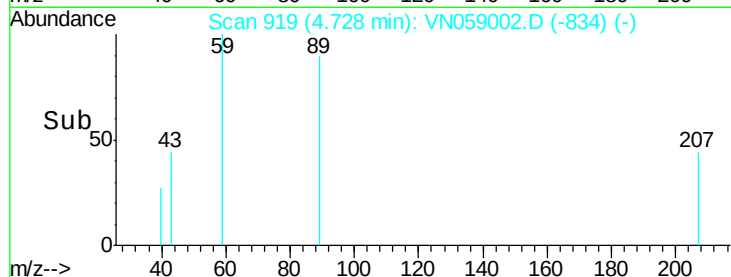
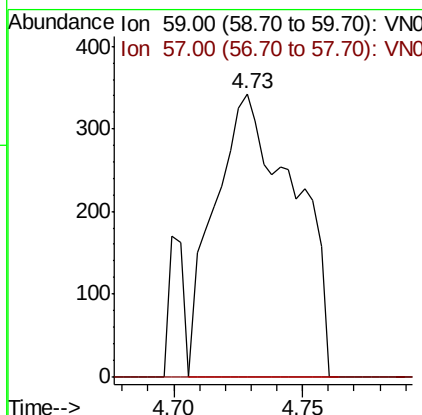
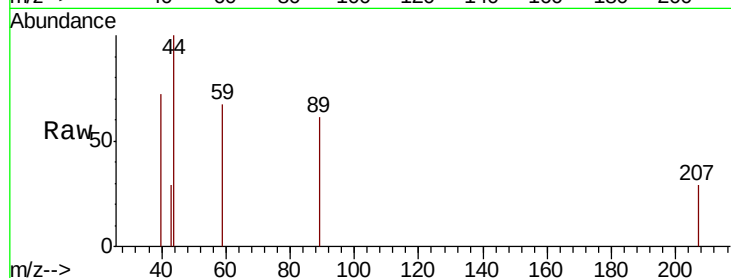


#11

Tert butyl alcohol
Concen: 0.759 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.03 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Instrument :
MSVOA_N
ClientSampled :

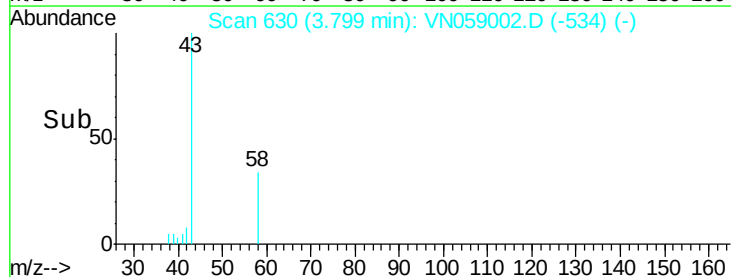
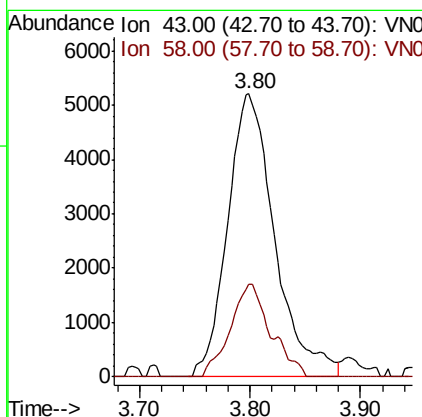
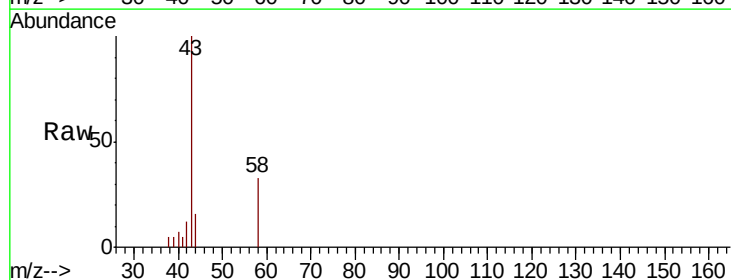
Tot Ion: 59 Resp: 740
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

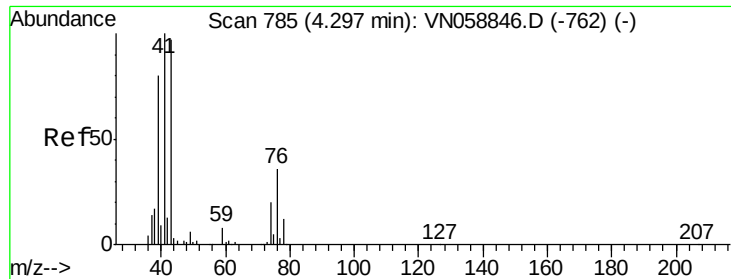


#16

Acetone
Concen: 5.313 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 43 Resp: 15433
Ion Ratio Lower Upper
43 100
58 32.7 23.1 34.7

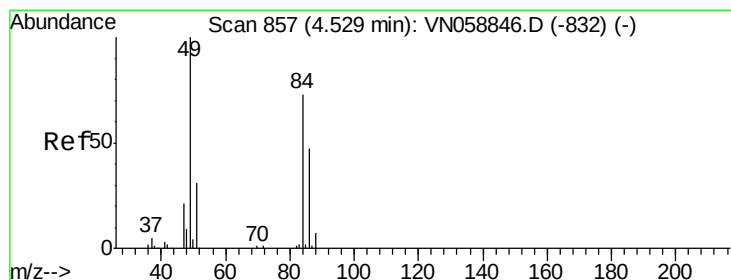
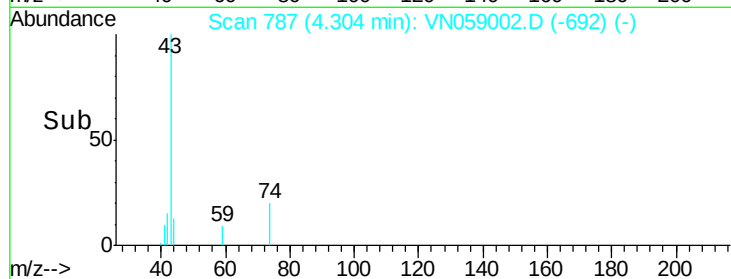
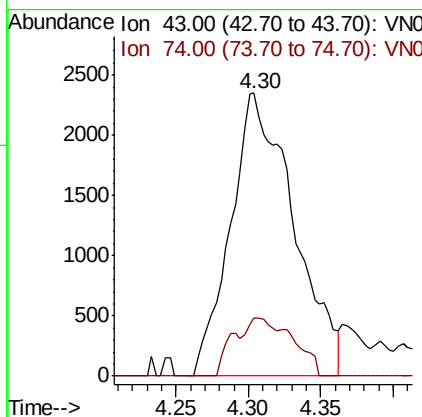
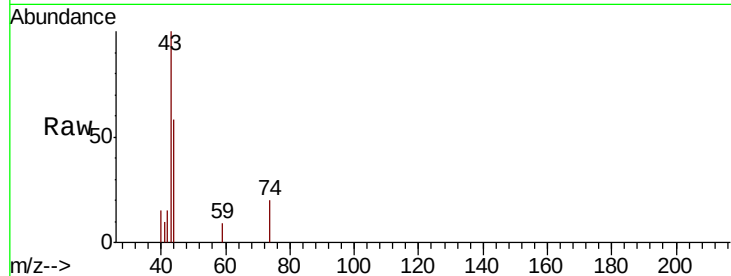




#18
Methvl Acetate
Concen: 1.078 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

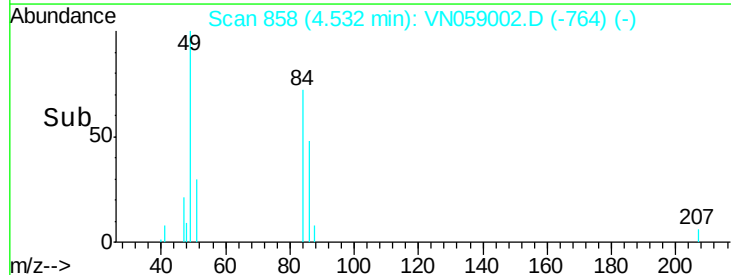
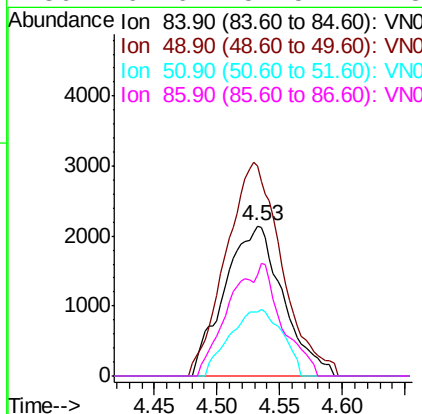
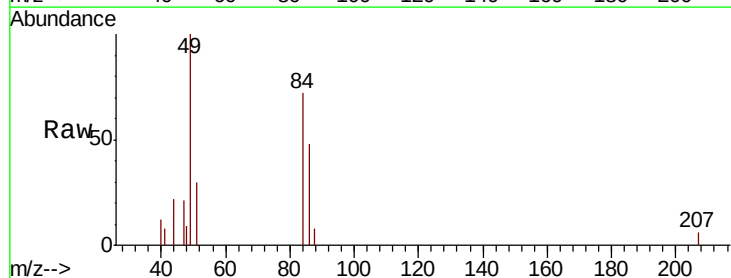
Instrument :
MSVOA_N
ClientSampled :

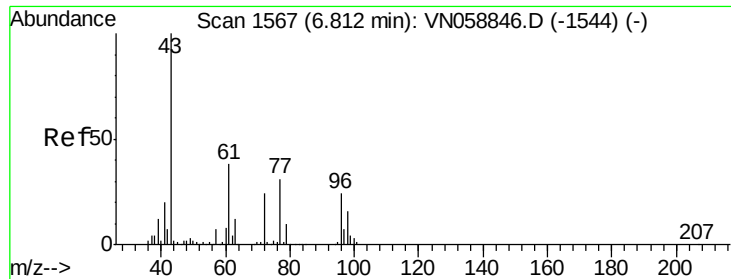
Tot Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
74 15.1 17.1 25.7#



#20
Methylene Chloride
Concen: 1.400 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 84 Resp: 6942
Ion Ratio Lower Upper
84 100
49 139.4 109.6 164.4
51 42.2 33.8 50.6
86 67.6 51.5 77.3

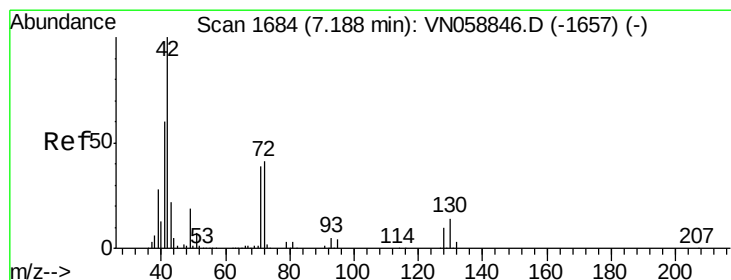
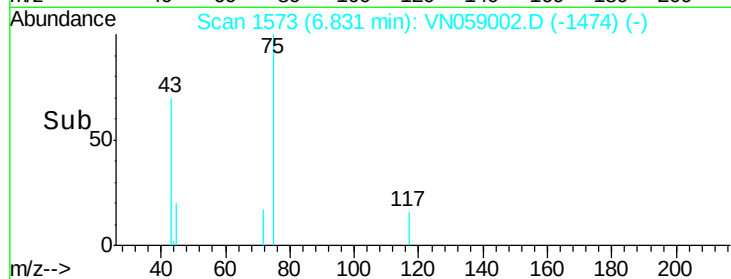
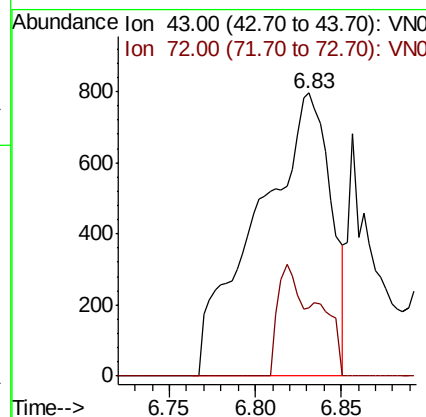
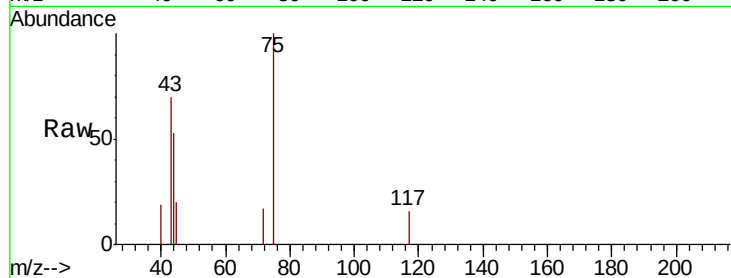




#25
2-Butanone
Concen: 0.625 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

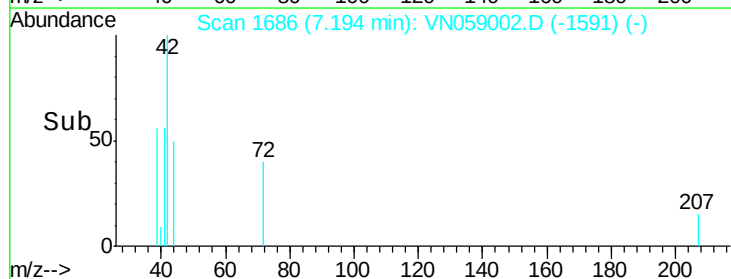
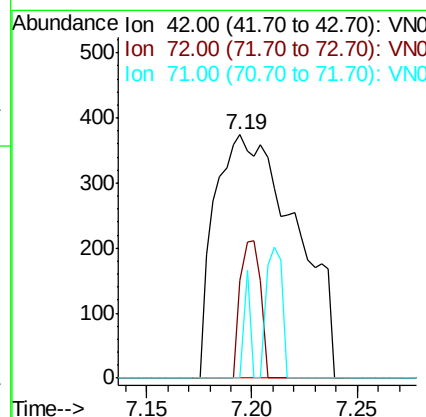
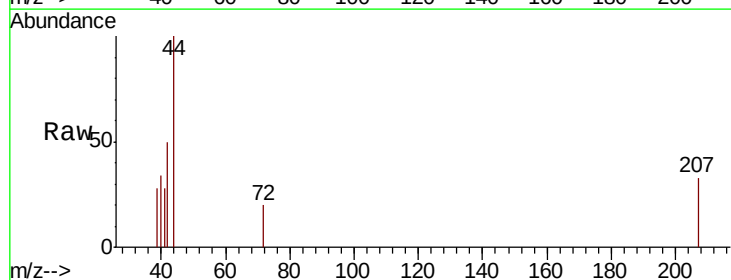
Instrument :
MSVOA_N
ClientSampled :

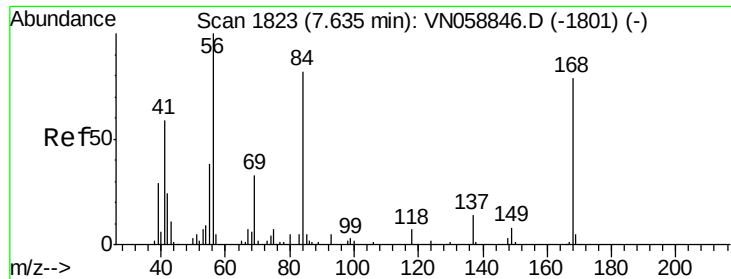
Tot Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
72 24.1 19.1 28.7



#29
Tetrahydrofuran
Concen: 0.433 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 42 Resp: 998
Ion Ratio Lower Upper
42 100
72 13.9 32.2 48.2#
71 3.2 30.6 45.8#

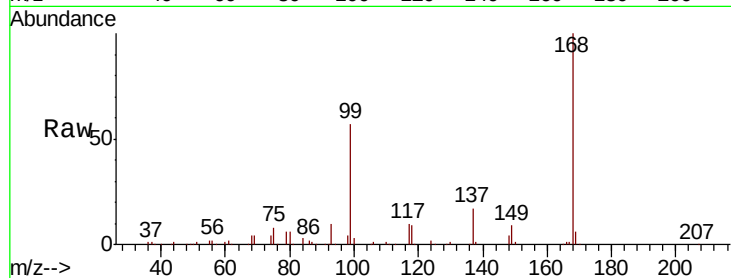




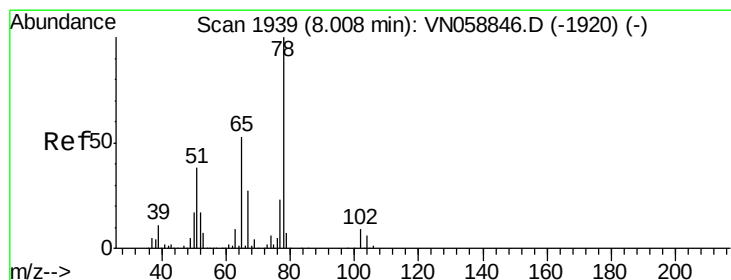
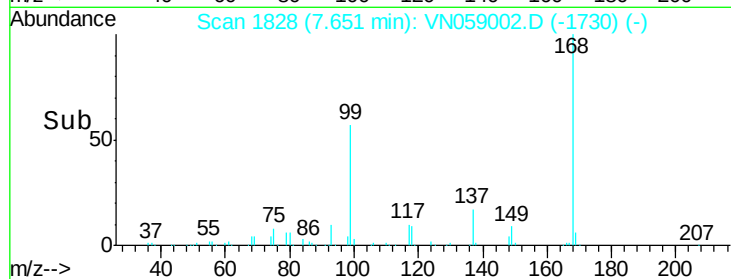
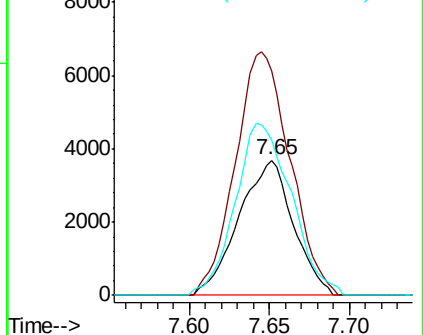
#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	56	Resp	8632
Ion Ratio	Lower	Upper	
56	100		
69	166.4	26.2	39.4#
84	114.8	65.6	98.4#

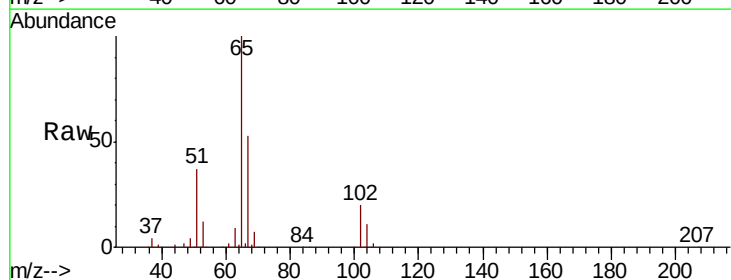


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

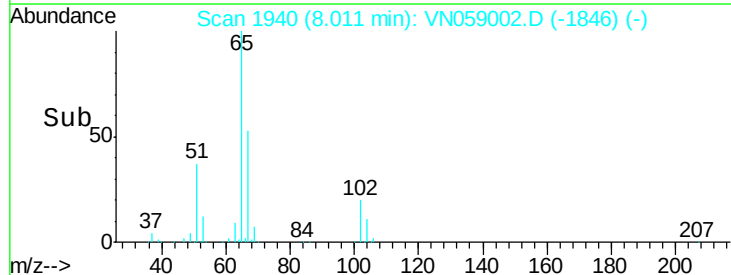
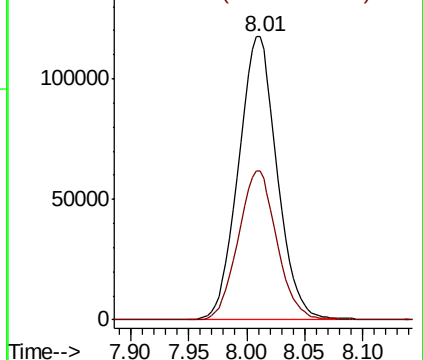


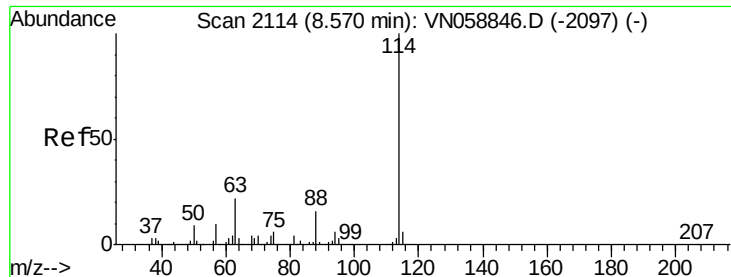
#33
1,2-Dichloroethane-d4
Concen: 46.220 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion	65	Resp	271688
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
65	100		
67	52.7	0.0	103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

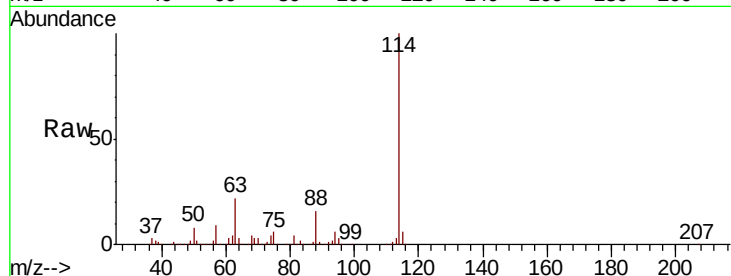




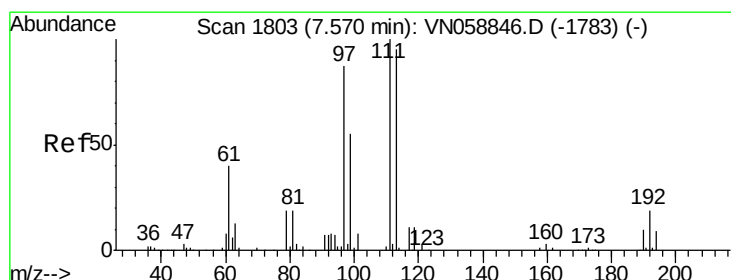
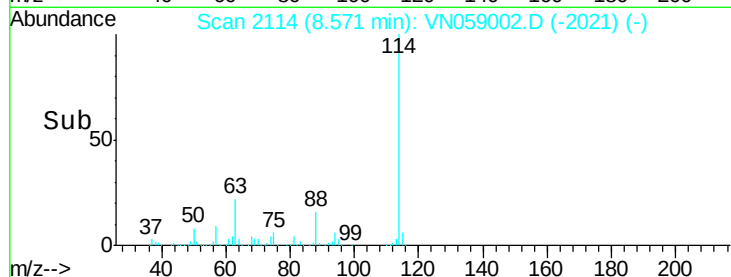
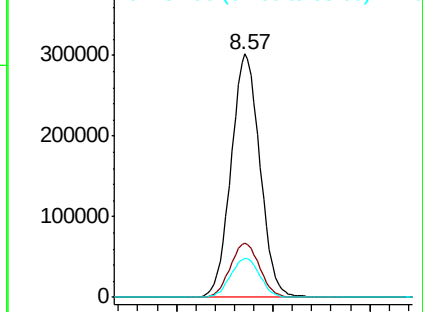
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	16.0	0.0	31.4

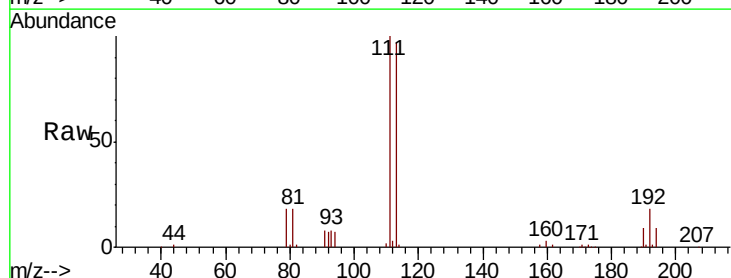


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

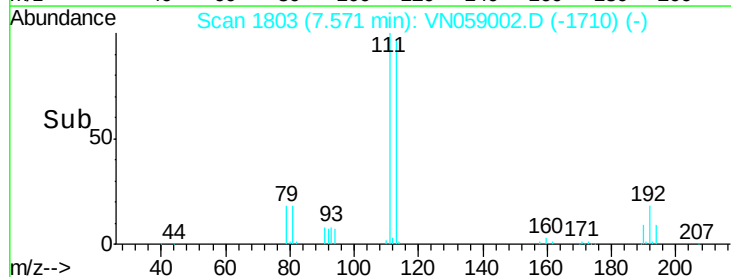
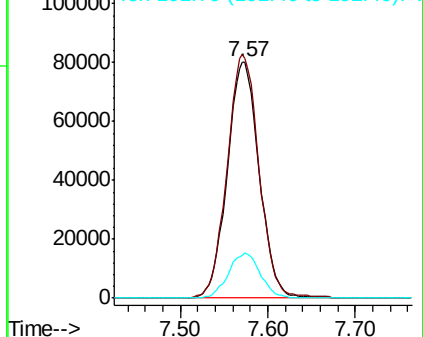


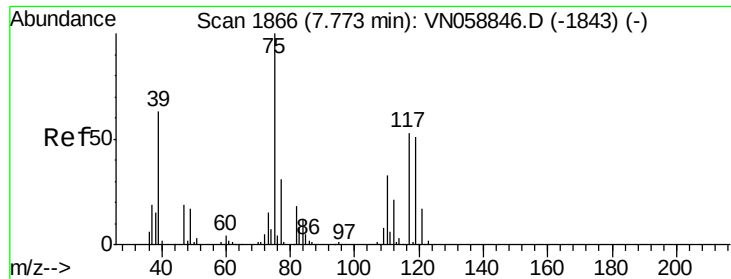
#35
 Dibromofluoromethane
 Concen: 49.418 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	19.2	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

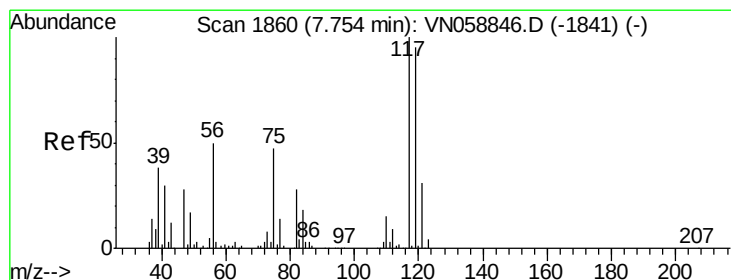
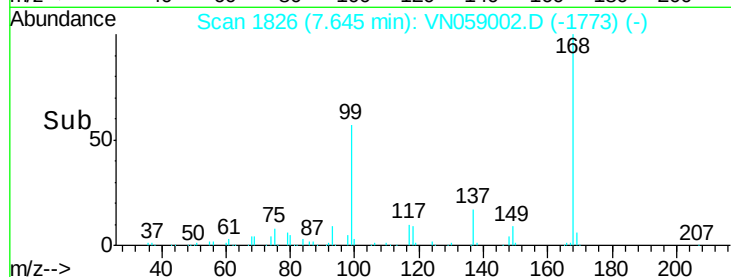
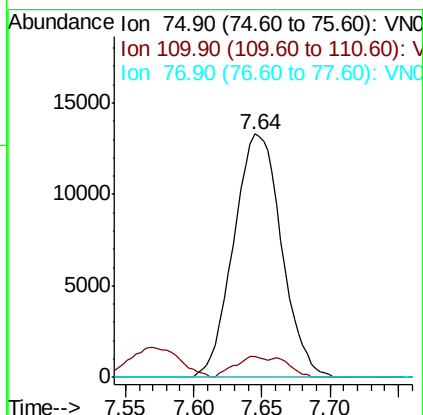
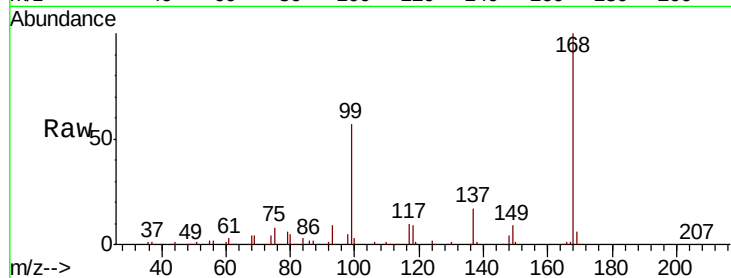




#36
 1,1-Dichloropropene
 Concen: 5.064 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

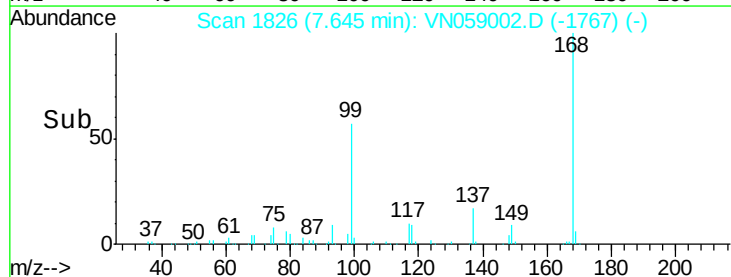
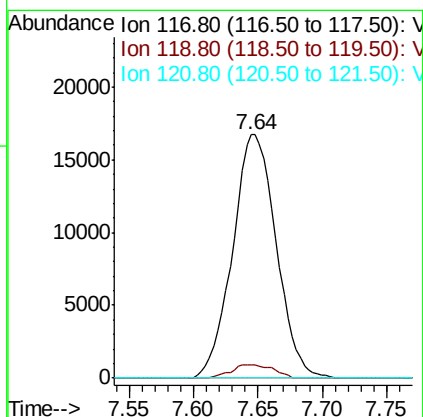
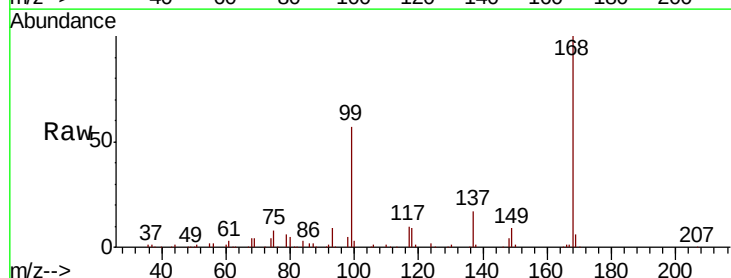
Instrument :
 MSVOA_N
 ClientSampled :

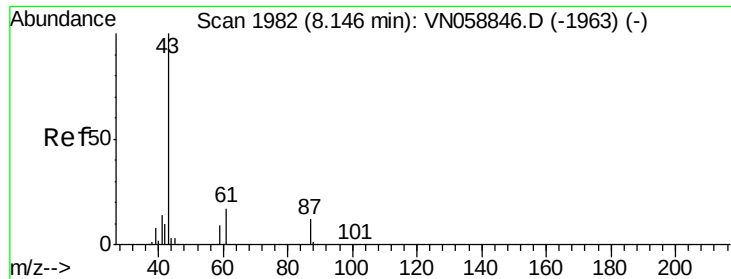
Tot Ion: 75 Resp: 32430
 Ion Ratio Lower Upper
 75 100
 110 5.7 16.3 48.9#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.972 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Tgt Ion: 117 Resp: 39395
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.7 113.5#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 8.815 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

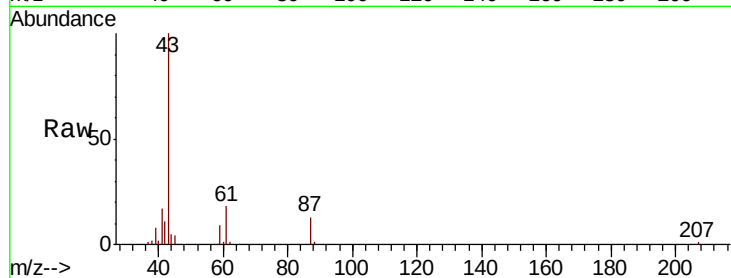
Tot Ion: 43 Resp: 98649

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

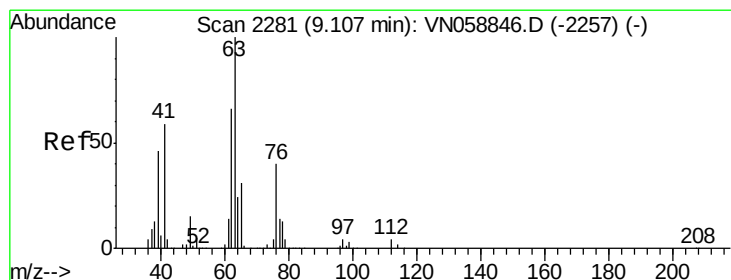
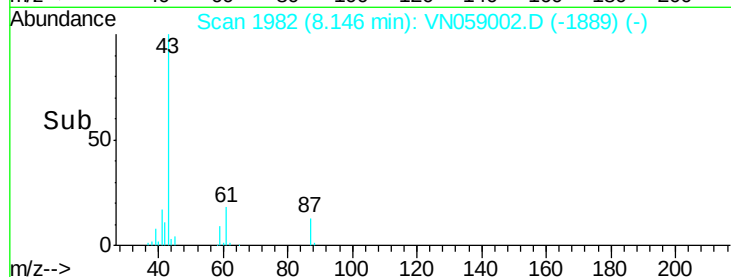
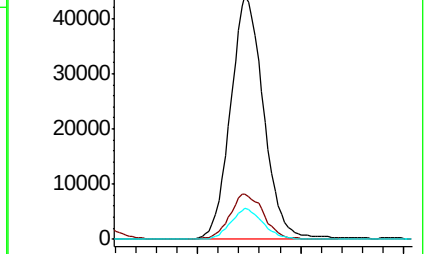
87 12.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#45

1,2-Dichloropropane

Concen: 0.436 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059002.D

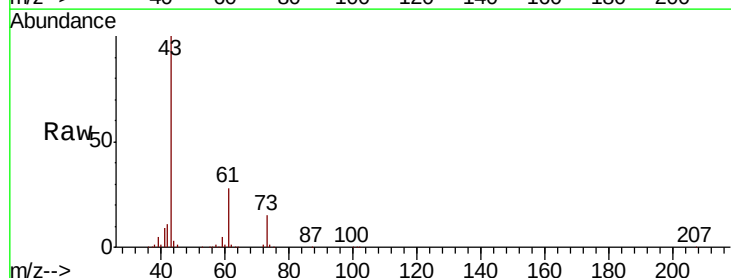
Acq: 29 Oct 2019 12:05

Tgt Ion: 63 Resp: 2248

Ion Ratio Lower Upper

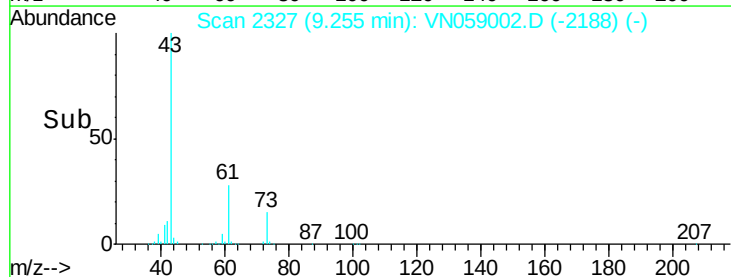
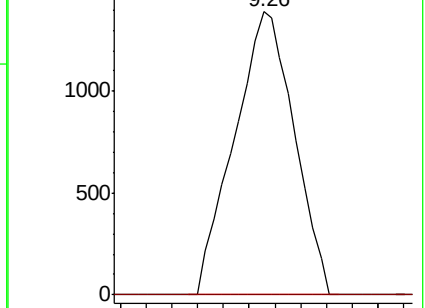
63 100

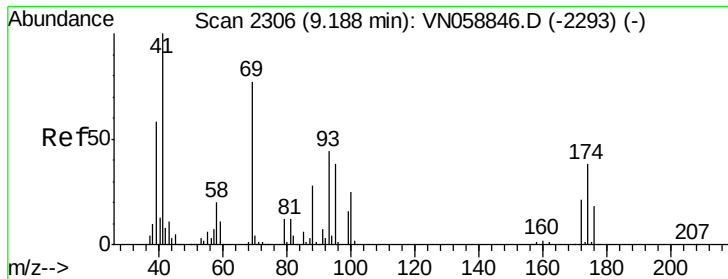
65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VN058846.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN058846.D (-2257) (-)

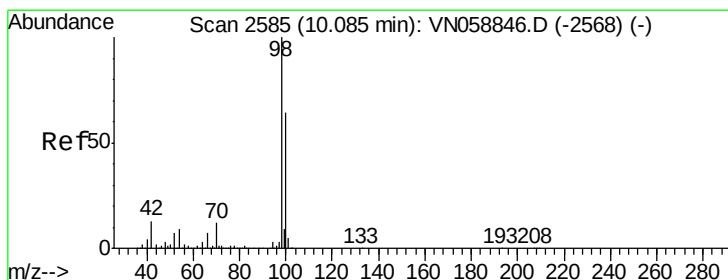
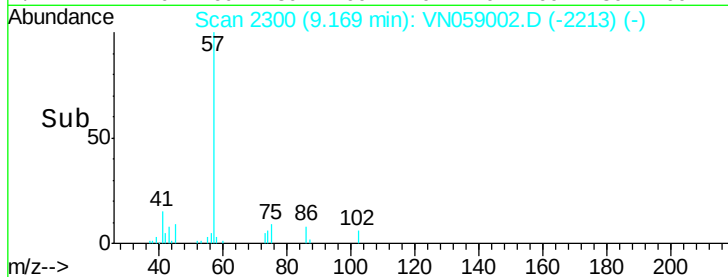
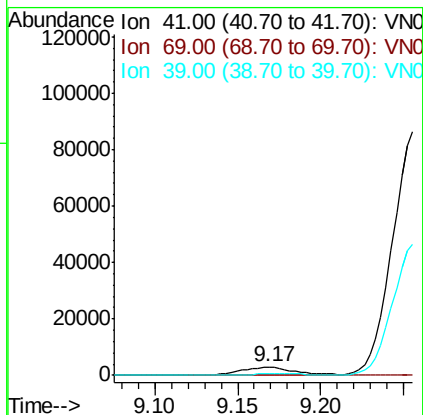
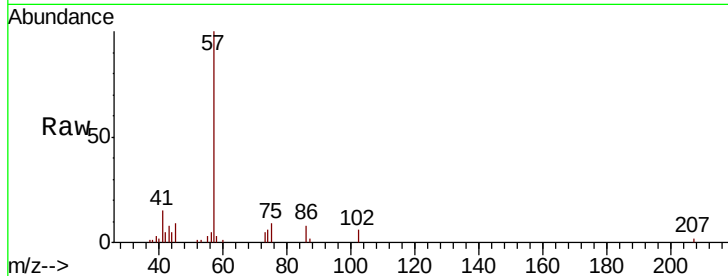




#48
Methvl methacrylate
Concen: 1.340 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

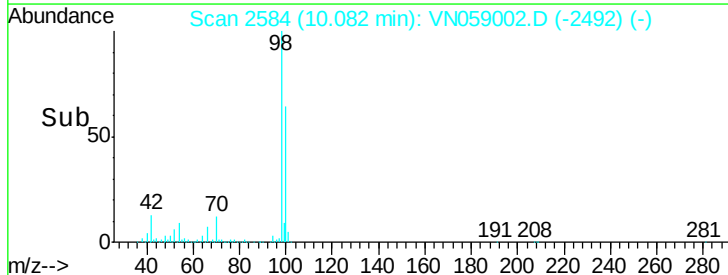
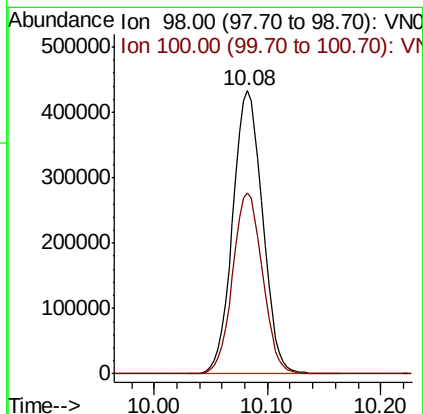
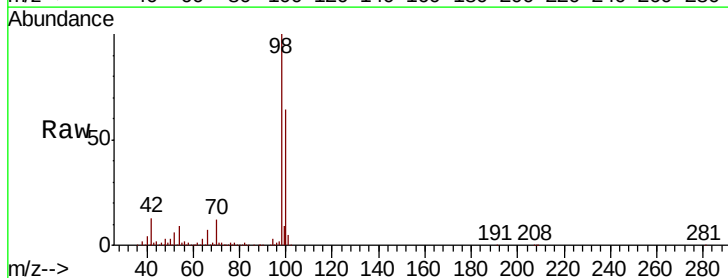
Instrument :
MSVOA_N
ClientSampled :

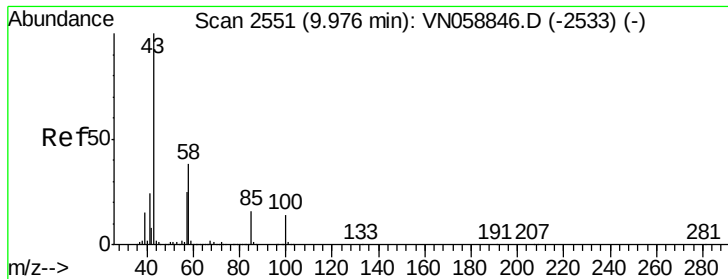
Tot Ion: 41 Resp: 6805
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#



#50
Toluene-d8
Concen: 49.886 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 98 Resp: 796380
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2

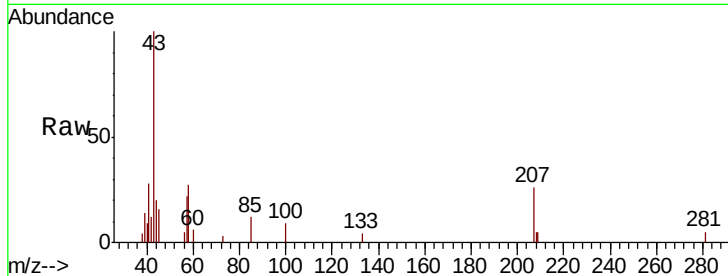




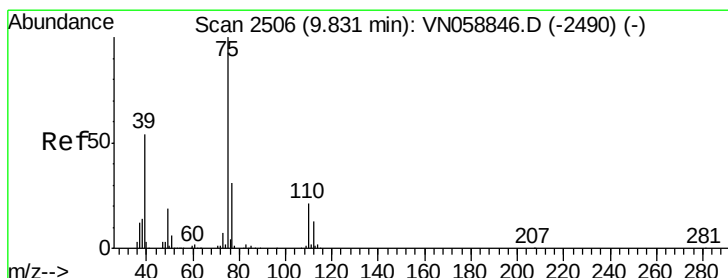
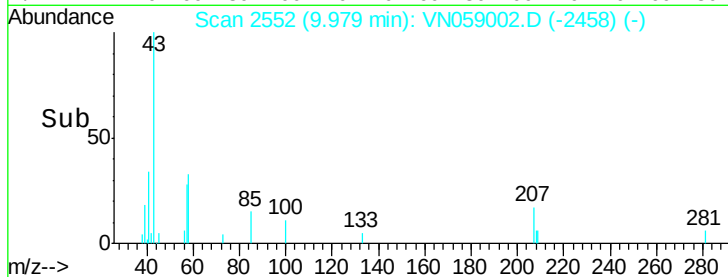
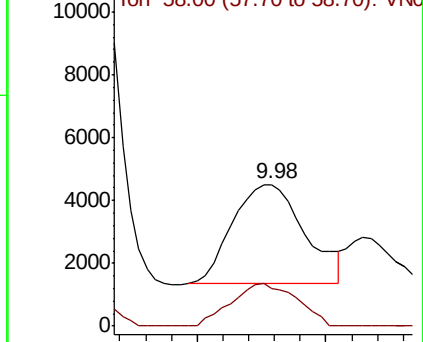
#51
 4-Methyl-2-Pentanone
 Concen: 0.937 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 6125
 Ion Ratio Lower Upper
 43 100
 58 39.3 29.9 44.9

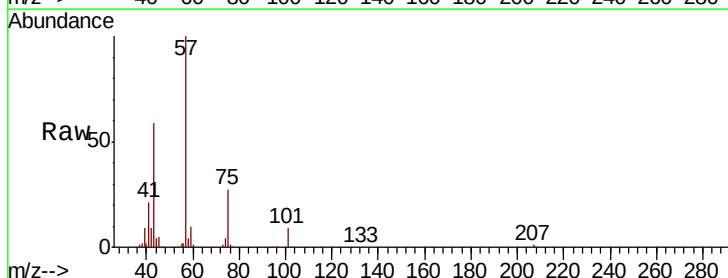


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

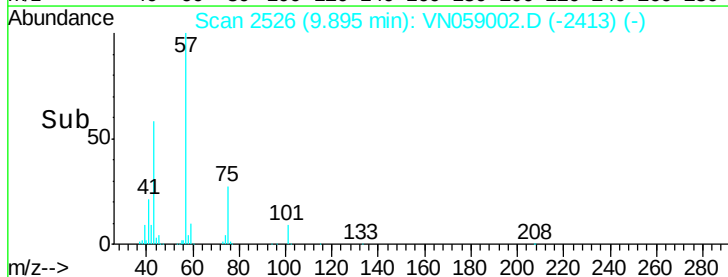
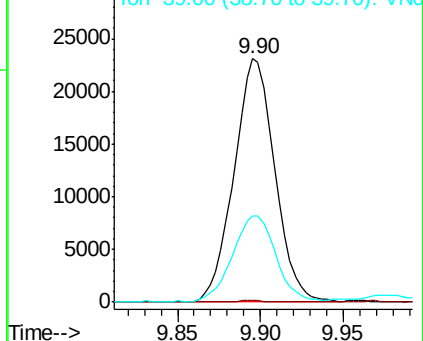


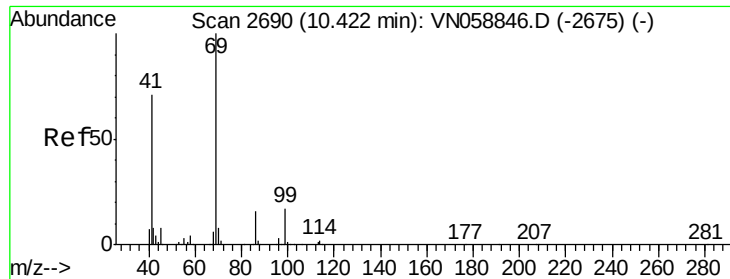
#54
 cis-1,3-Dichloropropene
 Concen: 4.973 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.06 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Tgt Ion: 75 Resp: 39519
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.7 37.1#
 39 35.4 43.5 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.333 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

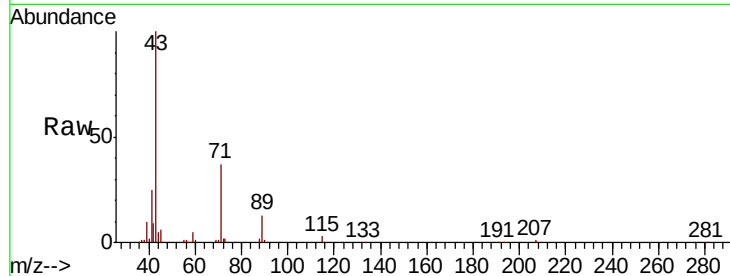
Tot Ion: 69 Resp: 1896

Ion Ratio Lower Upper

69 100

41 4558.3 57.2 85.8#

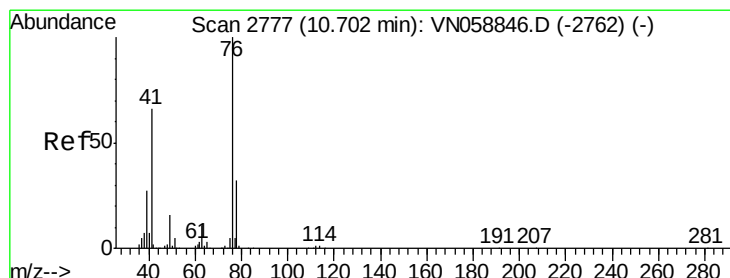
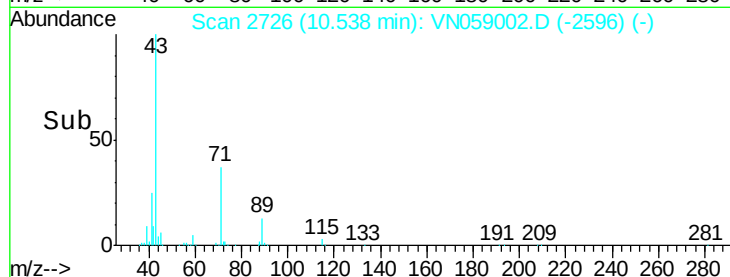
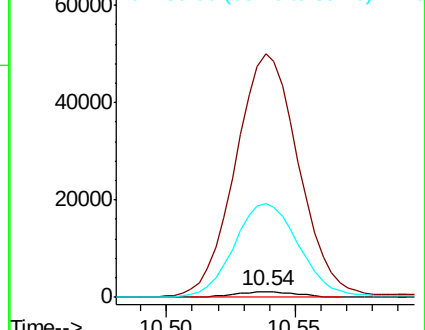
39 1800.9 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.812 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN059002.D

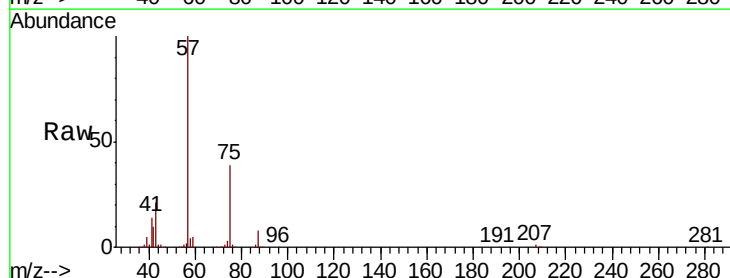
Acq: 29 Oct 2019 12:05

Tgt Ion: 76 Resp: 6543

Ion Ratio Lower Upper

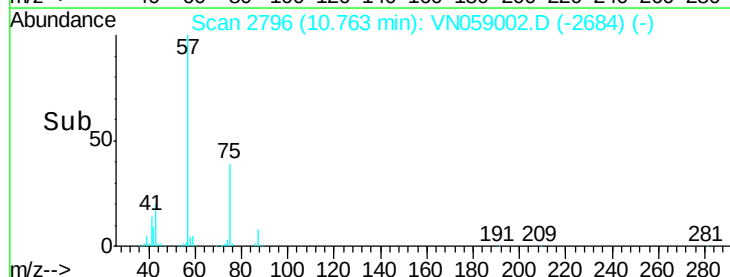
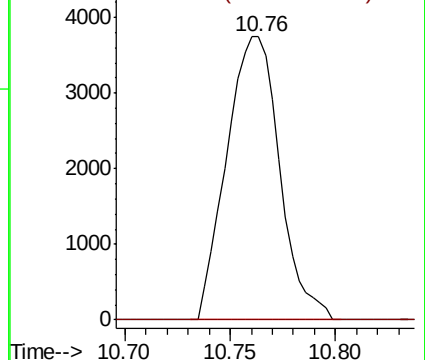
76 100

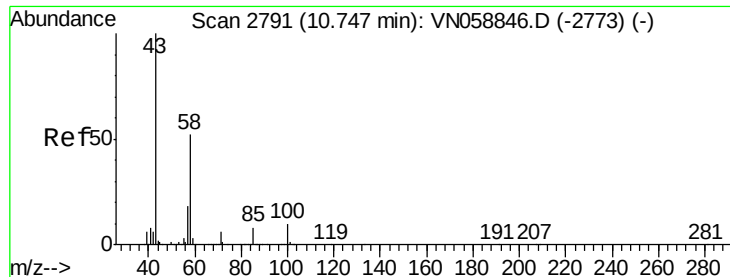
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

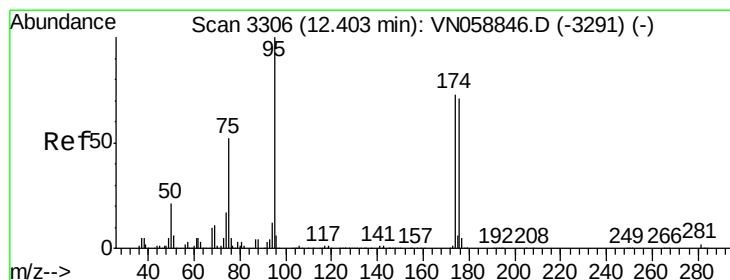
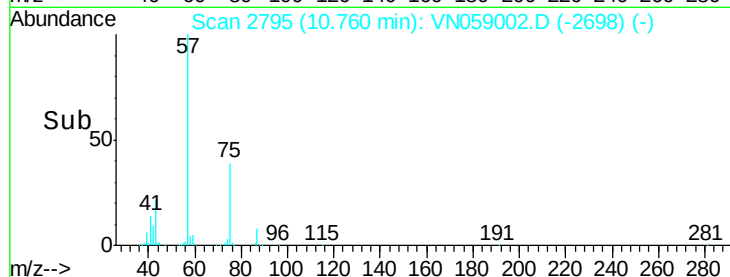
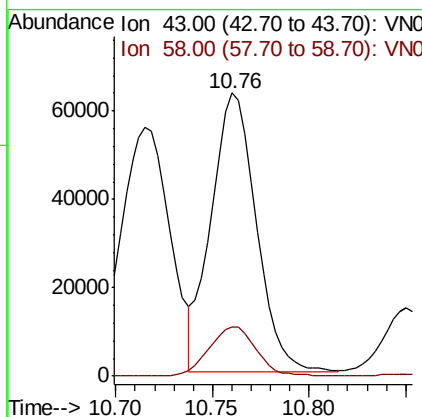
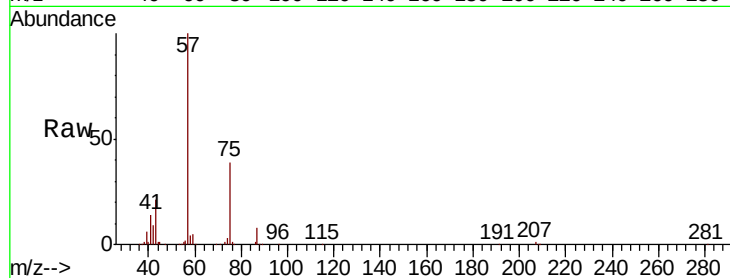




#59
2-Hexanone
Concen: 20.299 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

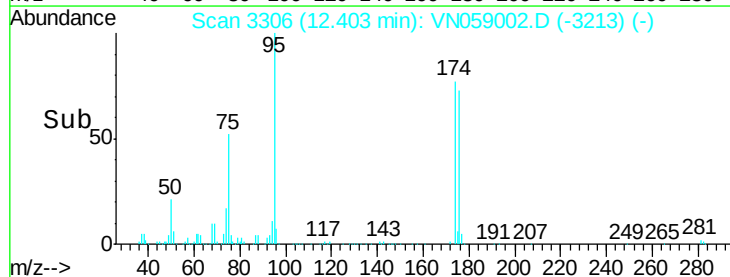
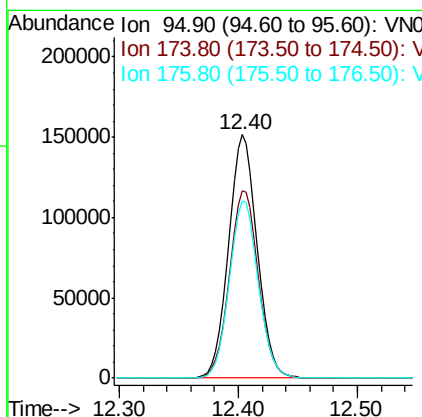
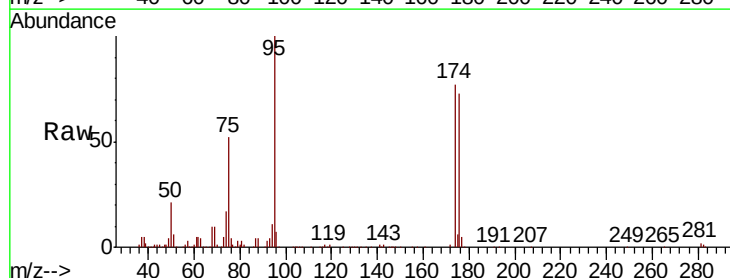
Instrument :
MSVOA_N
ClientSampled :

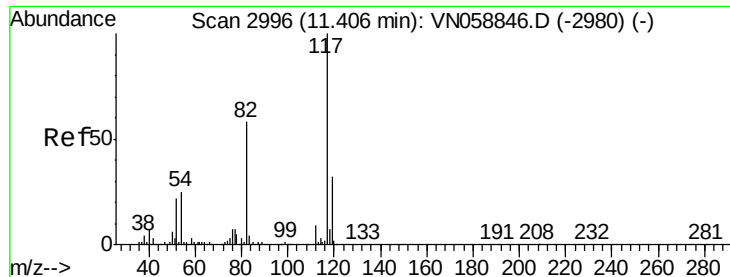
Tot Ion: 43 Resp: 102527
Ion Ratio Lower Upper
43 100
58 18.6 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 42.969 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 95 Resp: 251898
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.6
176 73.6 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

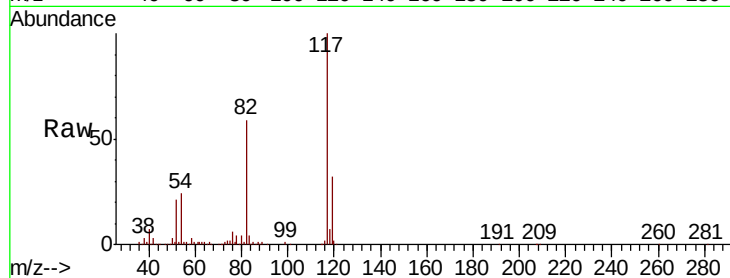
Tot Ion:117 Resp: 567842

Ion Ratio Lower Upper

117 100

82 58.6 46.6 69.8

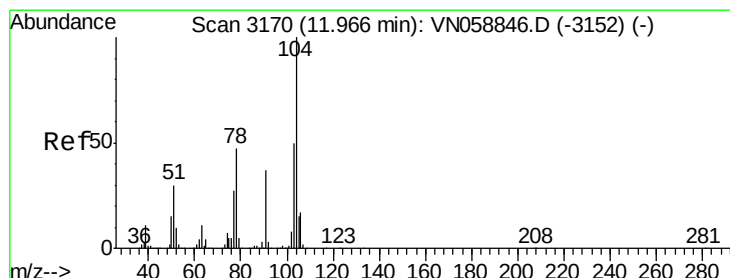
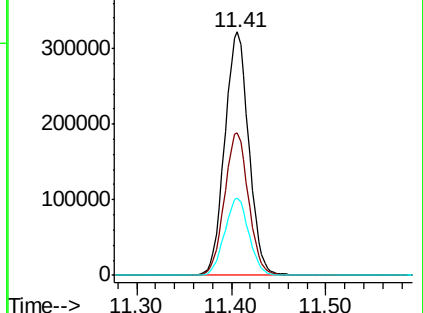
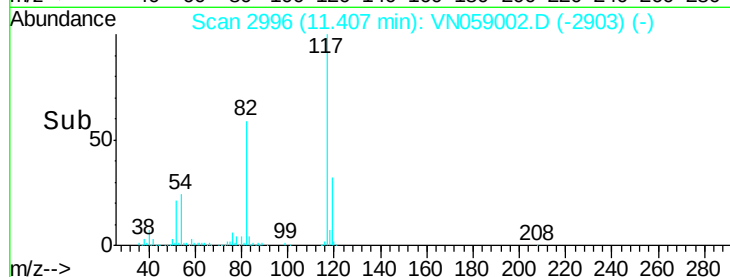
119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#70

Styrene

Concen: 1.719 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

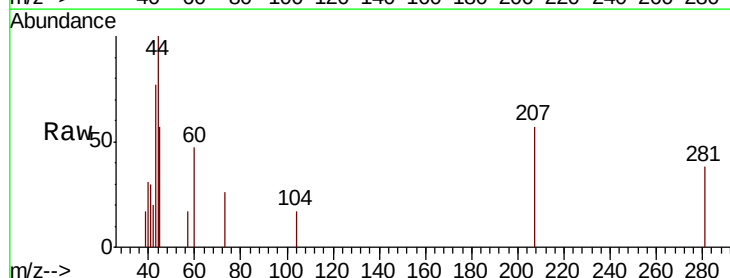
Tgt Ion:104 Resp: 66

Ion Ratio Lower Upper

104 100

78 0.0 42.8 64.2#

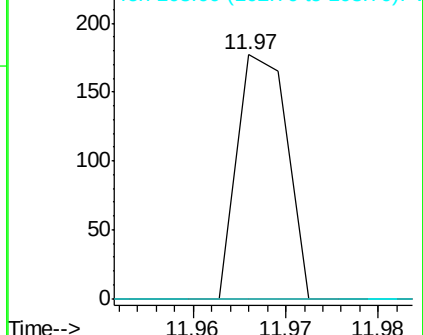
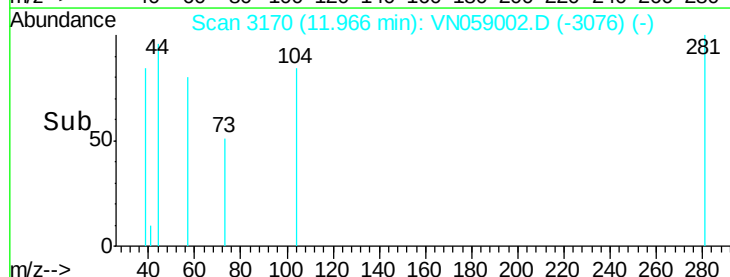
103 0.0 44.3 66.5#

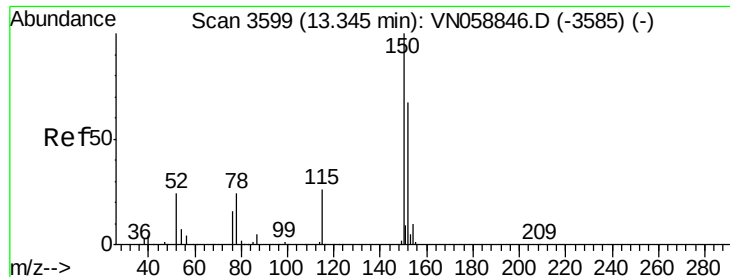


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): 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: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

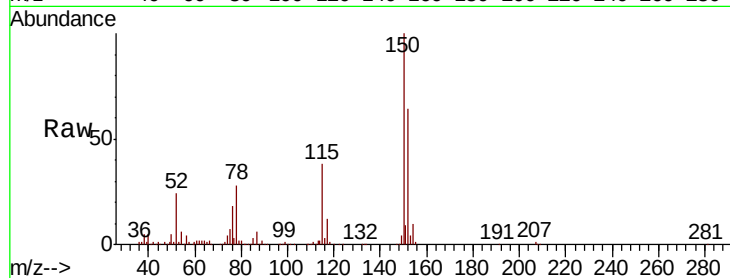
Tot Ion:152 Resp: 207736

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 156.3 0.0 344.4

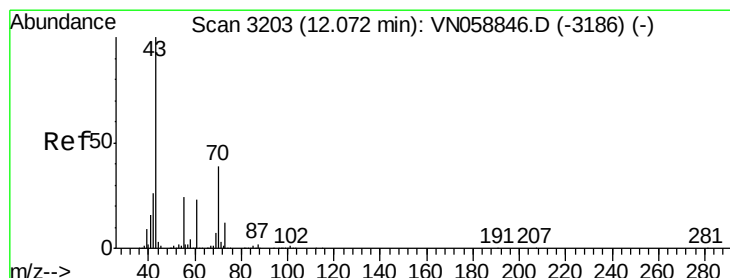
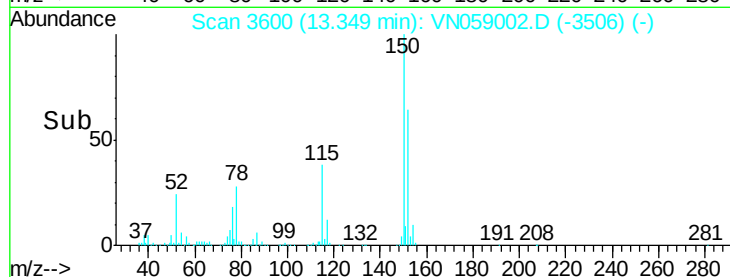
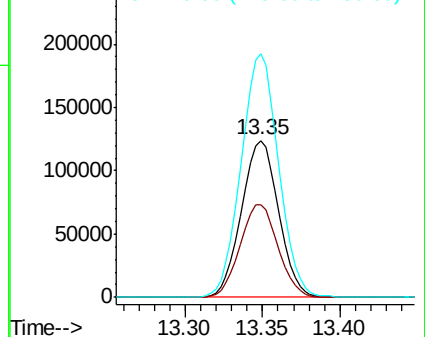


Abundance

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



#74

N-ethyl acetate

Concen: 0.382 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Tgt Ion: 43 Resp: 2627

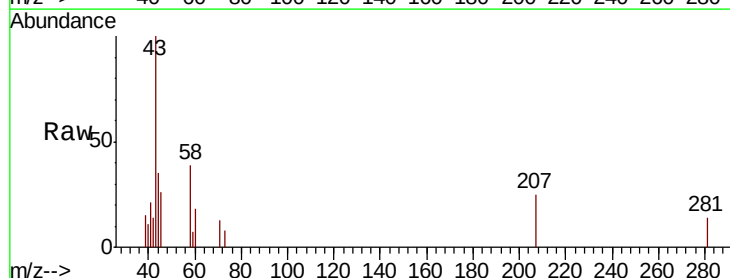
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 0.0 19.7 29.5#

61 0.0 18.2 27.4#



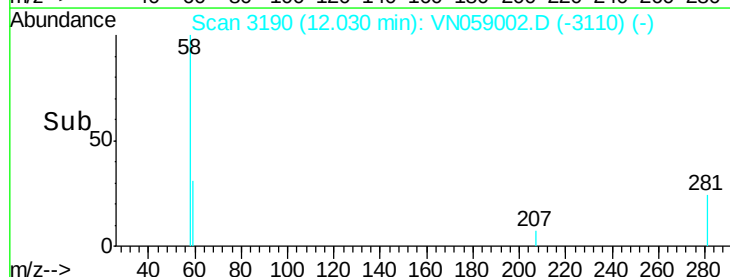
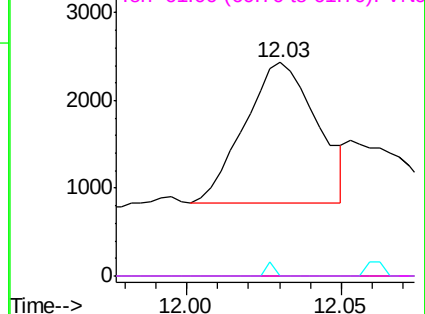
Abundance

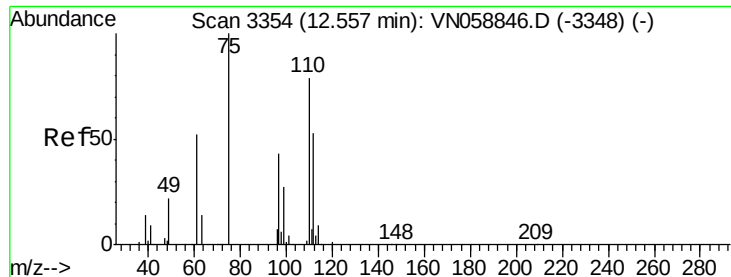
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 27.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

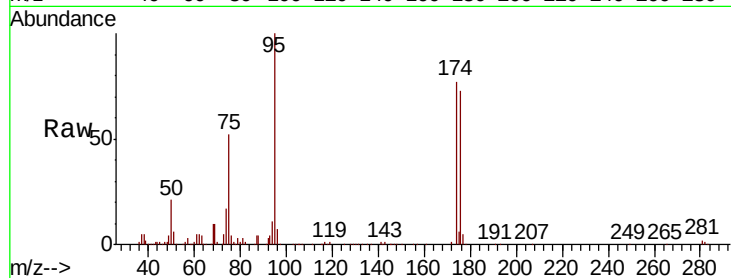
ClientSampleId :

Tot Ion: 75 Resp: 131882

Ion Ratio Lower Upper

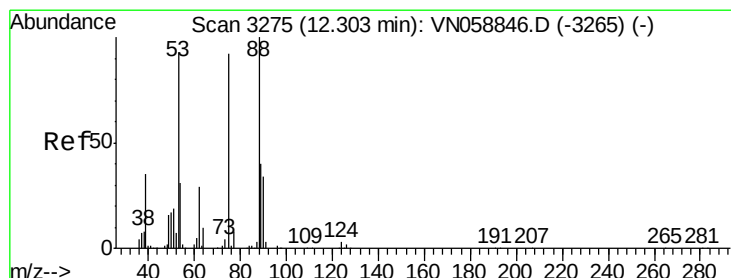
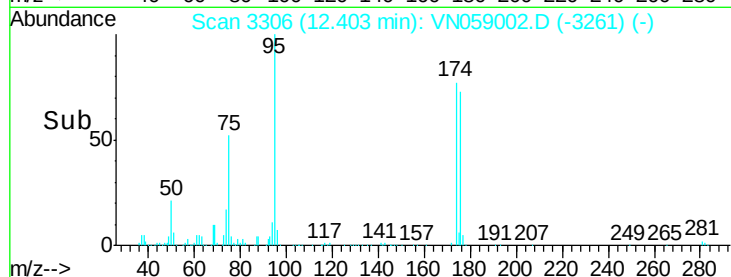
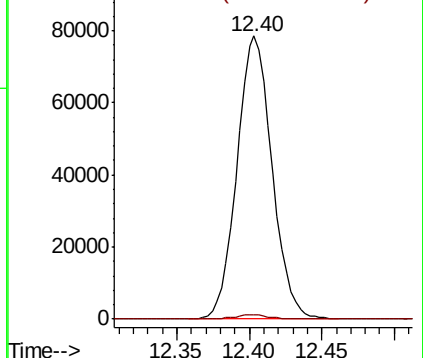
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 71.360 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

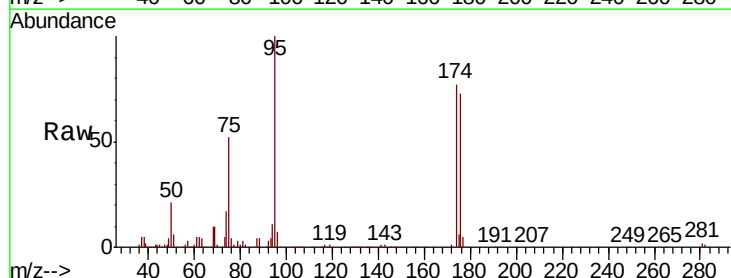
Tgt Ion: 75 Resp: 131882

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

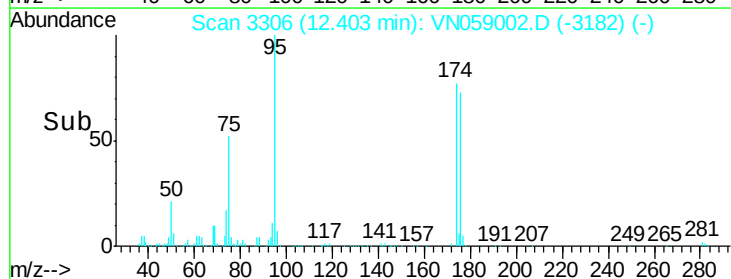
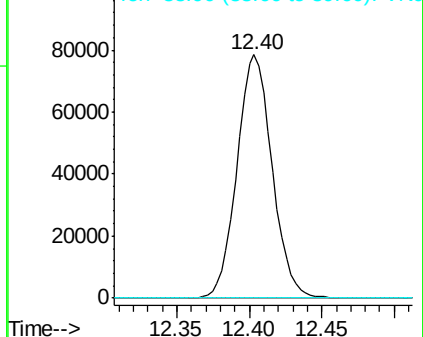
89 0.0 35.4 53.0#

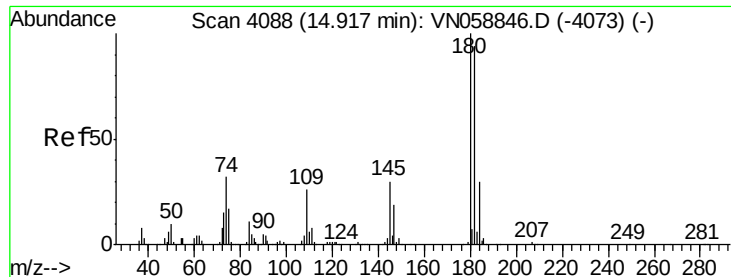


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

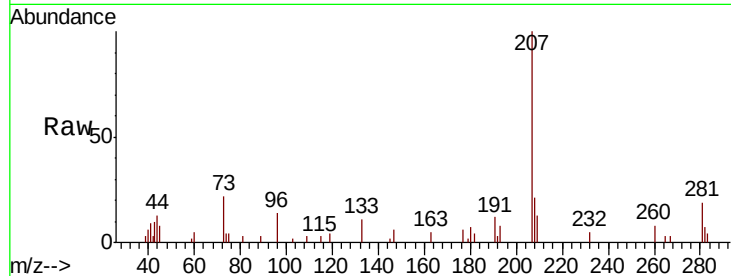




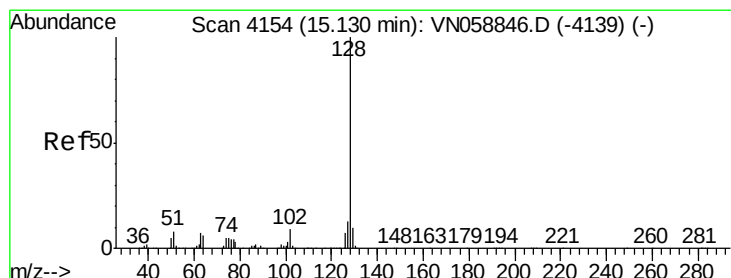
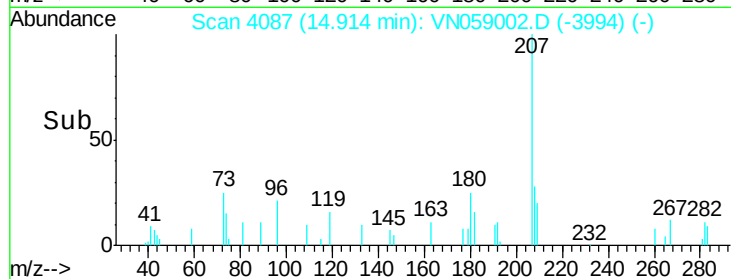
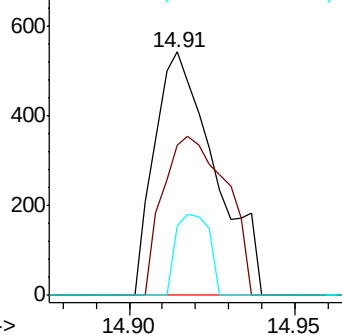
#93
 1,2,4-Trichlorobenzene
 Concen: 2.679 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	68.4	47.3	142.0
145	18.4	15.3	45.8

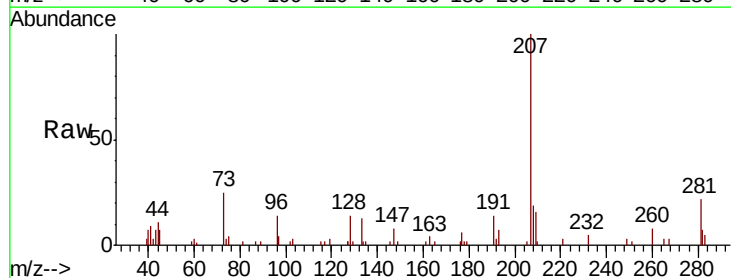


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

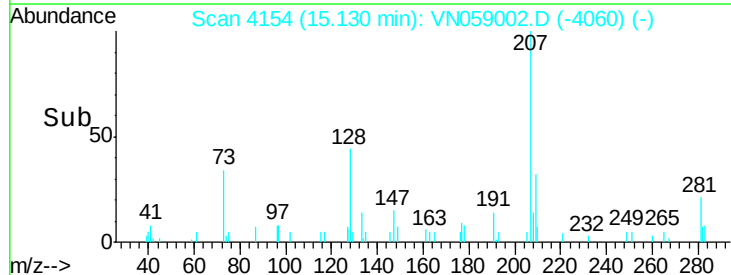
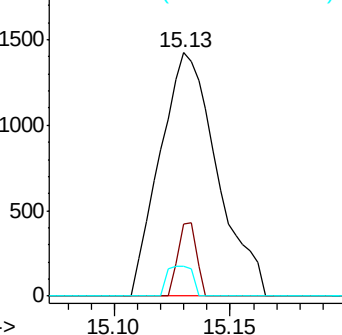


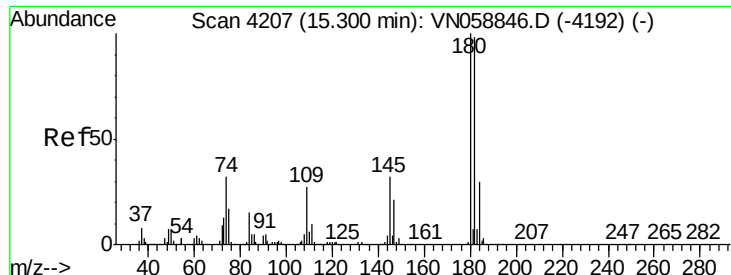
#95
 Naphthalene
 Concen: 2.421 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.2	15.2#
129	5.2	8.4	12.6#



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





#96

1,2,3-Trichlorobenzene

Concen: 2.553 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:180 Resp: 673

Ion Ratio Lower Upper

180 100

182 49.3 47.9 143.7

145 67.3 15.9 47.7#

