

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059034.D
 Acq On : 31 Oct 2019 13:10
 Operator : JC/SP
 Sample : K5615-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:10:42 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	398579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210373	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	272636	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
35) Dibromofluoromethane	7.57	113	200930	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	10.08	98	787665	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.41	95	252664	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	

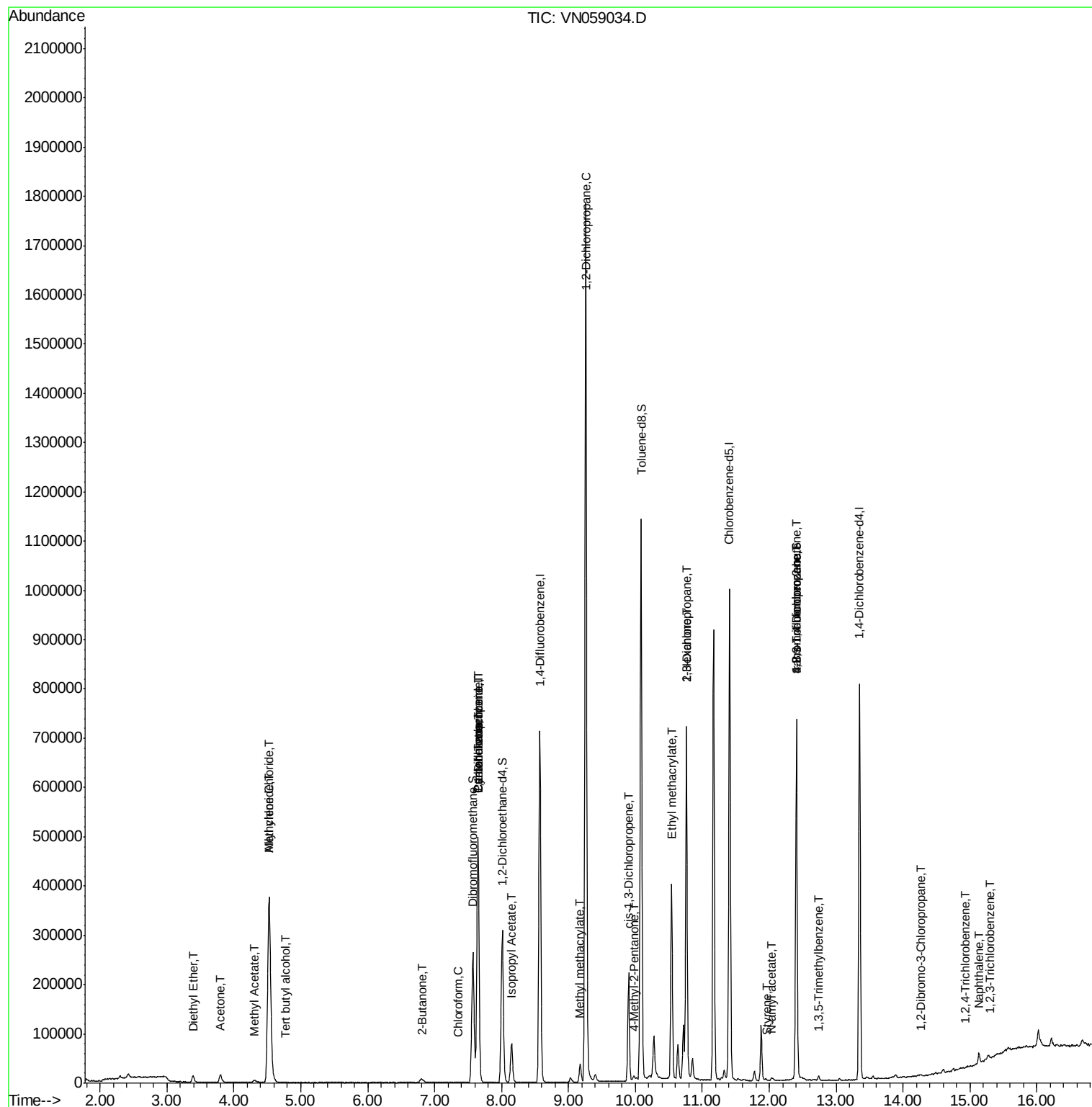
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.39	74	5615	2.149	ug/l	94
11) Tert butyl alcohol	4.77	59	342	0.353	ug/l #	72
14) Allyl chloride	4.53	41	11962	1.504	ug/l #	24
16) Acetone	3.80	43	27569	9.544	ug/l	99
18) Methyl Acetate	4.31	43	7972	1.214	ug/l #	76
20) Methylene Chloride	4.53	84	288451	58.481	ug/l	98
25) 2-Butanone	6.82	43	2490	0.664	ug/l	93
30) Chloroform	7.36	83	1961	0.217	ug/l #	83
31) Cyclohexane	7.64	56	8685	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	31654	4.962	ug/l #	51
38) Carbon Tetrachloride	7.65	117	38448	5.850	ug/l #	16
43) Isopropyl Acetate	8.15	43	95337	8.552	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	2100	0.409	ug/l #	44
48) Methyl methacrylate	9.17	41	6066	1.199	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	6185	0.950	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	38182	4.823	ug/l #	63
56) Ethyl methacrylate	10.54	69	1806	2.323	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6783	0.844	ug/l #	43
59) 2-Hexanone	10.76	43	102808	20.432	ug/l #	55
70) Styrene	11.97	104	108	1.722	ug/l #	24
74) N-amyl acetate	12.03	43	4128	0.592	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	130407	26.747	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3977	0.308	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.41	75	130407	69.677	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.28	75	260	0.213	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.92	180	173	2.560	ug/l #	22
95) Naphthalene	15.14	128	15372	3.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	312	2.467	ug/l #	1

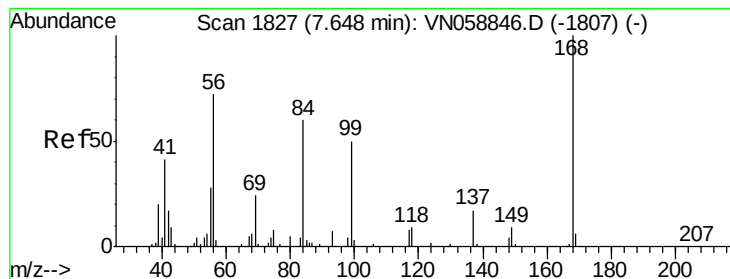
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

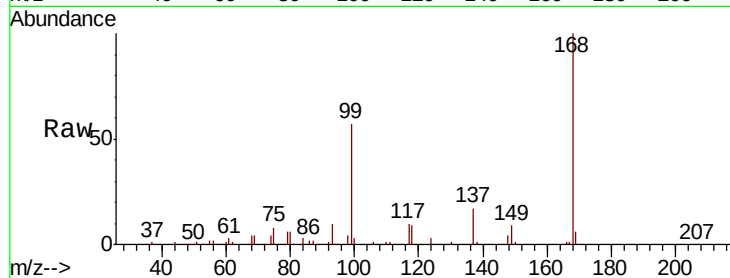
ClientSampled :

Tot Ion:168 Resp: 398579

Ion Ratio Lower Upper

168 100

99 57.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

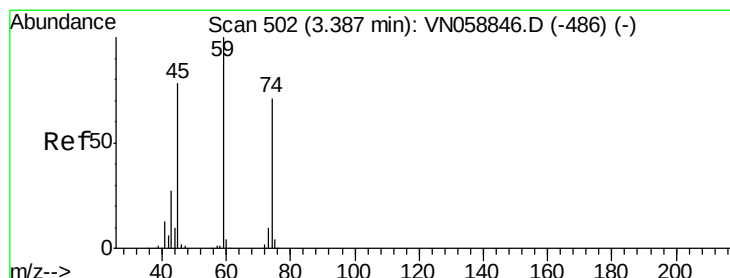
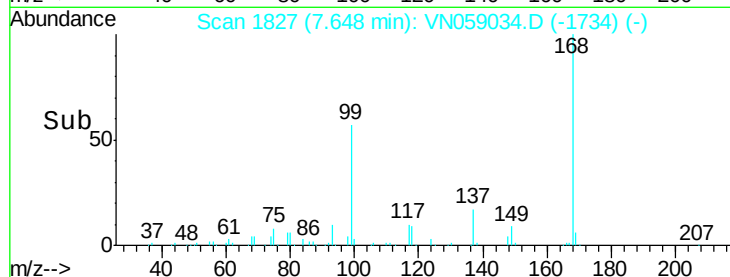
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 2.149 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059034.D

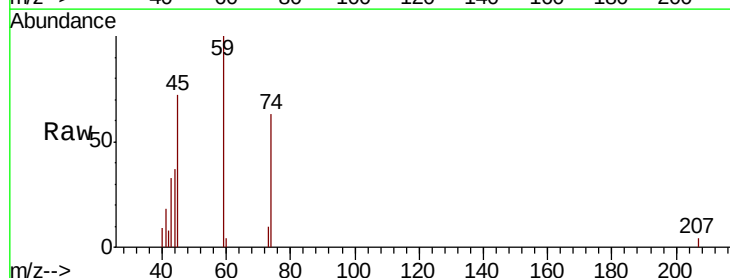
Acq: 31 Oct 2019 13:10

Tgt Ion: 74 Resp: 5615

Ion Ratio Lower Upper

74 100

45 116.0 54.9 164.5



Abundance Ion 74.00 (73.70 to 74.70): VN058846.D (-486) (-)

Ion 45.00 (44.70 to 45.70): VN058846.D (-486) (-)

3.39

3000

2500

2000

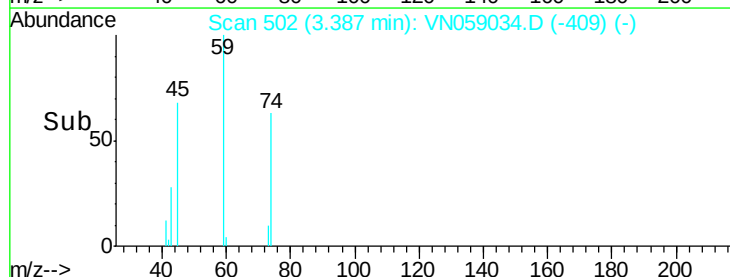
1500

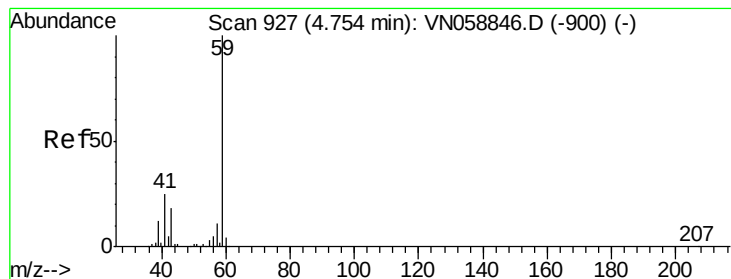
1000

500

0

Time--> 3.35 3.40 3.45



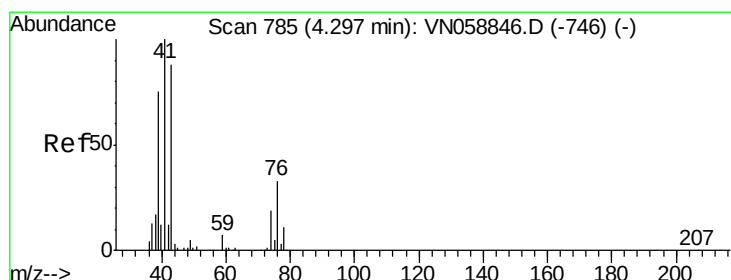
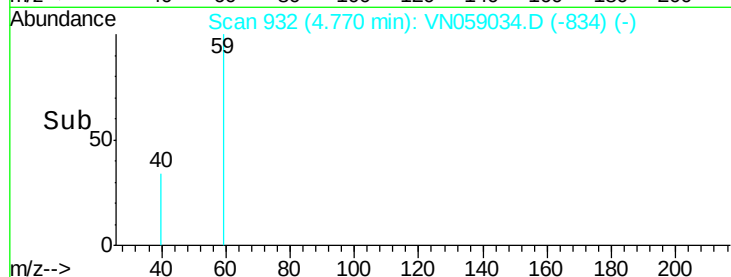
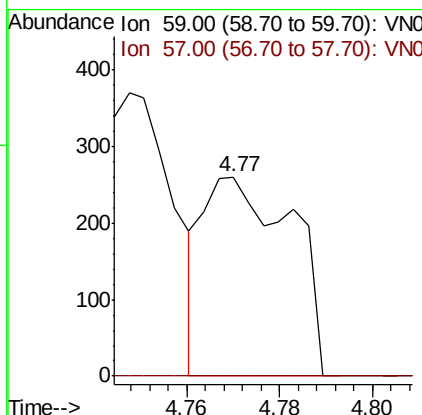
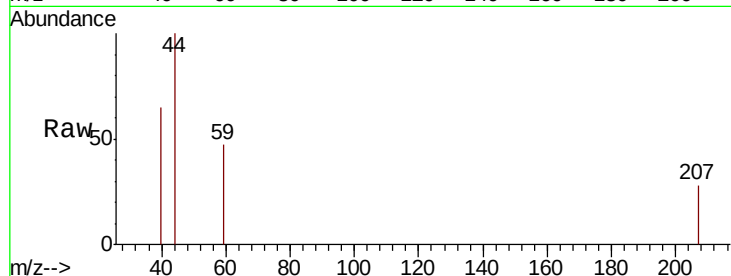


#11

Tert butyl alcohol
Concen: 0.353 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.02 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :

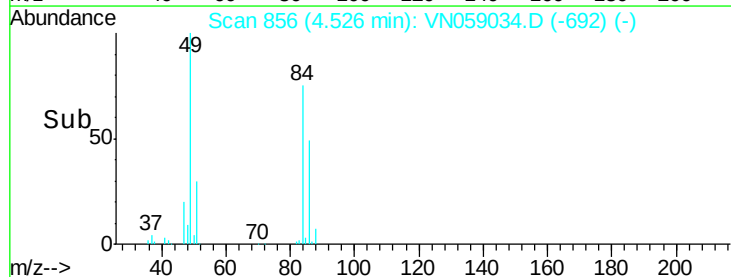
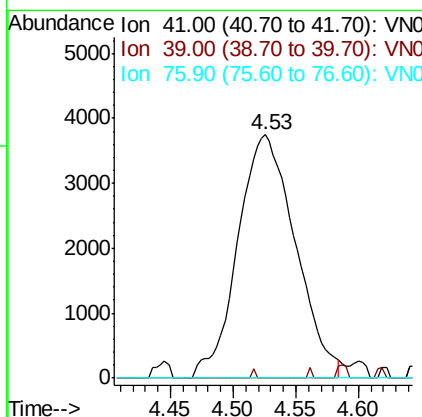
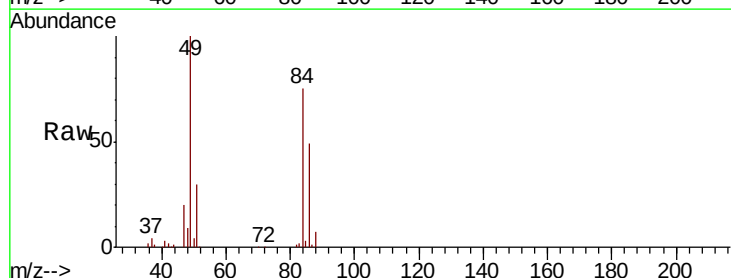
Tot Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

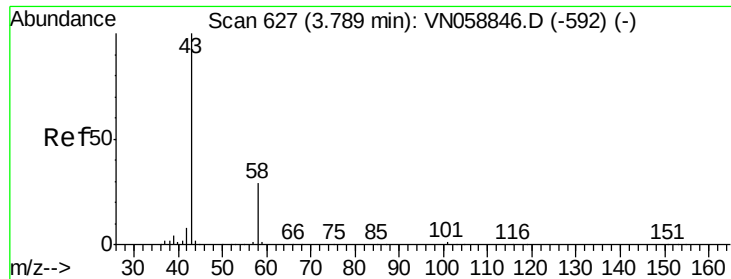


#14

Allyl chloride
Concen: 1.504 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Tgt Ion: 41 Resp: 11962
Ion Ratio Lower Upper
41 100
39 0.2 55.9 83.9#
76 0.0 24.1 36.1#





#16

Acetone

Concen: 9.544 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

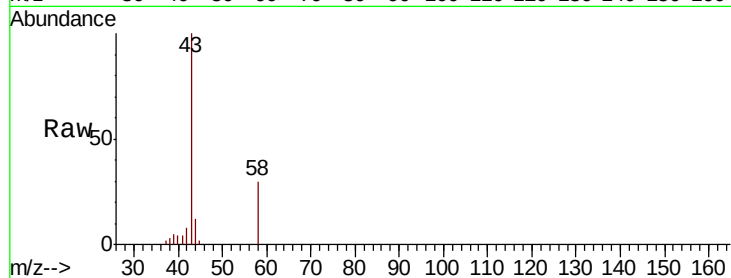
ClientSampled :

Tot Ion: 43 Resp: 27569

Ion Ratio Lower Upper

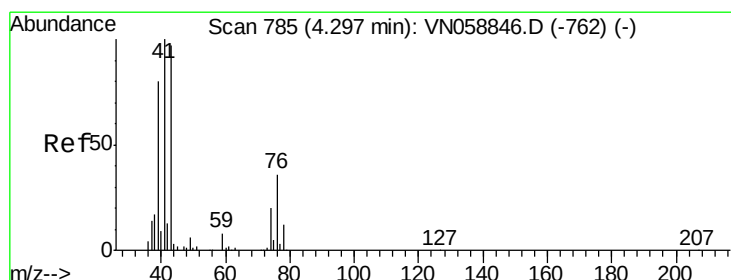
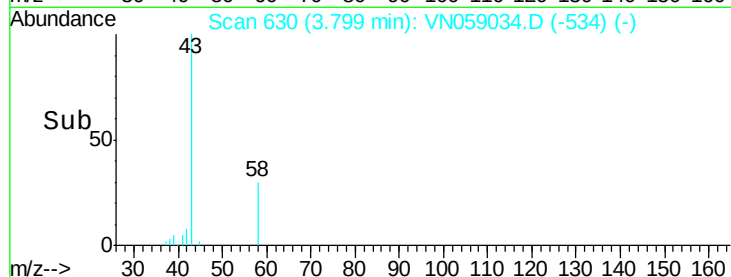
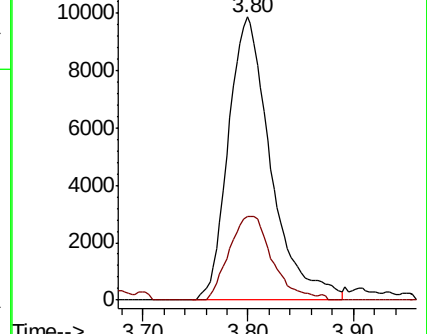
43 100

58 29.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.214 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059034.D

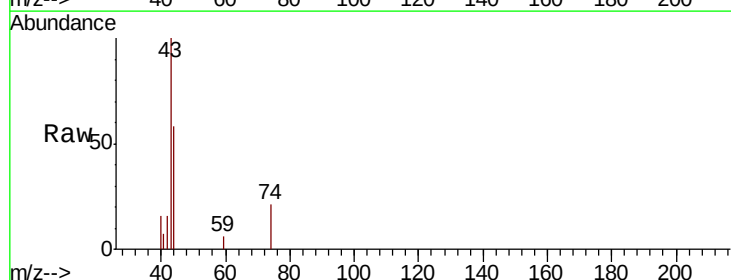
Acq: 31 Oct 2019 13:10

Tgt Ion: 43 Resp: 7972

Ion Ratio Lower Upper

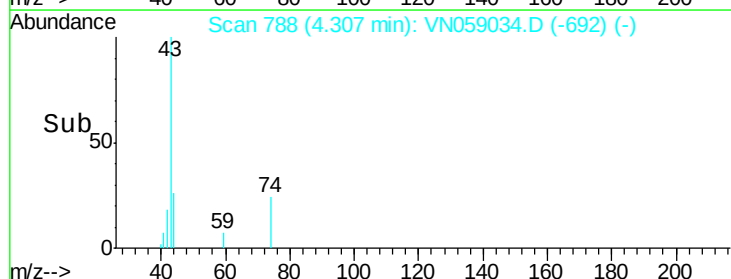
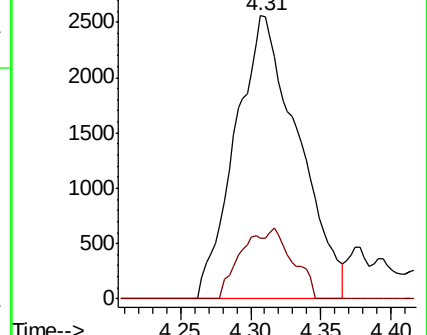
43 100

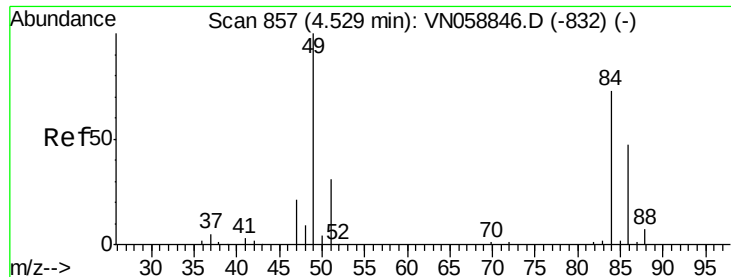
74 10.3 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

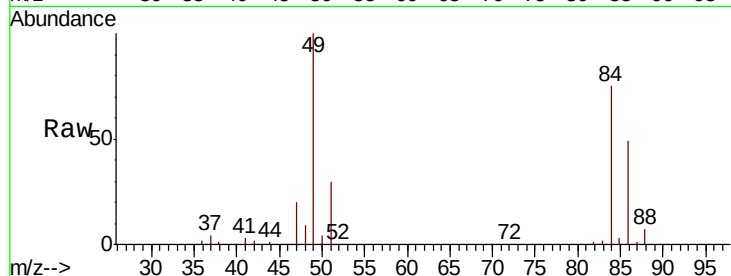




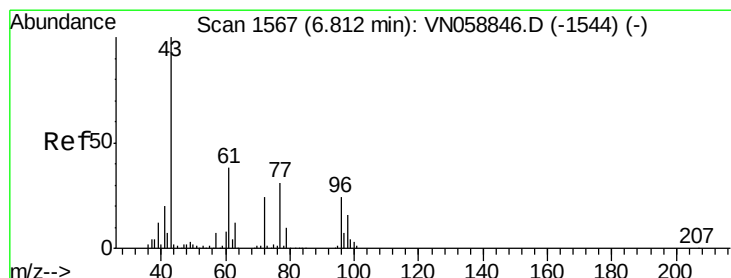
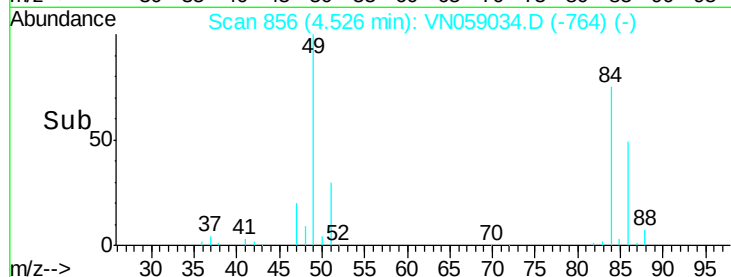
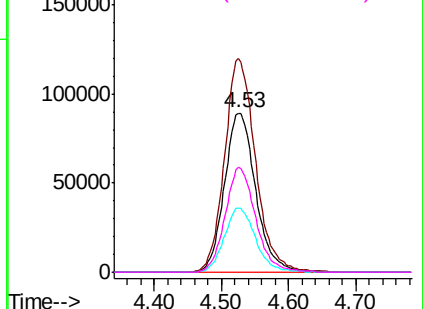
#20
Methvlene Chloride
Concen: 58.481 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 288451
Ion Ratio Lower Upper
84 100
49 134.2 109.6 164.4
51 40.5 33.8 50.6
86 65.8 51.5 77.3

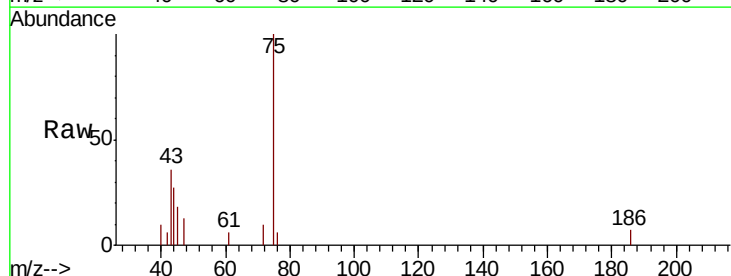


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

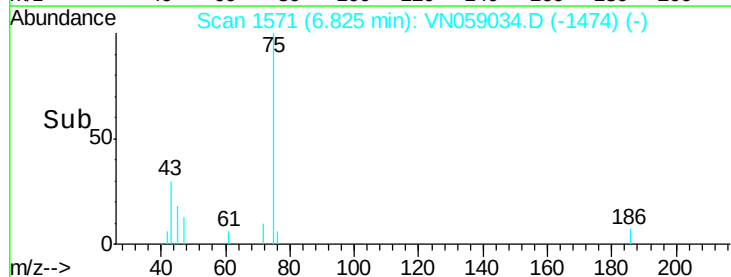
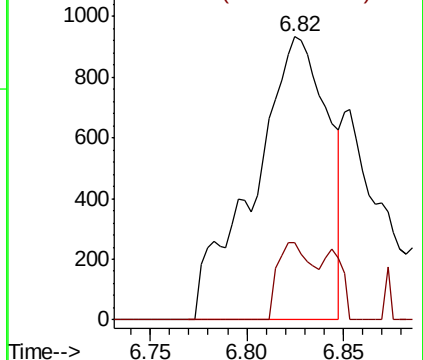


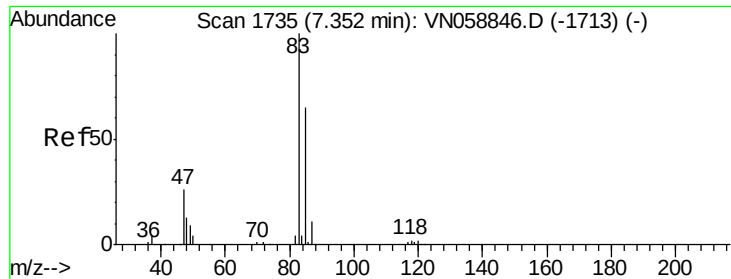
#25
2-Butanone
Concen: 0.664 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
72 27.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

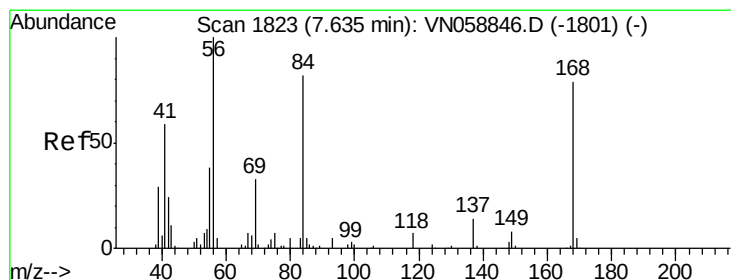
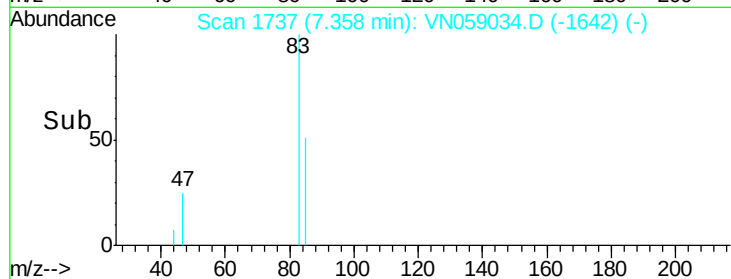
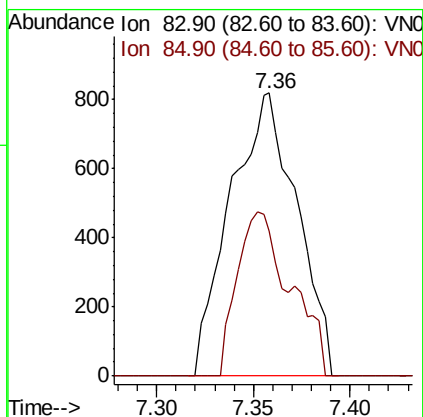
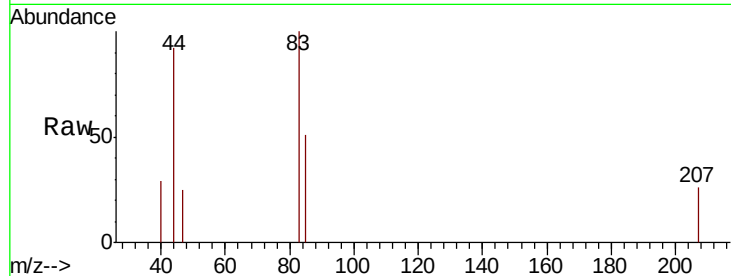




#30
Chloroform
Concen: 0.217 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

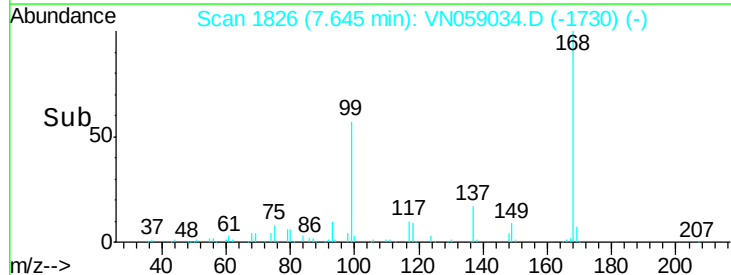
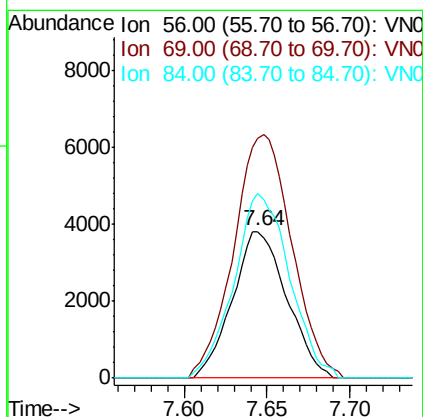
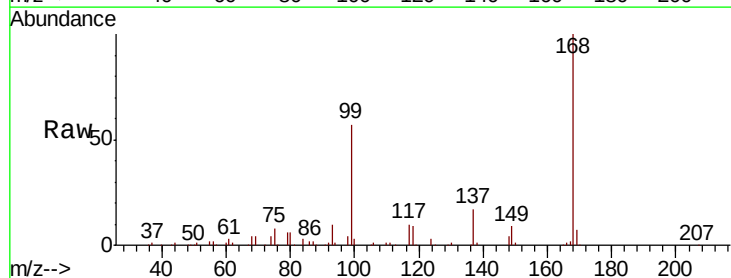
Instrument :
MSVOA_N
ClientSampleId :

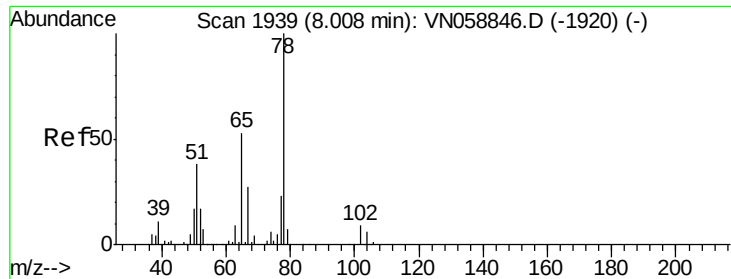
Tot Ion: 83 Resp: 1961
Ion Ratio Lower Upper
83 100
85 51.3 51.9 77.9#



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Tgt Ion: 56 Resp: 8685
Ion Ratio Lower Upper
56 100
69 163.2 26.2 39.4#
84 125.4 65.6 98.4#

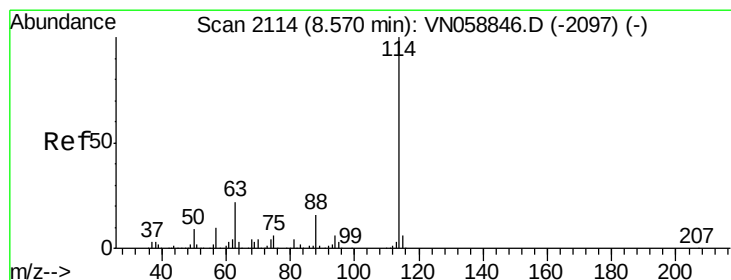
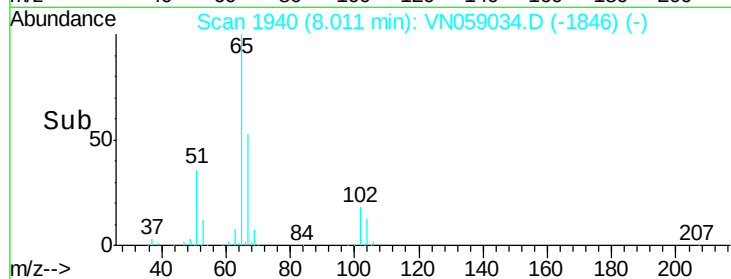
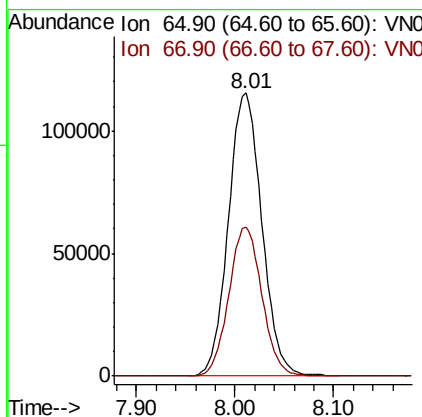
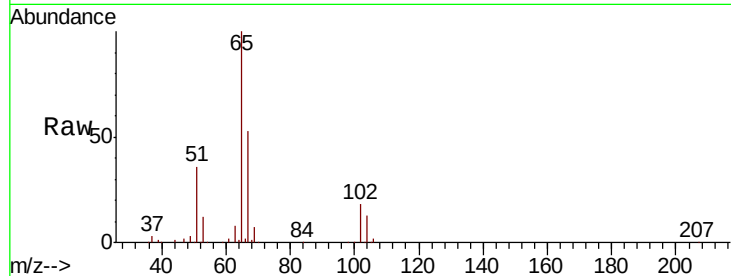




#33
 1,2-Dichloroethane-d4
 Concen: 46.638 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

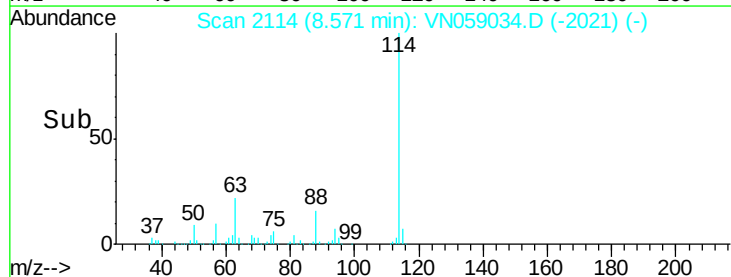
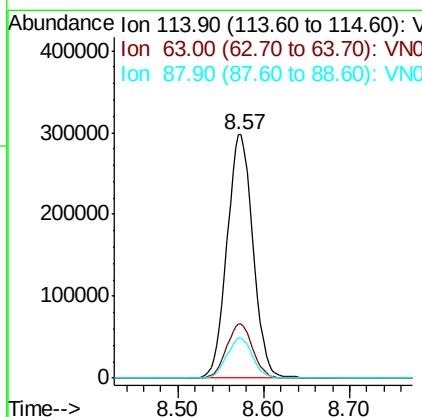
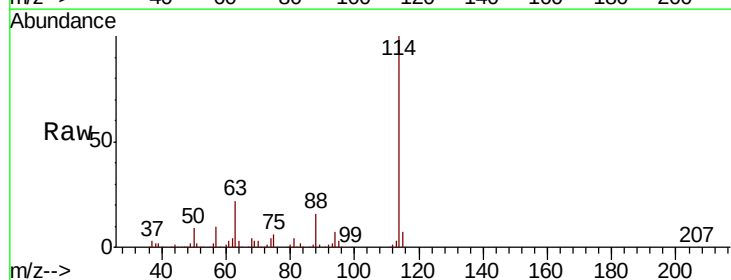
Instrument :
 MSVOA_N
 ClientSampled :

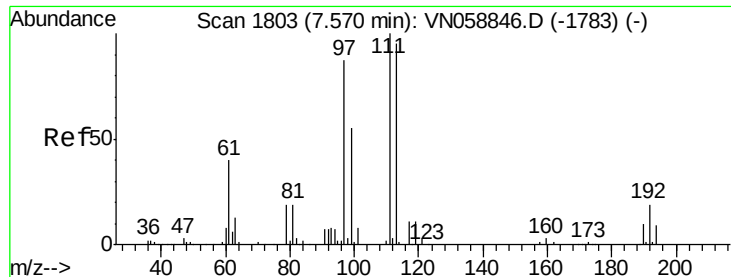
Tot Ion: 65 Resp: 272636
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Tgt Ion: 114 Resp: 623120
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.3 0.0 31.4

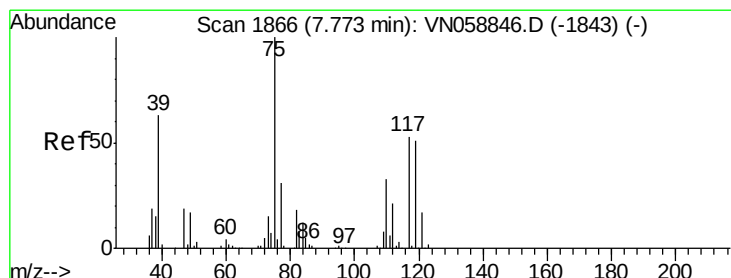
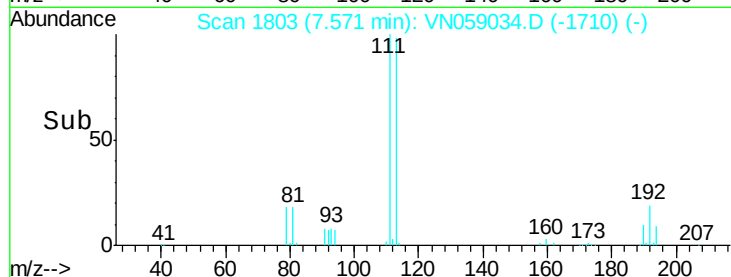
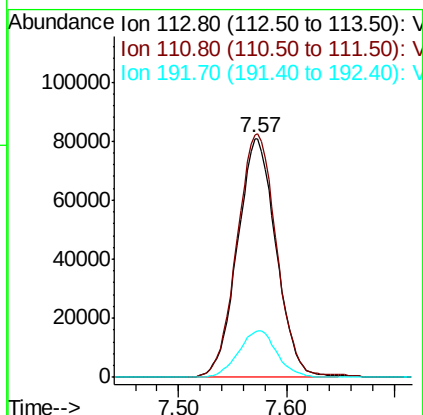
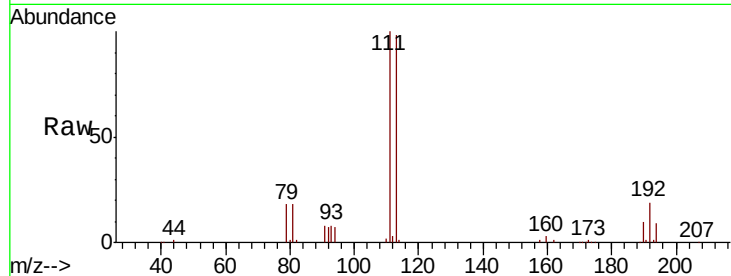




#35
 Dibromofluoromethane
 Concen: 49.045 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

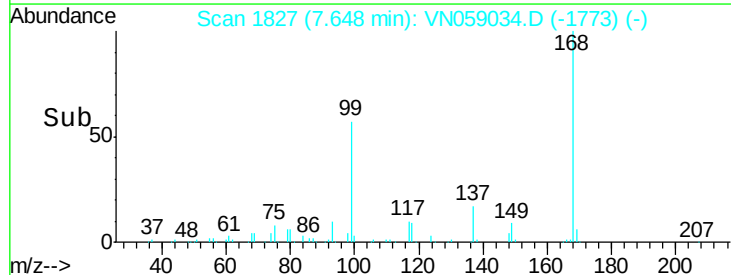
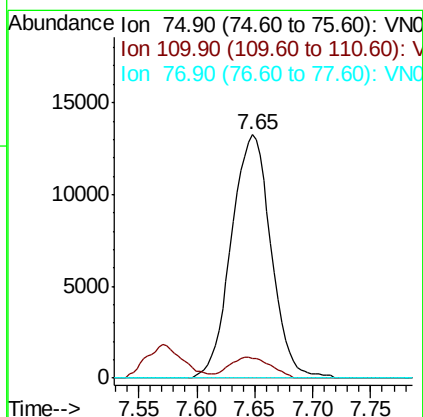
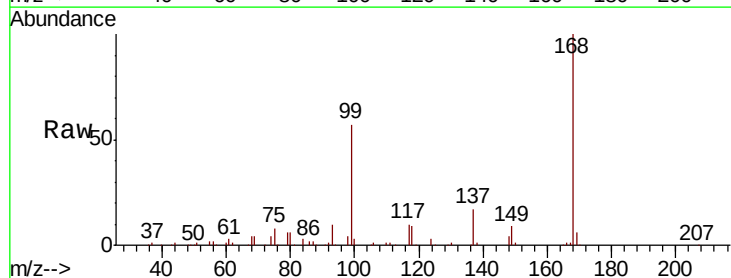
Instrument :
 MSVOA_N
 ClientSampleId :

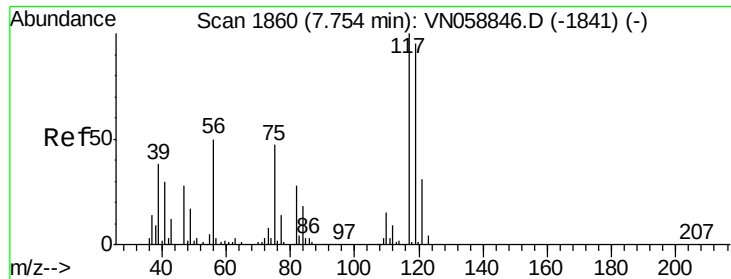
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	19.5	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.3	48.9#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.850 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

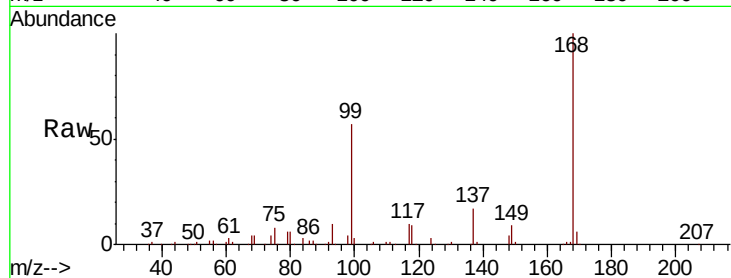
Tot Ion:117 Resp: 38448

Ion Ratio Lower Upper

117 100

119 4.8 75.7 113.5#

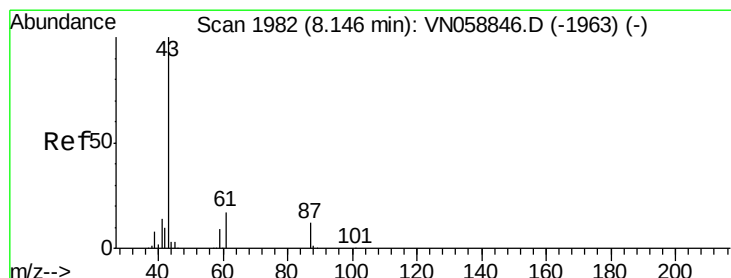
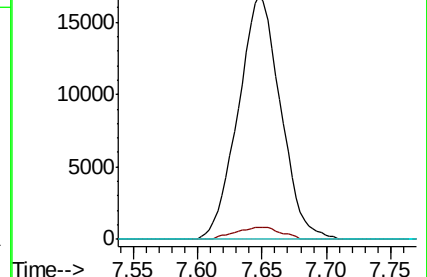
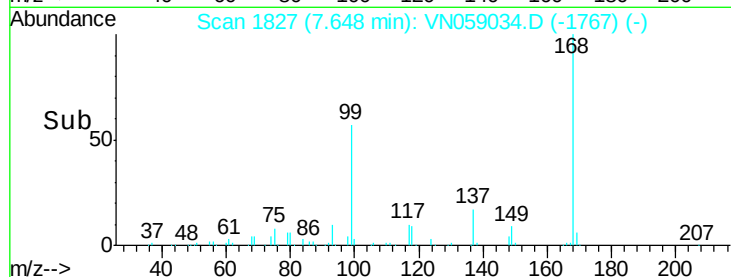
121 0.0 25.0 37.6#



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



#43

Isopropyl Acetate

Concen: 8.552 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

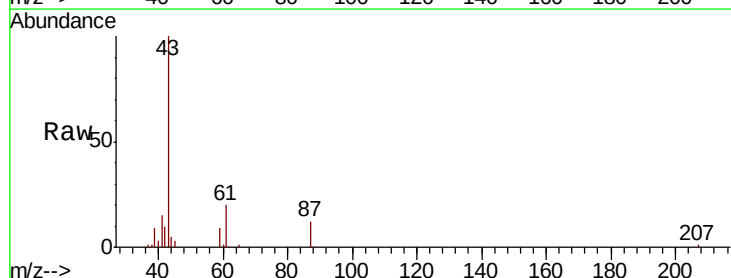
Tgt Ion: 43 Resp: 95337

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

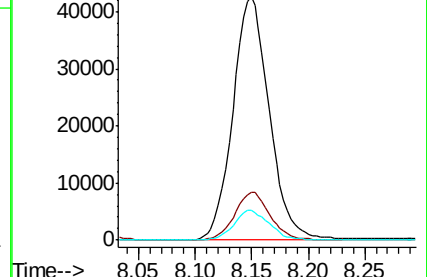
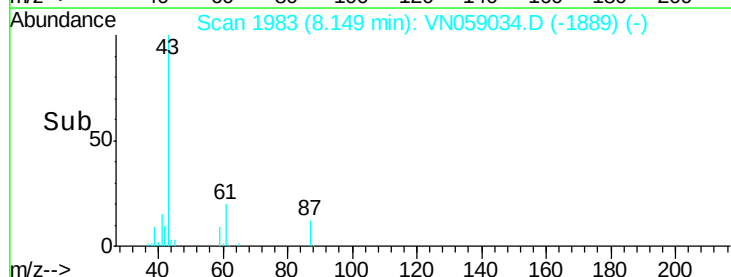
87 11.8 9.5 14.3

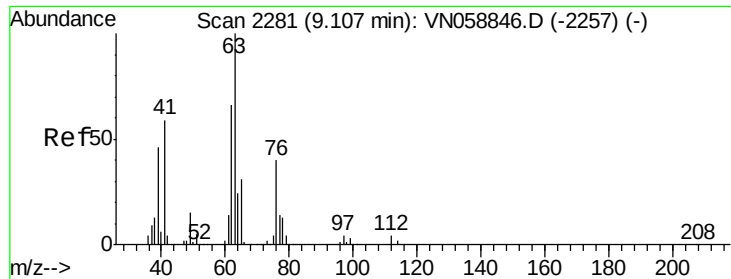


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.409 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

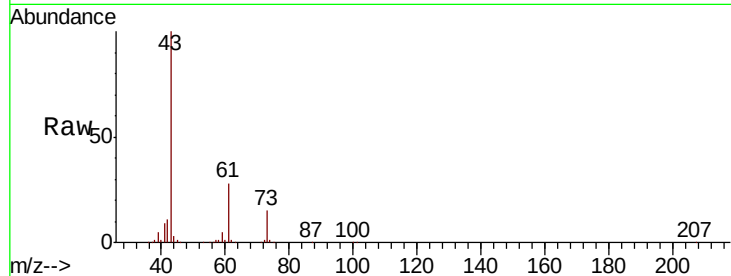
ClientSampled :

Tot Ion: 63 Resp: 2100

Ion Ratio Lower Upper

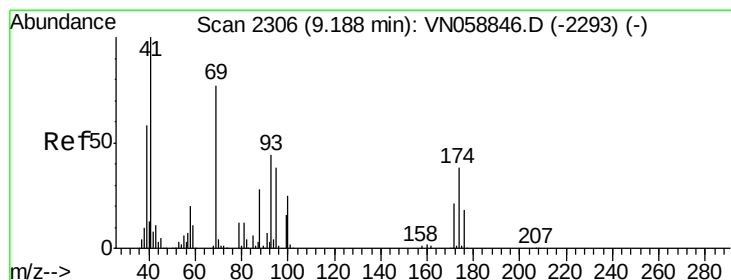
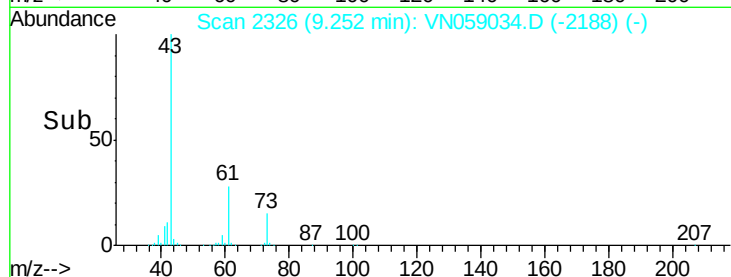
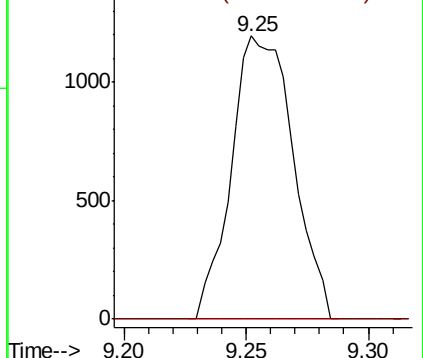
63 100

65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.199 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

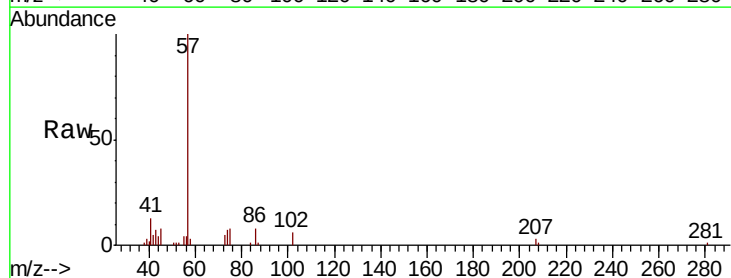
Tgt Ion: 41 Resp: 6066

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

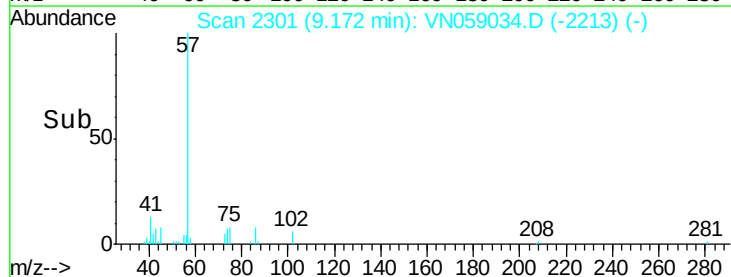
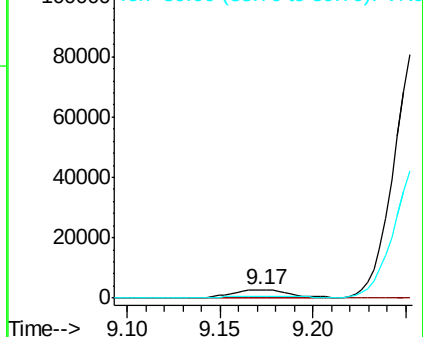
39 0.0 47.8 71.8#

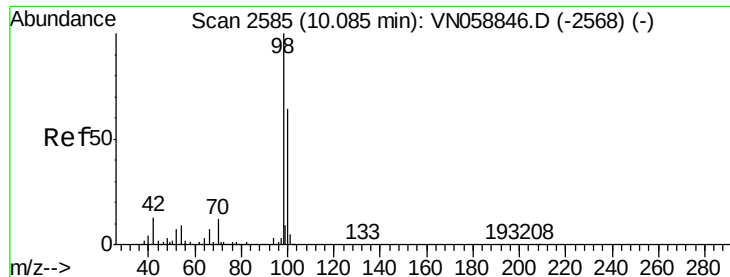


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 49.528 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

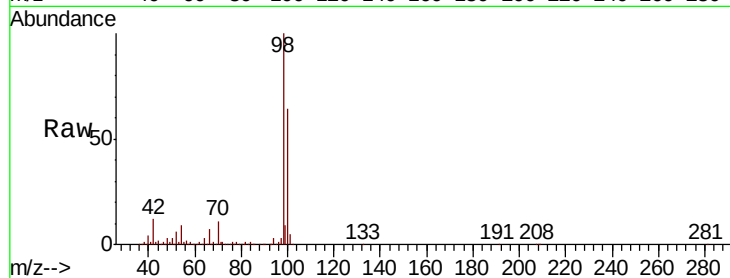
ClientSampleId :

Tot Ion: 98 Resp: 787665

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)

10.08

400000

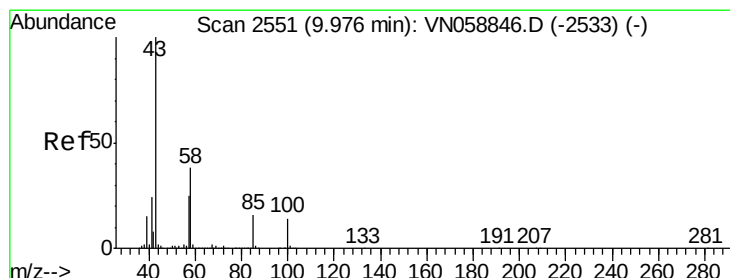
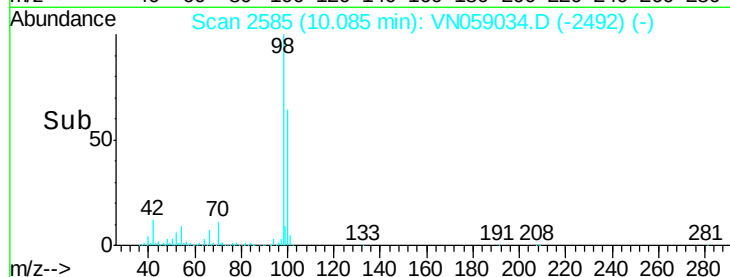
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.950 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN059034.D

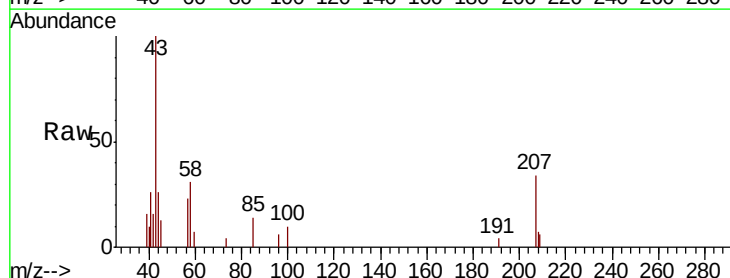
Acq: 31 Oct 2019 13:10

Tgt Ion: 43 Resp: 6185

Ion Ratio Lower Upper

43 100

58 41.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)

9.98

4000

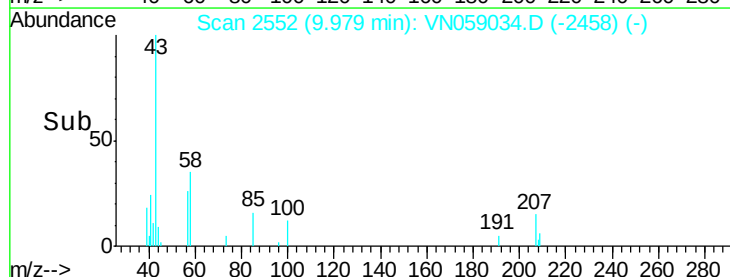
3000

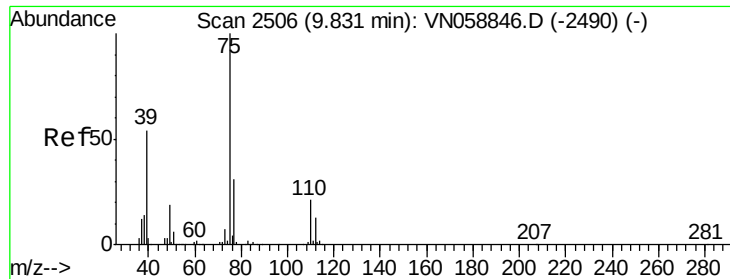
2000

1000

0

Time-->



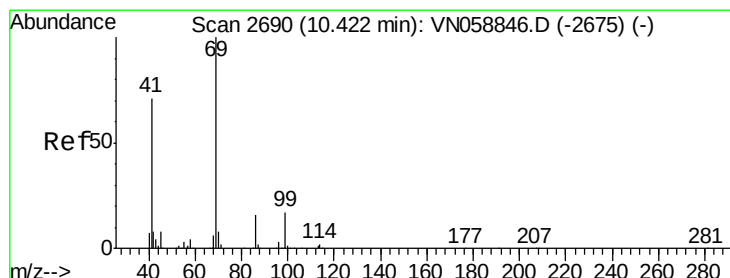
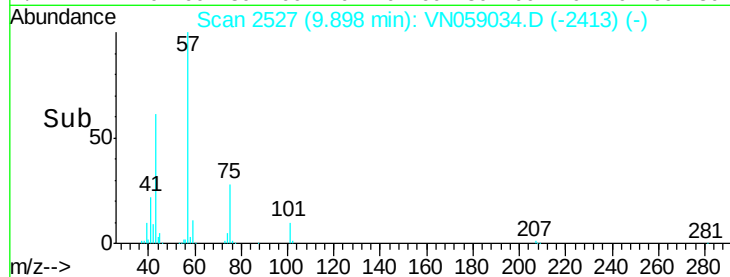
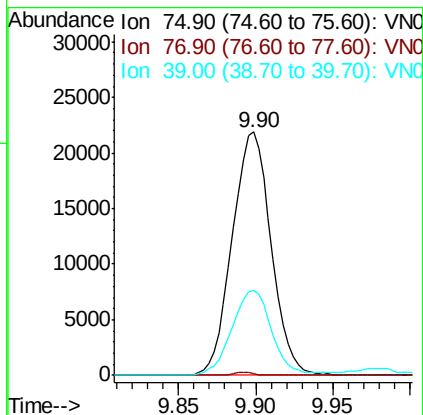
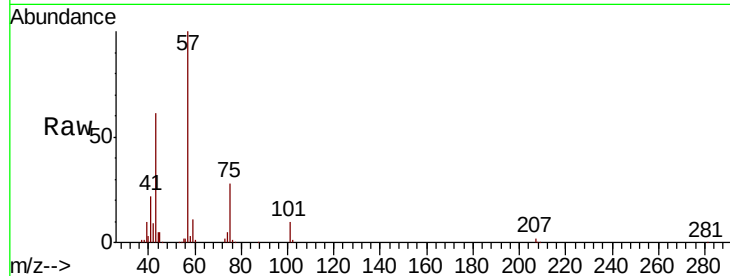


#54

cis-1,3-Dichloropropene
 Concen: 4.823 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.07 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :

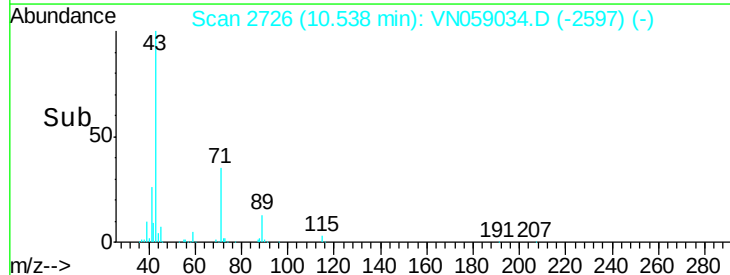
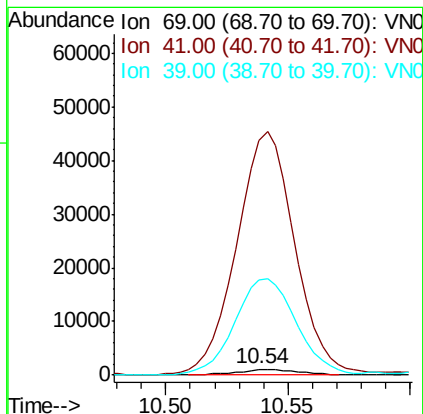
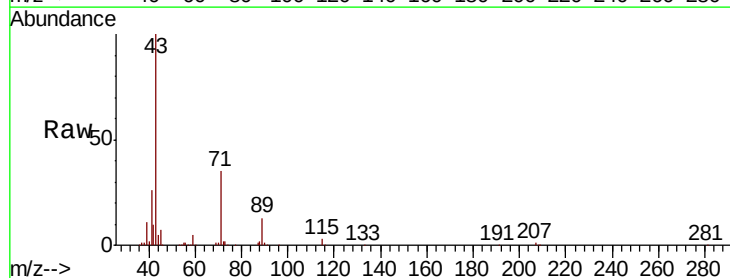
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.7	37.1#
39	35.1	43.5	65.3#

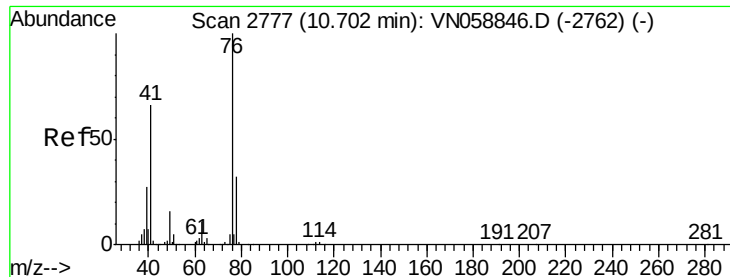


#56

Ethyl methacrylate
 Concen: 2.323 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.12 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4202.8	57.2	85.8#
39	1747.6	31.0	46.4#

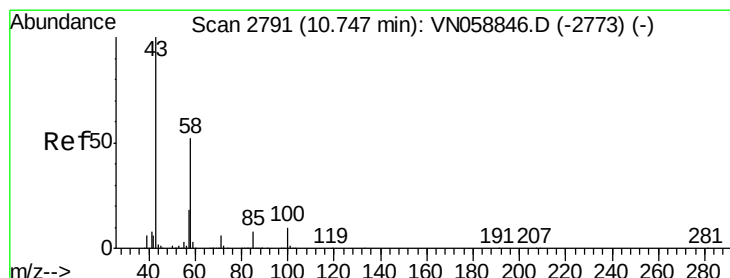
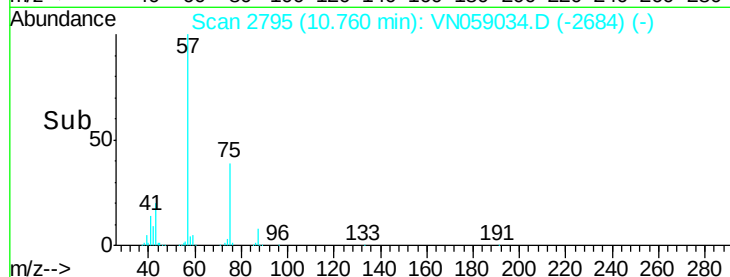
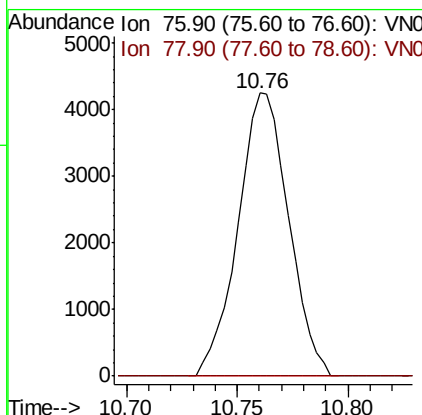
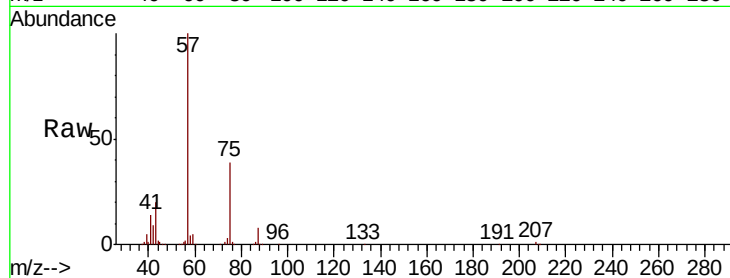




#57
 1,3-Dichloropropane
 Concen: 0.844 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

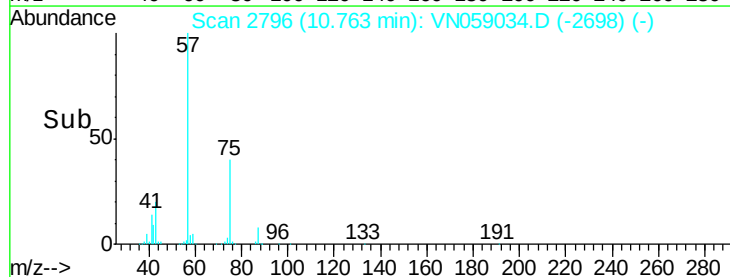
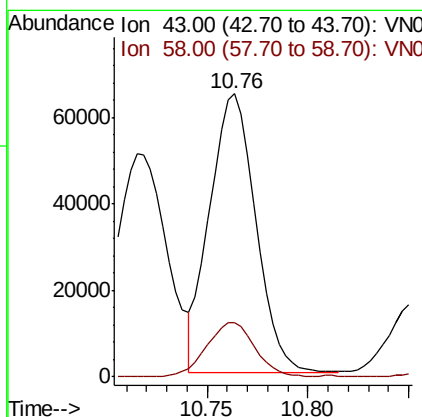
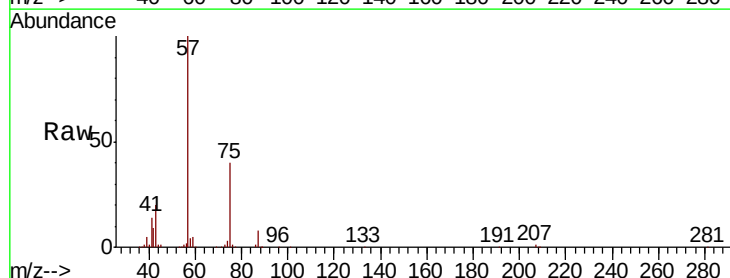
Instrument :
 MSVOA_N
 ClientSampled :

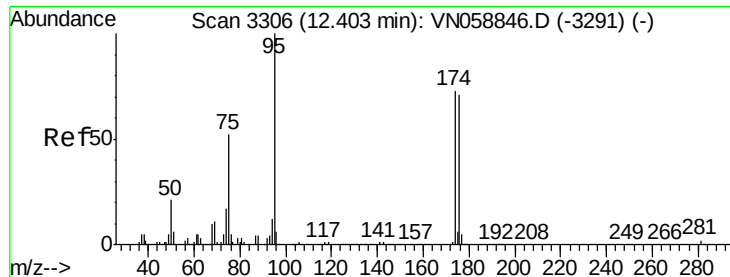
Tot Ion: 76 Resp: 6783
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



#59
 2-Hexanone
 Concen: 20.432 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Tgt Ion: 43 Resp: 102808
 Ion Ratio Lower Upper
 43 100
 58 20.4 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 43.263 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

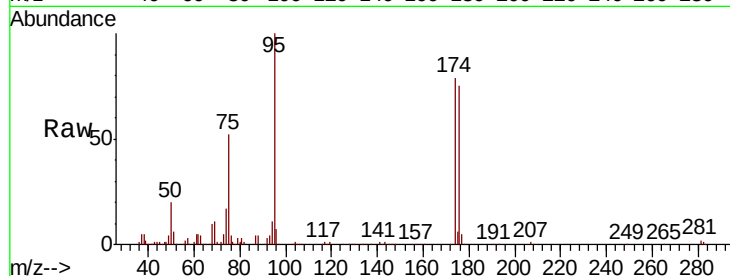
Tot Ion: 95 Resp: 252664

Ion Ratio Lower Upper

95 100

174 77.8 0.0 147.6

176 73.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.41

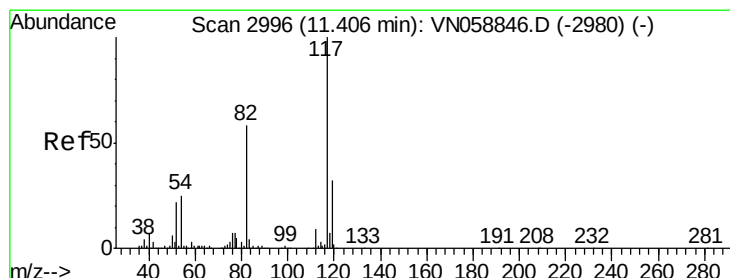
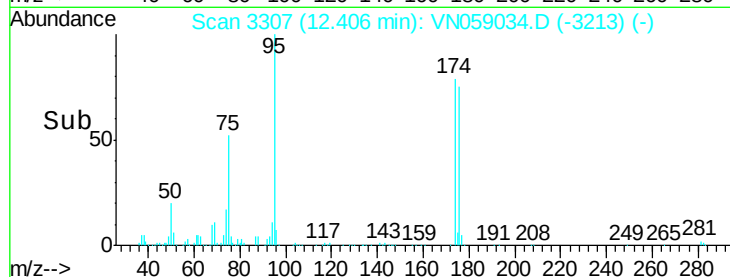
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

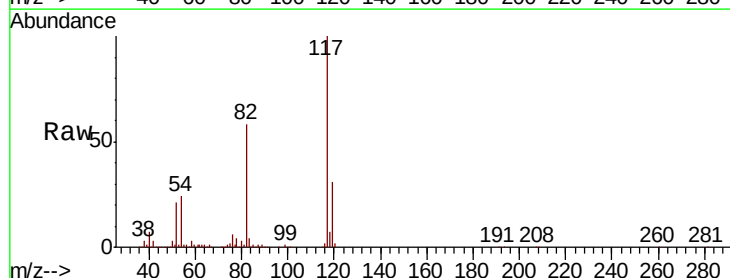
Tgt Ion: 117 Resp: 568815

Ion Ratio Lower Upper

117 100

82 57.5 46.6 69.8

119 31.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

400000

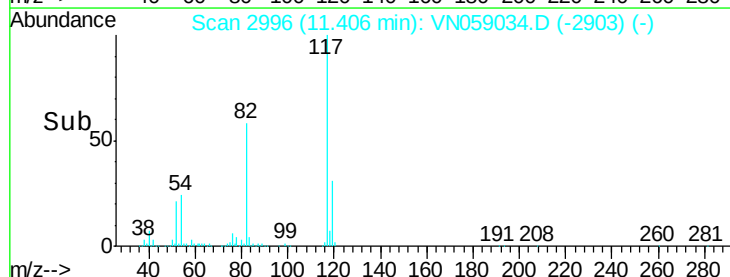
300000

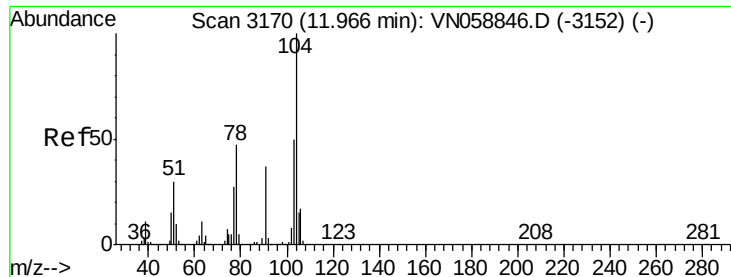
200000

100000

0

Time--> 11.30 11.40 11.50

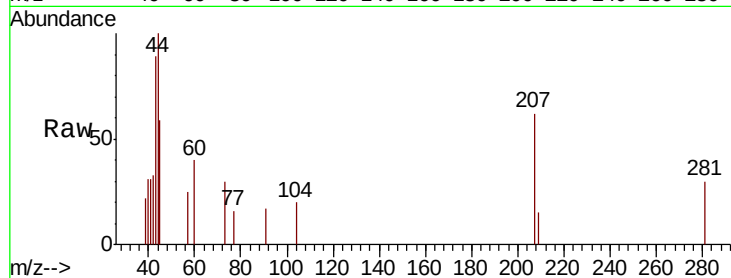




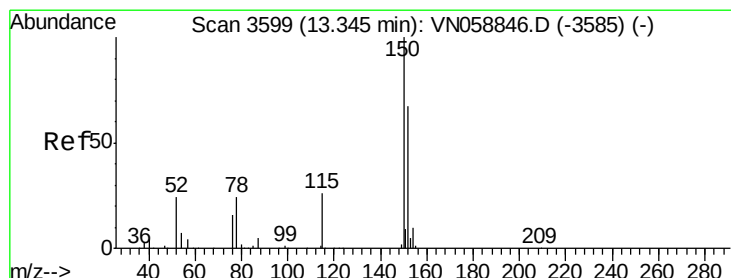
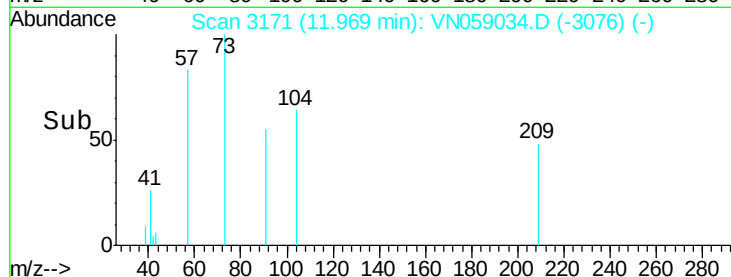
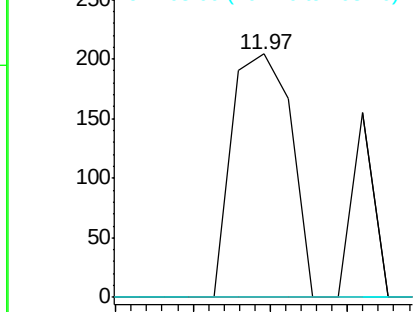
#70
Stvrene
Concen: 1.722 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.8	64.2#
103	0.0	44.3	66.5#

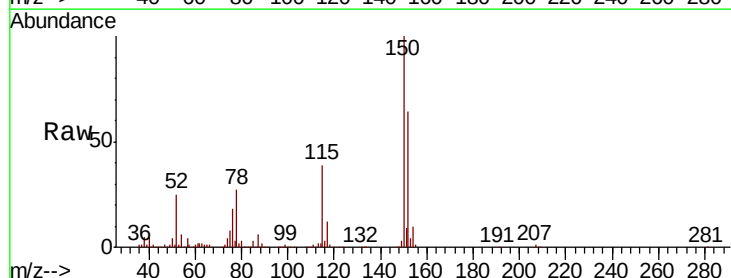


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

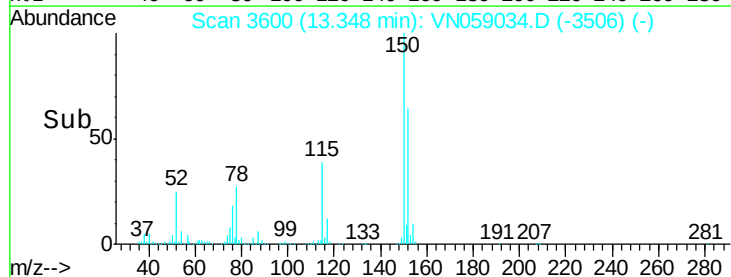
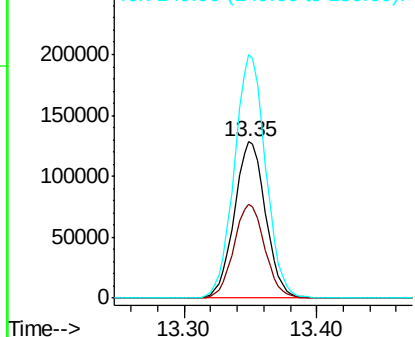


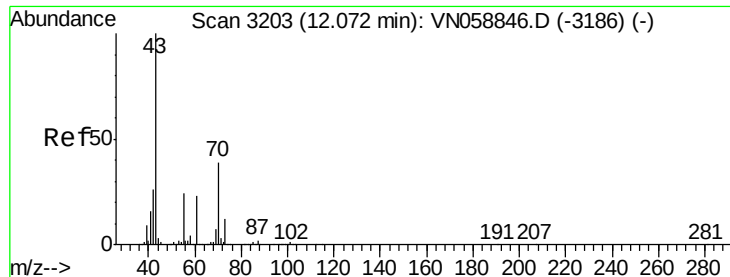
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.5	91.5
150	155.8	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

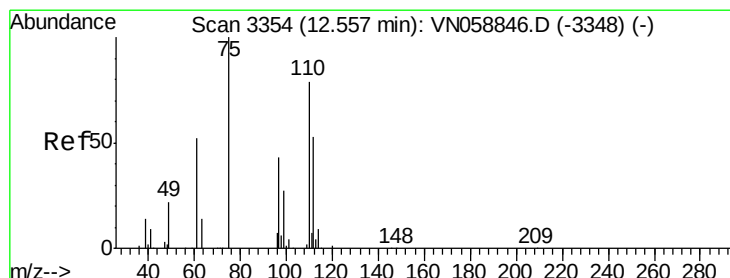
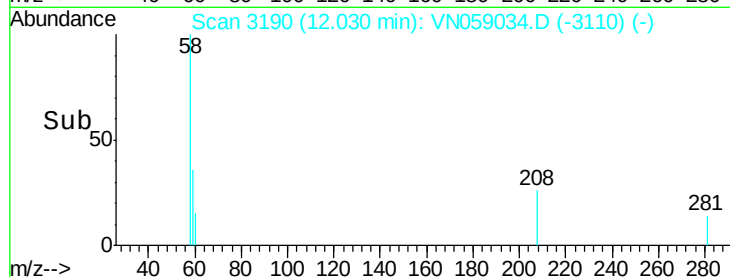
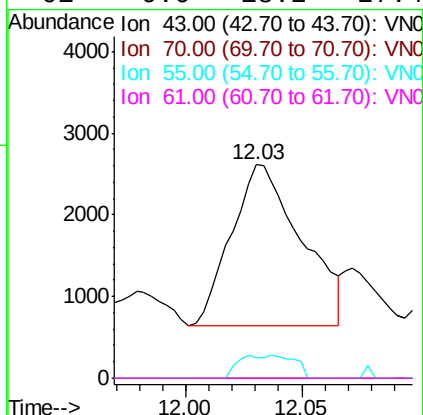
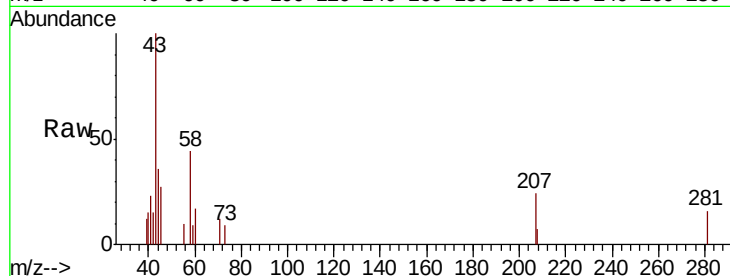




#74
N-amvl acetate
Concen: 0.592 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

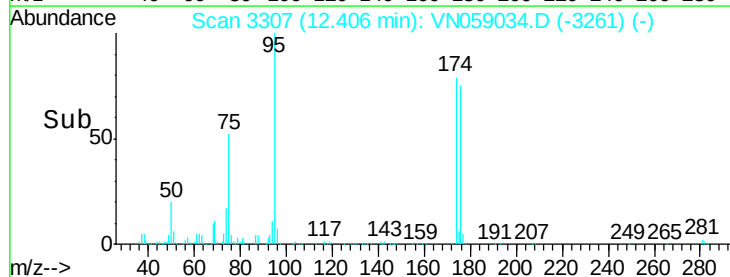
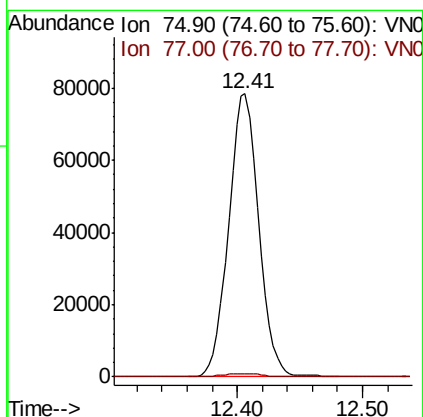
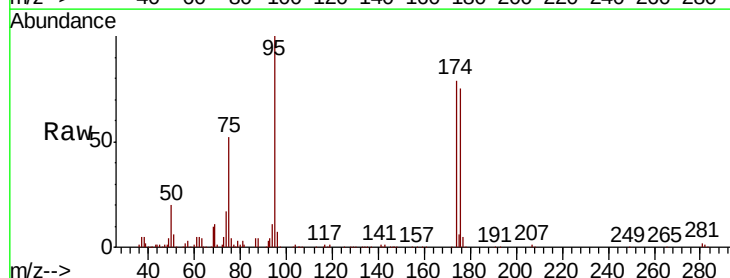
Instrument :
MSVOA_N
ClientSampleId :

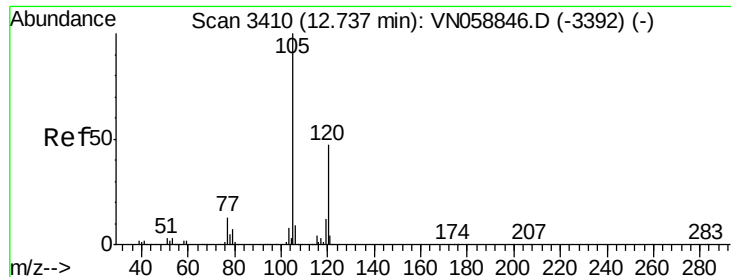
Tot Ion:	43	Resp:	4128
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	5.5	19.7	29.5#
61	0.0	18.2	27.4#



#76
1,2,3-Trichloropropane
Concen: 26.747 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN059034.D
Acq: 31 Oct 2019 13:10

Tgt Ion:	75	Resp:	130407
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.308 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

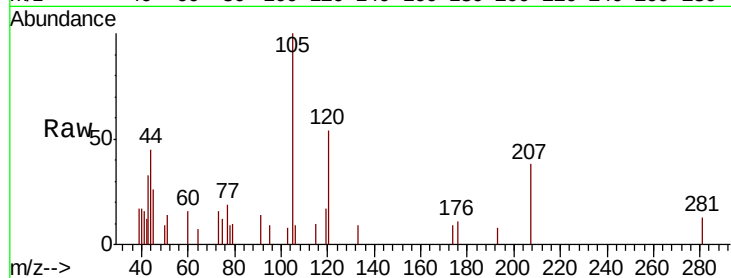
ClientSampled :

Tot Ion:105 Resp: 3977

Ion Ratio Lower Upper

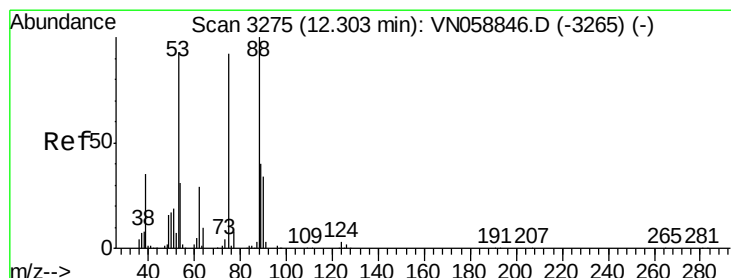
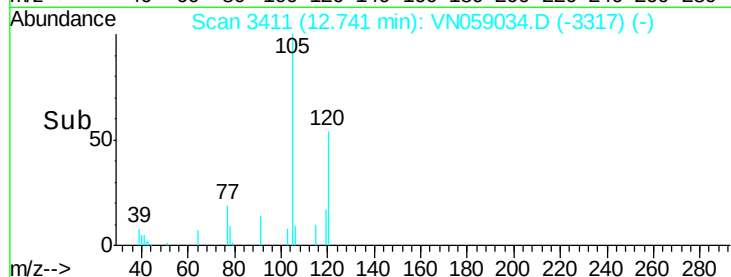
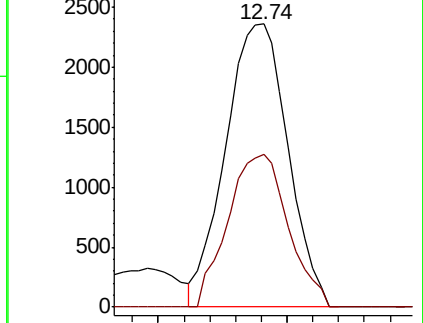
105 100

120 52.2 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.677 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

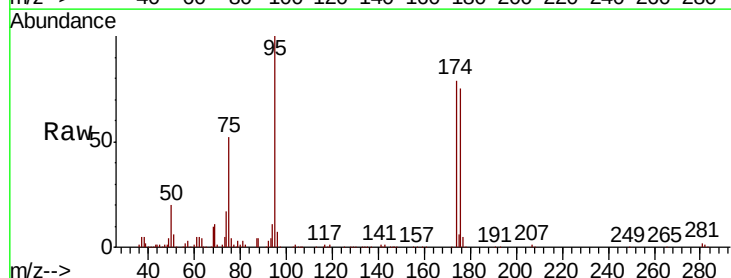
Tgt Ion: 75 Resp: 130407

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

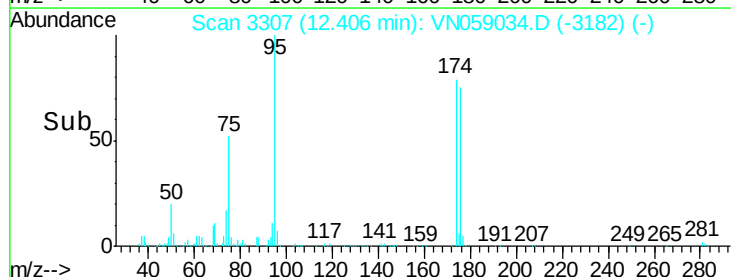
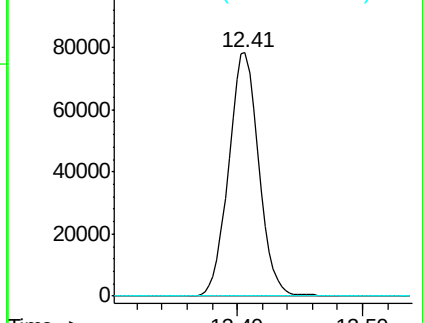
89 0.0 35.4 53.0#

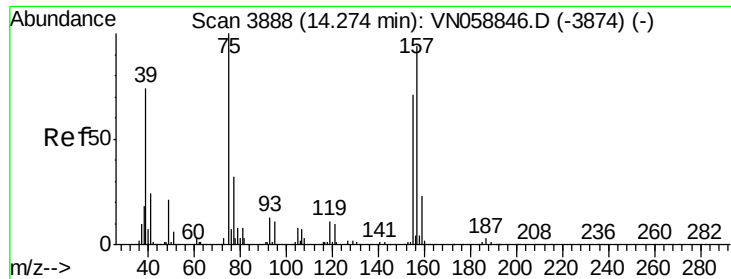


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

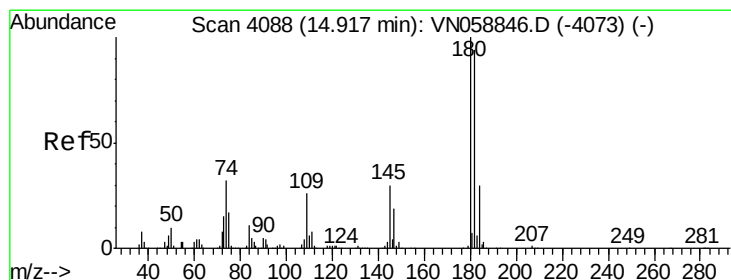
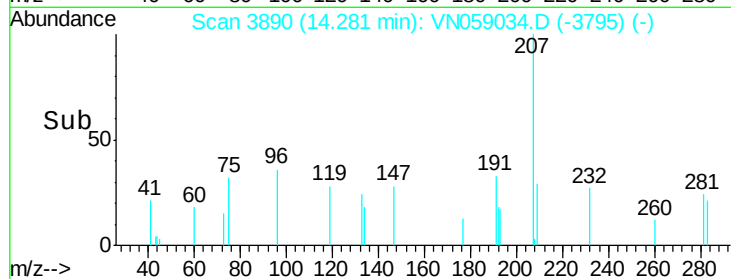
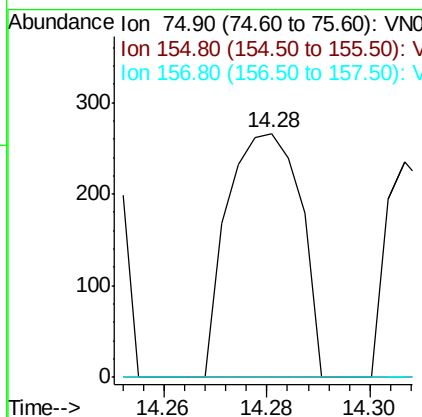
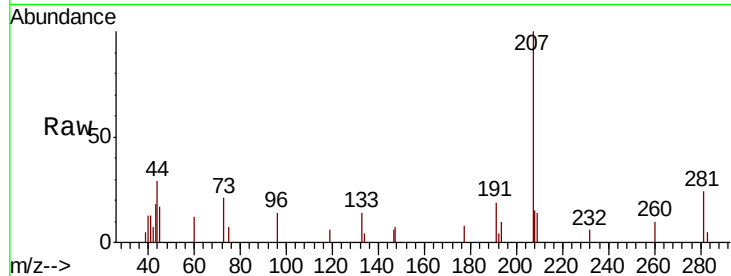




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.213 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

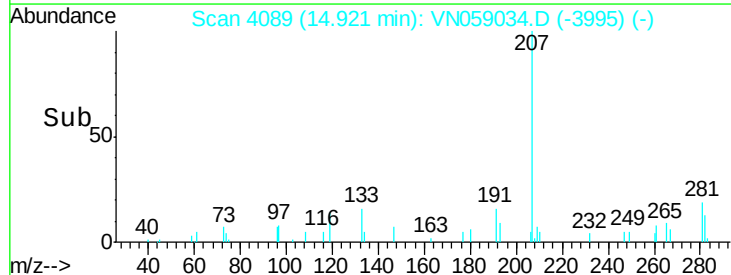
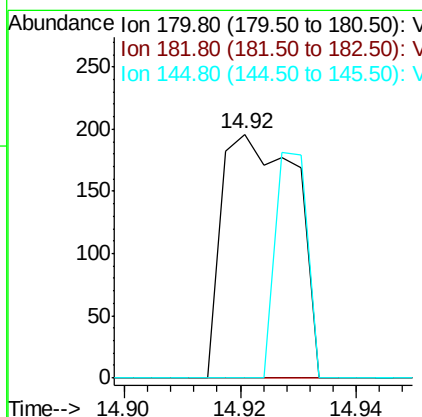
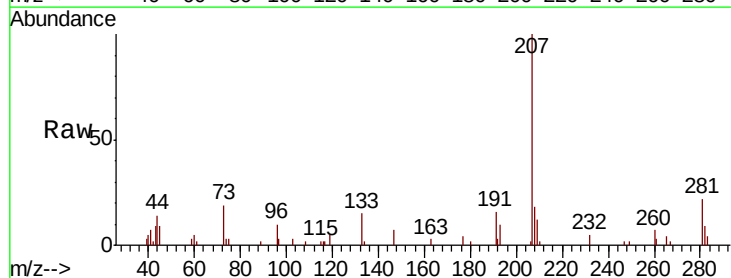
Instrument :
 MSVOA_N
 ClientSampleId :

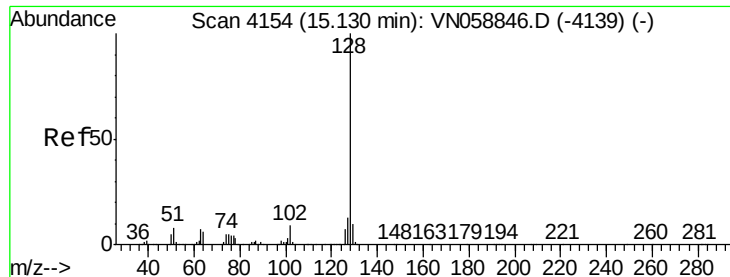
Tot Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.6 106.8#
 157 0.0 47.4 142.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.560 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN059034.D
 Acq: 31 Oct 2019 13:10

Tgt Ion: 180 Resp: 173
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 39.9 15.3 45.8





#95

Naphthalene

Concen: 3.444 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

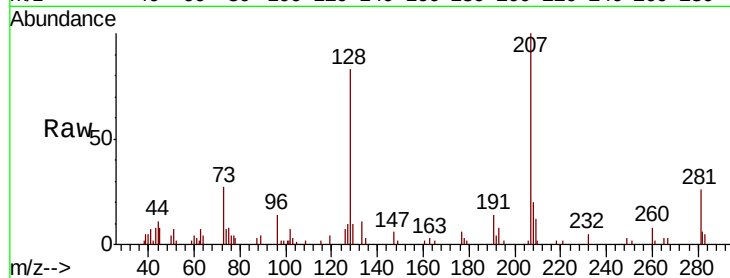
Tot Ion:128 Resp: 15372

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

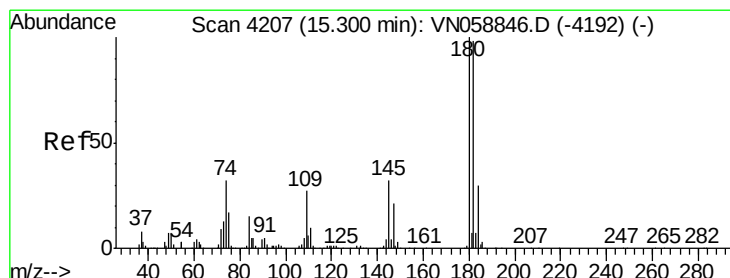
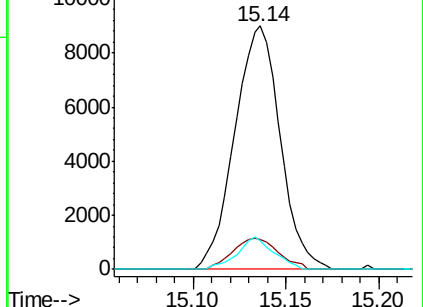
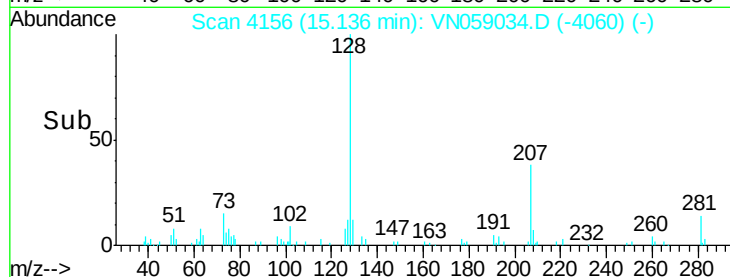
129 10.6 8.4 12.6



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: 2.467 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN059034.D

Acq: 31 Oct 2019 13:10

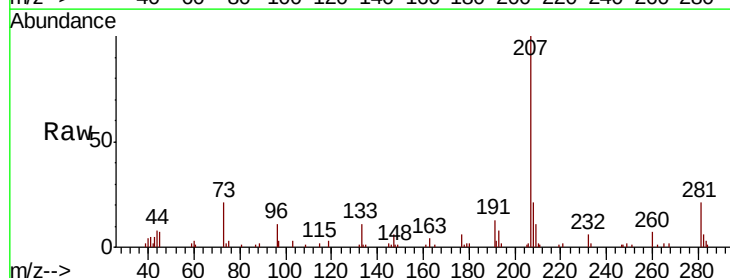
Tgt Ion:180 Resp: 312

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 113.8 15.9 47.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

