

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059035.D
 Acq On : 31 Oct 2019 13:32
 Operator : JC/SP
 Sample : K5615-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 01:10:59 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	394503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	618828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196682	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	268366	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	7.57	113	200841	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	10.09	98	780750	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.41	95	243567	41.99	ug/l	0.00
Spiked Amount			Recovery	=	83.98%	

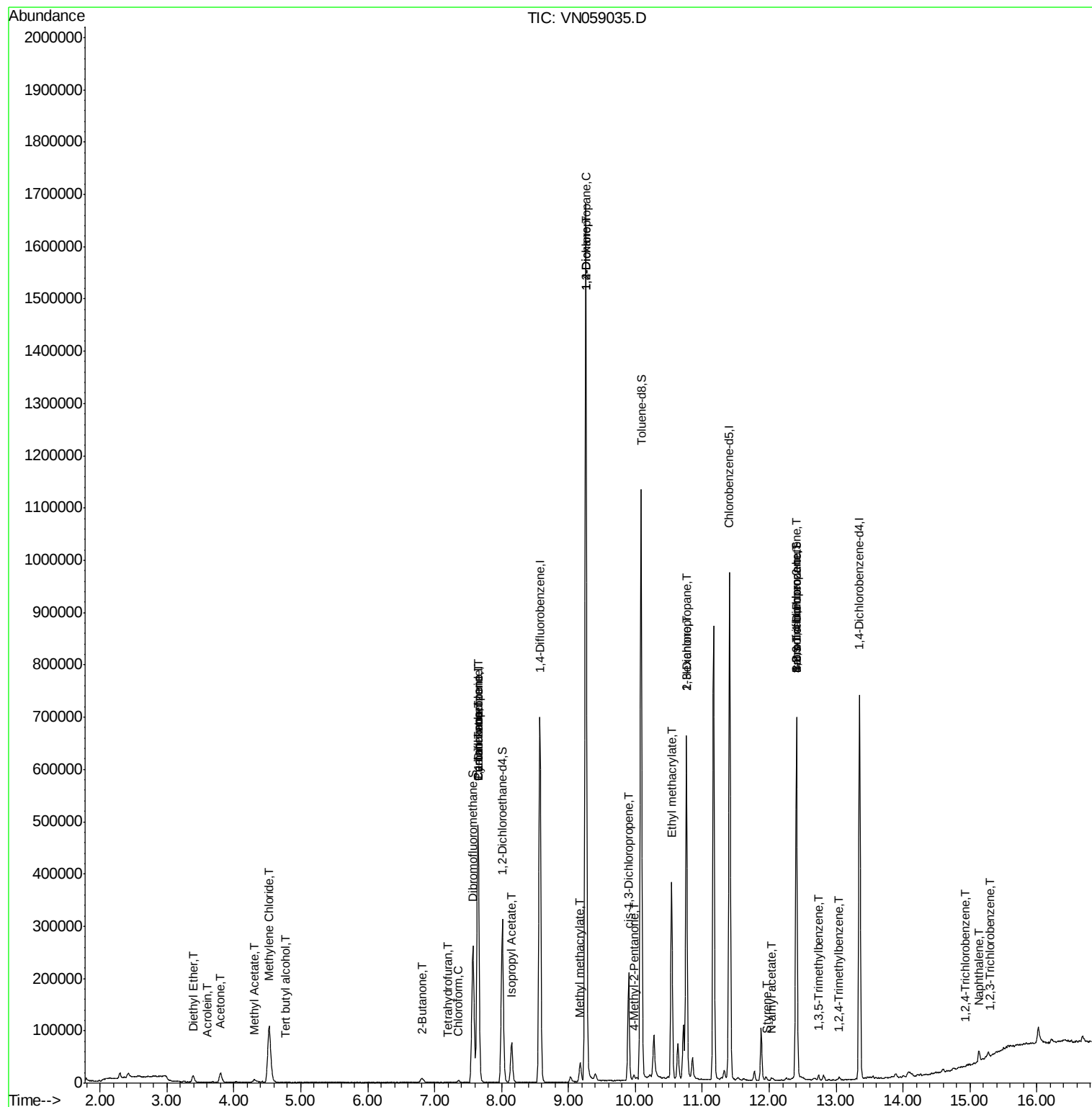
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	5848	2.261	ug/l	96
11) Tert butyl alcohol	4.77	59	532	0.554	ug/l #	72
13) Acrolein	3.59	56	152	0.230	ug/l #	64
16) Acetone	3.80	43	31342	10.962	ug/l	98
18) Methyl Acetate	4.31	43	10216	1.572	ug/l #	75
20) Methylene Chloride	4.53	84	82835	16.967	ug/l	97
25) 2-Butanone	6.82	43	6542	1.763	ug/l #	86
29) Tetrahydrofuran	7.19	42	1035	0.456	ug/l #	36
30) Chloroform	7.36	83	4068	0.454	ug/l	95
31) Cyclohexane	7.65	56	8611	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	30919	4.880	ug/l #	50
38) Carbon Tetrachloride	7.65	117	38594	5.913	ug/l #	17
43) Isopropyl Acetate	8.15	43	89790	8.110	ug/l #	92
45) 1,2-Dichloropropane	9.27	63	1836	0.360	ug/l #	44
48) Methyl methacrylate	9.17	41	5986	1.192	ug/l #	14
49) 1,4-Dioxane	9.26	88	63	0.764	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4969	0.768	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	34521	4.391	ug/l #	66
56) Ethyl methacrylate	10.54	69	1618	2.301	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6928	0.869	ug/l #	43
59) 2-Hexanone	10.76	43	98496	19.711	ug/l #	55
70) Styrene	11.97	104	645	1.762	ug/l	96
71) Bromoform	12.40	173	1440	0.438	ug/l #	1
74) N-ethyl acetate	12.03	43	3844	0.590	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	124709	27.359	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4389	0.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	124709	71.271	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	3638	0.305	ug/l	93
93) 1,2,4-Trichlorobenzene	14.93	180	163	2.560	ug/l #	13
95) Naphthalene	15.13	128	17026	3.669	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	217	2.449	ug/l #	1

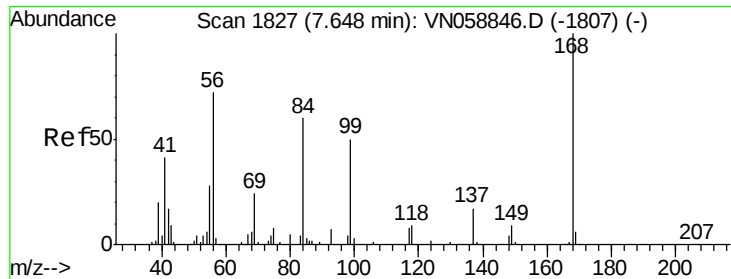
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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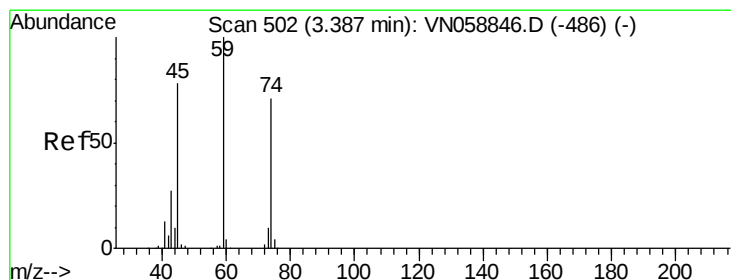
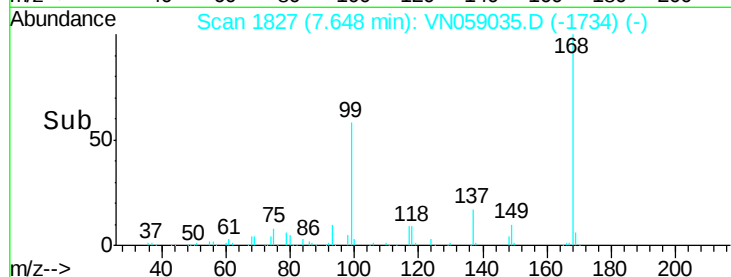
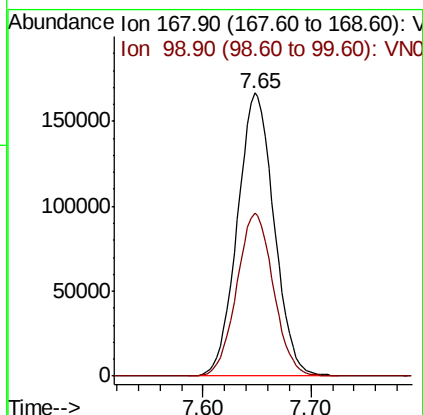
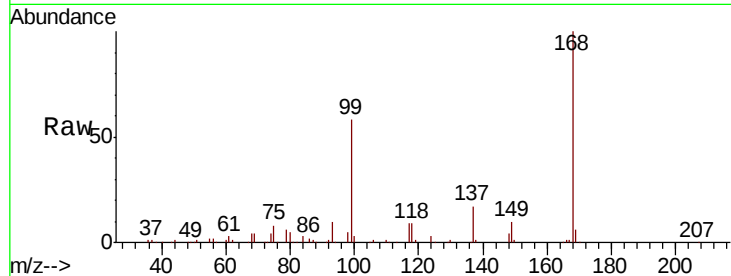




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

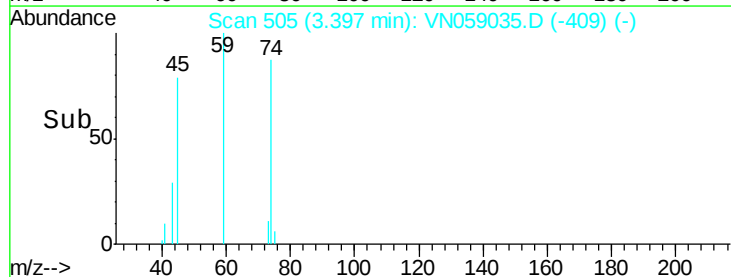
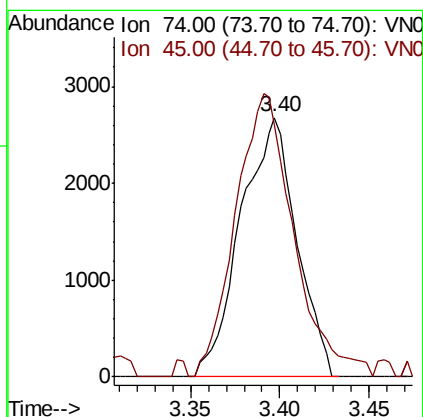
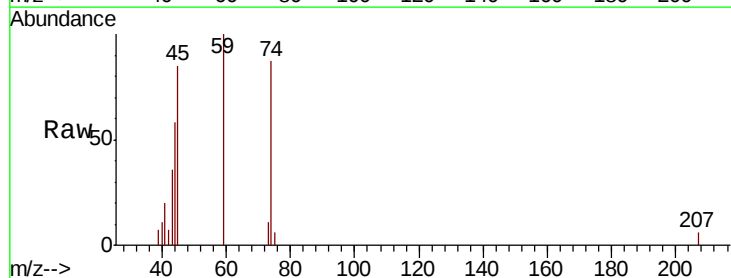
Instrument :
MSVOA_N
ClientSampled :

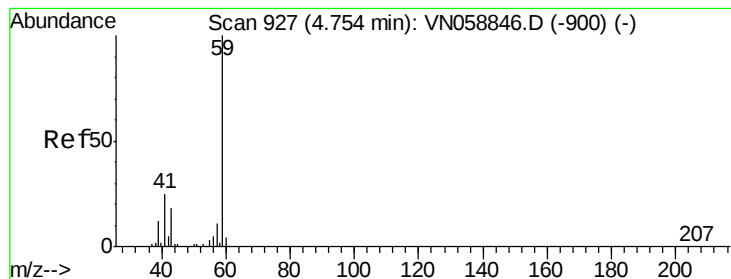
Tot Ion:168 Resp: 394503
Ion Ratio Lower Upper
168 100
99 57.6 48.1 72.1



#8
Diethyl Ether
Concen: 2.261 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion: 74 Resp: 5848
Ion Ratio Lower Upper
74 100
45 114.4 54.9 164.5



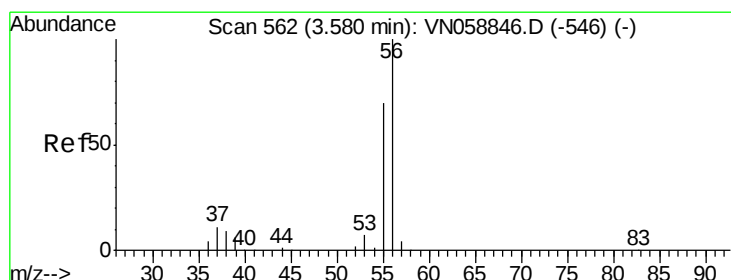
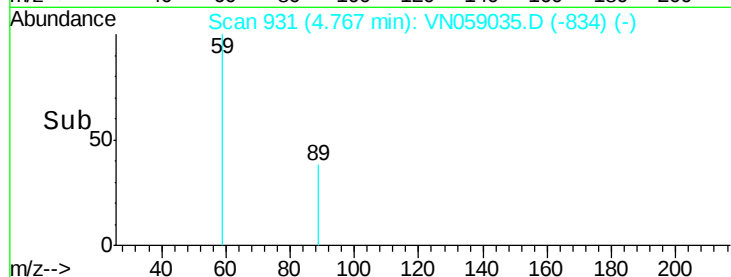
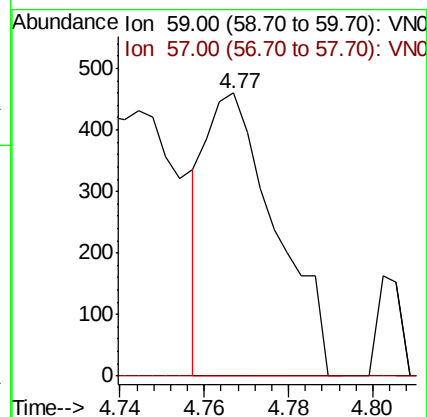
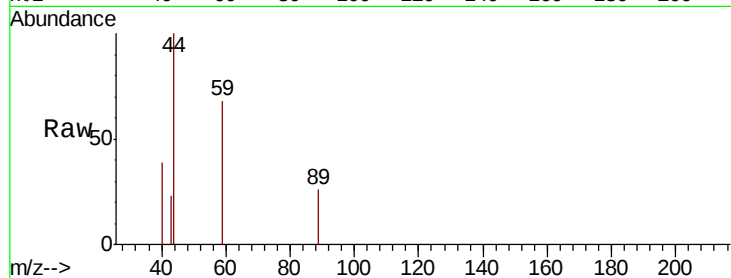


#11

Tert butvl alcohol
Concen: 0.554 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

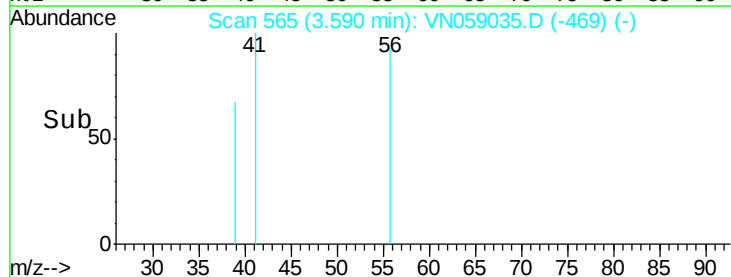
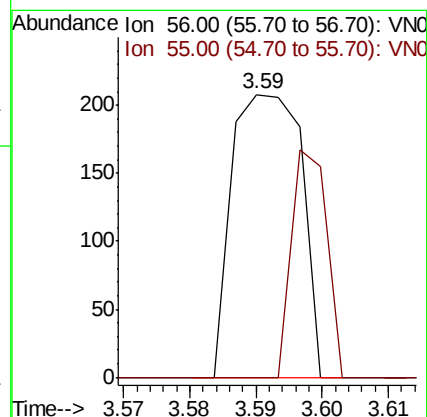
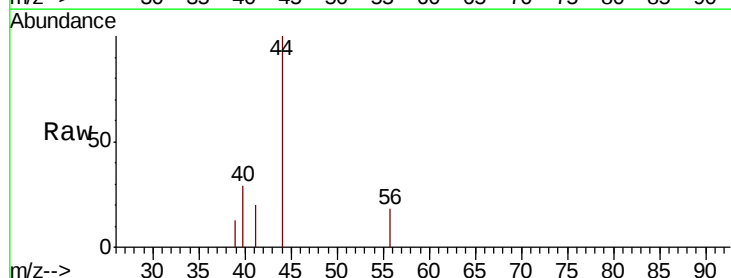
Tot Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

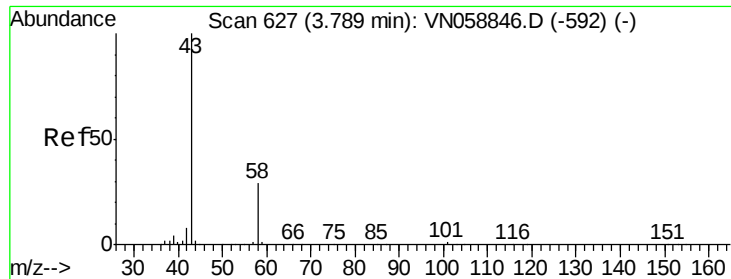


#13

Acrolein
Concen: 0.230 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 40.8 56.6 85.0#





#16

Acetone

Concen: 10.962 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

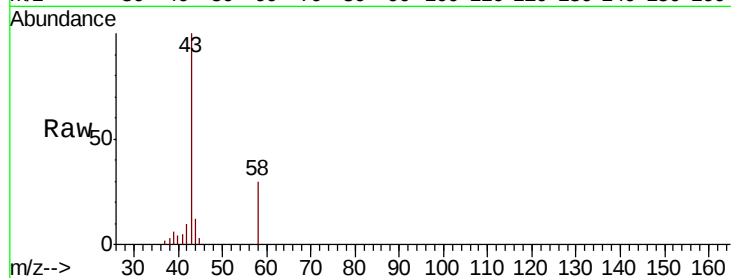
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 31342

Ion Ratio Lower Upper

43 100

58 29.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

12000

10000

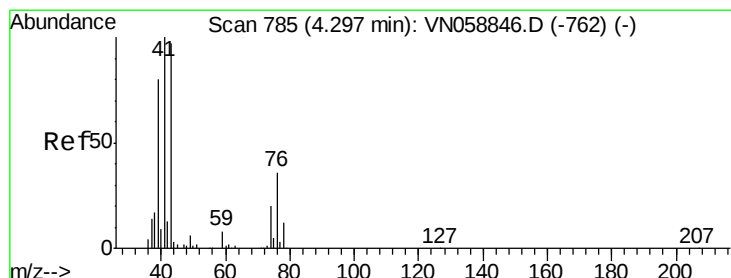
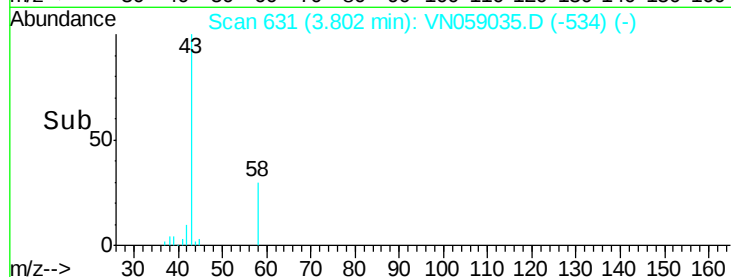
8000

6000

4000

2000

Time-->



#18

Methyl Acetate

Concen: 1.572 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059035.D

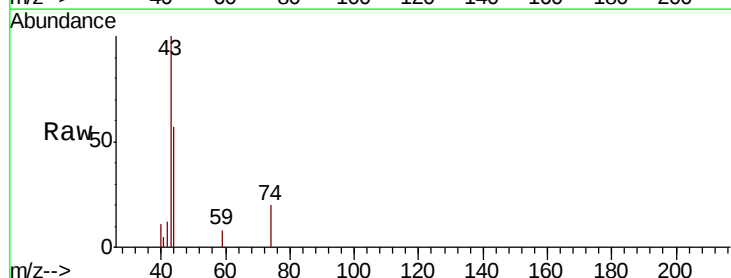
Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 10216

Ion Ratio Lower Upper

43 100

74 9.6 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN058846.D (-762) (-)

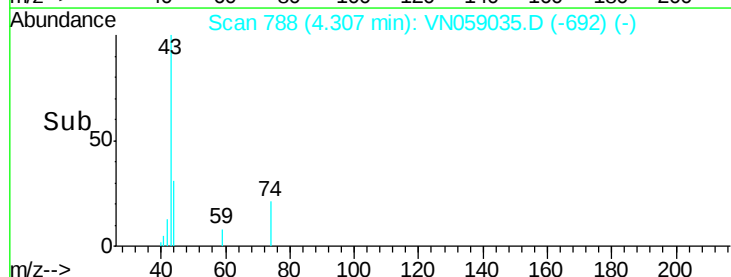
4000

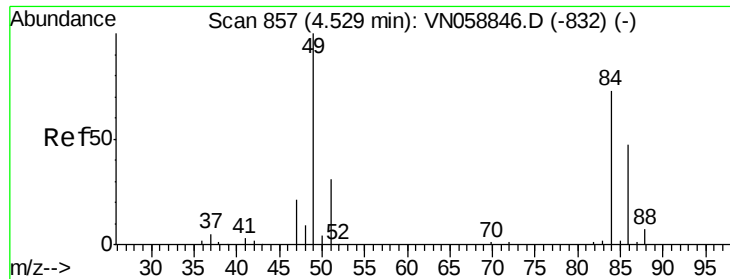
3000

2000

1000

Time-->

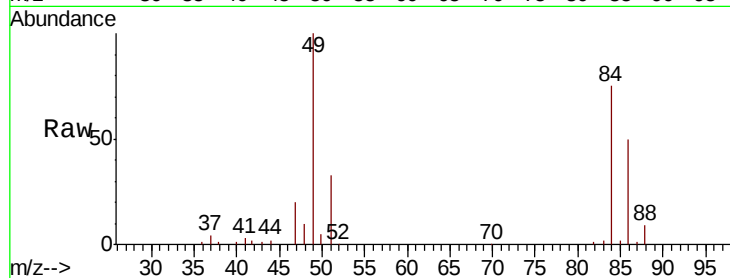




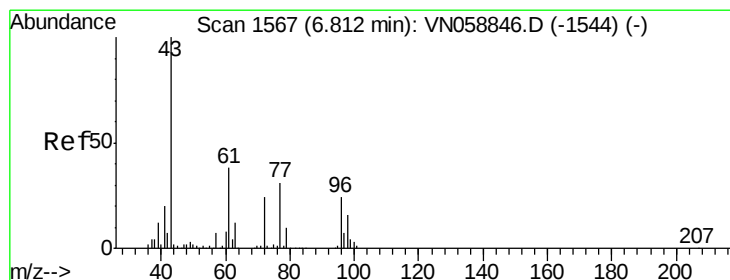
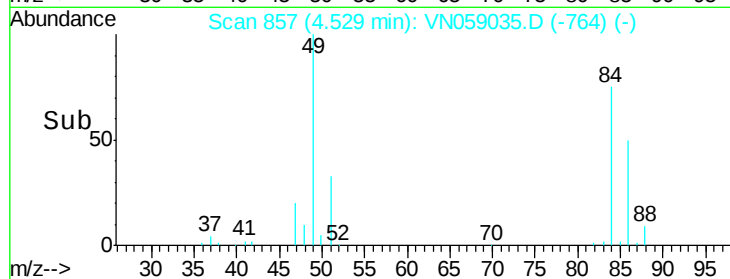
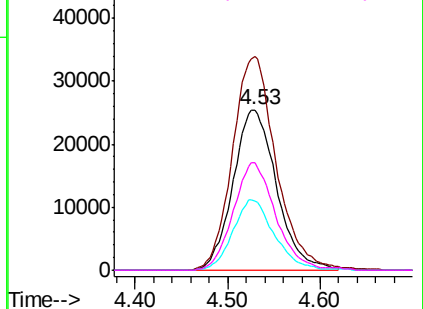
#20
Methvlene Chloride
Concen: 16.967 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 82835
Ion Ratio Lower Upper
84 100
49 133.4 109.6 164.4
51 43.5 33.8 50.6
86 66.9 51.5 77.3

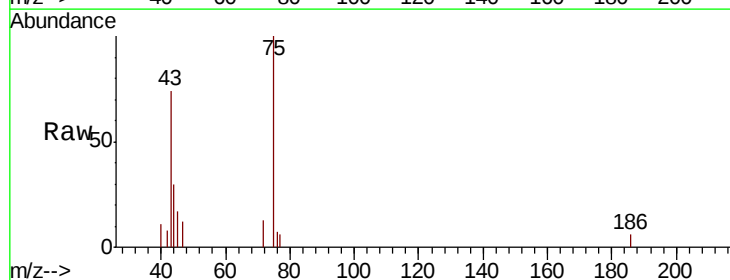


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

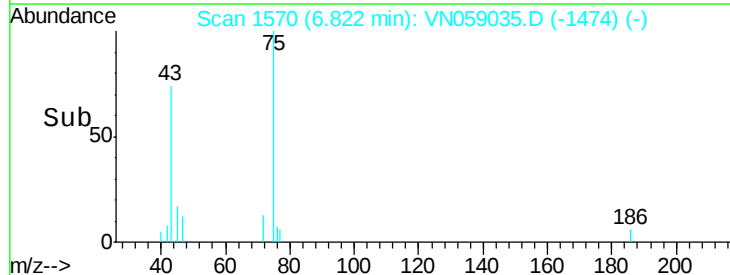
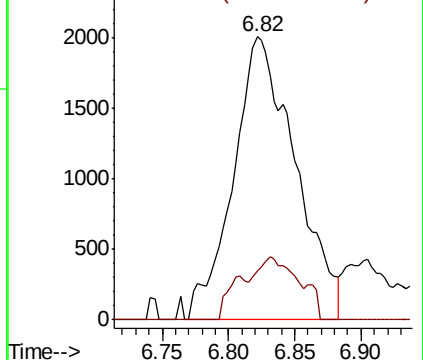


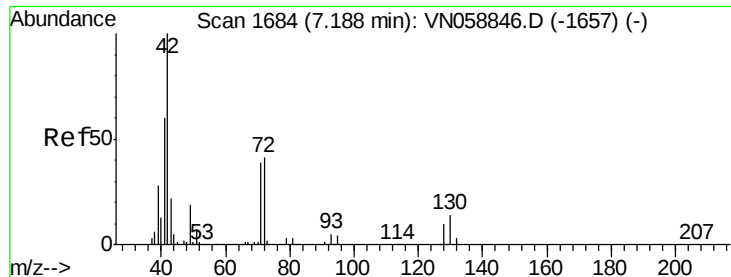
#25
2-Butanone
Concen: 1.763 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 6542
Ion Ratio Lower Upper
43 100
72 17.2 19.1 28.7#



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

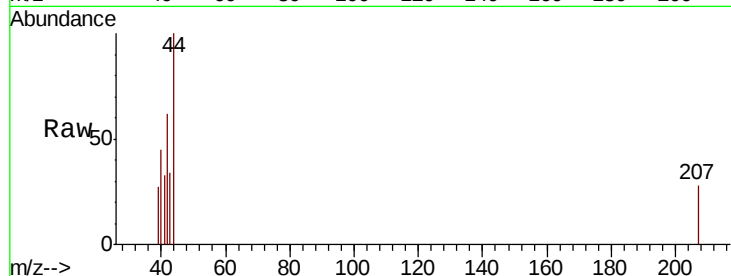




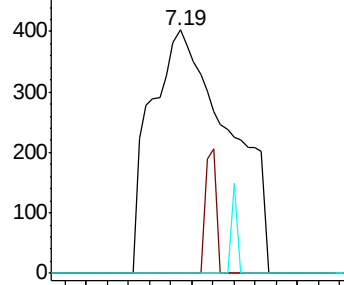
#29
Tetrahydrofuran
Concen: 0.456 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

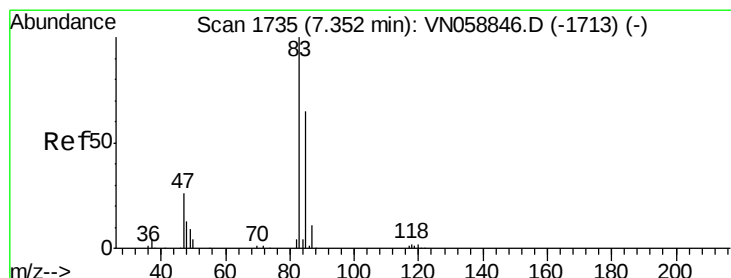
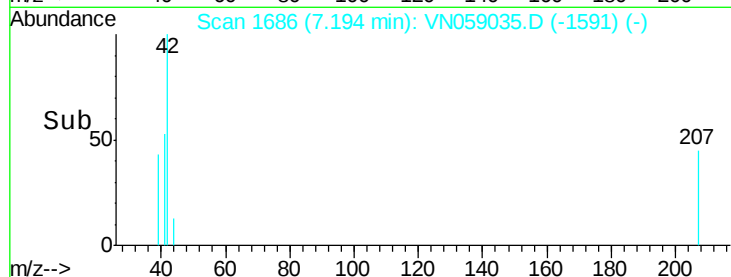
Tot Ion: 42 Resp: 1035
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.2#
71 0.0 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

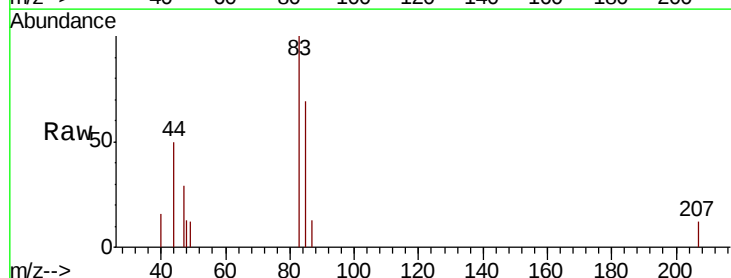


Time-->

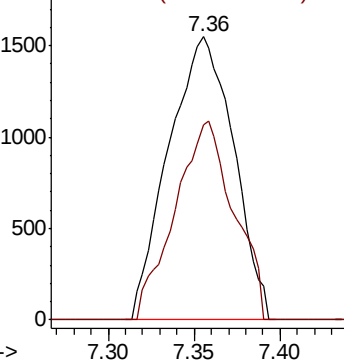


#30
Chloroform
Concen: 0.454 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

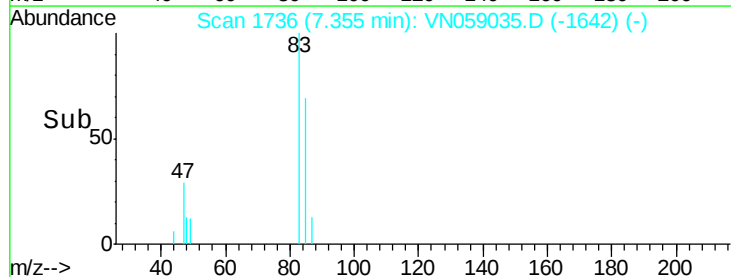
Tgt Ion: 83 Resp: 4068
Ion Ratio Lower Upper
83 100
85 69.1 51.9 77.9

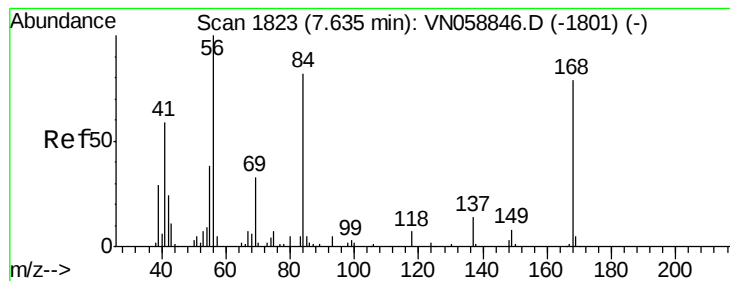


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0



Time-->





#31

Cyclohexane

Concen: 1.036 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

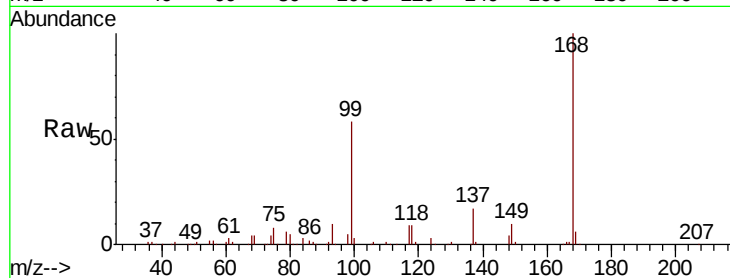
Tot Ion: 56 Resp: 8611

Ion Ratio Lower Upper

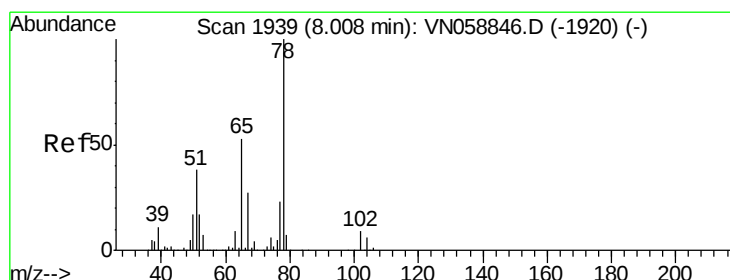
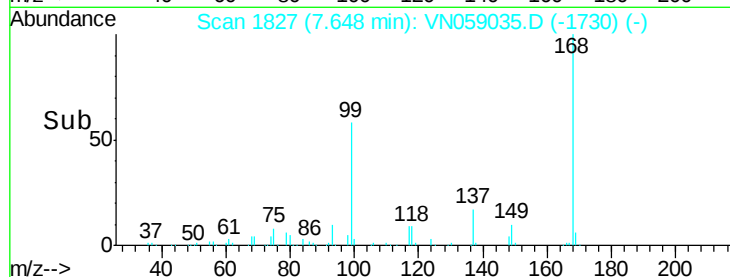
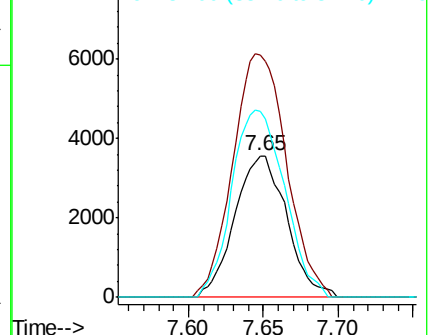
56 100

69 170.7 26.2 39.4#

84 131.3 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.382 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059035.D

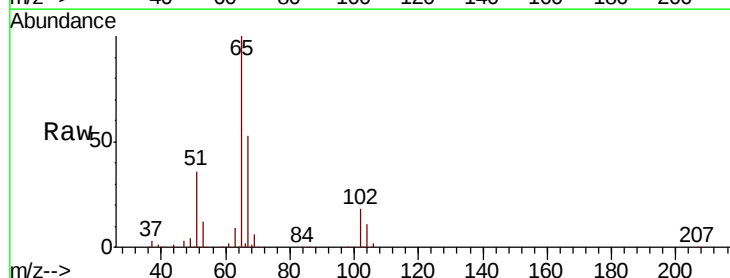
Acq: 31 Oct 2019 13:32

Tgt Ion: 65 Resp: 268366

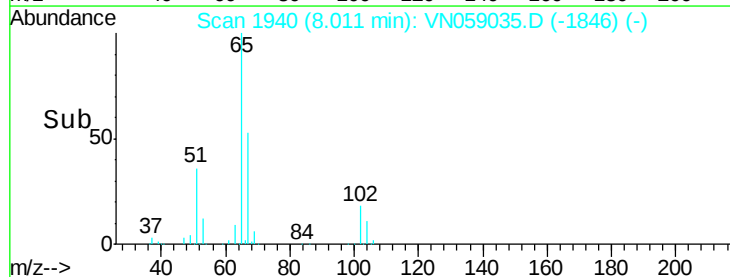
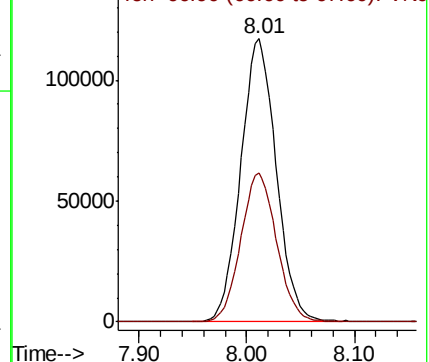
Ion Ratio Lower Upper

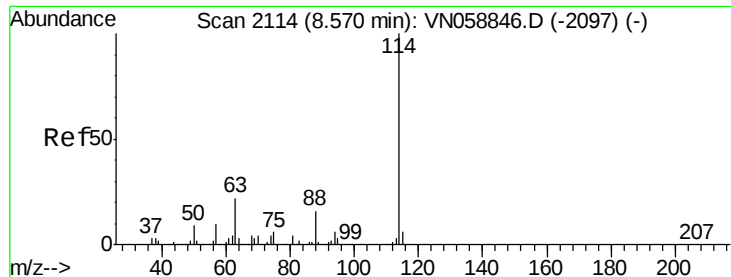
65 100

67 52.9 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

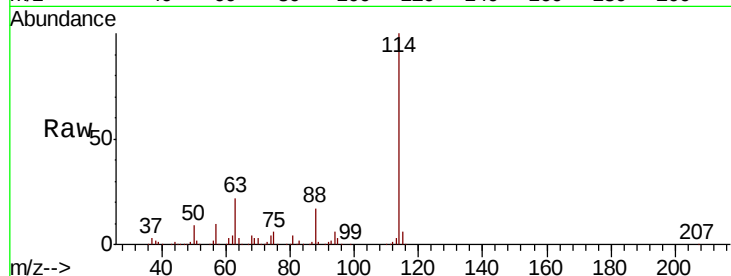




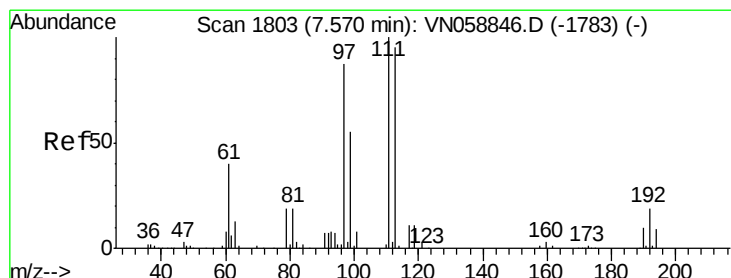
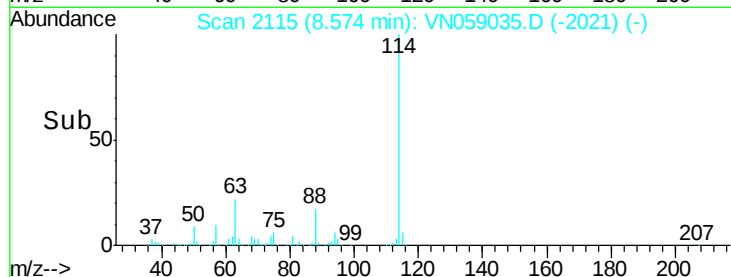
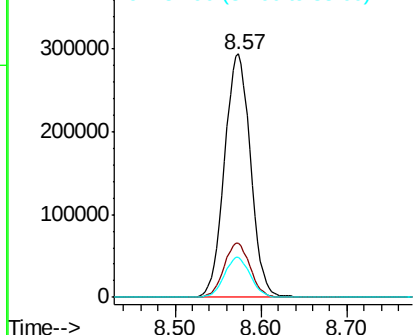
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.4
88	16.5	0.0	31.4

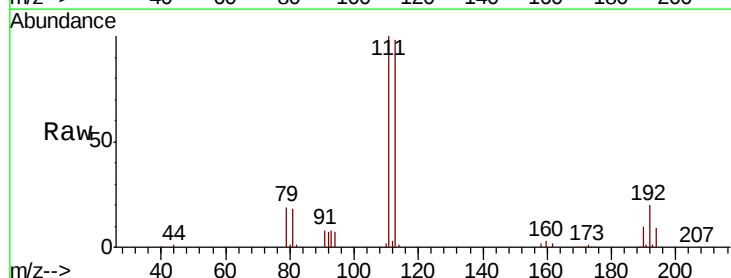


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

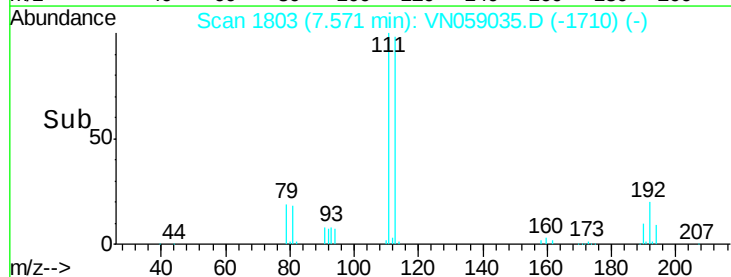
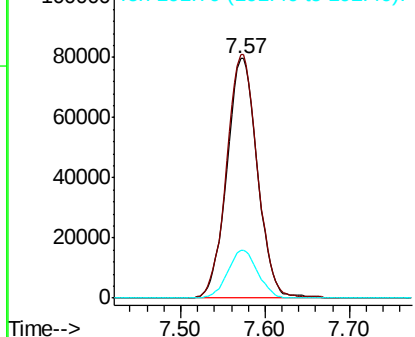


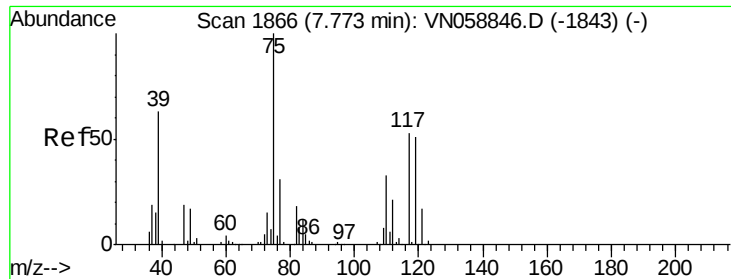
#35
 Dibromofluoromethane
 Concen: 49.363 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	19.7	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

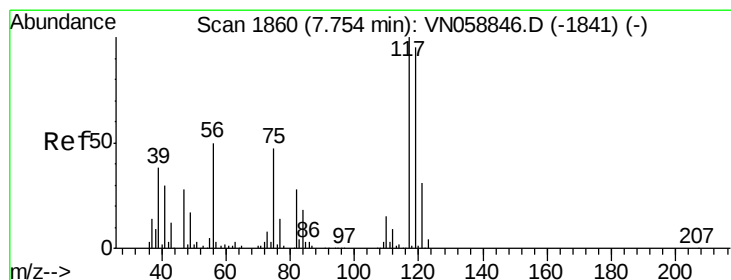
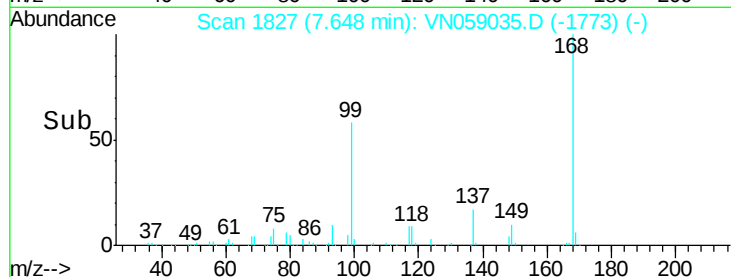
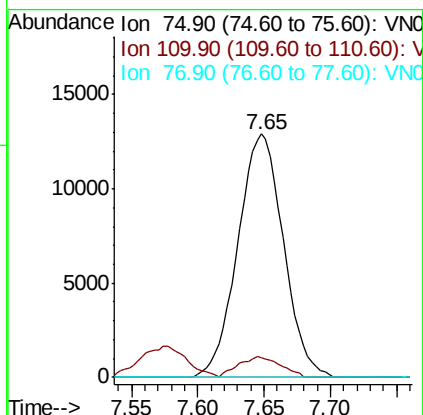
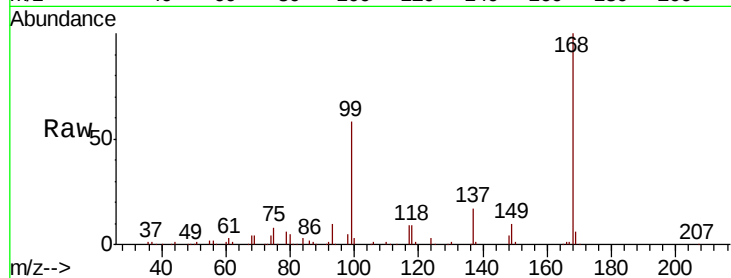




#36
 1,1-Dichloropropene
 Concen: 4.880 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

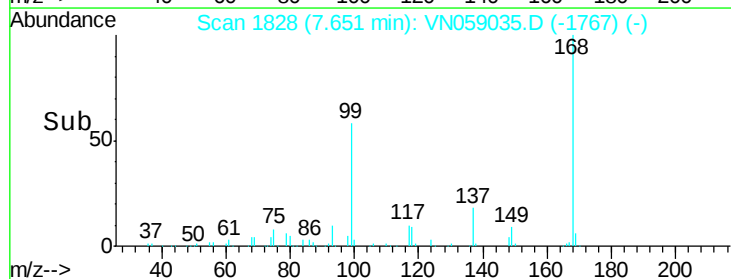
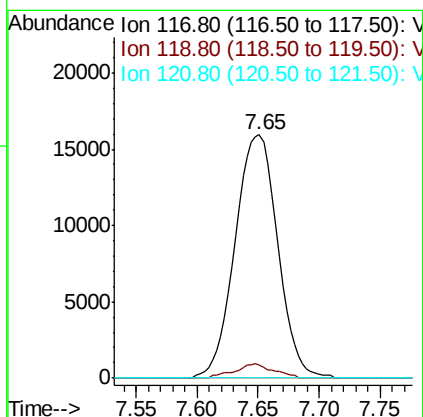
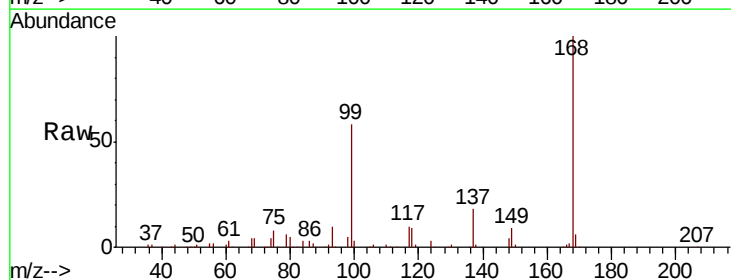
Instrument :
 MSVOA_N
 ClientSampleId :

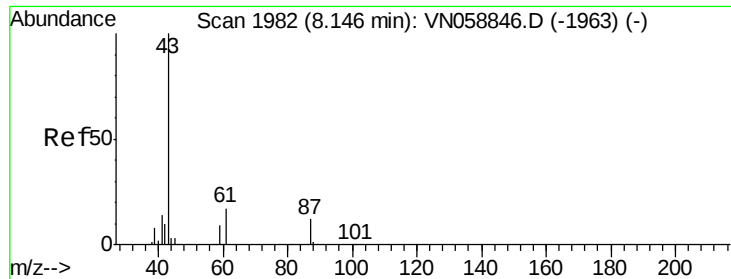
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.913 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.7	113.5#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 8.110 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

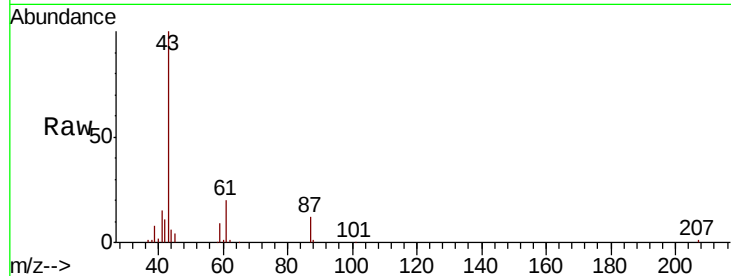
Tot Ion: 43 Resp: 89790

Ion Ratio Lower Upper

43 100

61 19.2 20.2 30.2#

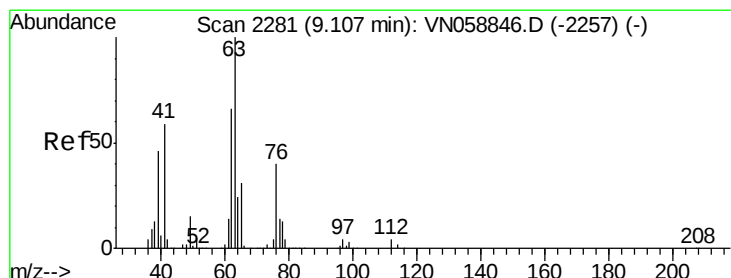
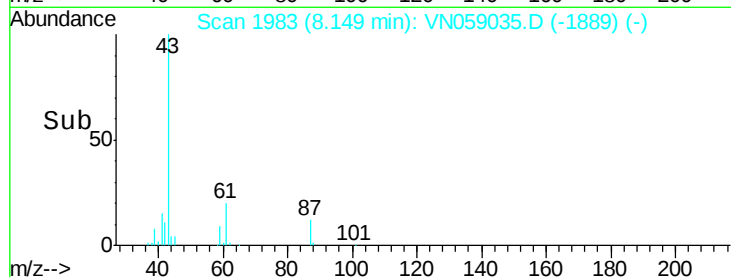
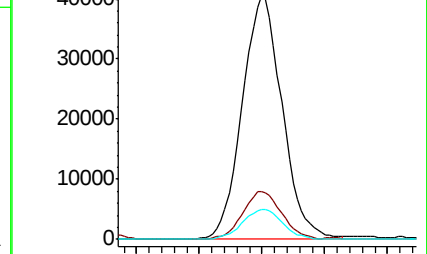
87 12.3 9.5 14.3



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: 0.360 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.16 min

Lab File: VN059035.D

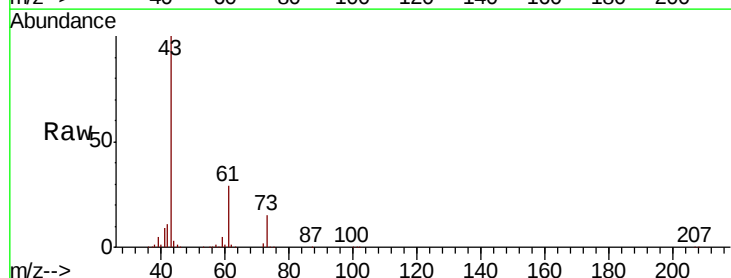
Acq: 31 Oct 2019 13:32

Tgt Ion: 63 Resp: 1836

Ion Ratio Lower Upper

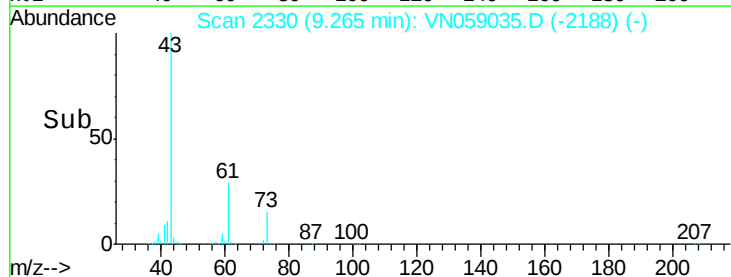
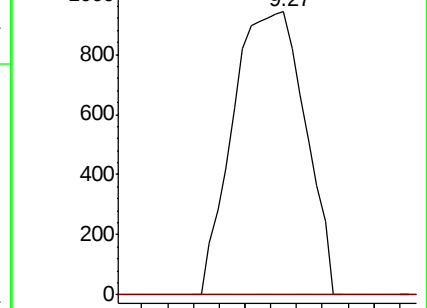
63 100

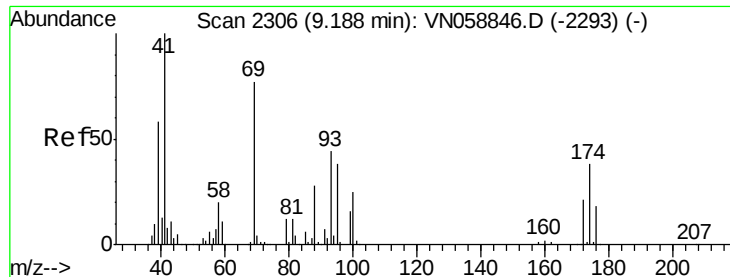
65 0.0 24.5 36.7#



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

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

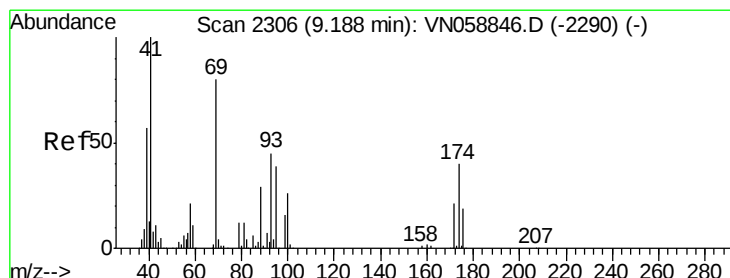
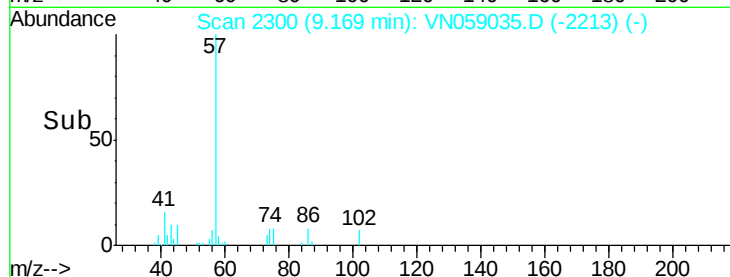
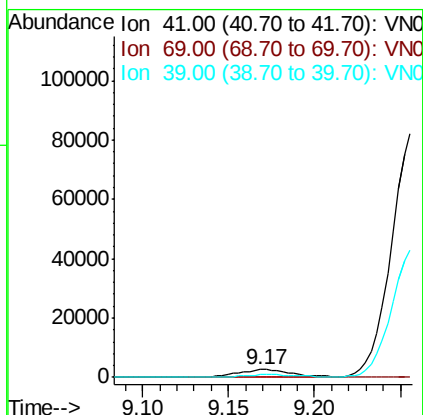
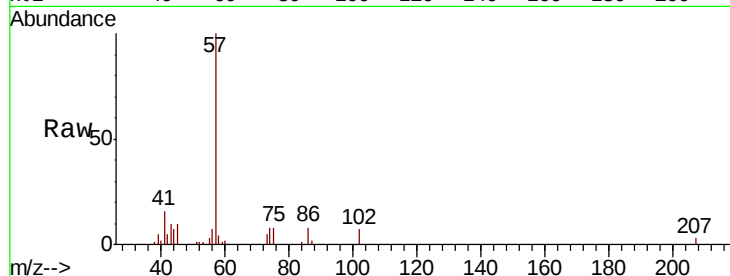




#48
Methvl methacrylate
Concen: 1.192 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

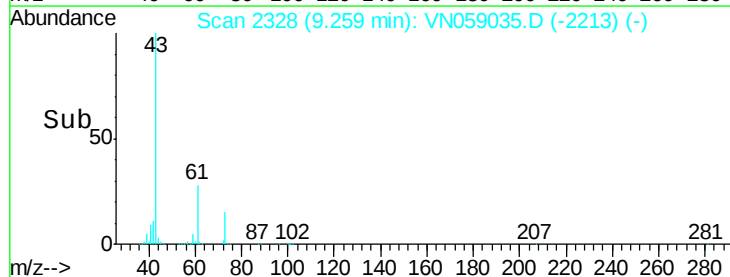
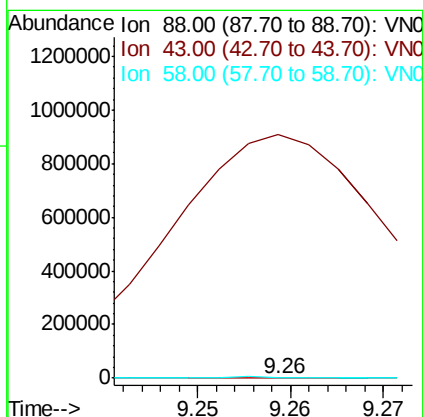
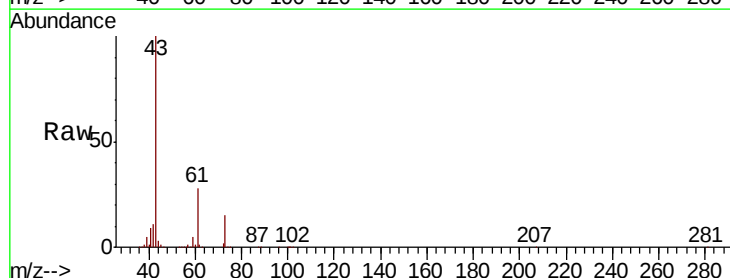
Instrument :
MSVOA_N
ClientSampled :

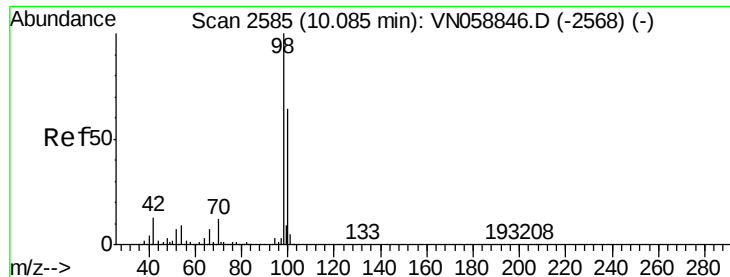
Tot Ion: 41 Resp: 5986
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#



#49
1,4-Dioxane
Concen: 0.764 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 2629219.0 29.1 43.7#
58 11836.5 59.4 89.0#





#50

Toluene-d8

Concen: 49.434 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

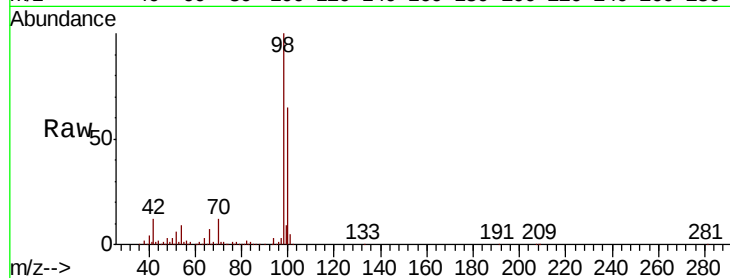
ClientSampleId :

Tot Ion: 98 Resp: 780750

Ion Ratio Lower Upper

98 100

100 64.6 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) (-)

10.09

500000

400000

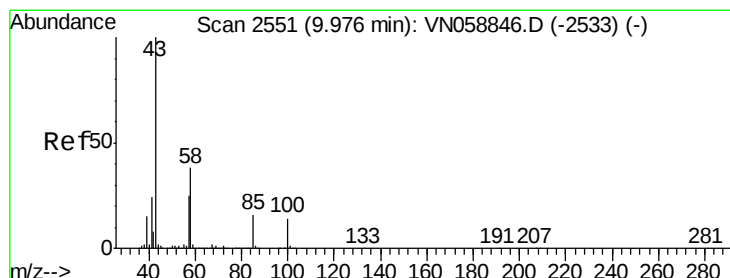
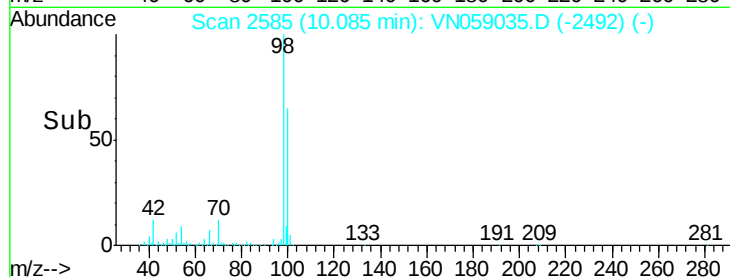
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.768 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059035.D

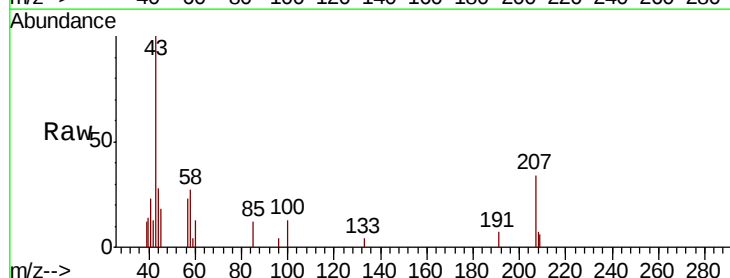
Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 4969

Ion Ratio Lower Upper

43 100

58 44.8 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

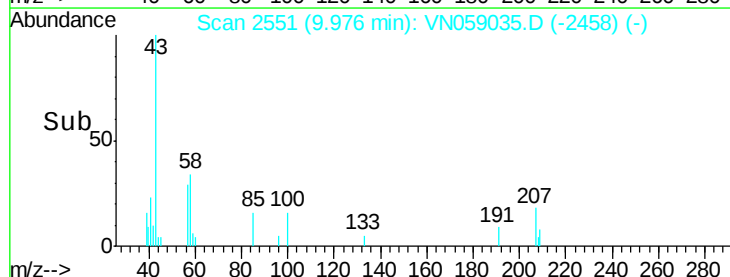
6000

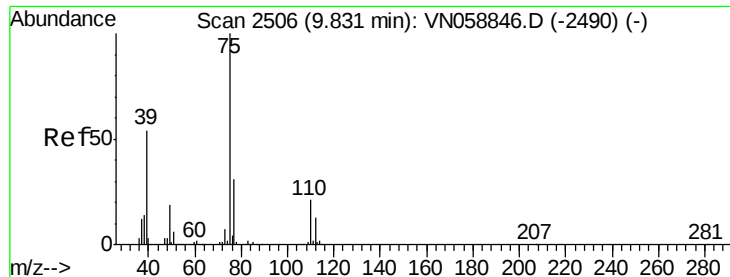
4000

2000

0

Time-->



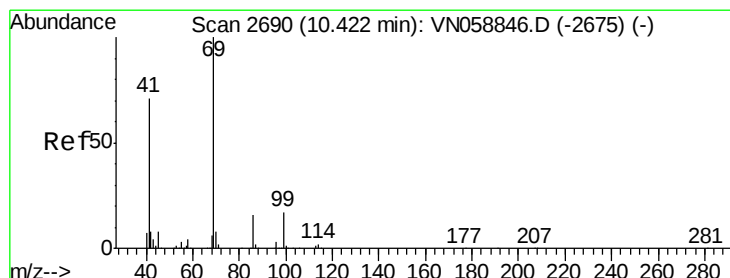
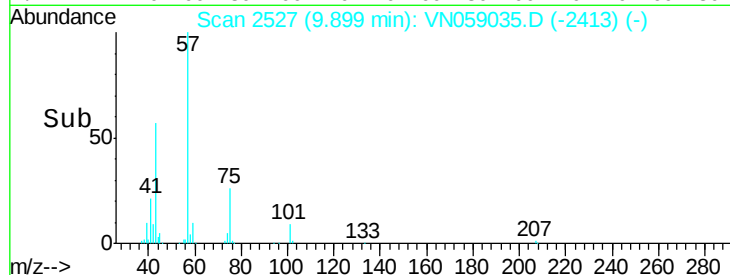
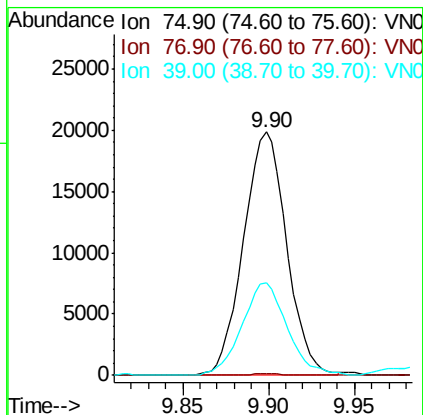
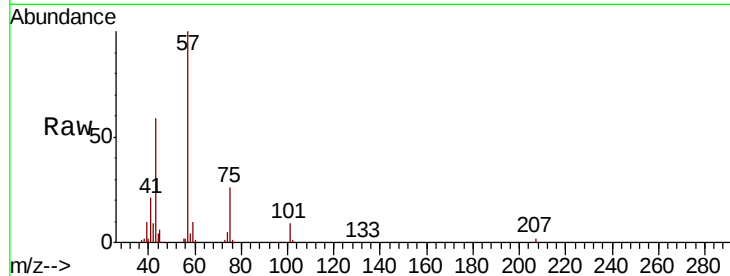


#54

cis-1,3-Dichloropropene
Concen: 4.391 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Instrument :
MSVOA_N
ClientSampled :

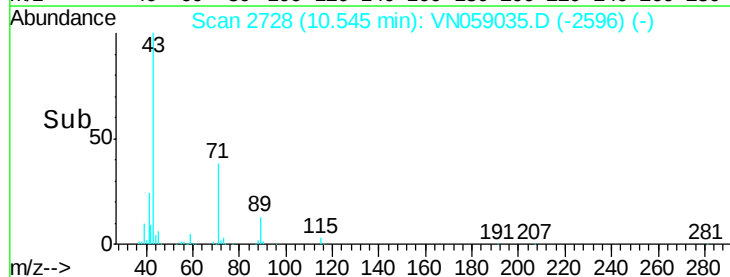
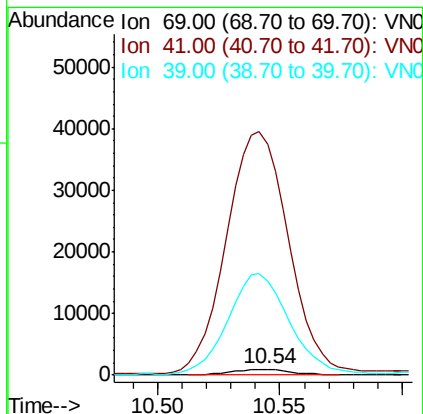
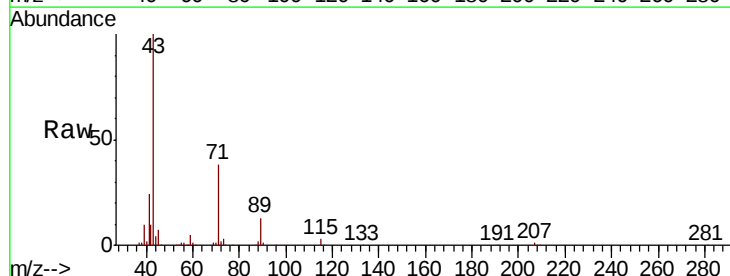
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.7	37.1#
39	38.0	43.5	65.3#

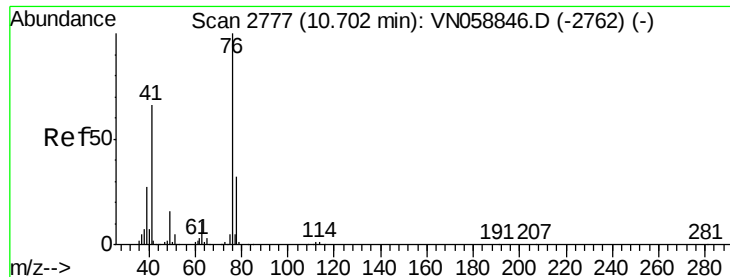


#56

Ethyl methacrylate
Concen: 2.301 ug/l
RT: 10.54 min Scan# 2728
Delta R.T. 0.12 min
Lab File: VN059035.D
Acq: 31 Oct 2019 13:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4323.7	57.2	85.8#
39	1800.0	31.0	46.4#





#57

1,3-Dichloropropane

Concen: 0.869 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

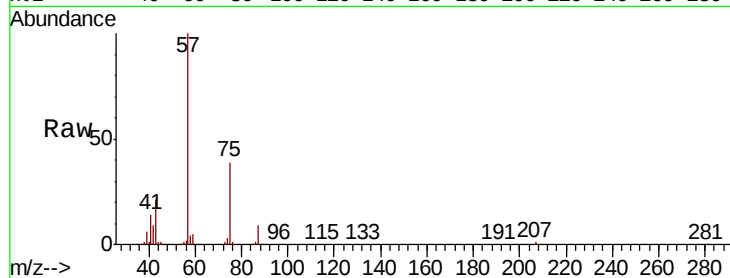
ClientSampleId :

Tot Ion: 76 Resp: 6928

Ion Ratio Lower Upper

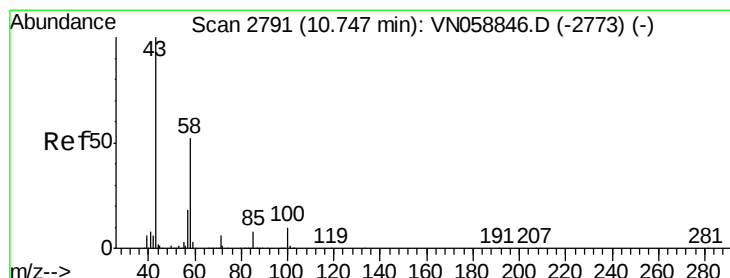
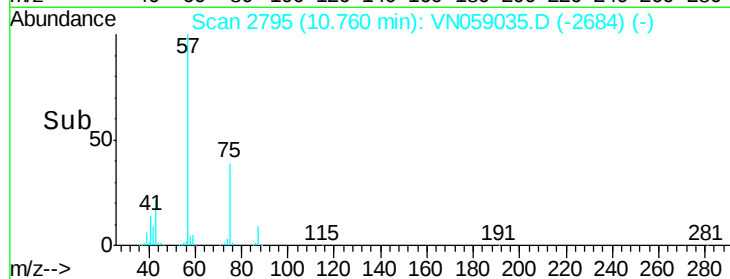
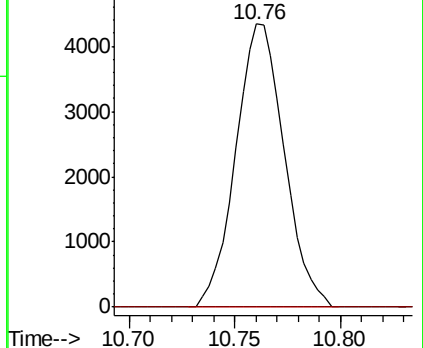
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN058846.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN058846.D (-2762) (-)



#59

2-Hexanone

Concen: 19.711 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.02 min

Lab File: VN059035.D

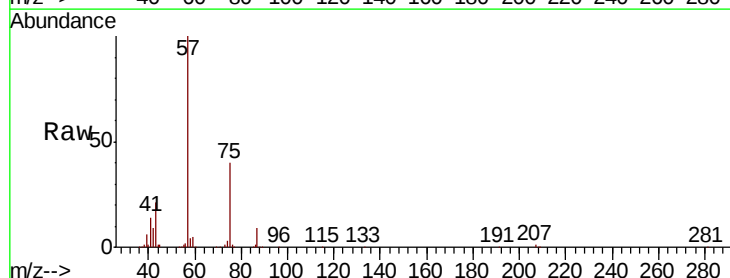
Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 98496

Ion Ratio Lower Upper

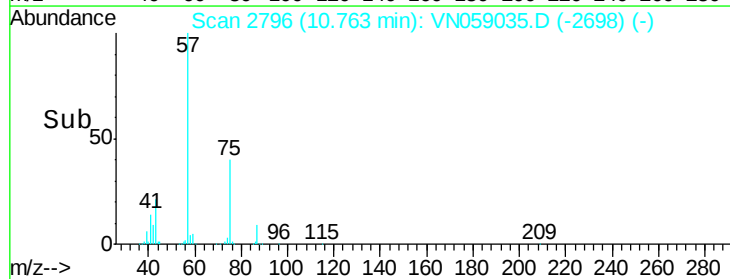
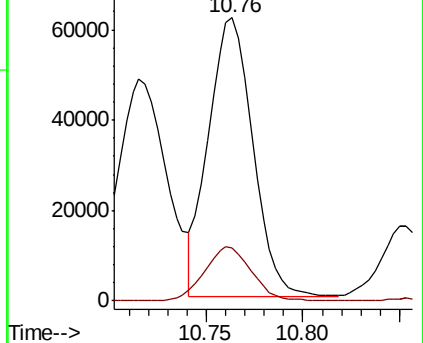
43 100

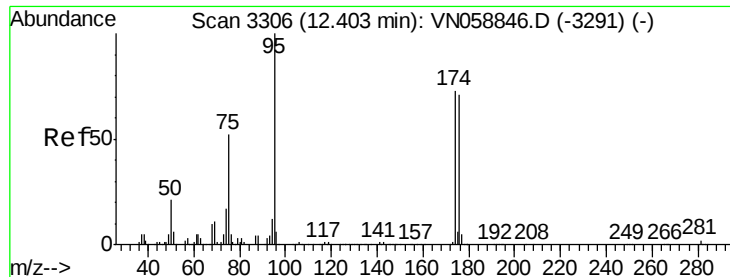
58 20.6 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2773) (-)





#62

4-Bromofluorobenzene

Concen: 41.995 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

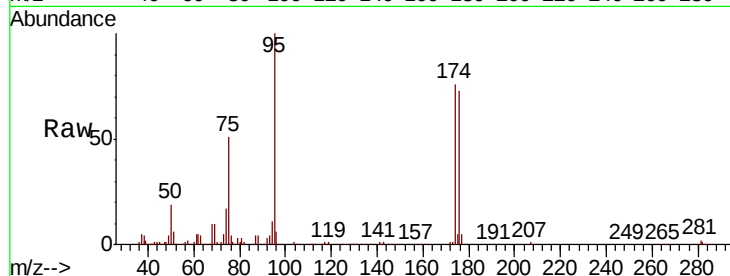
Tot Ion: 95 Resp: 243567

Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.6

176 74.4 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

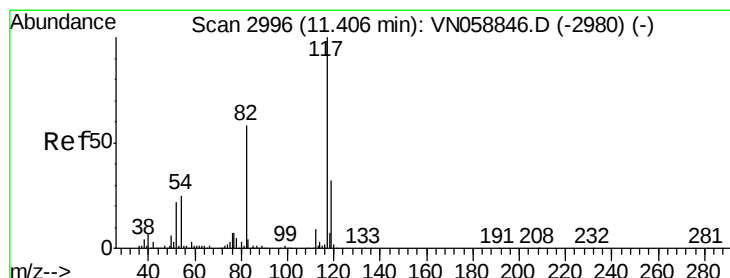
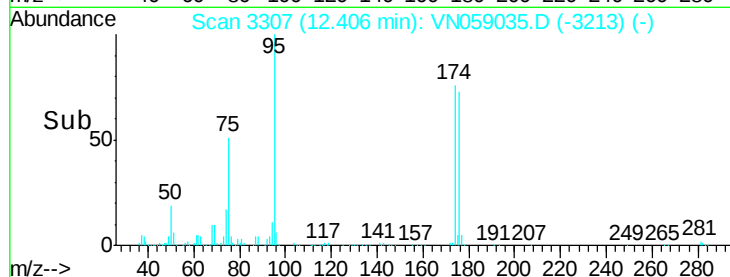
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

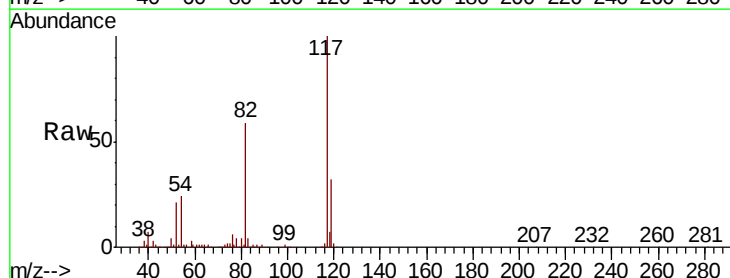
Tgt Ion: 117 Resp: 551513

Ion Ratio Lower Upper

117 100

82 58.8 46.6 69.8

119 32.4 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

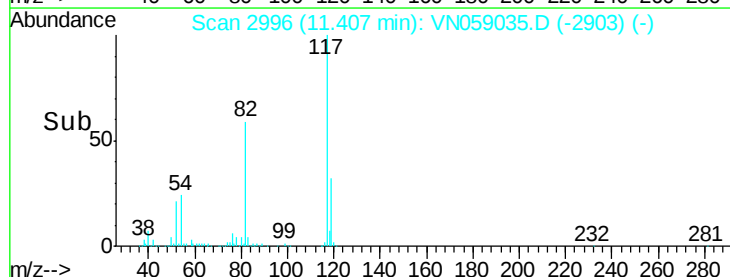
300000

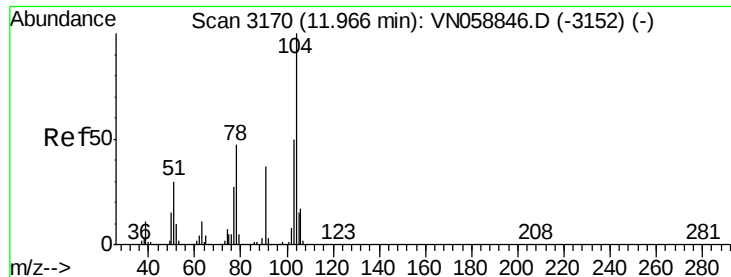
200000

100000

0

Time-->





#70

Stvrene

Concen: 1.762 ug/l

RT: 11.97 min Scan# 3171

Delta R.T. 0.00 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

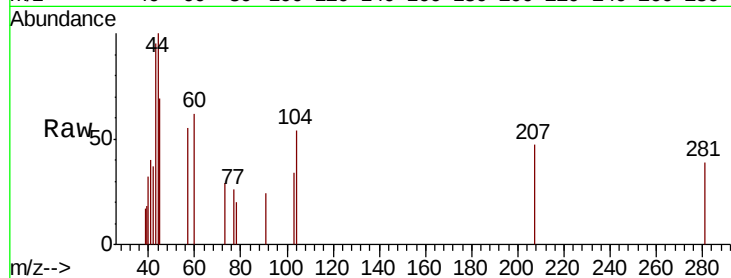
Tot Ion:104 Resp: 645

Ion Ratio Lower Upper

104 100

78 49.6 42.8 64.2

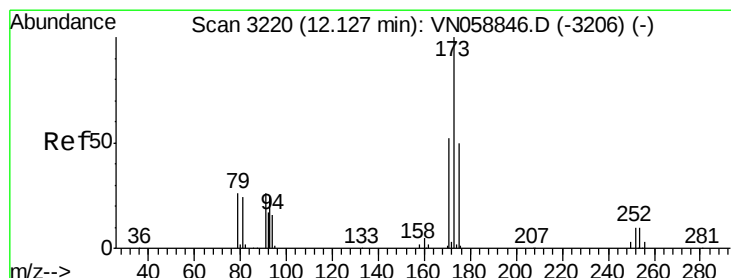
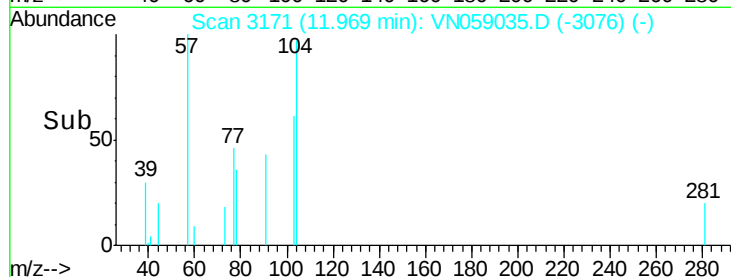
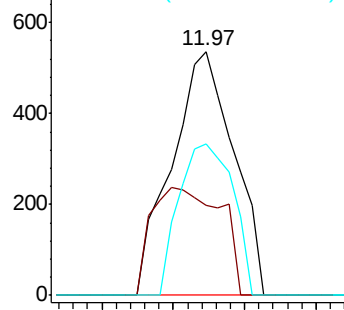
103 54.1 44.3 66.5



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



#71

Bromoform

Concen: 0.438 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

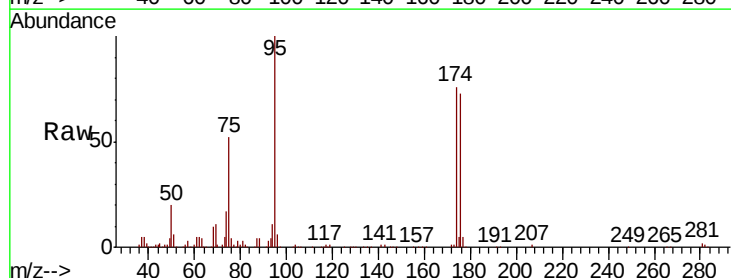
Tgt Ion:173 Resp: 1440

Ion Ratio Lower Upper

173 100

175 708.1 24.7 74.1#

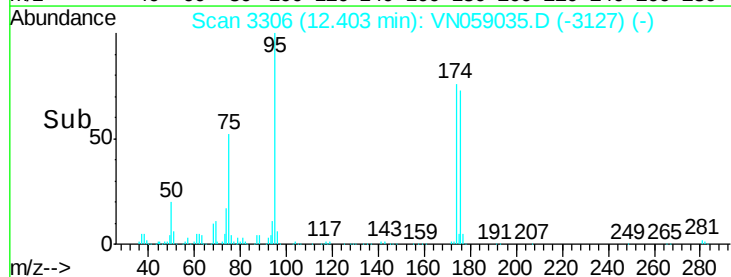
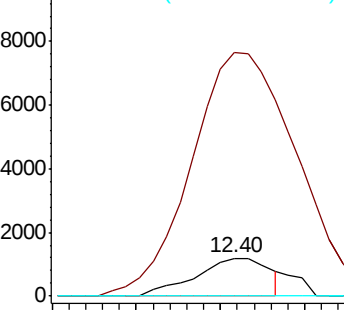
254 0.0 0.0 0.0

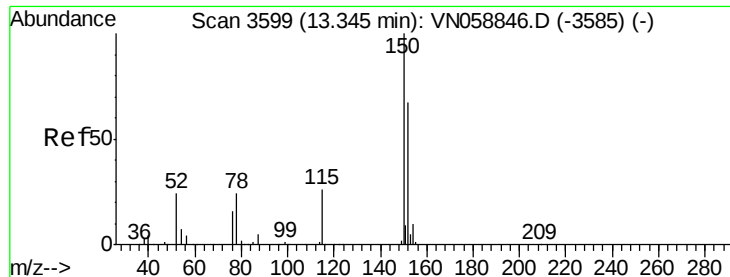


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampled :

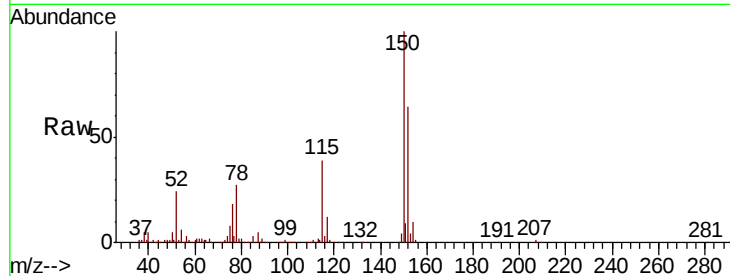
Tot Ion:152 Resp: 196682

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

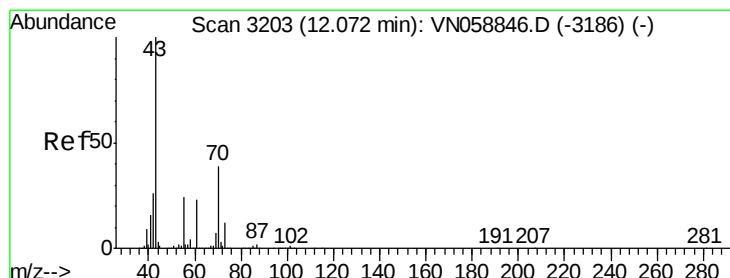
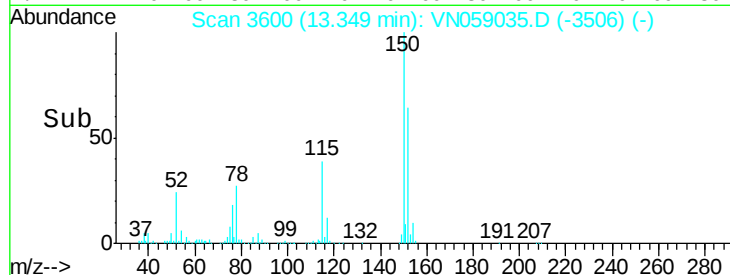
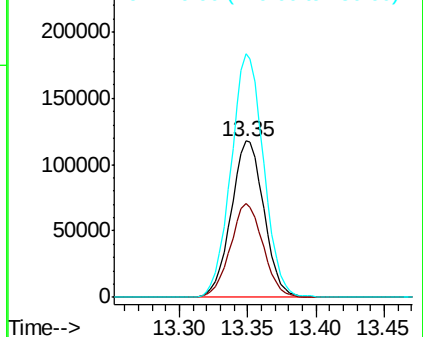
150 155.1 0.0 344.4



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: 0.590 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Tgt Ion: 43 Resp: 3844

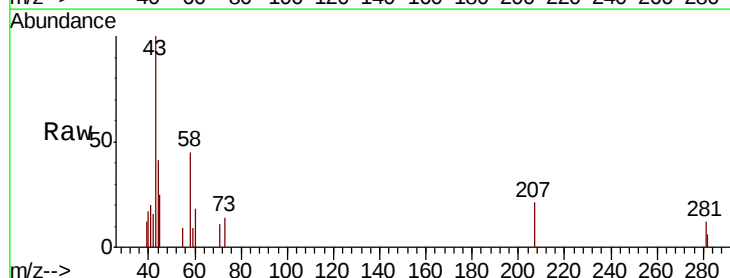
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 5.0 19.7 29.5#

61 0.0 18.2 27.4#

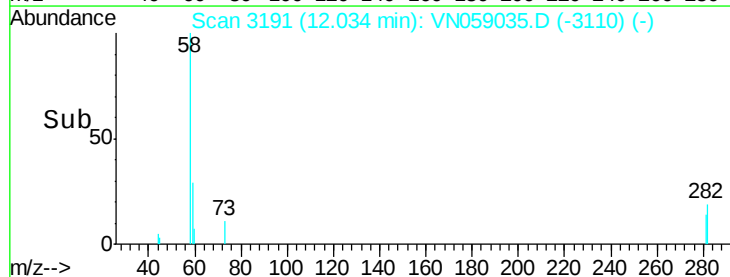
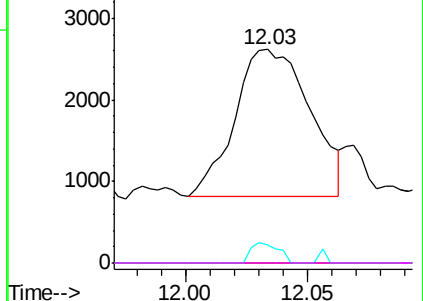


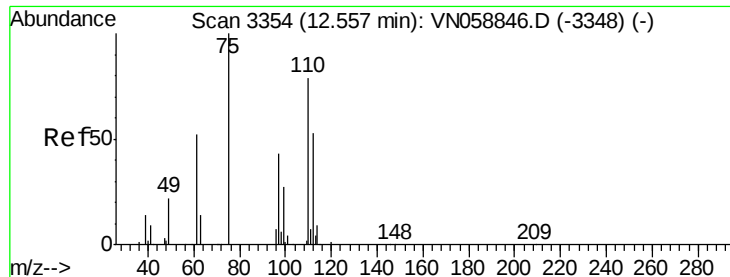
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 27.359 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

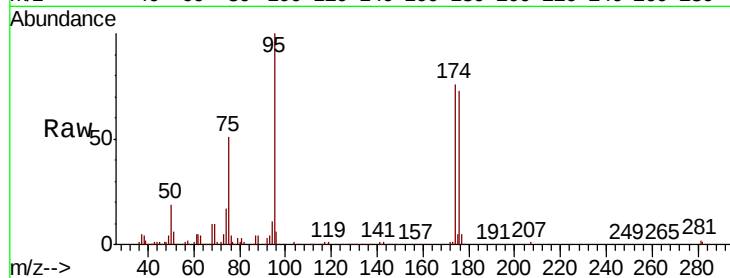
ClientSampleId :

Tot Ion: 75 Resp: 124709

Ion Ratio Lower Upper

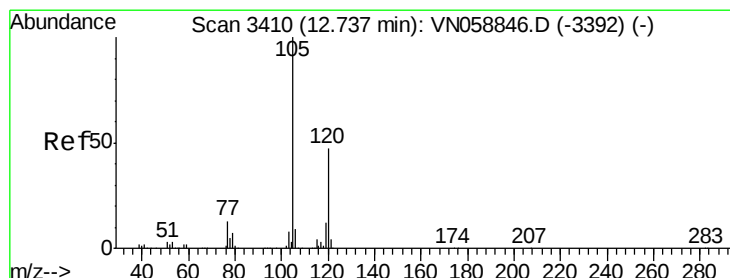
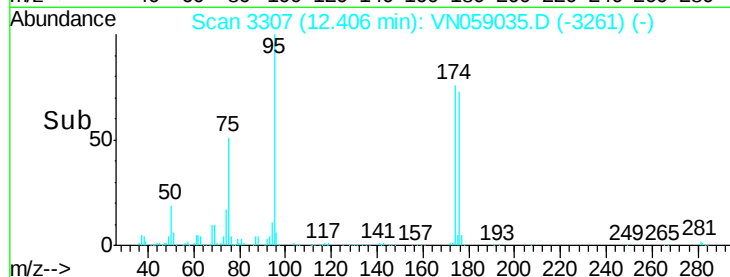
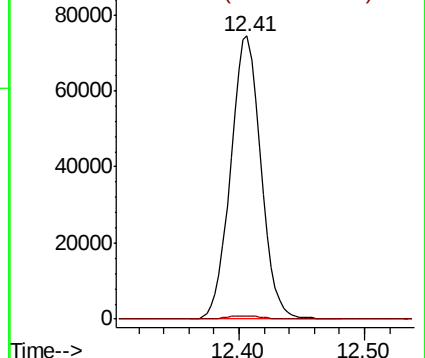
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.363 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059035.D

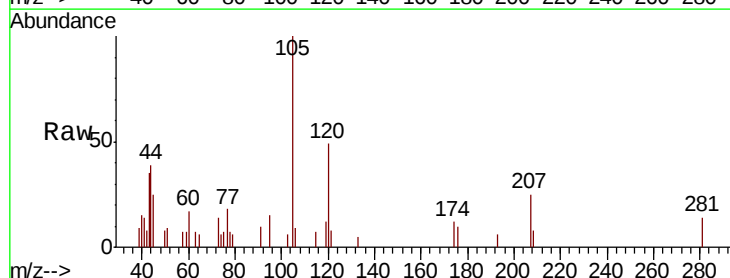
Acq: 31 Oct 2019 13:32

Tgt Ion: 105 Resp: 4389

Ion Ratio Lower Upper

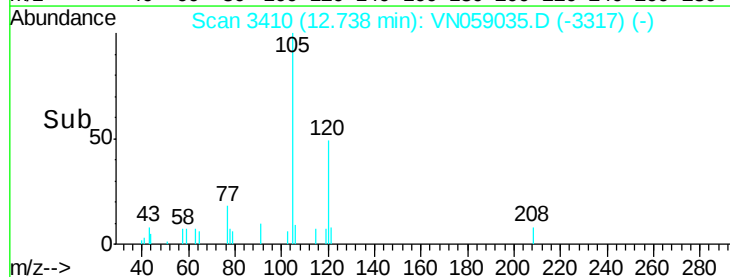
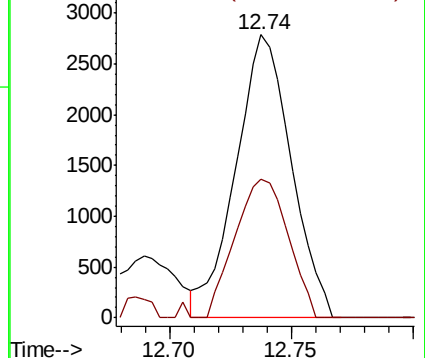
105 100

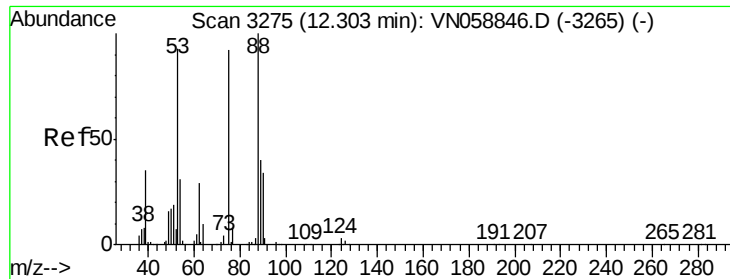
120 47.2 23.8 71.5



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: 71.271 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN059035.D

Acq: 31 Oct 2019 13:32

Instrument :

MSVOA_N

ClientSampleId :

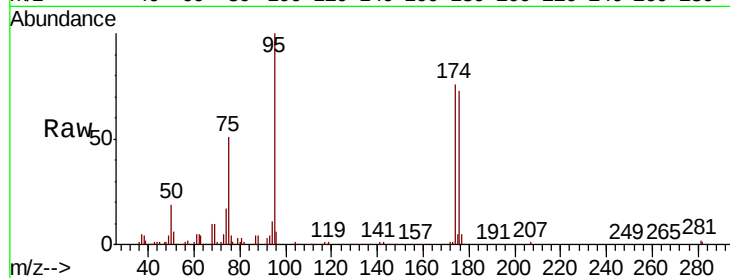
Tot Ion: 75 Resp: 124709

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

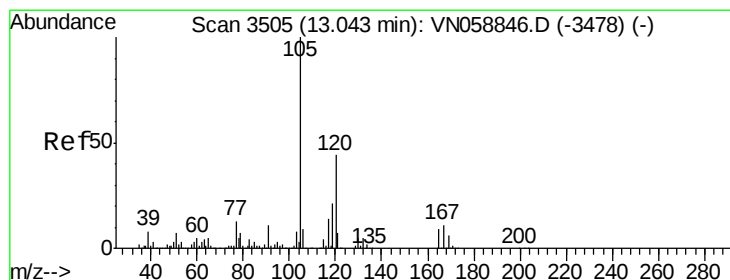
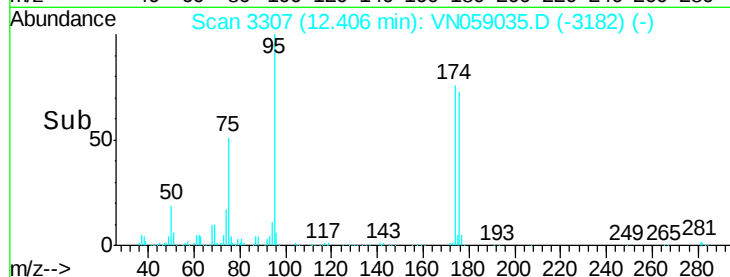
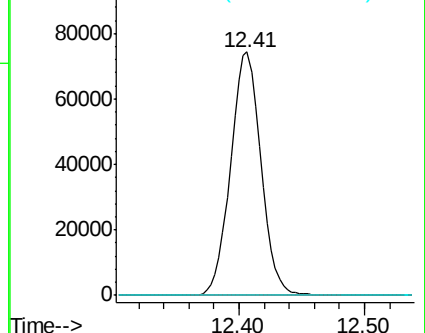
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.305 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059035.D

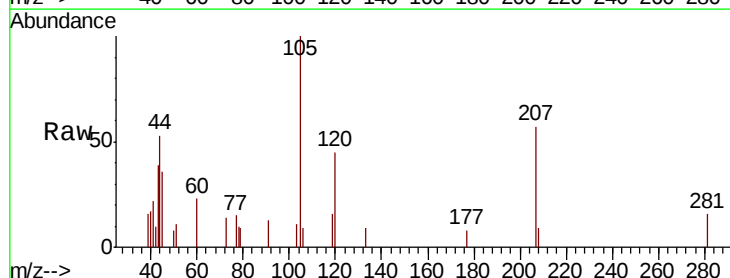
Acq: 31 Oct 2019 13:32

Tgt Ion:105 Resp: 3638

Ion Ratio Lower Upper

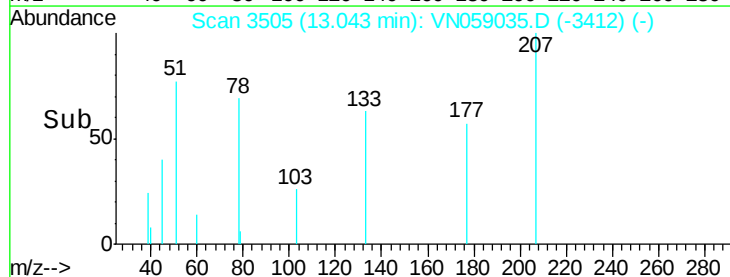
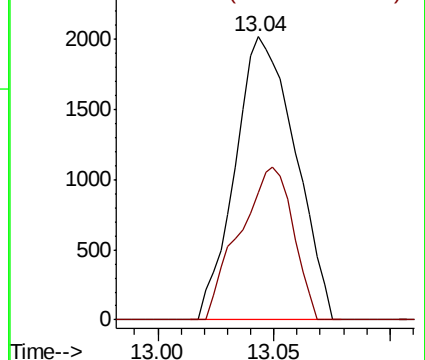
105 100

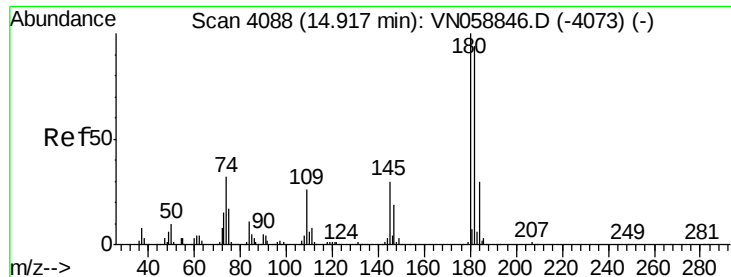
120 48.2 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

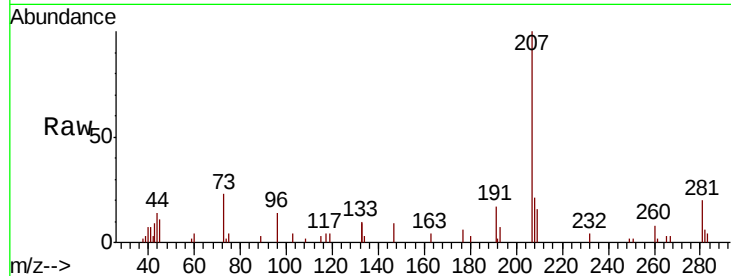




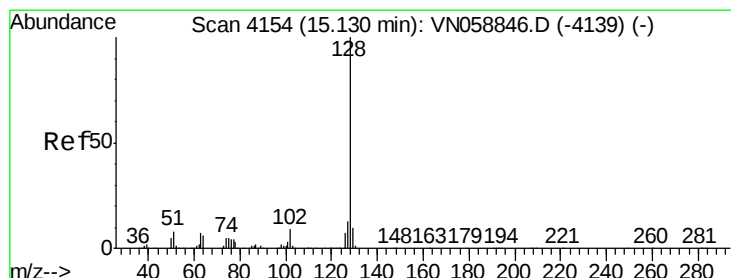
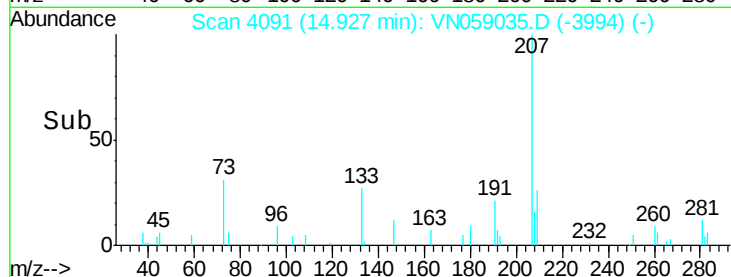
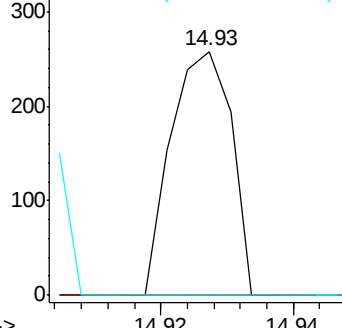
#93
 1,2,4-Trichlorobenzene
 Concen: 2.560 ug/l
 RT: 14.93 min Scan# 4091
 Delta R.T. 0.01 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 163
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 15.3 45.8#

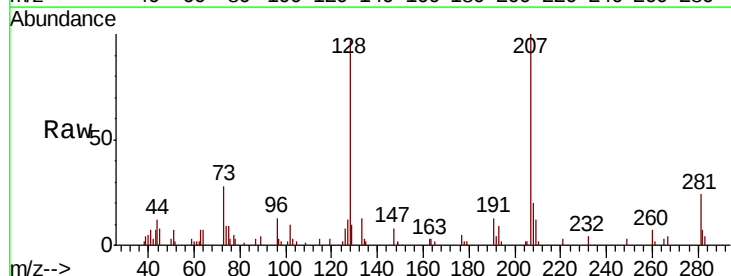


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

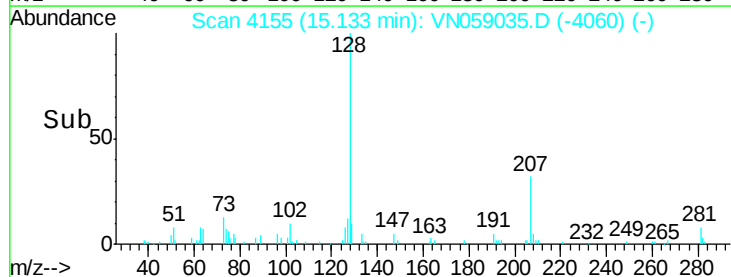
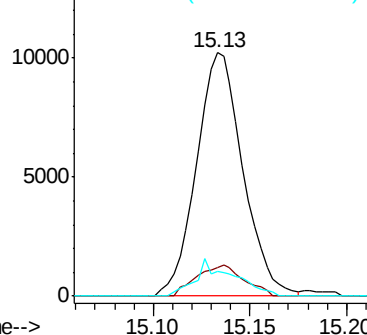


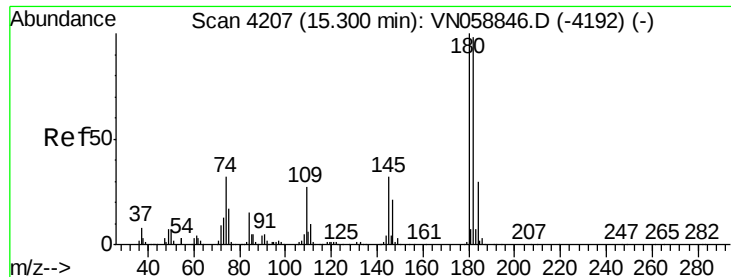
#95
 Naphthalene
 Concen: 3.669 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Tgt Ion:128 Resp: 17026
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.2
 129 12.3 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

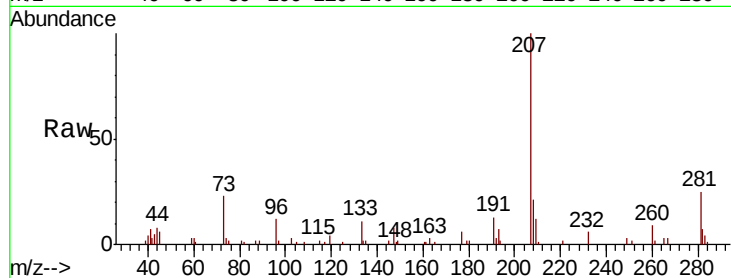




#96
 1,2,3-Trichlorobenzene
 Concen: 2.449 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN059035.D
 Acq: 31 Oct 2019 13:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	14.7	47.9	143.7#
145	196.8	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

