

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058980.D
 Acq On : 25 Oct 2019 12:32
 Operator : JC/SP
 Sample : K5153-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 23:04:04 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	347588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	547040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	181595	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	250080	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	180061	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	10.08	98	711614	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	221474	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	424	0.501	ug/l #	72
16) Acetone	3.80	43	13583	5.392	ug/l	99
18) Methyl Acetate	4.31	43	7044	1.230	ug/l #	77
20) Methylene Chloride	4.53	84	12680	2.948	ug/l	95
25) 2-Butanone	6.83	43	3584	1.096	ug/l	98
29) Tetrahydrofuran	7.19	42	453	0.226	ug/l #	36
30) Chloroform	7.36	83	6213	0.788	ug/l	92
31) Cyclohexane	7.65	56	8435	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	28815	5.145	ug/l #	50
38) Carbon Tetrachloride	7.65	117	35136	6.090	ug/l #	18
43) Isopropyl Acetate	8.15	43	127521	13.030	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2567	0.569	ug/l #	44
47) Bromodichloromethane	9.39	83	1679	0.286	ug/l #	81
48) Methyl methacrylate	9.17	41	7266	1.636	ug/l #	14
49) 1,4-Dioxane	9.25	88	30	0.412	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8996	1.574	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	49226	7.083	ug/l #	68
56) Ethyl methacrylate	10.54	69	2734	2.486	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9170	1.300	ug/l #	43
59) 2-Hexanone	10.76	43	142193	32.190	ug/l #	54
70) Styrene	11.96	104	606	1.763	ug/l #	87
71) Bromoform	12.40	173	1346	0.441	ug/l #	1
74) N-ethyl acetate	12.03	43	5002	0.831	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	116385	27.654	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4843	0.434	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	116385	72.040	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.05	105	3488	0.317	ug/l	94
88) 1,4-Dichlorobenzene	13.37	146	1572	0.268	ug/l #	1
89) n-Butylbenzene	13.62	91	2194	0.213	ug/l	90
93) 1,2,4-Trichlorobenzene	14.92	180	1860	3.009	ug/l #	82
94) Hexachlorobutadiene	15.01	225	421	0.226	ug/l	97
95) Naphthalene	15.13	128	9518	3.100	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.30	180	2394	3.041	ug/l	83

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

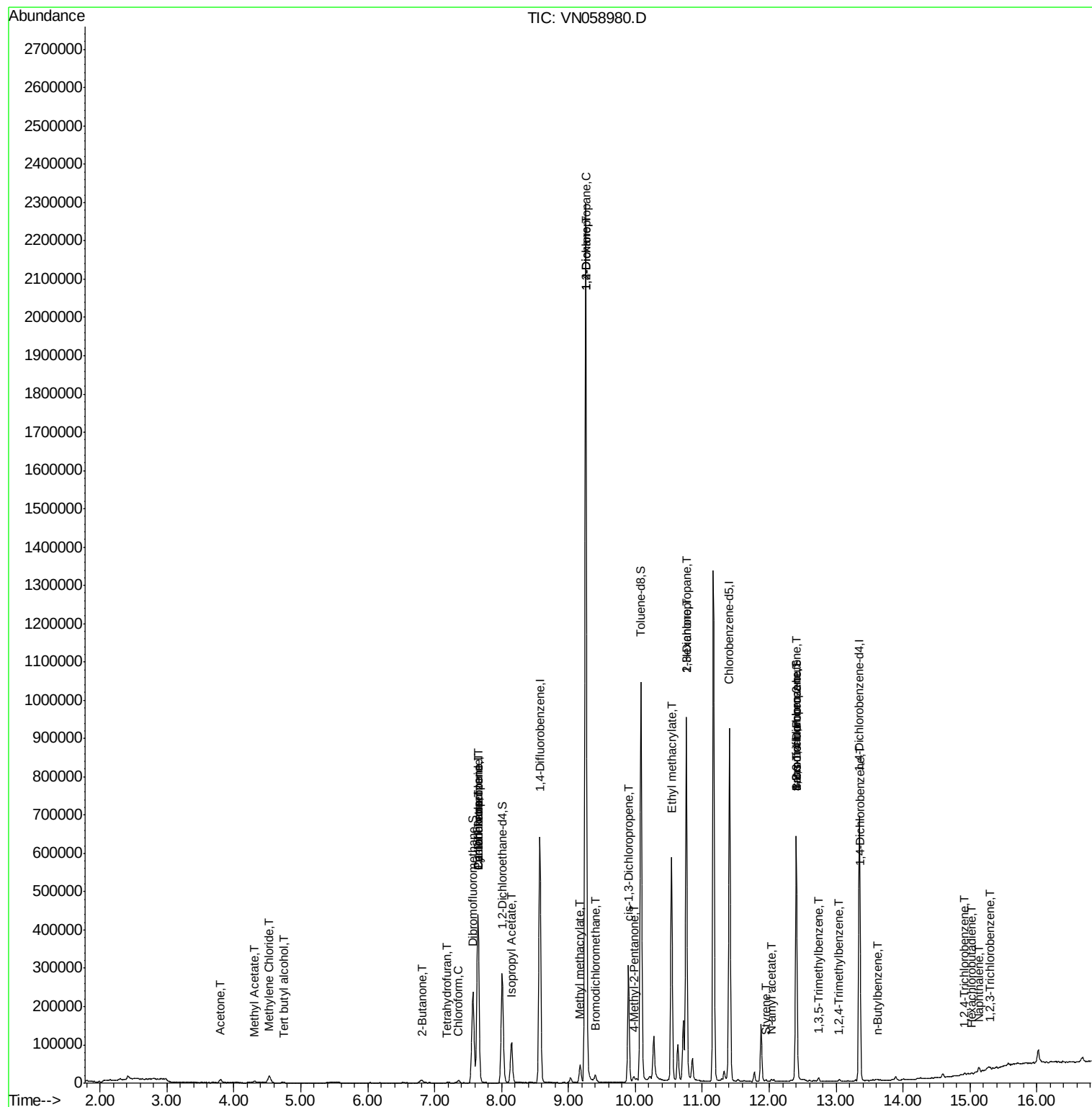
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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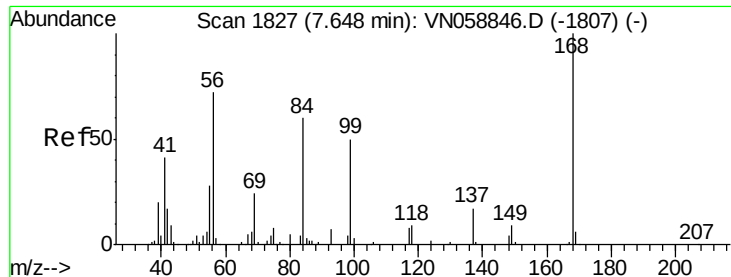
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102619\
Data File : VN058980.D
Acq On : 25 Oct 2019 12:32
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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: VN058980.D

Acq: 25 Oct 2019 12:32

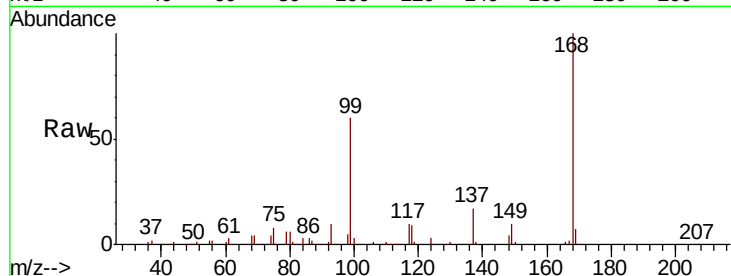
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 347588

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

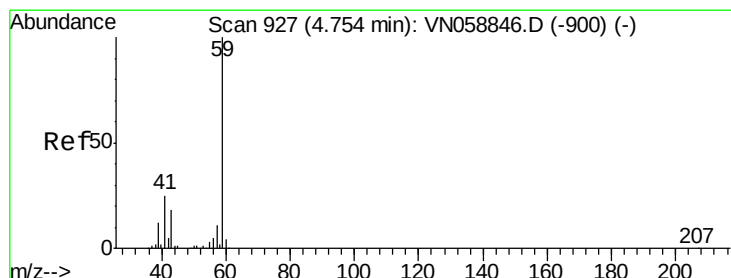
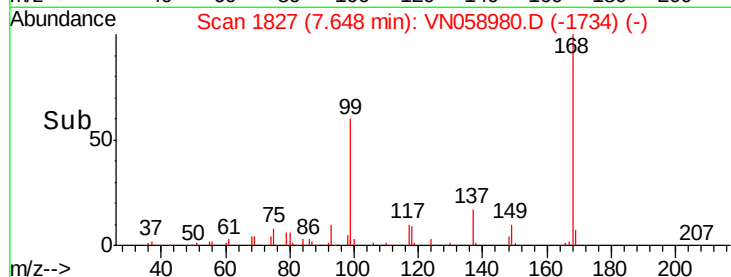
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.501 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN058980.D

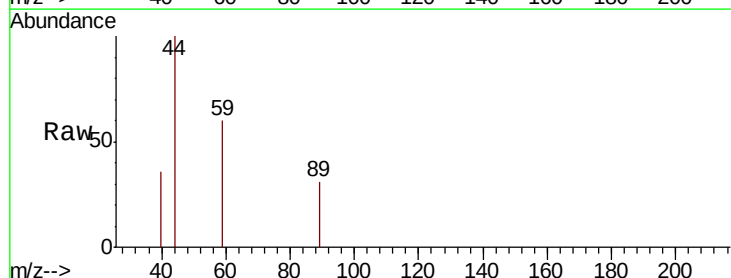
Acq: 25 Oct 2019 12:32

Tgt Ion: 59 Resp: 424

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.75

400

300

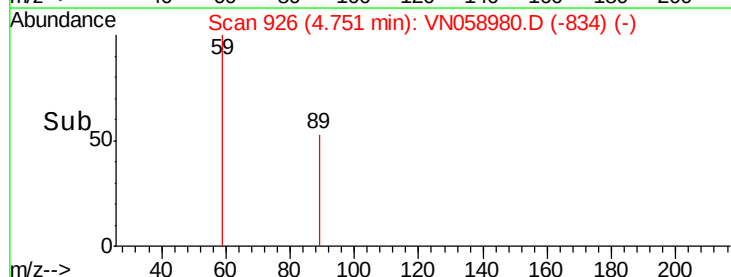
200

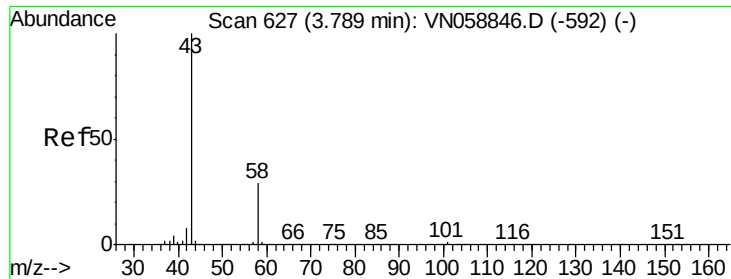
100

0

4.74 4.76 4.78

Time-->





#16

Acetone

Concen: 5.392 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

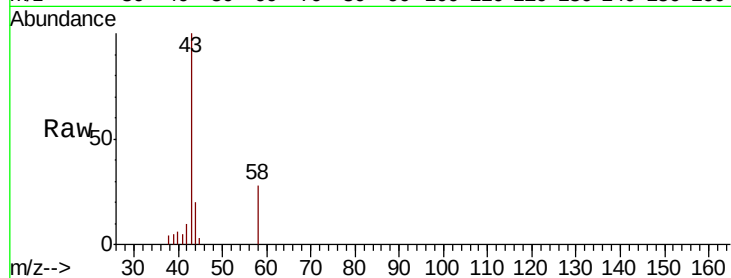
ClientSampled :

Tot Ion: 43 Resp: 13583

Ion Ratio Lower Upper

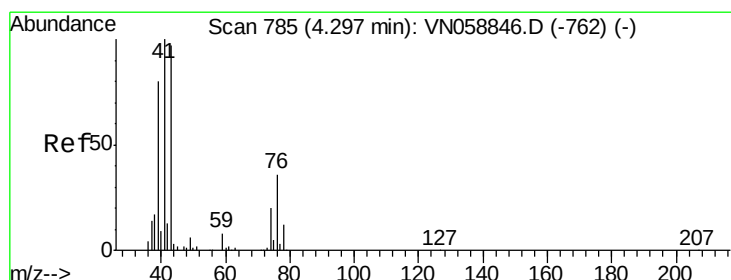
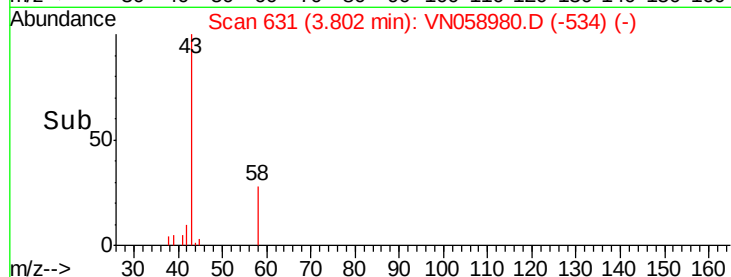
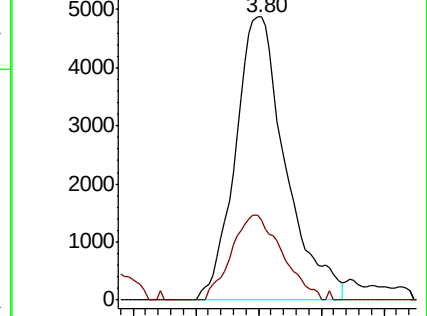
43 100

58 28.2 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: 1.230 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058980.D

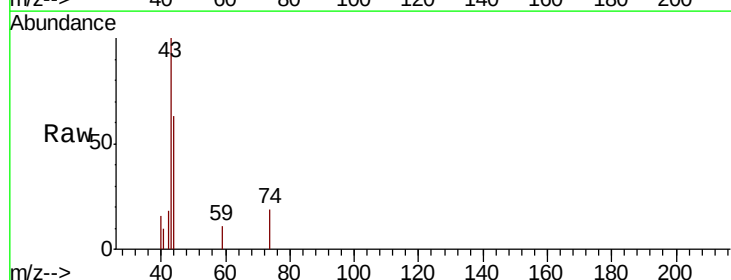
Acq: 25 Oct 2019 12:32

Tgt Ion: 43 Resp: 7044

Ion Ratio Lower Upper

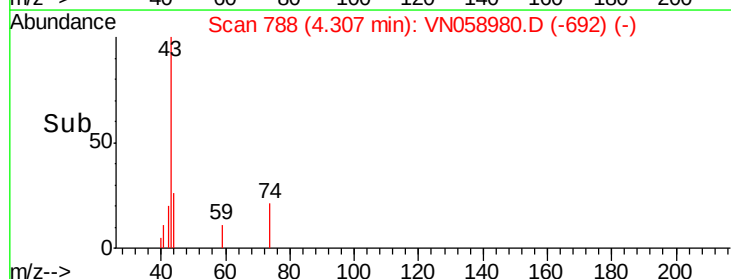
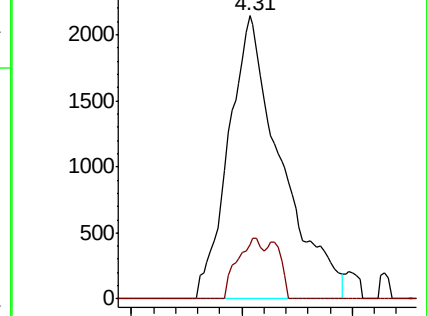
43 100

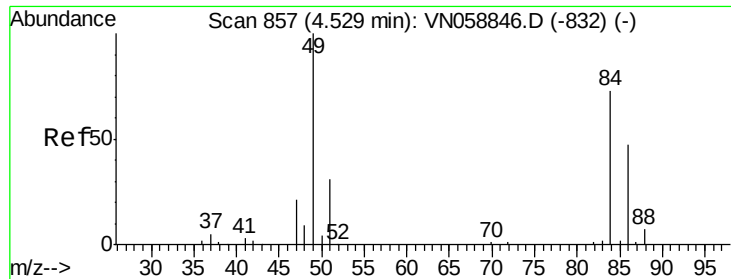
74 10.5 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

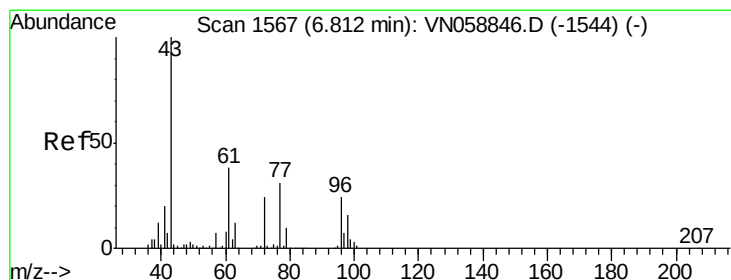
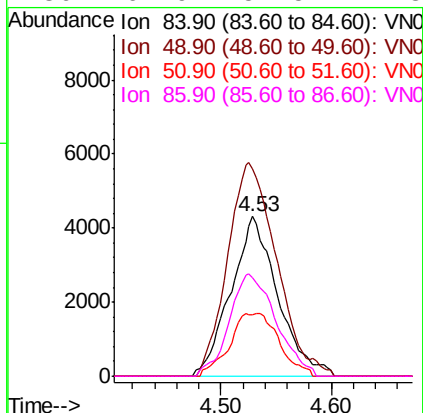
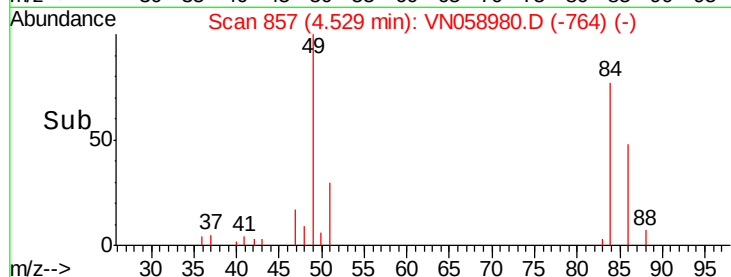
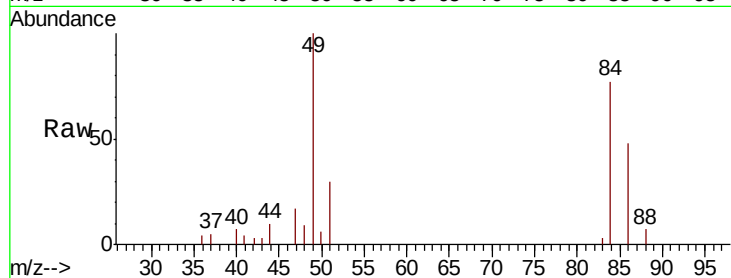




#20
Methvlene Chloride
Concen: 2.948 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

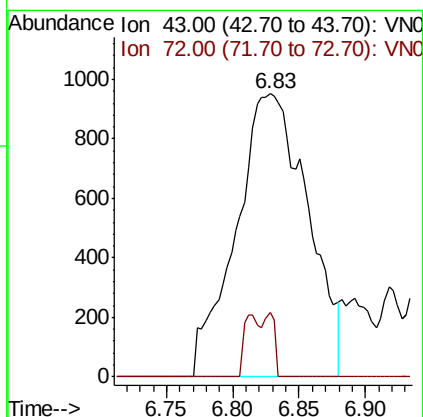
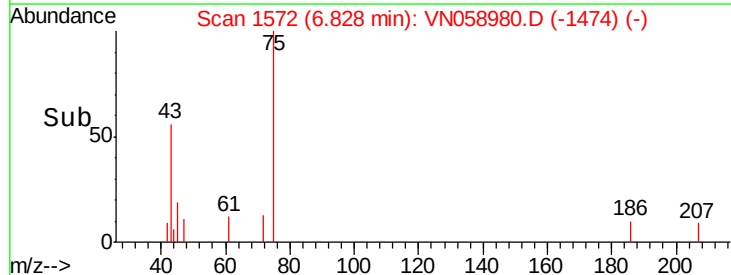
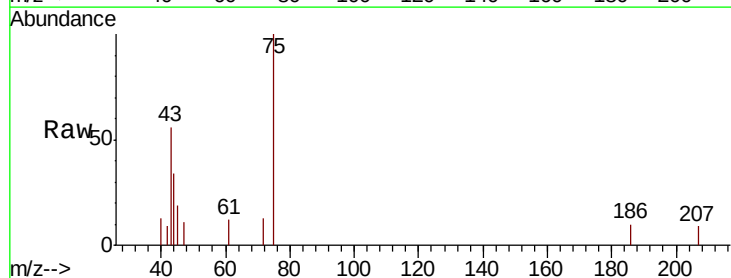
Instrument :
MSVOA_N
ClientSampleId :

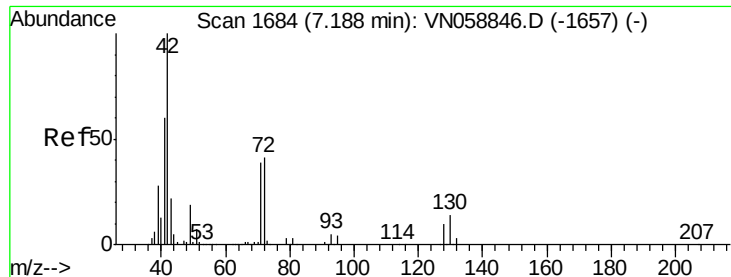
Tot Ion: 84 Resp: 12680
Ion Ratio Lower Upper
84 100
49 129.5 109.6 164.4
51 38.4 33.8 50.6
86 61.9 51.5 77.3



#25
2-Butanone
Concen: 1.096 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
72 22.8 19.1 28.7





#29

Tetrahydrofuran

Concen: 0.226 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

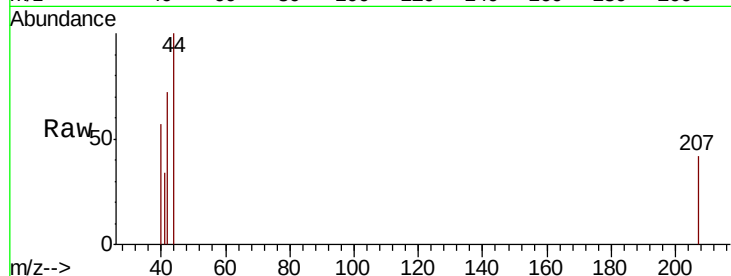
Tot Ion: 42 Resp: 453

Ion Ratio Lower Upper

42 100

72 0.0 32.2 48.2#

71 0.0 30.6 45.8#

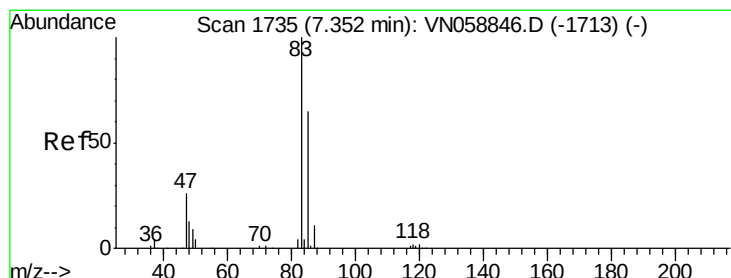
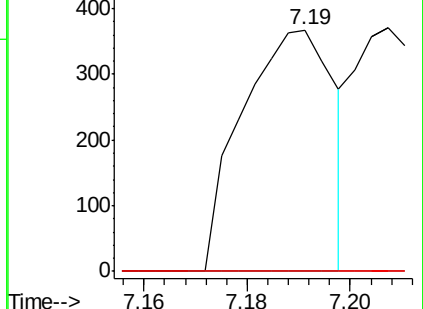
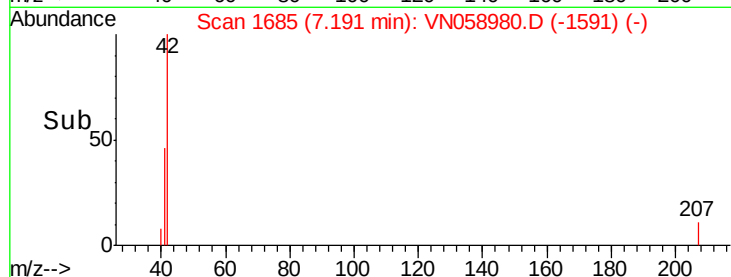


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#30

Chloroform

Concen: 0.788 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058980.D

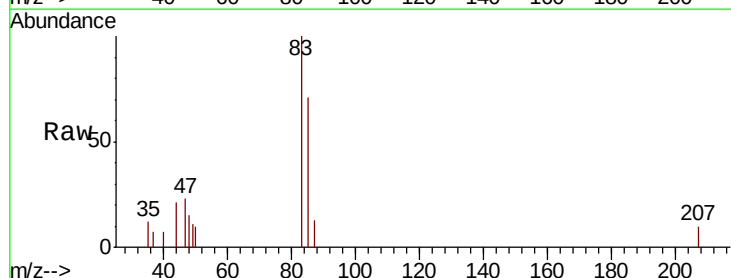
Acq: 25 Oct 2019 12:32

Tgt Ion: 83 Resp: 6213

Ion Ratio Lower Upper

83 100

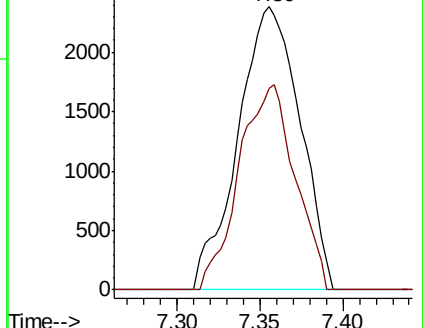
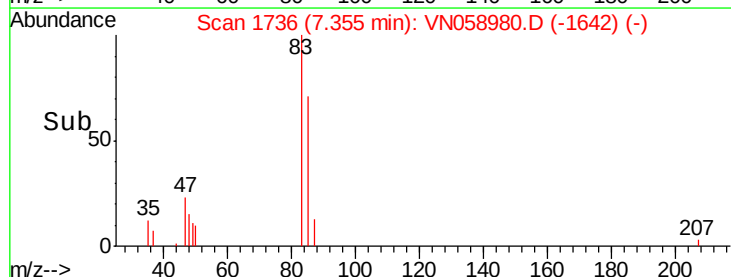
85 71.2 51.9 77.9

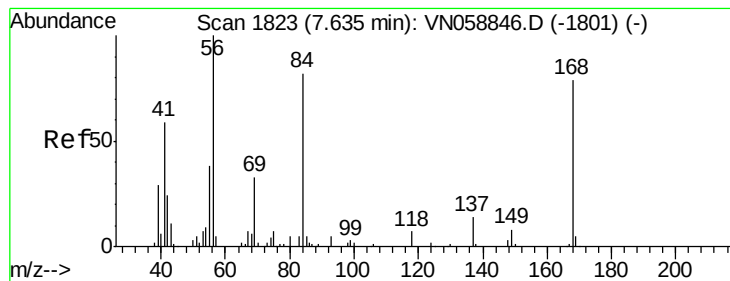


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->





#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :

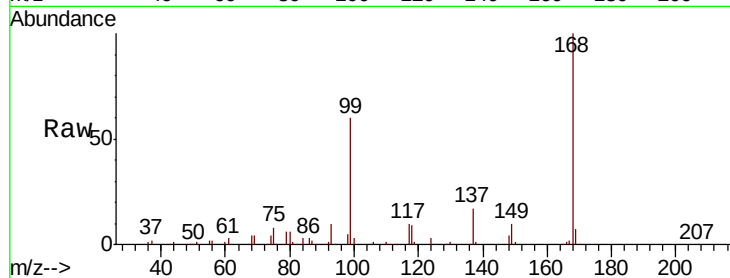
Tot Ion: 56 Resp: 8435

Ion Ratio Lower Upper

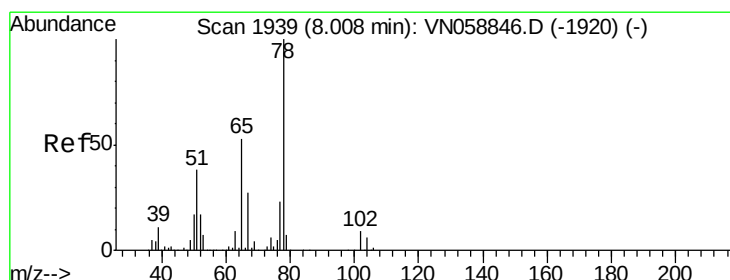
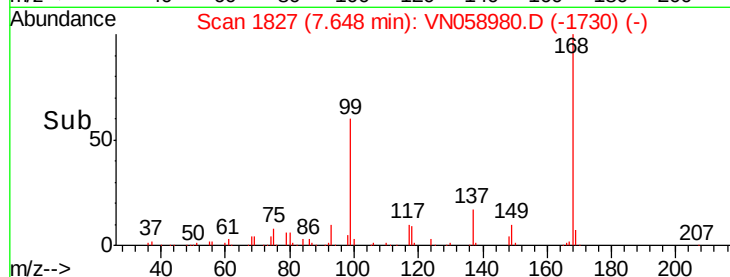
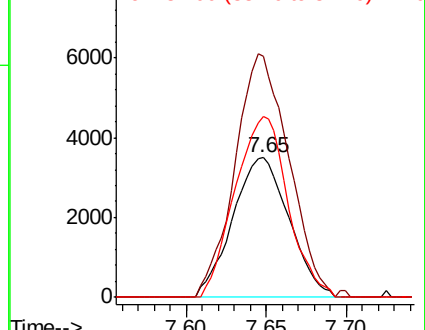
56 100

69 172.6 26.2 39.4#

84 129.4 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: 49.055 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058980.D

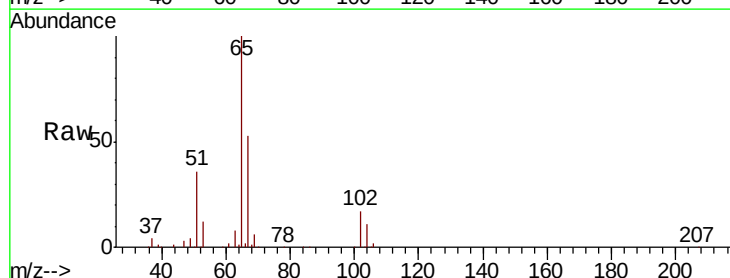
Acq: 25 Oct 2019 12:32

Tgt Ion: 65 Resp: 250080

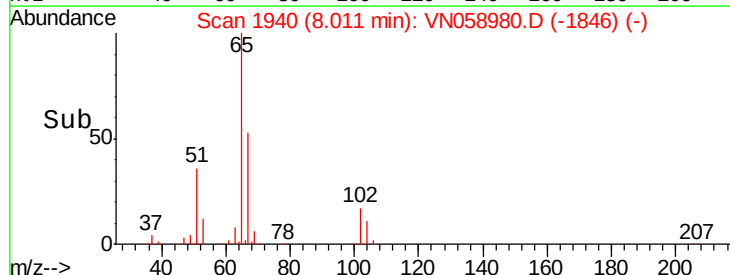
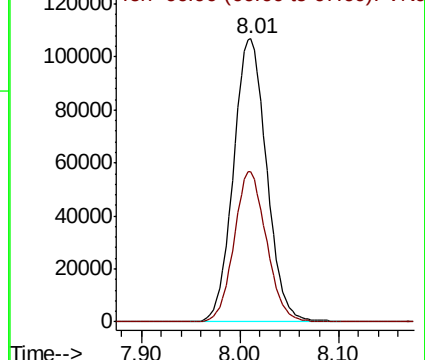
Ion Ratio Lower Upper

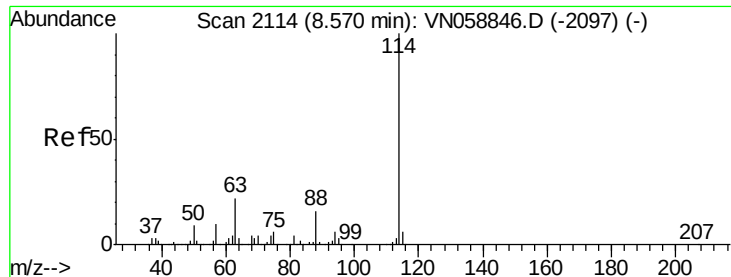
65 100

67 51.7 0.0 103.2



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

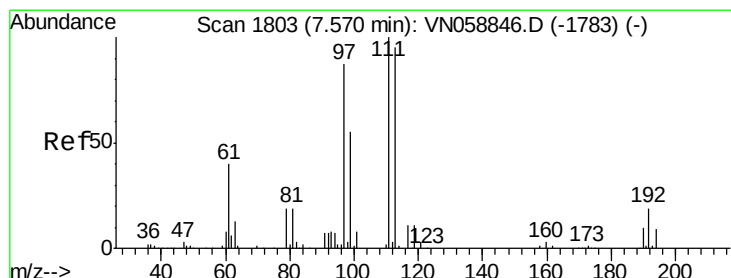
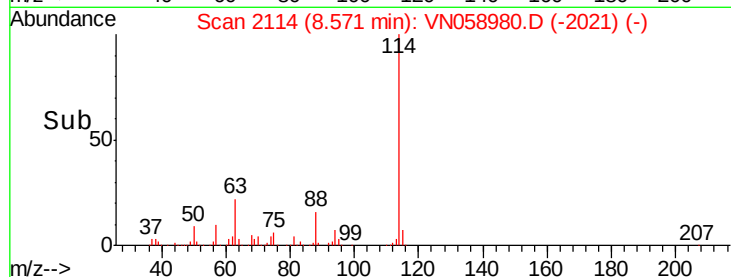
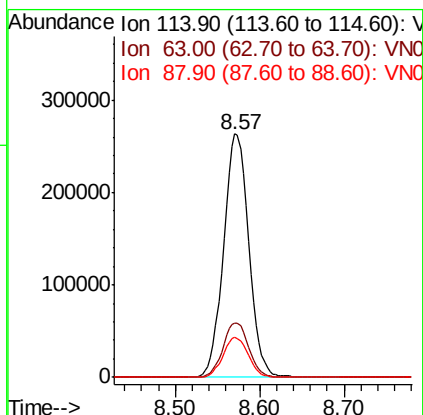
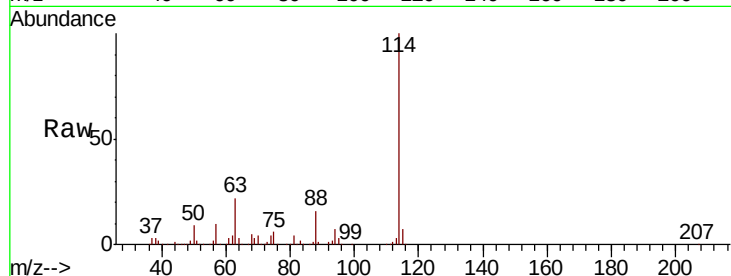




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

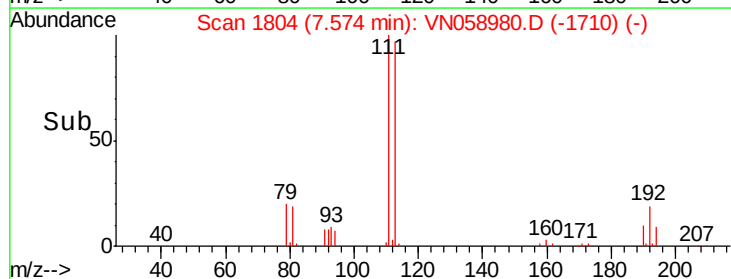
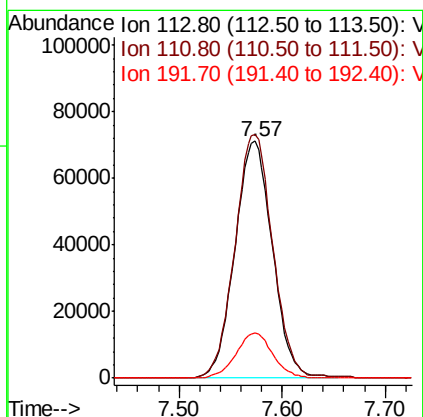
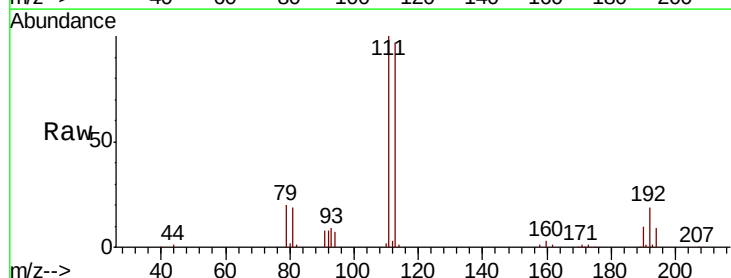
Instrument :
 MSVOA_N
 ClientSampleId :

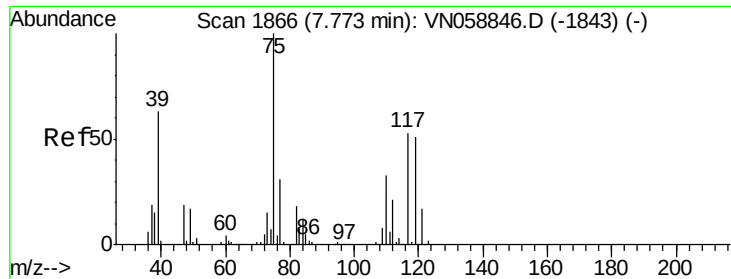
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	16.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 50.064 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.0	123.0
192	18.7	15.0	22.6

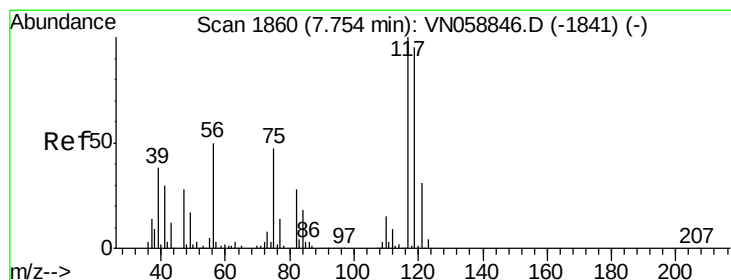
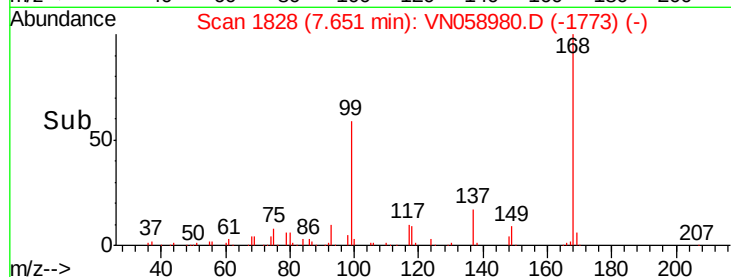
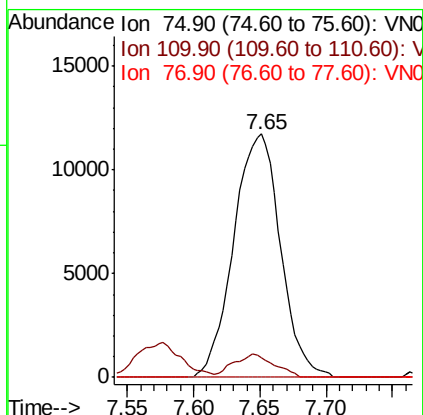
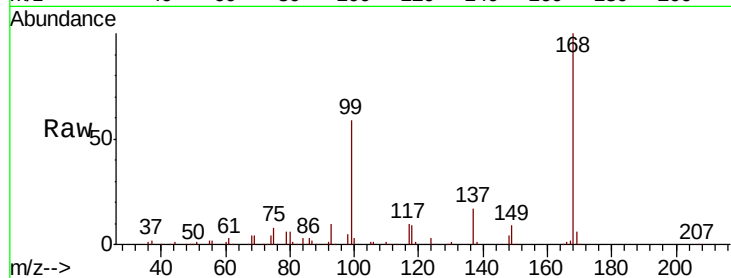




#36
 1,1-Dichloropropene
 Concen: 5.145 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

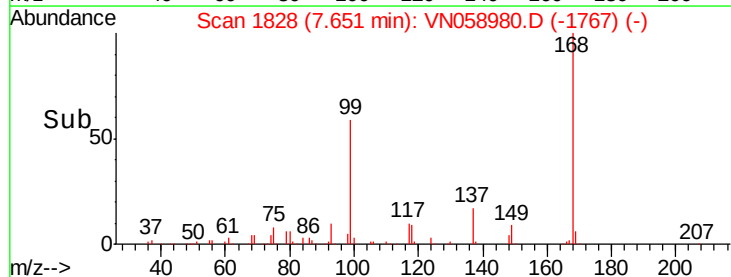
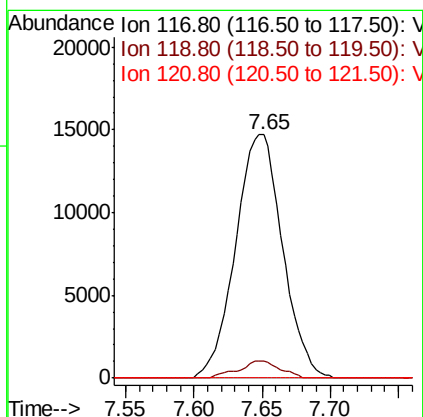
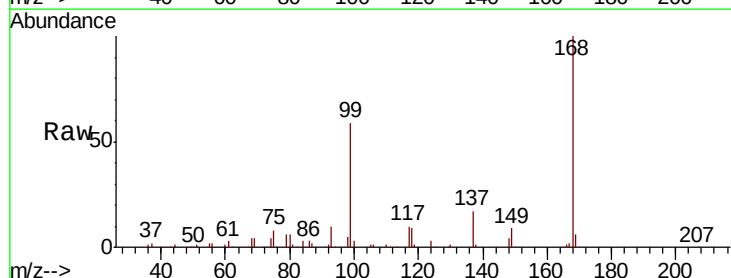
Instrument :
 MSVOA_N
 ClientSampled :

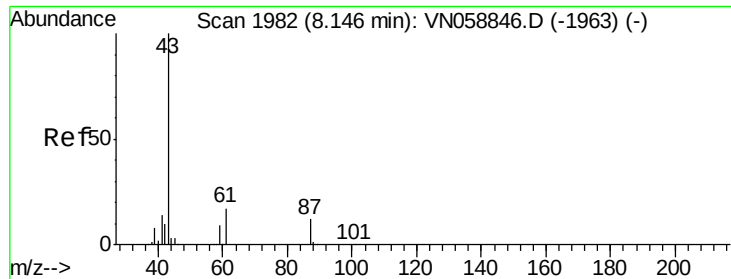
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.090 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.10 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.7	113.5#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 13.030 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

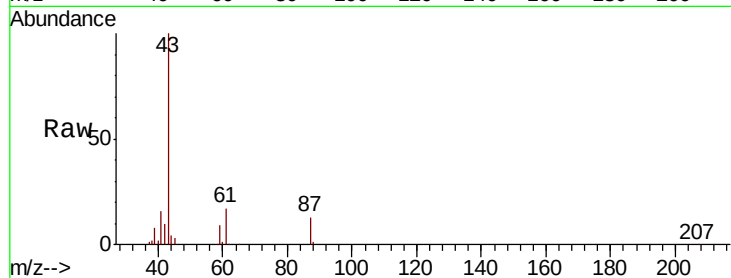
Tot Ion: 43 Resp: 127521

Ion Ratio Lower Upper

43 100

61 18.2 20.2 30.2#

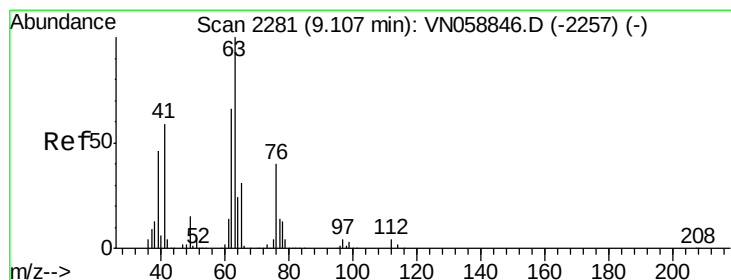
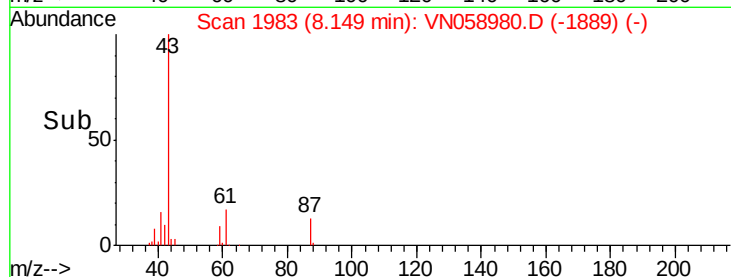
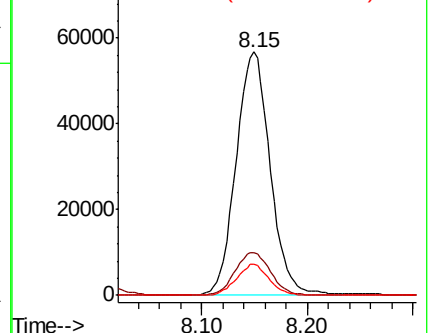
87 12.1 9.5 14.3



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: 0.569 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058980.D

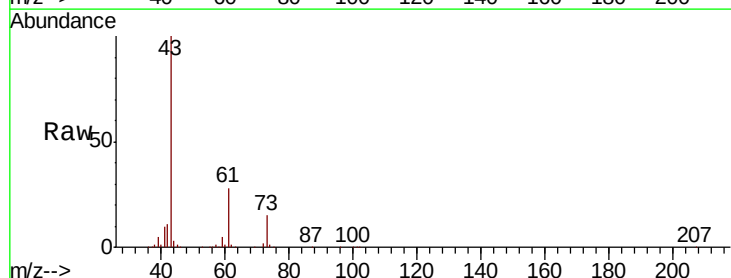
Acq: 25 Oct 2019 12:32

Tgt Ion: 63 Resp: 2567

Ion Ratio Lower Upper

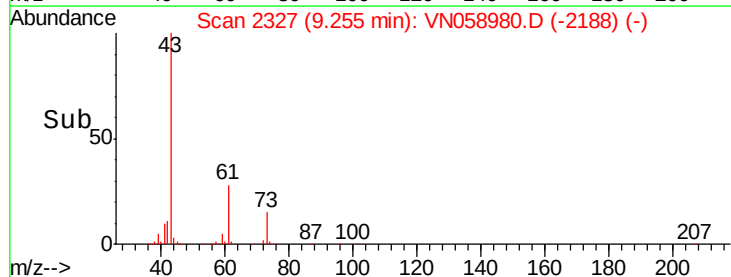
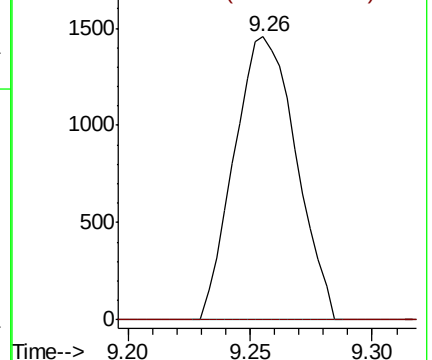
63 100

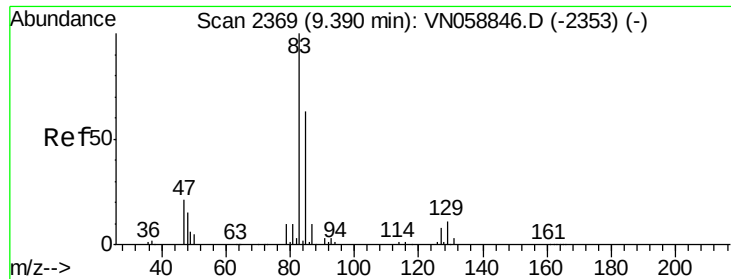
65 0.0 24.5 36.7#



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

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





#47

Bromodichloromethane

Concen: 0.286 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

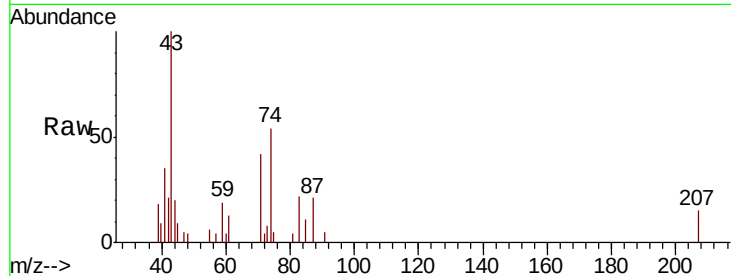
Tot Ion: 83 Resp: 1679

Ion Ratio Lower Upper

83 100

85 48.7 50.6 75.8#

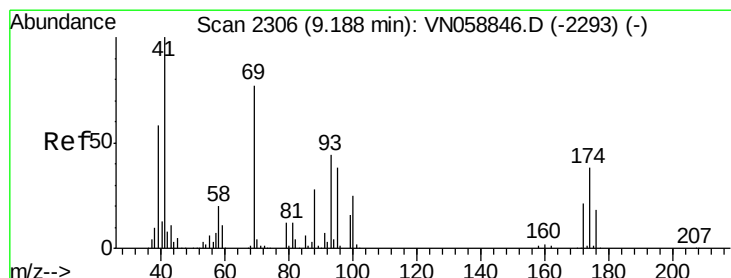
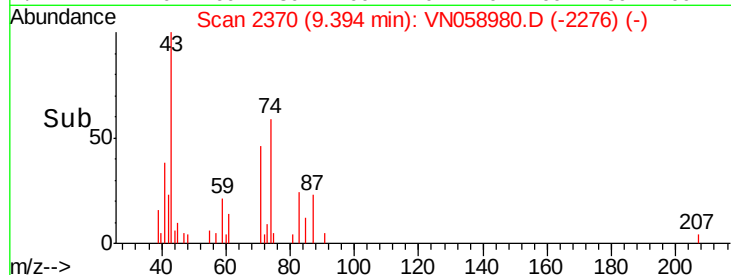
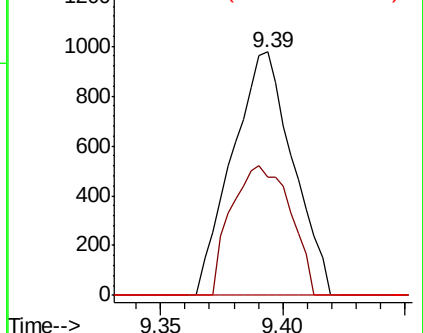
127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VN058846.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN058846.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN058846.D (-2353) (-)



#48

Methyl methacrylate

Concen: 1.636 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

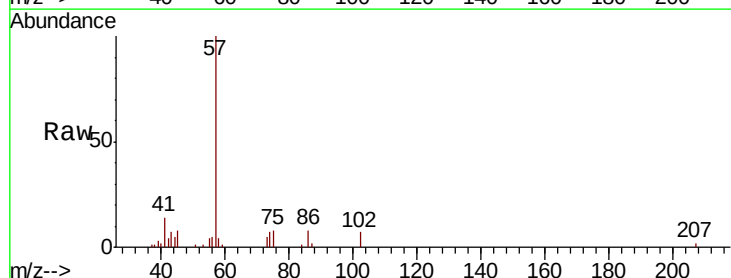
Tgt Ion: 41 Resp: 7266

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

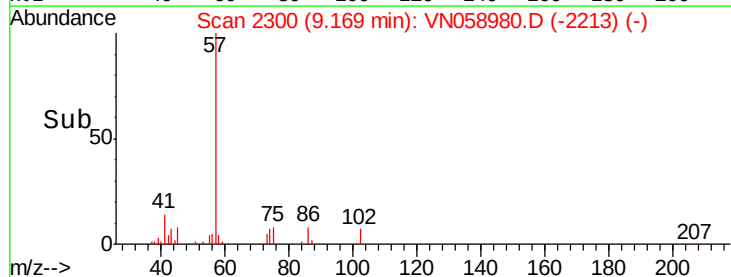
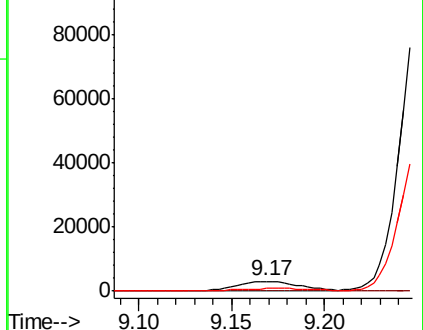
39 0.0 47.8 71.8#

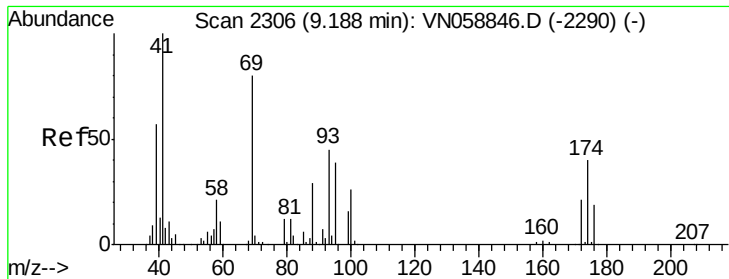


Abundance Ion 41.00 (40.70 to 41.70): VN058846.D (-2293) (-)

Ion 69.00 (68.70 to 69.70): VN058846.D (-2293) (-)

Ion 39.00 (38.70 to 39.70): VN058846.D (-2293) (-)

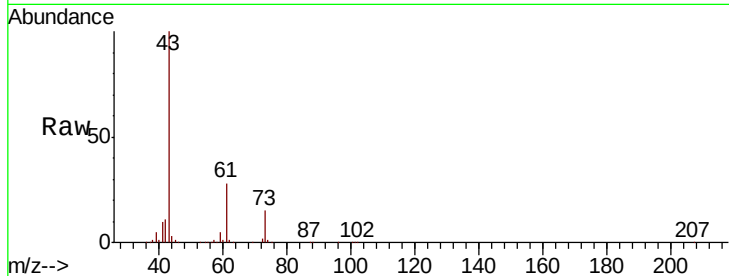




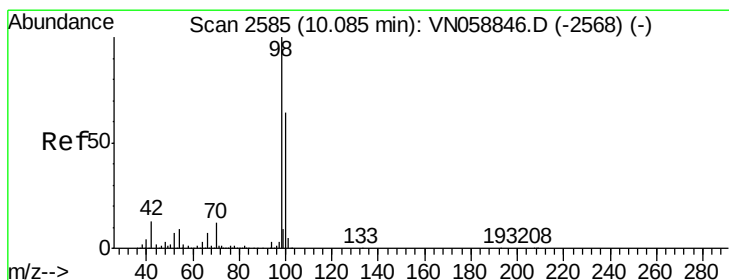
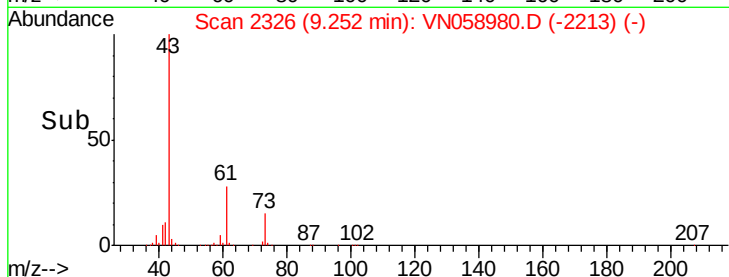
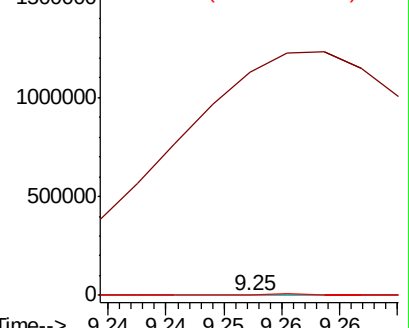
#49
1,4-Dioxane
Concen: 0.412 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 7578913.3 29.1 43.7#
58 35110.0 59.4 89.0#

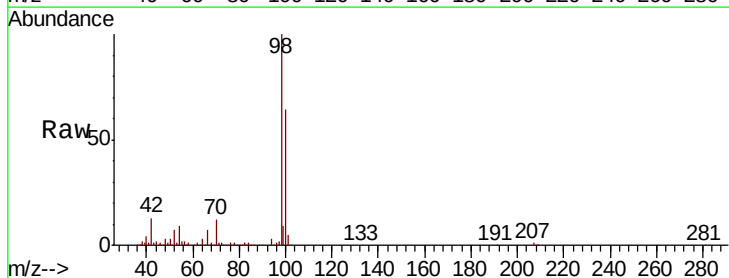


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

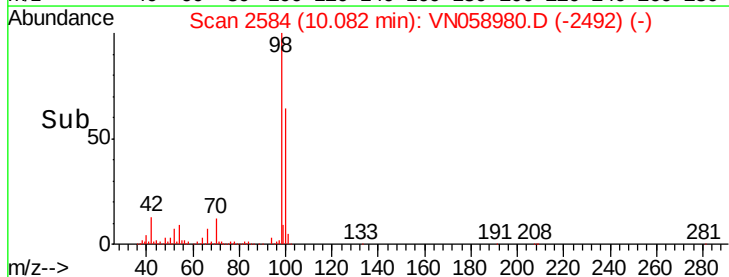
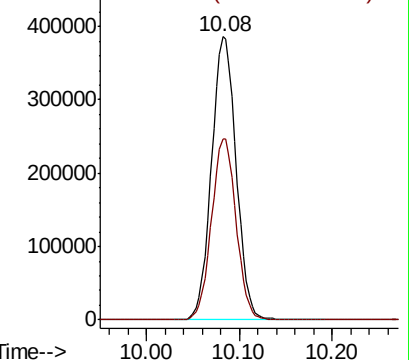


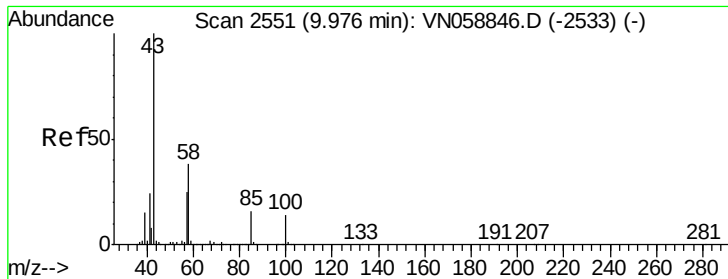
#50
Toluene-d8
Concen: 50.969 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion: 98 Resp: 711614
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.574 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

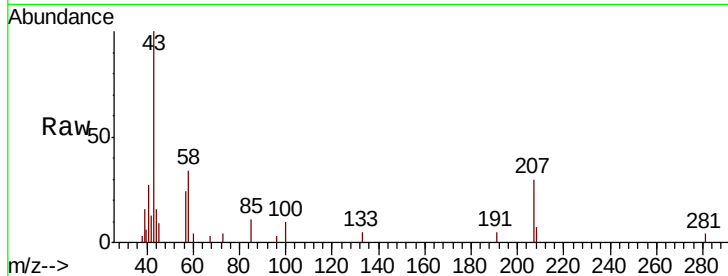
ClientSampled :

Tot Ion: 43 Resp: 8996

Ion Ratio Lower Upper

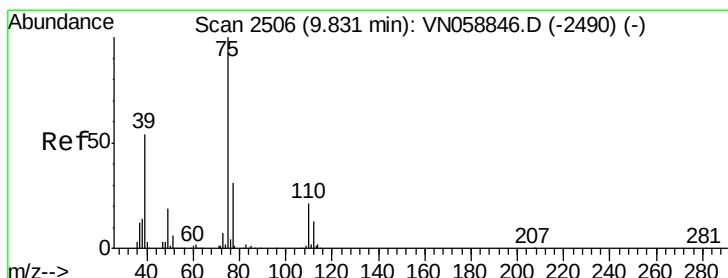
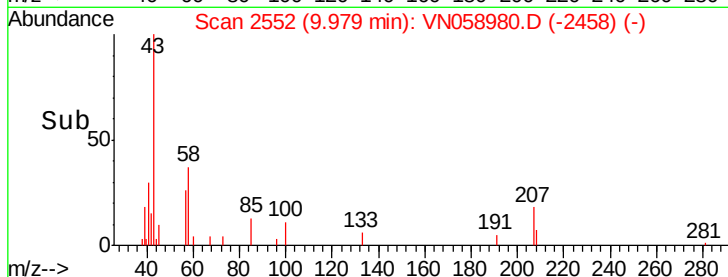
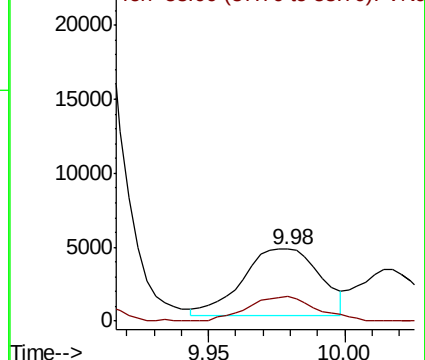
43 100

58 32.1 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) (-)



#54

cis-1,3-Dichloropropene

Concen: 7.083 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

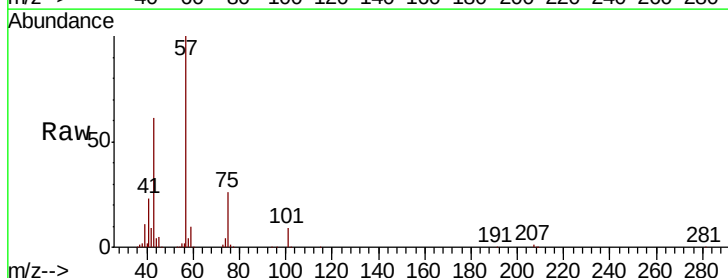
Tgt Ion: 75 Resp: 49226

Ion Ratio Lower Upper

75 100

77 0.7 24.7 37.1#

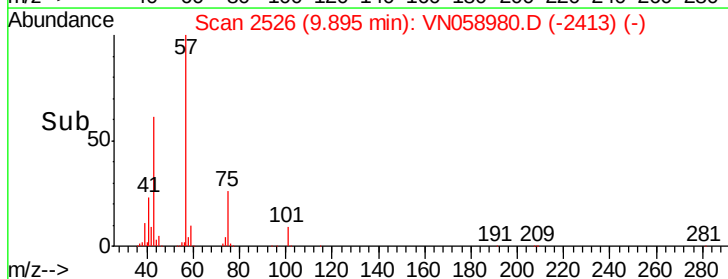
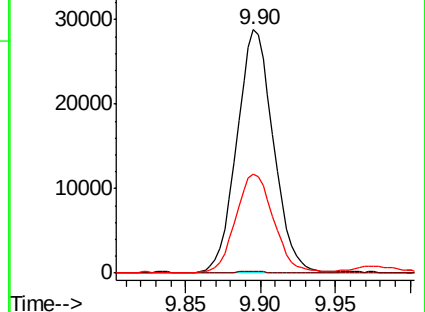
39 40.8 43.5 65.3#

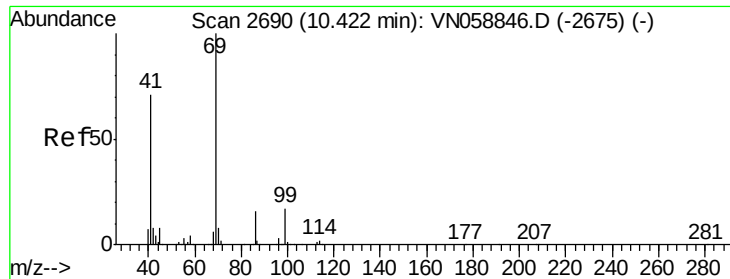


Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-2490) (-)

Ion 76.90 (76.60 to 77.60): VN058846.D (-2490) (-)

Ion 39.00 (38.70 to 39.70): VN058846.D (-2490) (-)





#56

Ethyl methacrylate

Concen: 2.486 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

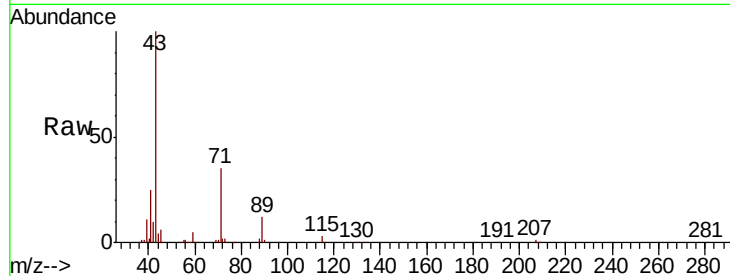
Tot Ion: 69 Resp: 2734

Ion Ratio Lower Upper

69 100

41 4097.1 57.2 85.8#

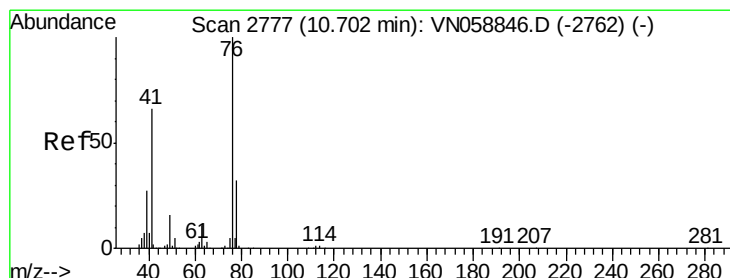
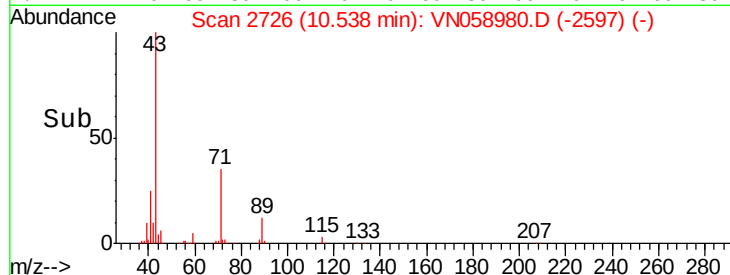
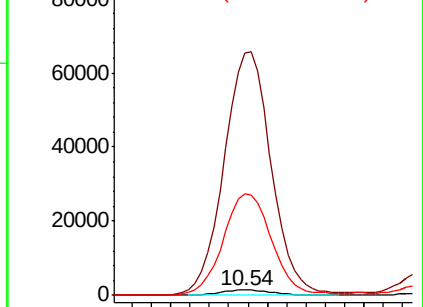
39 1754.1 31.0 46.4#



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: 1.300 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN058980.D

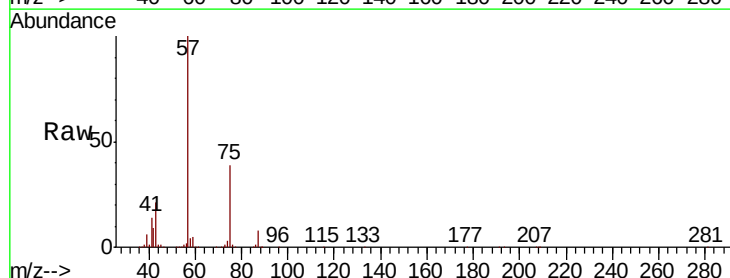
Acq: 25 Oct 2019 12:32

Tgt Ion: 76 Resp: 9170

Ion Ratio Lower Upper

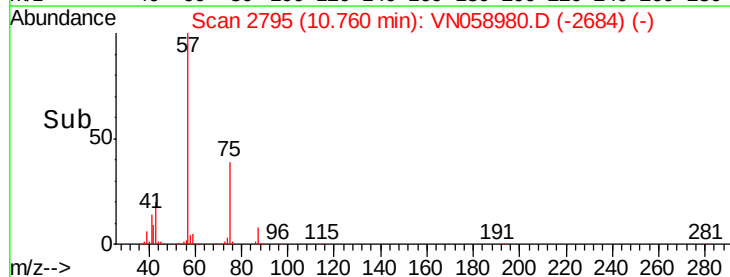
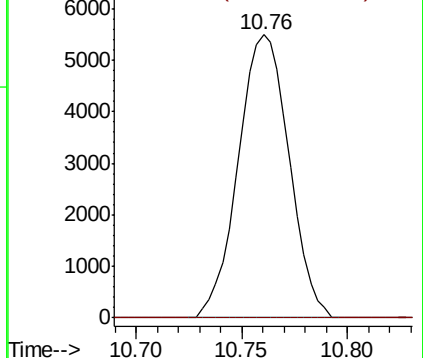
76 100

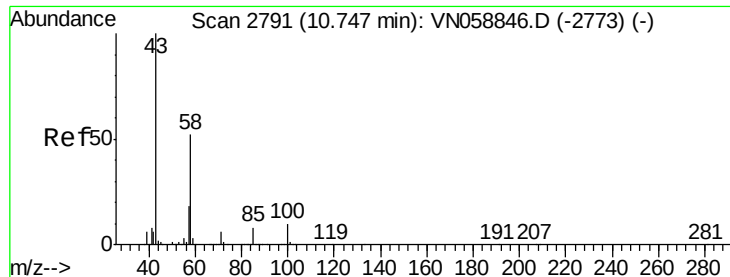
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

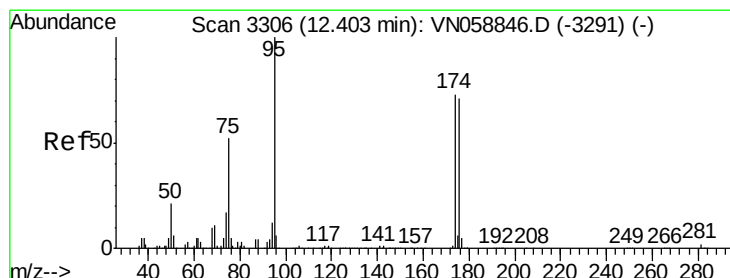
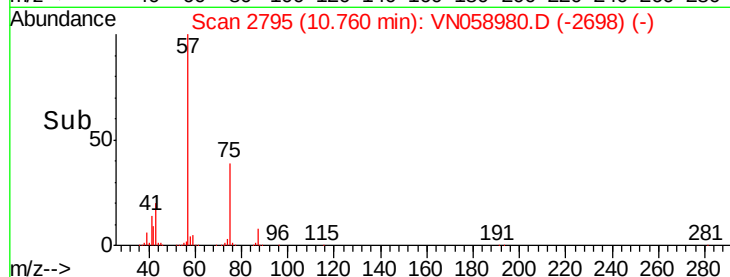
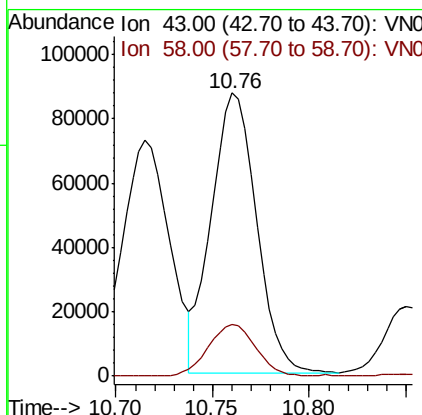
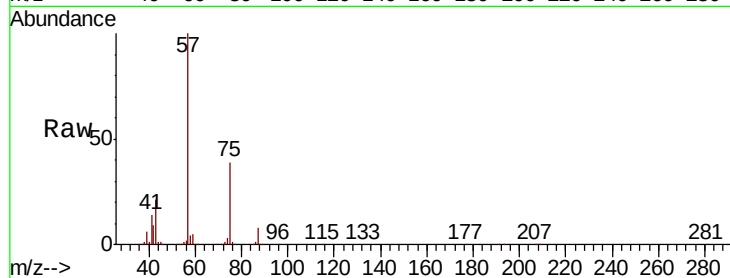




#59
2-Hexanone
Concen: 32.190 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

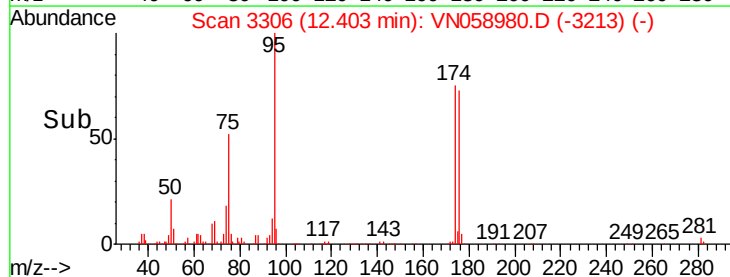
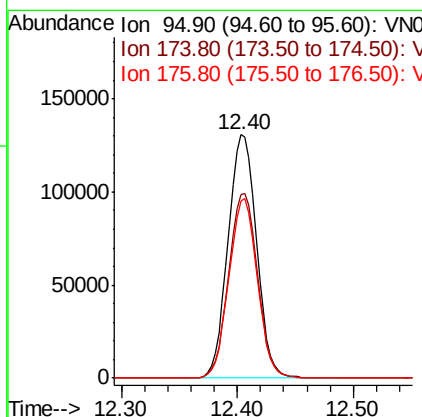
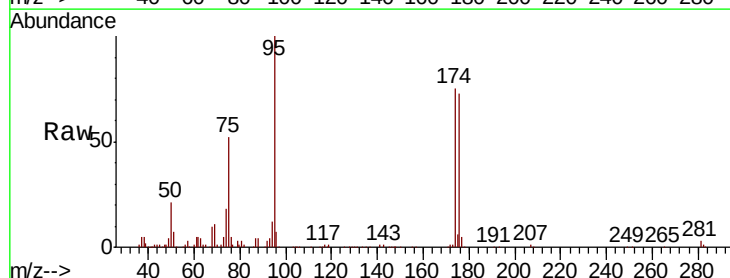
Instrument :
MSVOA_N
ClientSampleId :

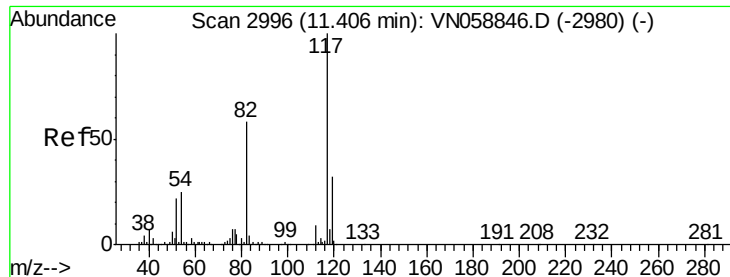
Tot Ion: 43 Resp: 142193
Ion Ratio Lower Upper
43 100
58 19.2 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 43.197 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion: 95 Resp: 221474
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.6
176 73.5 0.0 143.2

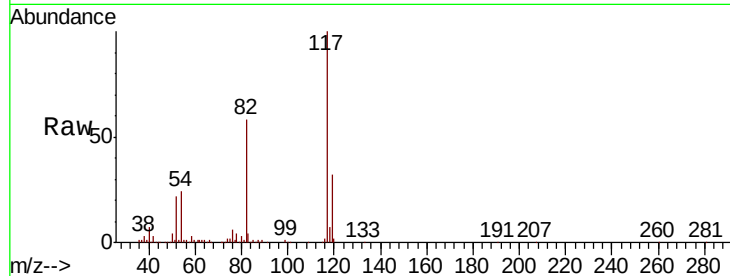




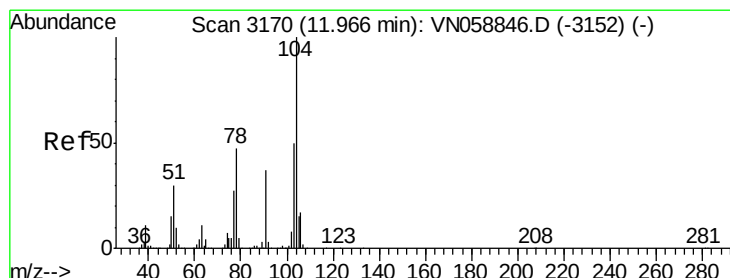
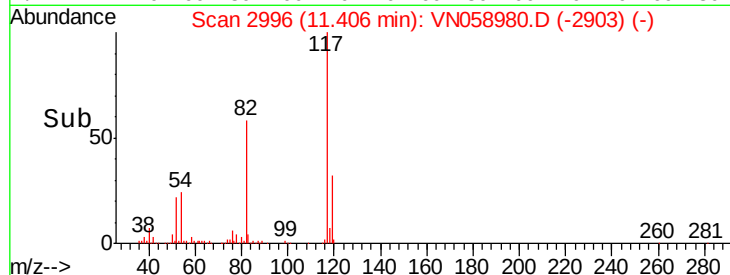
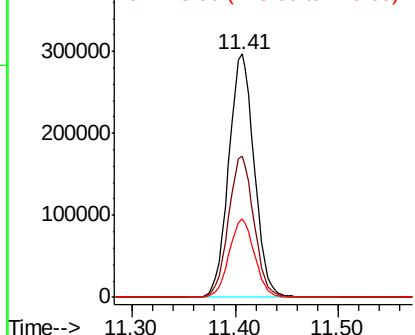
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 511962
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 32.2 25.6 38.4

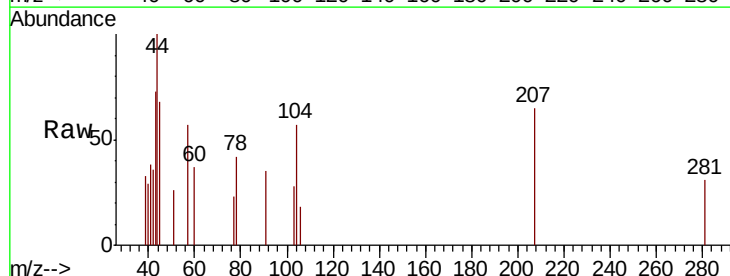


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

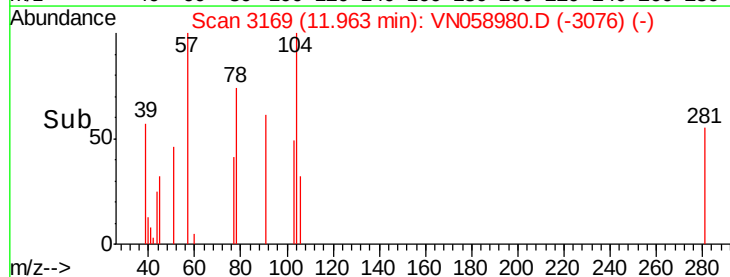
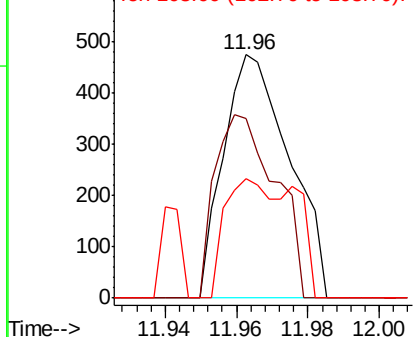


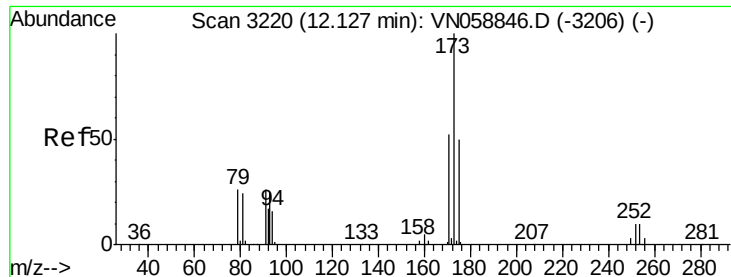
#70
Styrene
Concen: 1.763 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058980.D
Acq: 25 Oct 2019 12:32

Tgt Ion:104 Resp: 606
Ion Ratio Lower Upper
104 100
78 69.5 42.8 64.2#
103 52.5 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





#71

Bromoform

Concen: 0.441 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

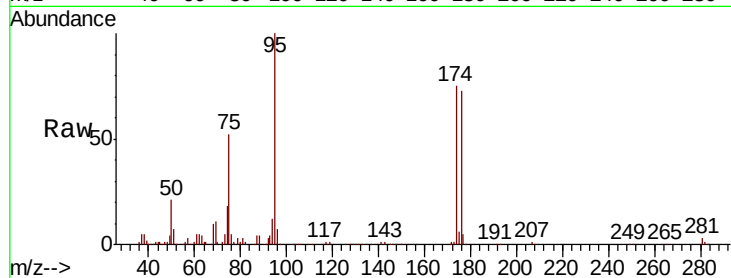
Tot Ion:173 Resp: 1346

Ion Ratio Lower Upper

173 100

175 755.5 24.7 74.1#

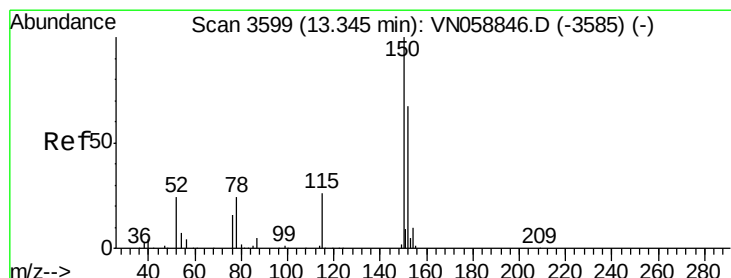
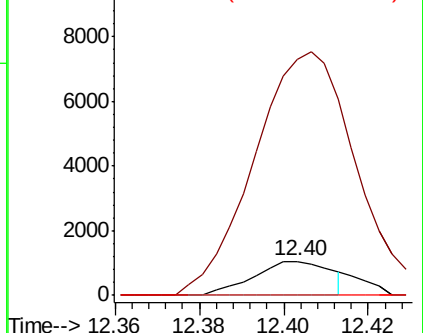
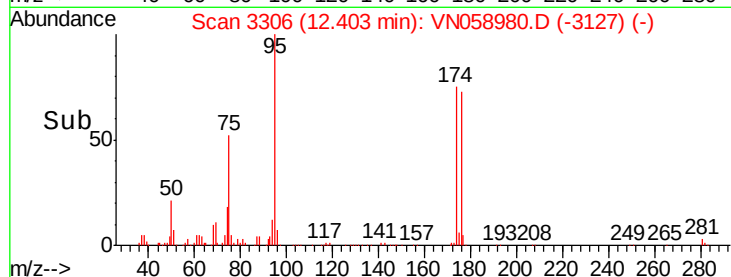
254 0.0 0.0 0.0



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: VN058980.D

Acq: 25 Oct 2019 12:32

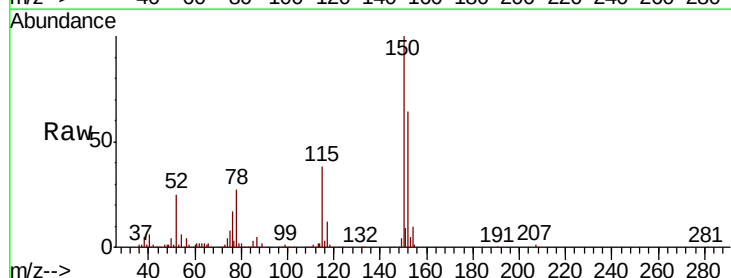
Tgt Ion:152 Resp: 181595

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

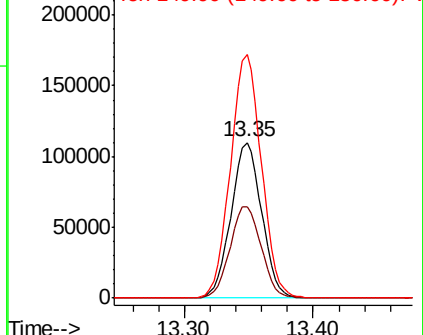
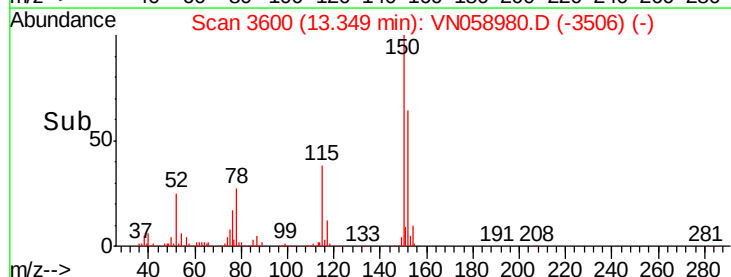
150 157.8 0.0 344.4

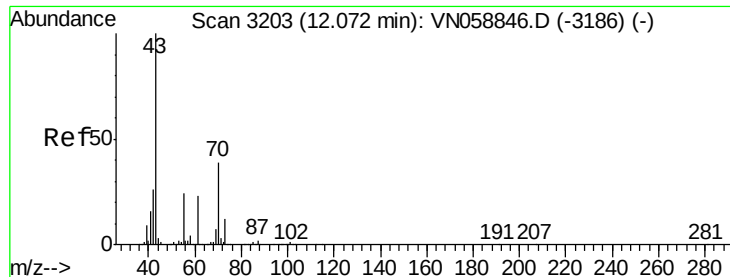


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.831 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 5002

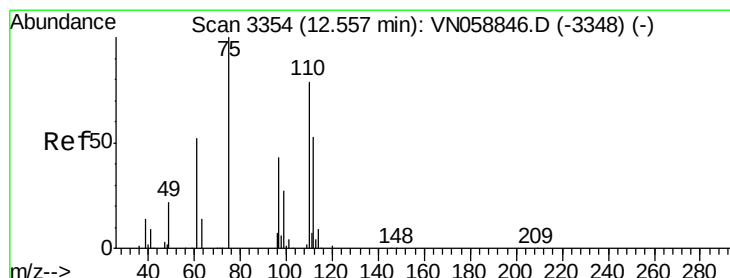
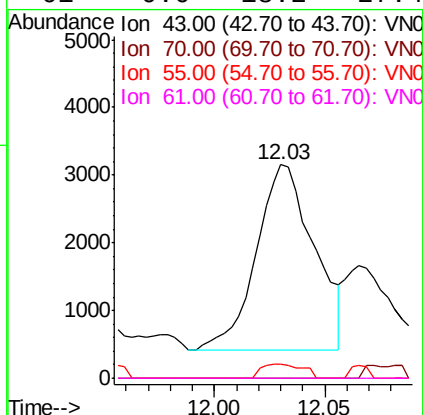
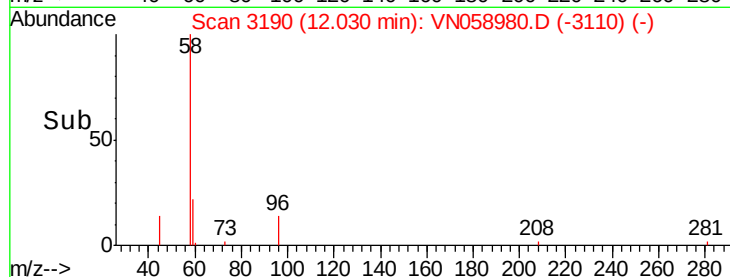
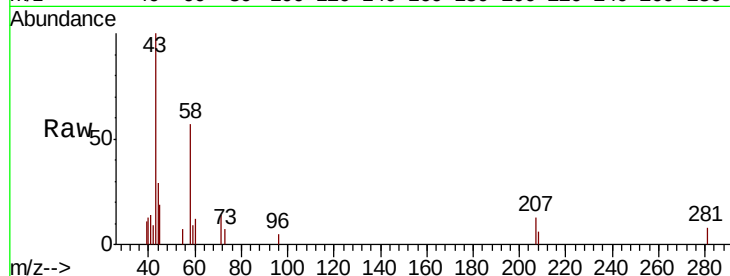
Ion Ratio Lower Upper

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: 27.654 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058980.D

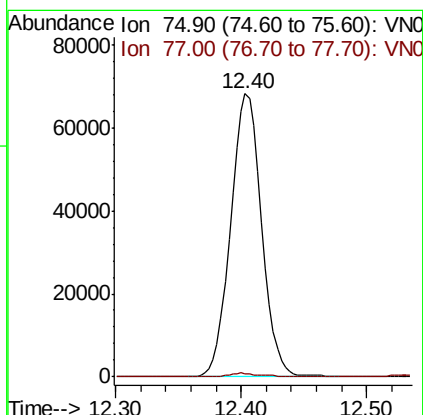
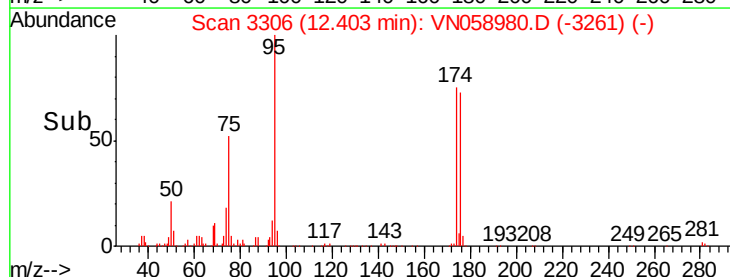
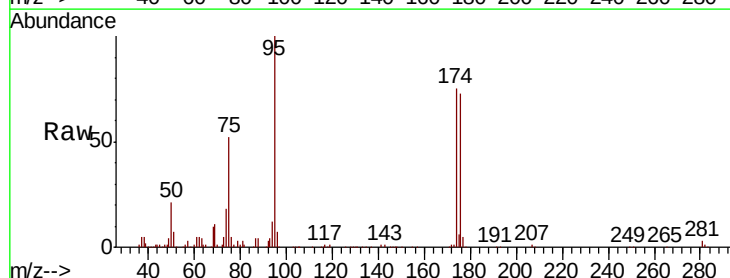
Acq: 25 Oct 2019 12:32

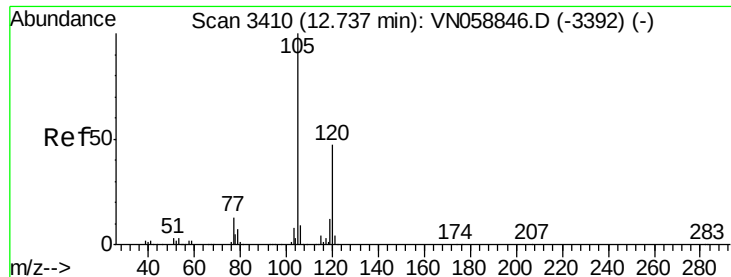
Tgt Ion: 75 Resp: 116385

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

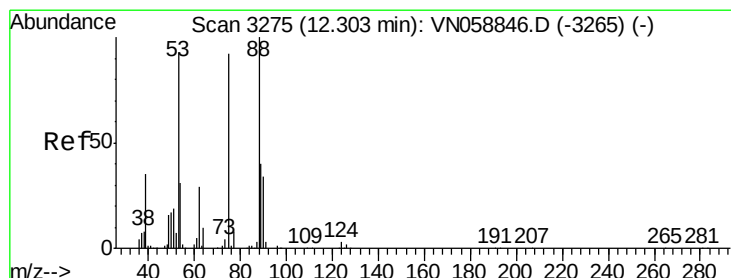
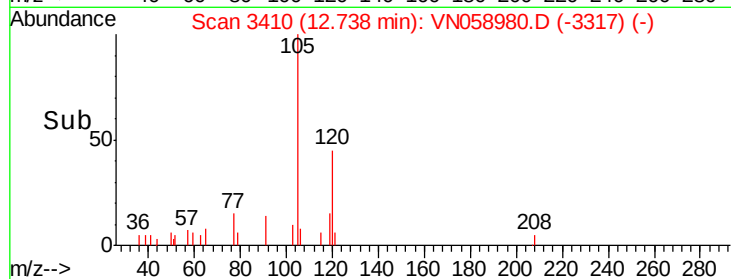
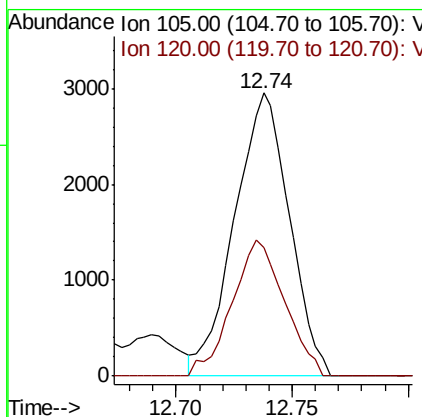
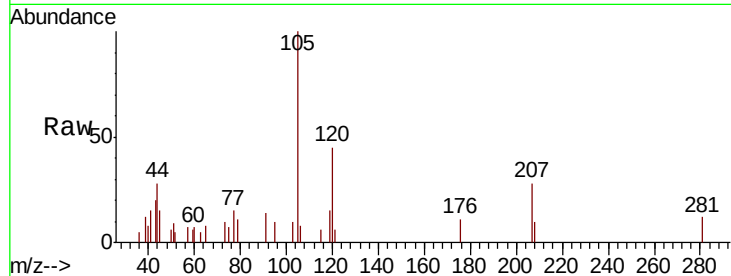




#80
 1,3,5-Trimethylbenzene
 Concen: 0.434 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

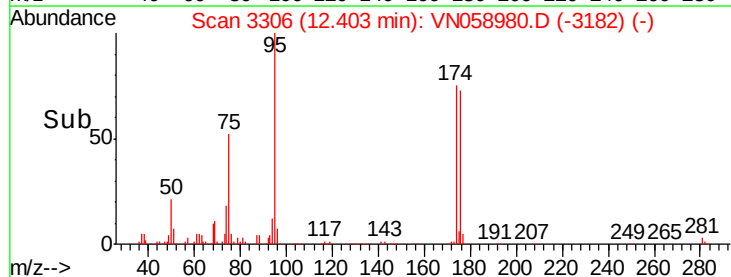
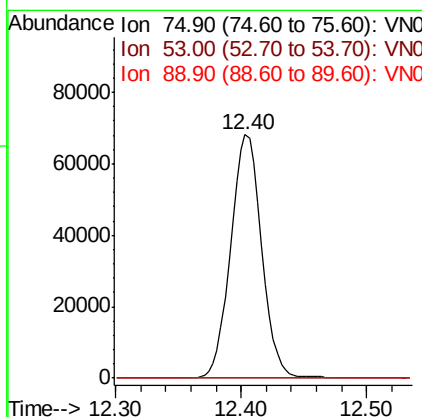
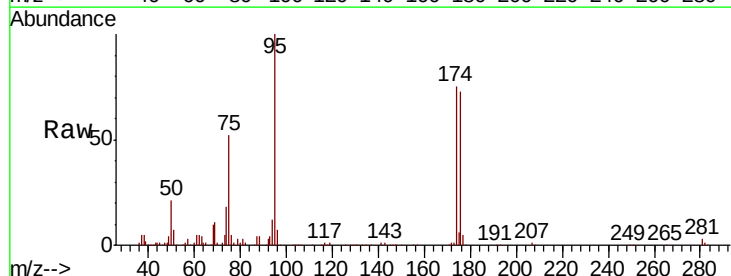
Instrument :
 MSVOA_N
 ClientSampled :

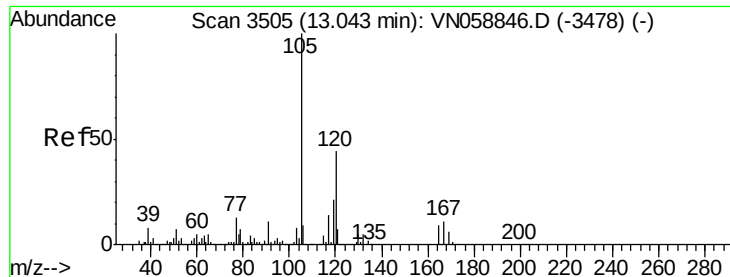
Tot Ion: 105 Resp: 4843
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.040 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

Tgt Ion: 75 Resp: 116385
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 118.0#
 89 0.0 35.4 53.0#

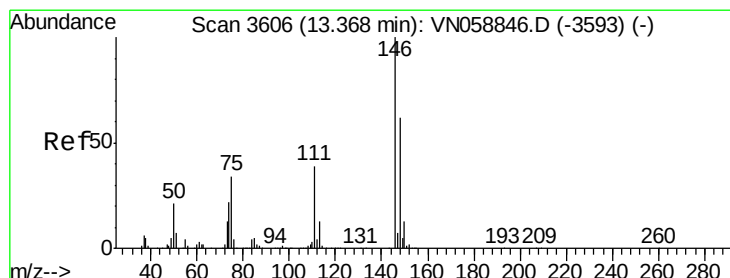
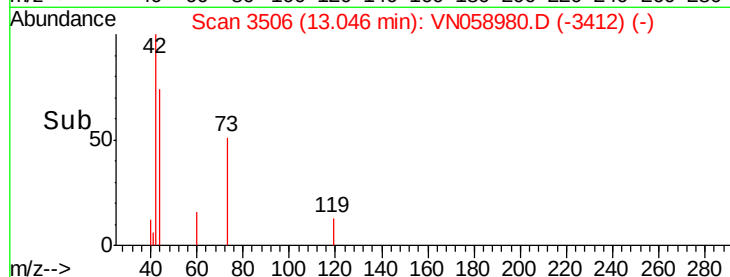
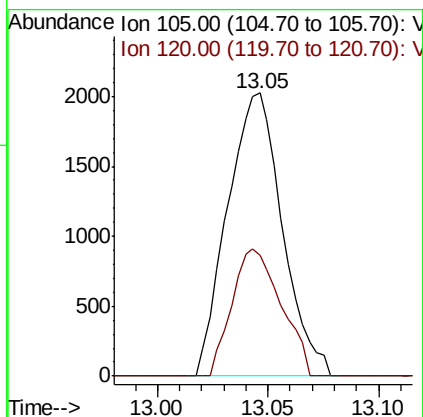
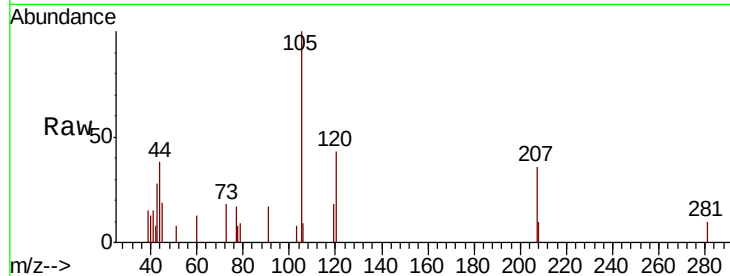




#84
 1,2,4-Trimethylbenzene
 Concen: 0.317 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

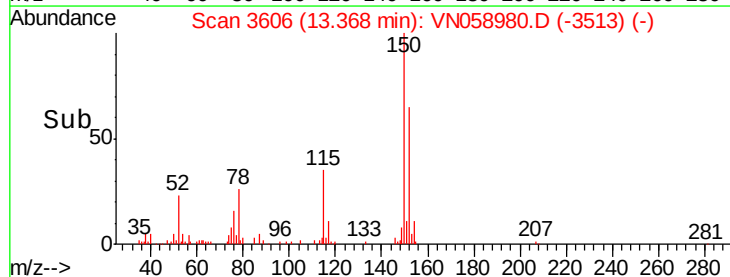
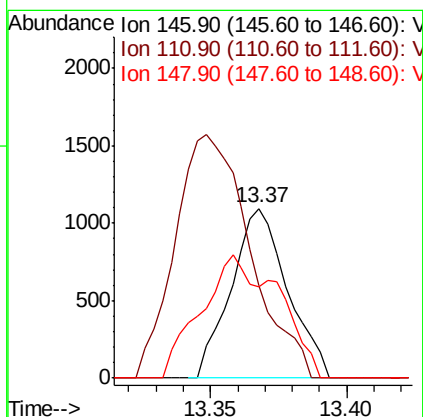
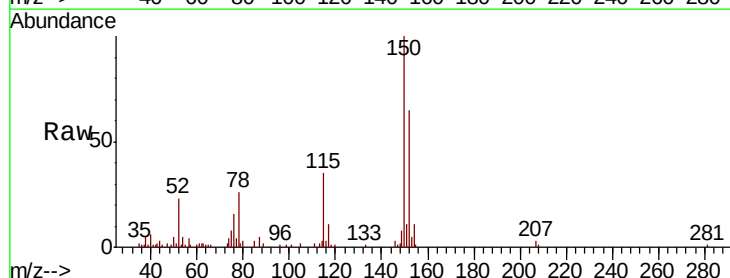
Instrument :
 MSVOA_N
 ClientSampled :

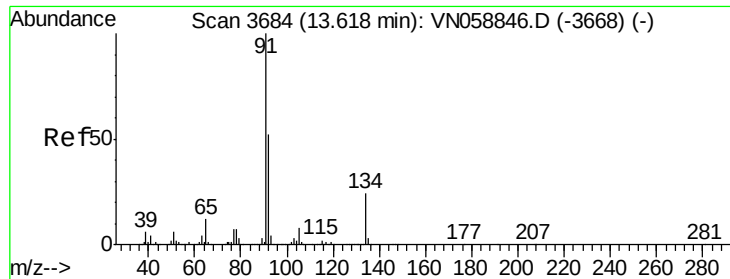
Tot Ion:105 Resp: 3488
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.9 65.8



#88
 1,4-Dichlorobenzene
 Concen: 0.268 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

Tgt Ion:146 Resp: 1572
 Ion Ratio Lower Upper
 146 100
 111 191.2 20.2 60.6#
 148 100.1 31.6 94.7#





#89

n-Butylbenzene

Concen: 0.213 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

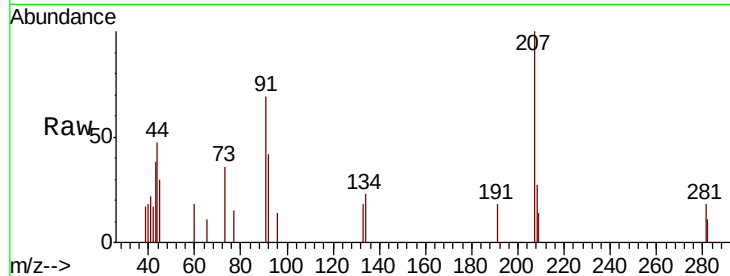
Tot Ion: 91 Resp: 2194

Ion Ratio Lower Upper

91 100

92 43.6 25.7 77.1

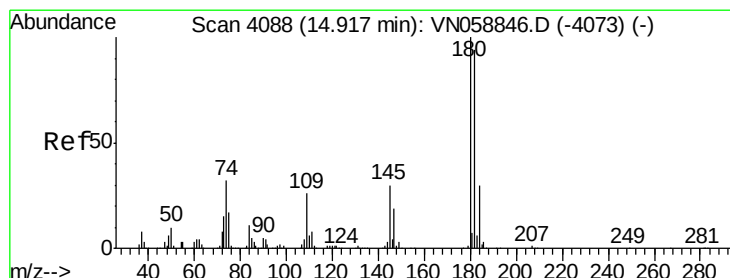
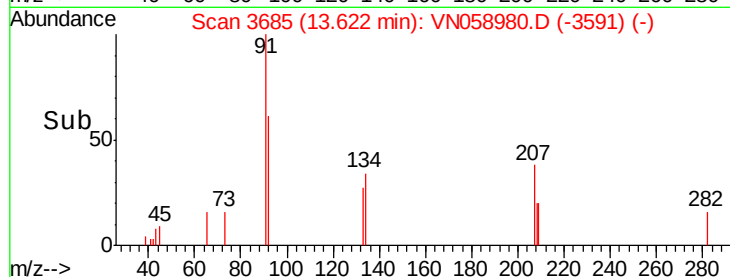
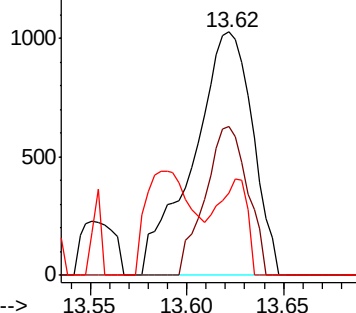
134 20.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN058846.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN058846.D (-3668) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.009 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

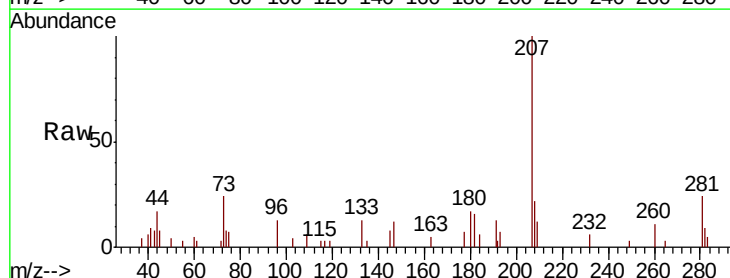
Tgt Ion: 180 Resp: 1860

Ion Ratio Lower Upper

180 100

182 81.2 47.3 142.0

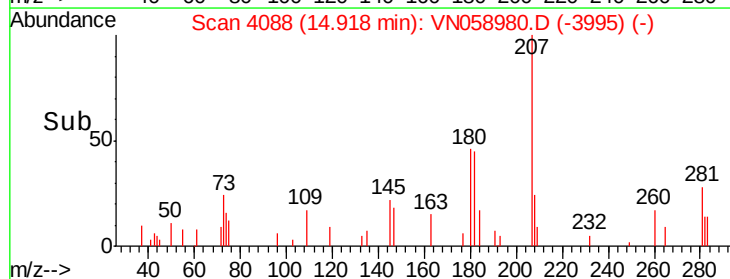
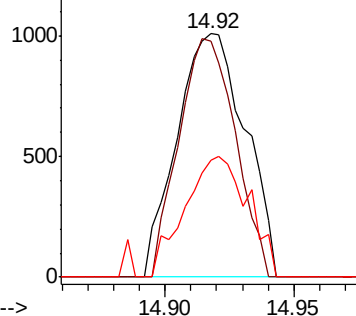
145 46.3 15.3 45.8#

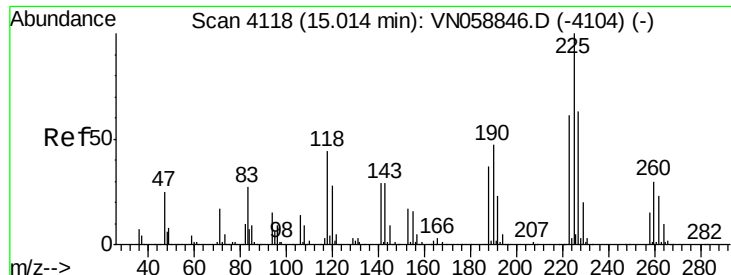


Abundance Ion 179.80 (179.50 to 180.50): VN058846.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN058846.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN058846.D (-4073) (-)





#94

Hexachlorobutadiene

Concen: 0.226 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

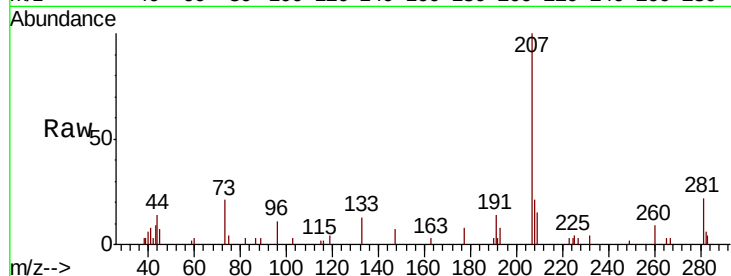
Tot Ion:225 Resp: 421

Ion Ratio Lower Upper

225 100

223 66.0 30.9 92.5

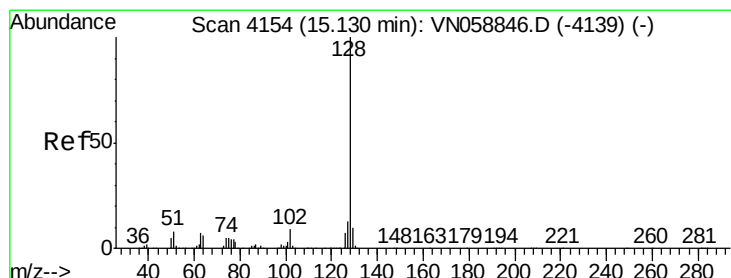
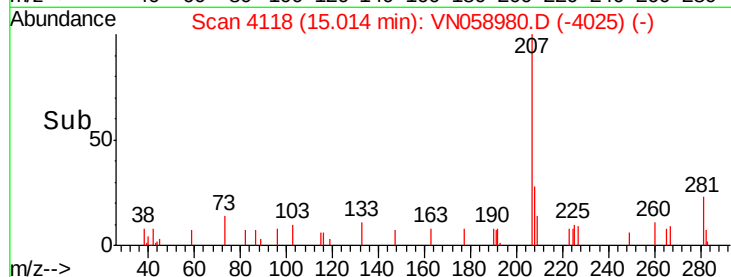
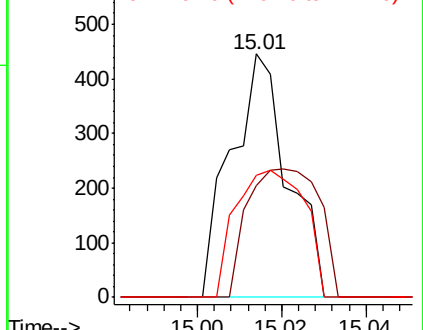
227 62.5 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.100 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058980.D

Acq: 25 Oct 2019 12:32

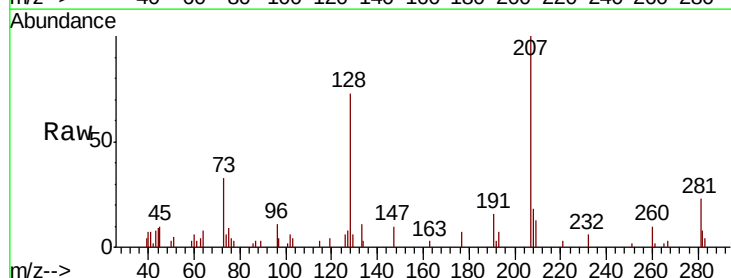
Tgt Ion:128 Resp: 9518

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

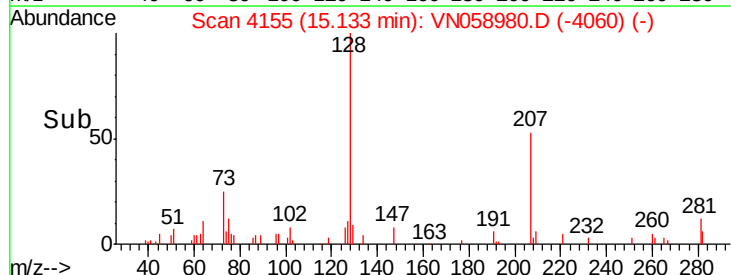
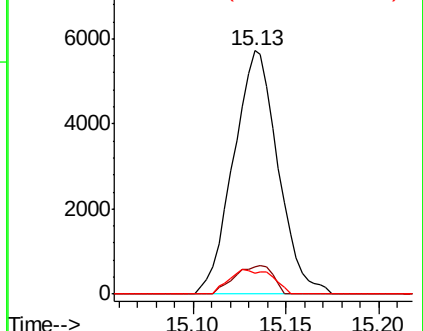
129 9.6 8.4 12.6

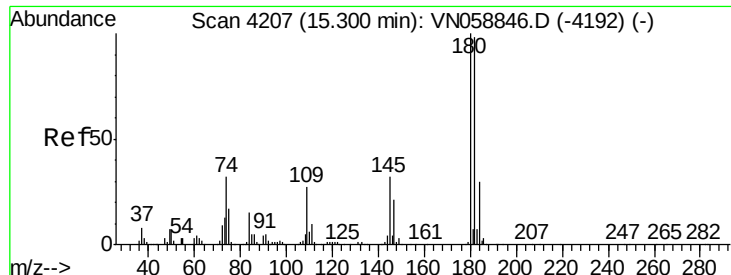


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

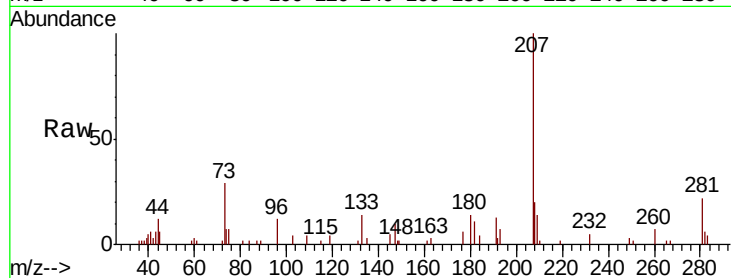




#96
 1,2,3-Trichlorobenzene
 Concen: 3.041 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058980.D
 Acq: 25 Oct 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.1	47.9	143.7
145	45.3	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

