

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058448.D
 Acq On : 30 Sep 2019 19:58
 Operator : JC/SP
 Sample : K5079-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 01 01:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	422435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	609814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243412	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	304036	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	7.58	113	217251	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	10.09	98	882614	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.41	95	287632	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	574	0.217	ug/l	96
8) Diethyl Ether	3.38	74	597	0.230	ug/l	68
11) Tert butyl alcohol	4.76	59	173	0.252	ug/l #	71
14) Allyl chloride	4.54	41	12240	1.688	ug/l #	20
16) Acetone	3.81	43	9428	4.480	ug/l	98
17) Carbon Disulfide	4.04	76	2595	0.247	ug/l #	72
18) Methyl Acetate	4.31	43	2251	0.425	ug/l #	85
20) Methylene Chloride	4.53	84	364758	75.109	ug/l	99
25) 2-Butanone	6.83	43	1528	0.529	ug/l #	50
30) Chloroform	7.36	83	4692	0.527	ug/l	89
31) Cyclohexane	7.65	56	10612	1.242	ug/l #	12
36) 1,1-Dichloropropene	7.65	75	35926	5.361	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43231	7.147	ug/l #	15
43) Isopropyl Acetate	8.15	43	96101	8.995	ug/l	100
45) 1,2-Dichloropropane	9.26	63	2180	0.422	ug/l #	43
48) Methyl methacrylate	9.18	41	5537	1.138	ug/l #	13
49) 1,4-Dioxane	9.25	88	73	1.122	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7447	1.357	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	41525	5.545	ug/l #	66
56) Ethyl methacrylate	10.54	69	1722	0.257	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7577	0.962	ug/l #	43
59) 2-Hexanone	10.76	43	111159	27.818	ug/l #	55
60) Dibromochloromethane	10.90	129	31	Below Cal	#	1
68) m/p-Xylenes	11.63	106	5236	0.634	ug/l	96
69) o-Xylene	11.95	106	2442	0.307	ug/l	90
71) Bromoform	12.40	173	1573	1.244	ug/l #	1
74) N-amyl acetate	12.03	43	5422	0.758	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	157426	35.409	ug/l #	100
78) n-propylbenzene	12.60	91	5564	0.275	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	7581	0.503	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.41	75	157426	107.541	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	17067	1.131	ug/l	98
89) n-Butylbenzene	13.62	91	3409	0.256	ug/l	88
90) Hexachloroethane	13.90	117	791	0.358	ug/l #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058448.D
Acq On : 30 Sep 2019 19:58
Operator : JC/SP
Sample : K5079-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 01 01:36:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

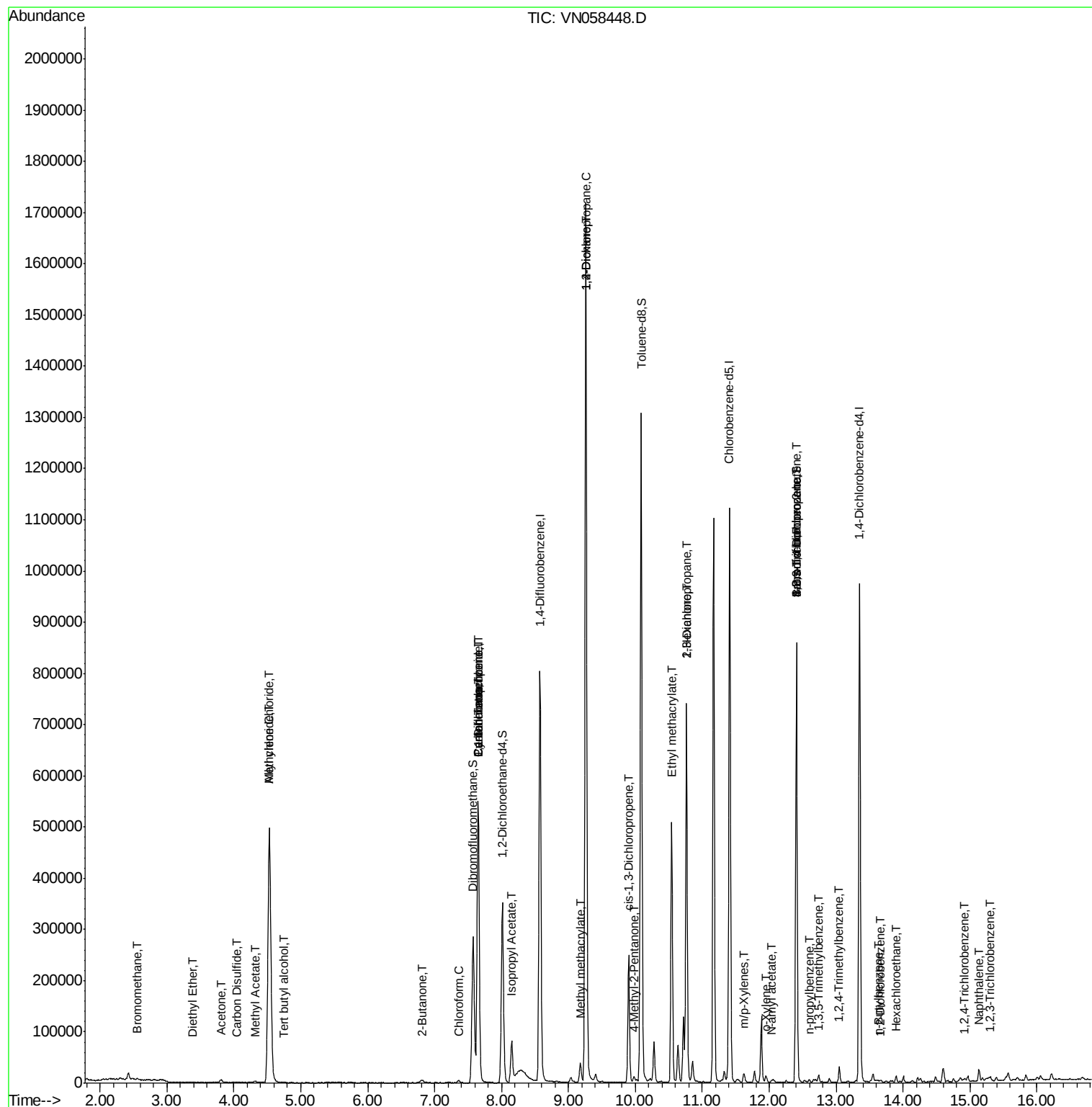
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.66	146	1568	0.213	ug/l	98
93) 1,2,4-Trichlorobenzene	14.92	180	1915	0.472	ug/l #	87
95) Naphthalene	15.13	128	19603	1.620	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	2642	0.624	ug/l #	80

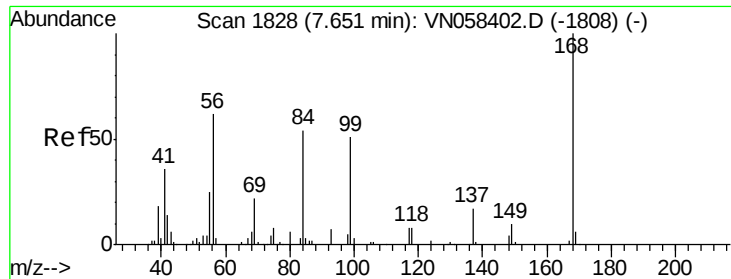
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058448.D
Acq On : 30 Sep 2019 19:58
Operator : JC/SP
Sample : K5079-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 01 01:36:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

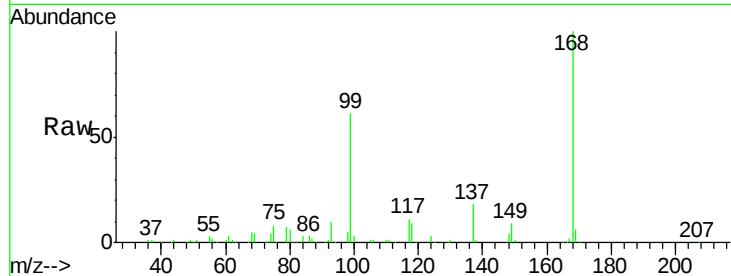




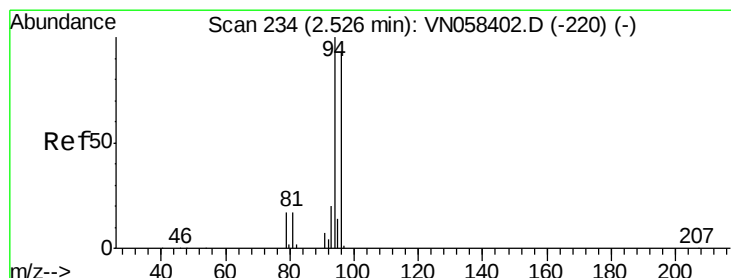
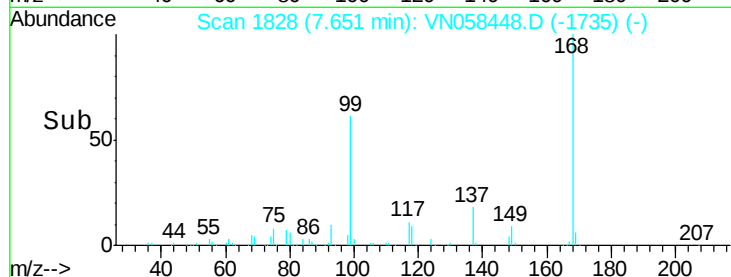
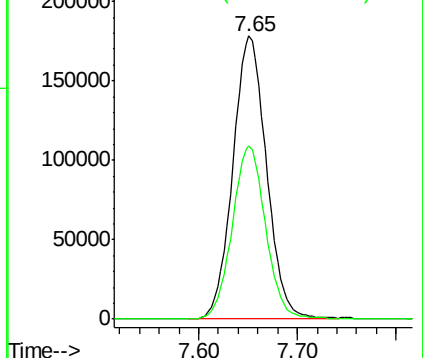
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 422435
Ion Ratio Lower Upper
168 100
99 61.4 47.7 71.5

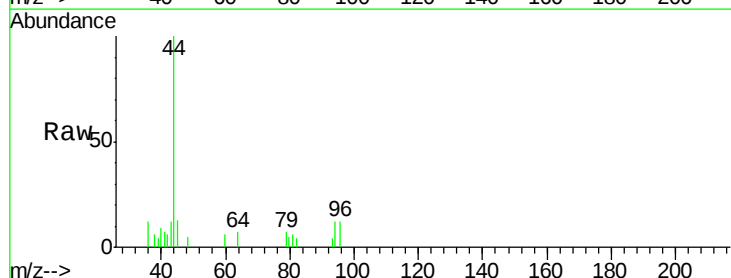


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

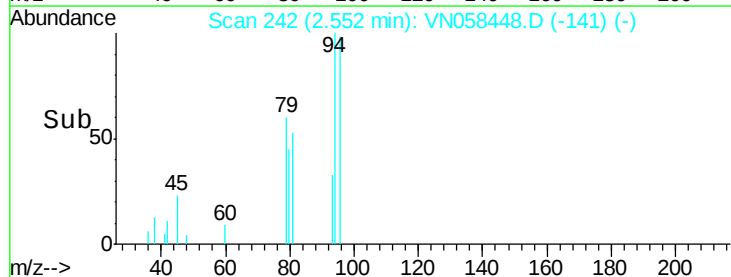
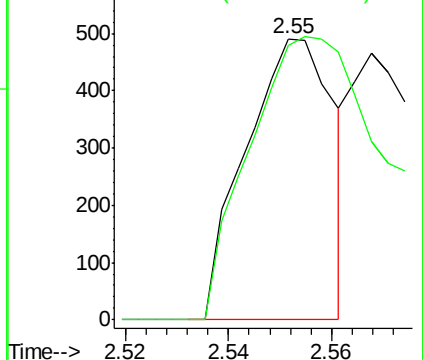


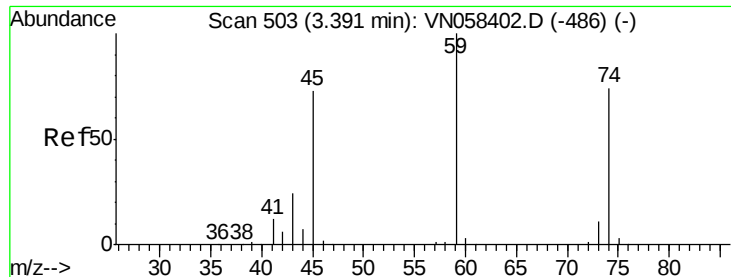
#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.55 min Scan# 242
Delta R.T. 0.03 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 97.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 0.230 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.01 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

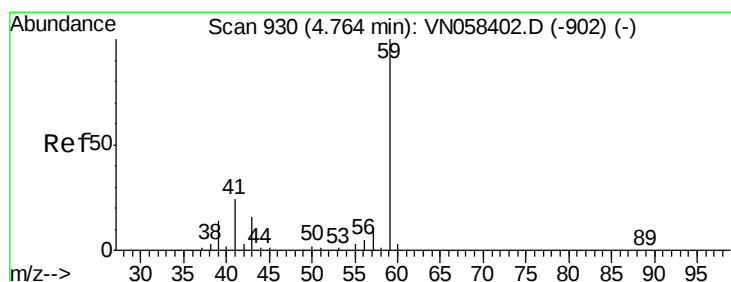
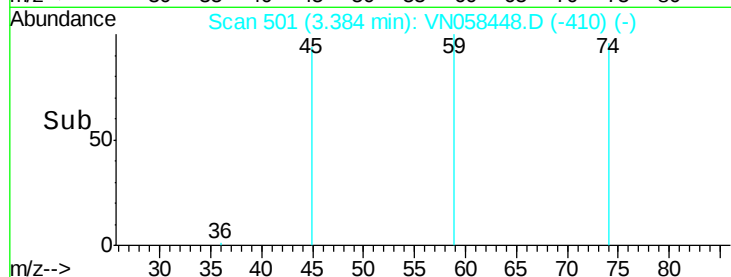
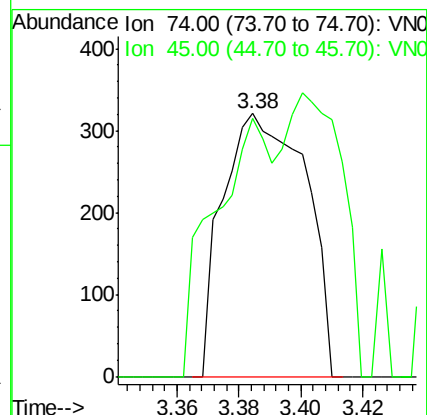
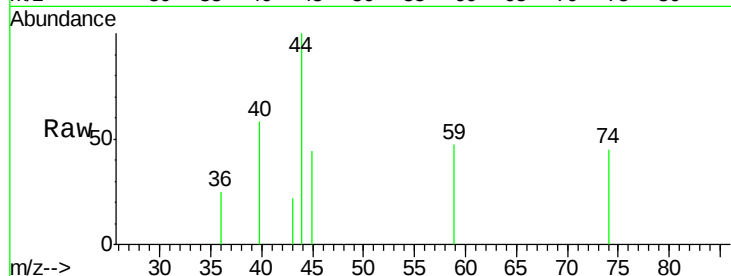
ClientSampleId :

Tot Ion: 74 Resp: 597

Ion Ratio Lower Upper

74 100

45 68.8 50.5 151.6



#11

Tert butyl alcohol

Concen: 0.252 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN058448.D

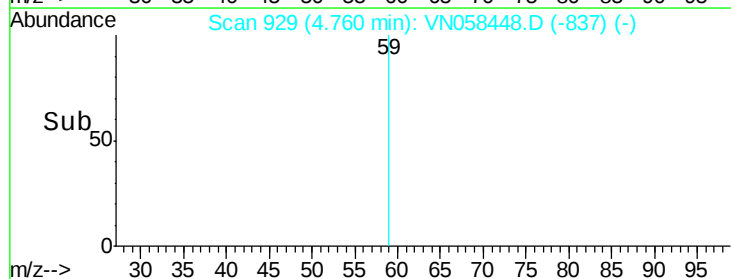
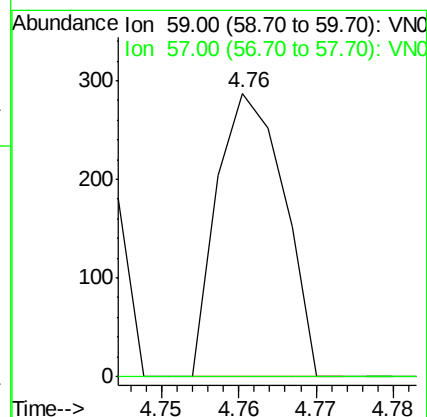
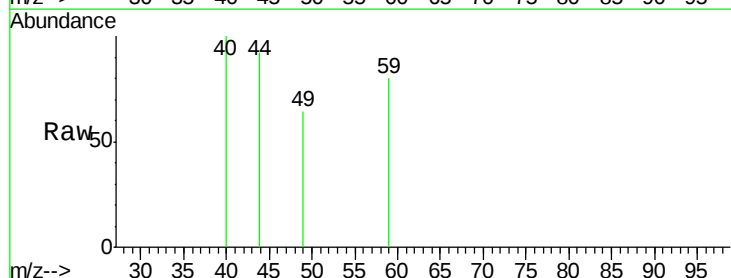
Acq: 30 Sep 2019 19:58

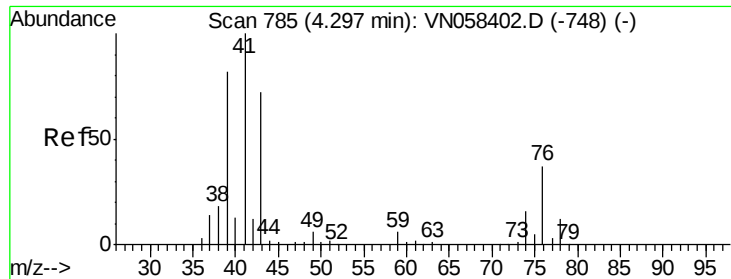
Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#

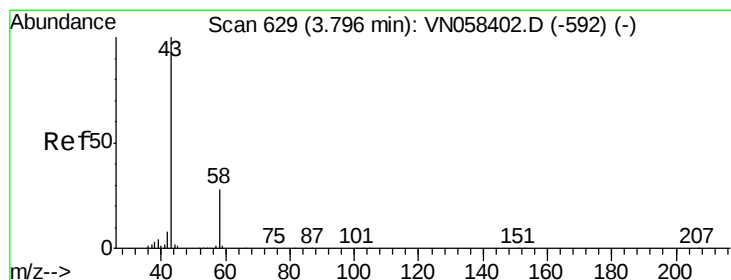
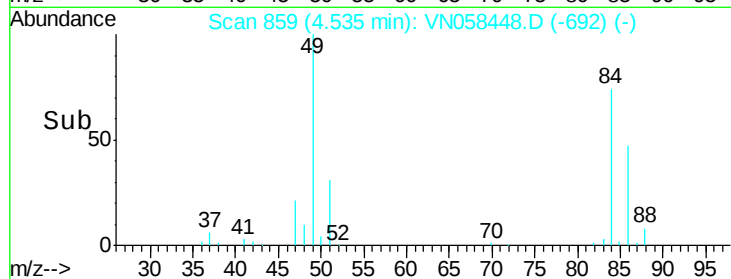
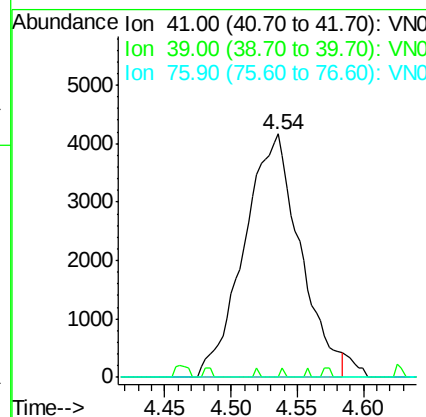
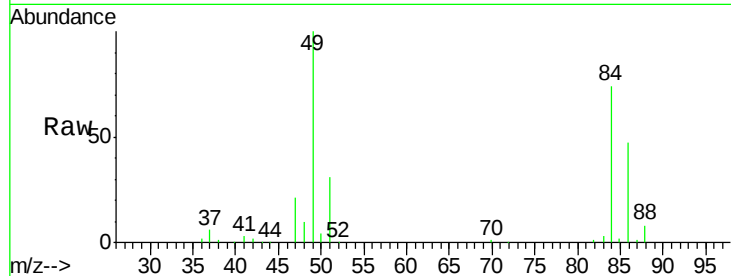




#14
Allvl chloride
Concen: 1.688 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.24 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

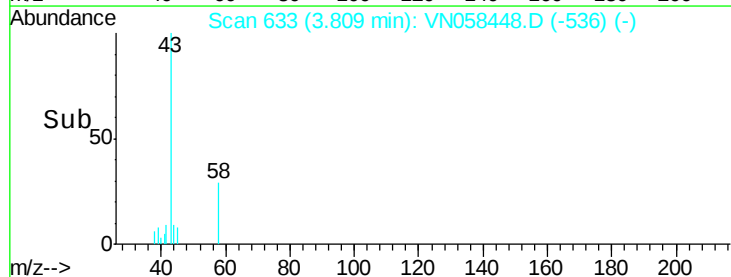
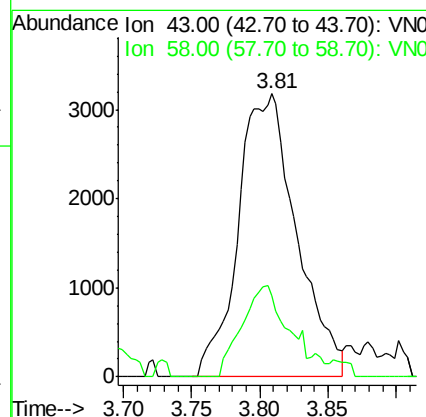
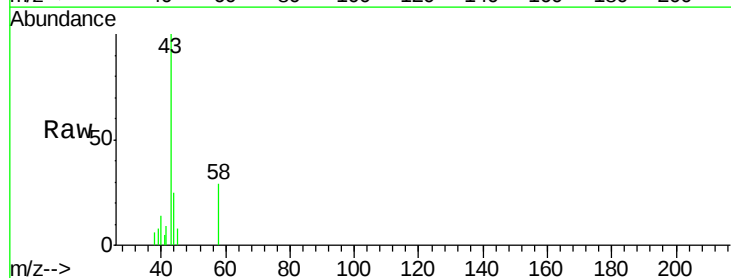
Instrument :
MSVOA_N
ClientSampled :

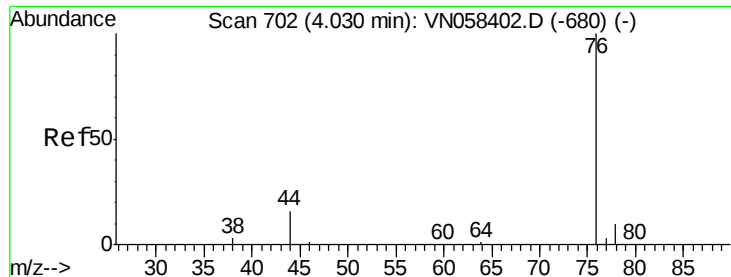
Tot Ion: 41 Resp: 12240
Ion Ratio Lower Upper
41 100
39 0.2 62.3 93.5#
76 0.0 26.9 40.3#



#16
Acetone
Concen: 4.480 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.01 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion: 43 Resp: 9428
Ion Ratio Lower Upper
43 100
58 28.8 22.4 33.6





#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

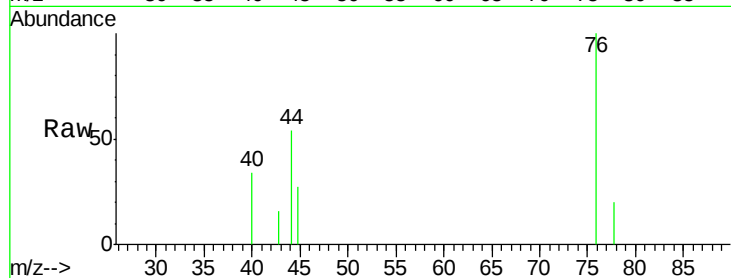
ClientSampled :

Tot Ion: 76 Resp: 2595

Ion Ratio Lower Upper

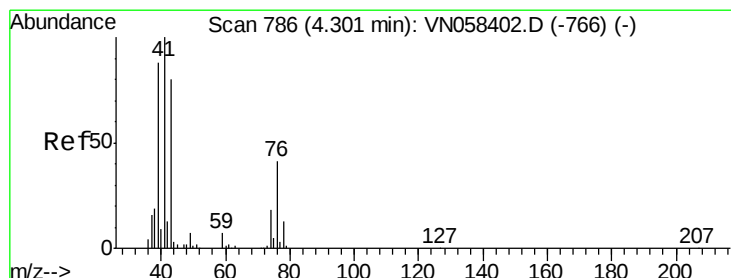
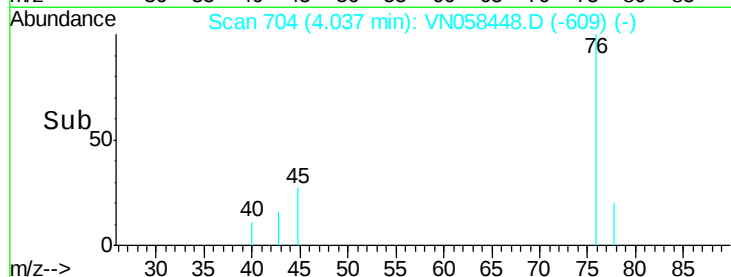
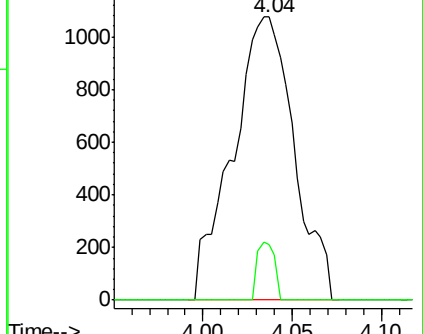
76 100

78 19.7 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.425 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN058448.D

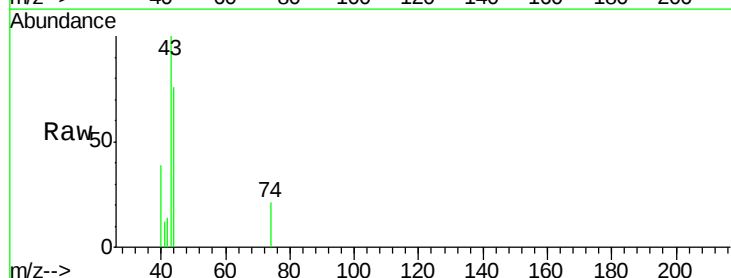
Acq: 30 Sep 2019 19:58

Tgt Ion: 43 Resp: 2251

Ion Ratio Lower Upper

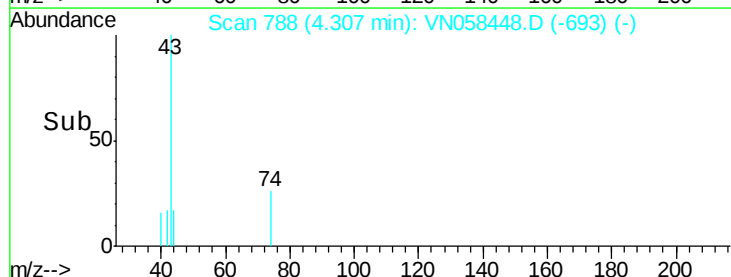
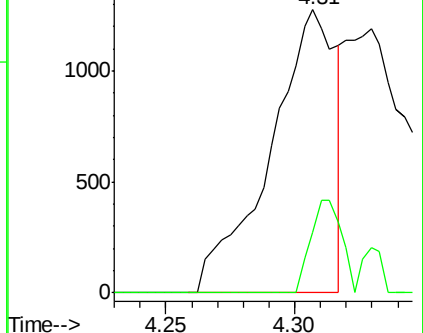
43 100

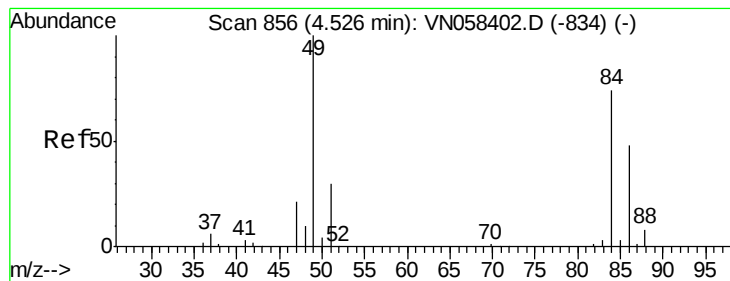
74 15.3 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 75.109 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 364758

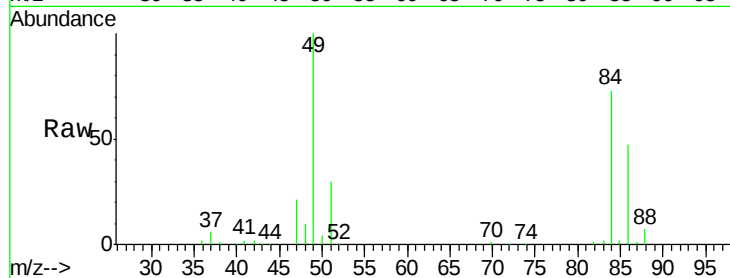
Ion Ratio Lower Upper

84 100

49 136.4 107.9 161.9

51 41.2 32.8 49.2

86 64.3 51.5 77.3

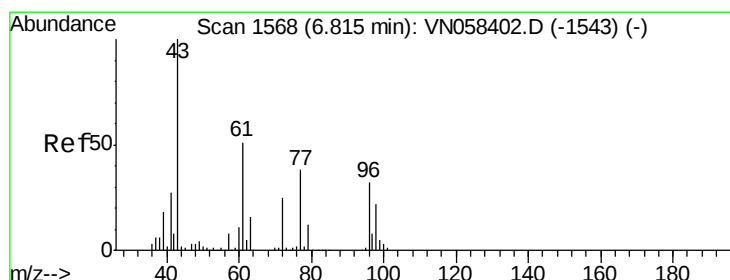
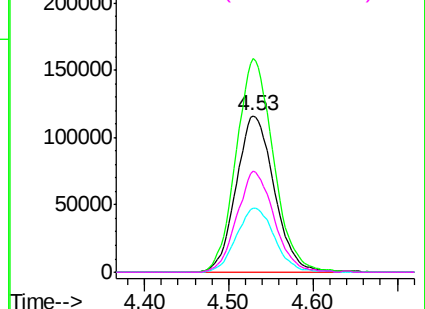
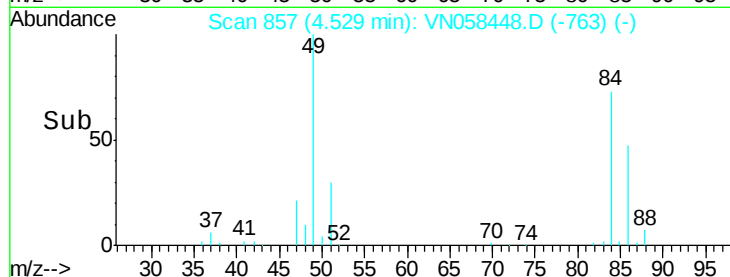


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#25

2-Butanone

Concen: 0.529 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN058448.D

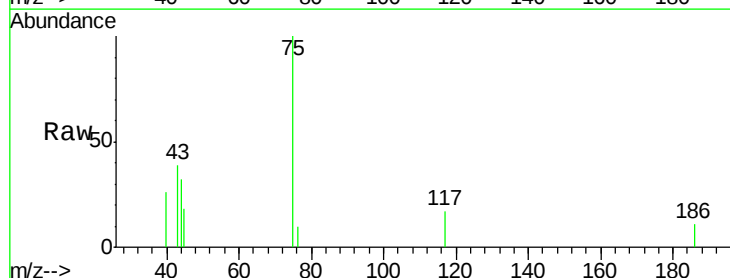
Acq: 30 Sep 2019 19:58

Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

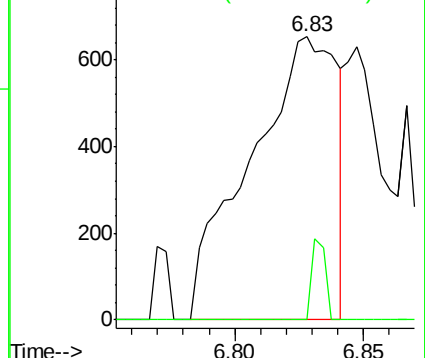
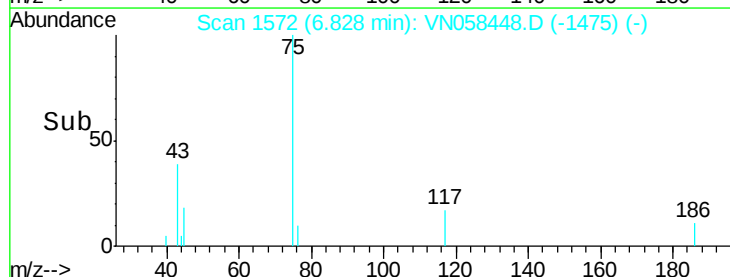
43 100

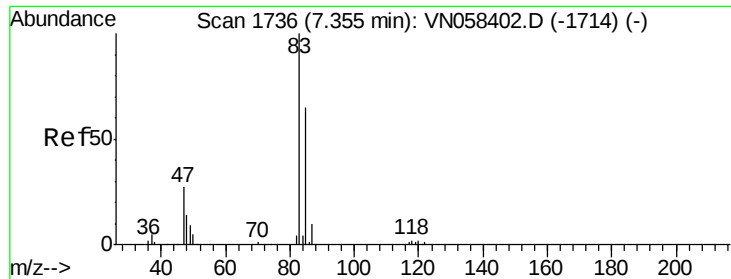
72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

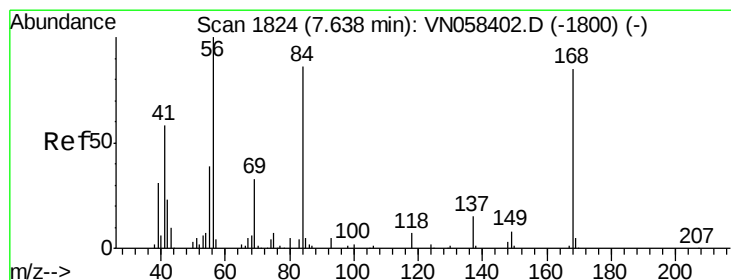
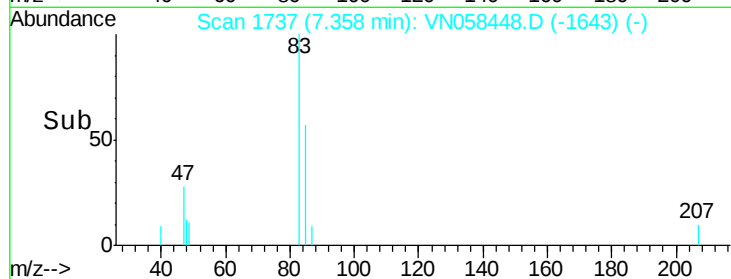
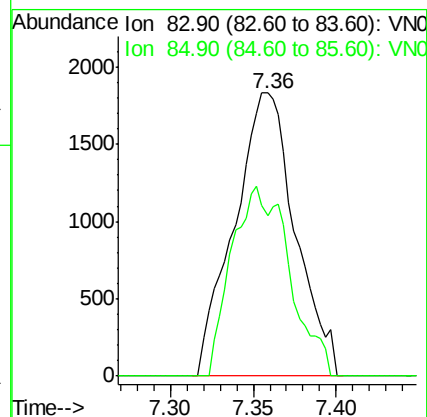
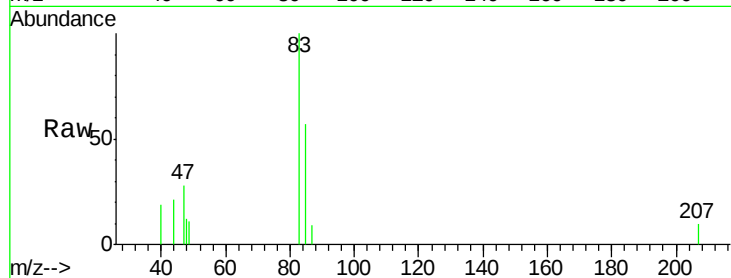




#30
Chloroform
Concen: 0.527 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

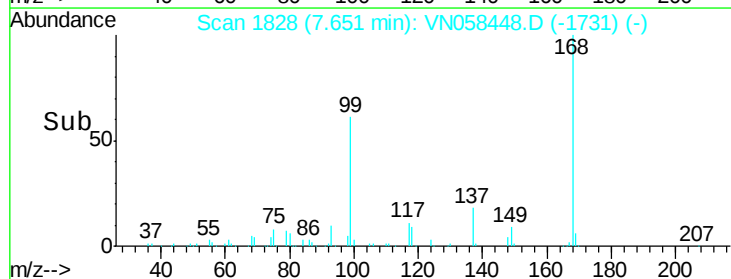
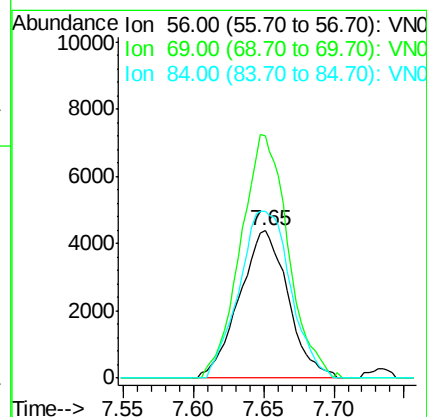
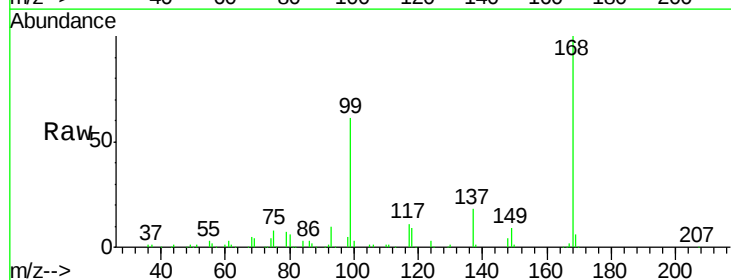
Instrument :
MSVOA_N
ClientSampleId :

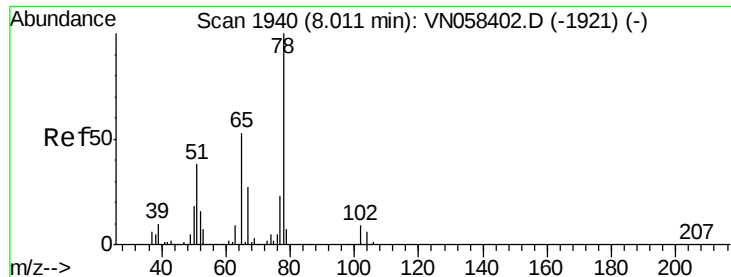
Tot Ion: 83 Resp: 4692
Ion Ratio Lower Upper
83 100
85 56.6 52.0 78.0



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion: 56 Resp: 10612
Ion Ratio Lower Upper
56 100
69 163.8 26.2 39.4#
84 113.0 67.6 101.4#

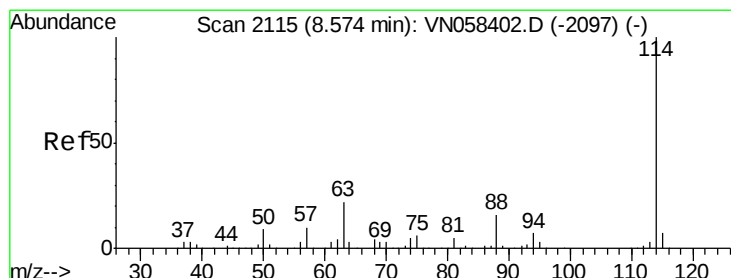
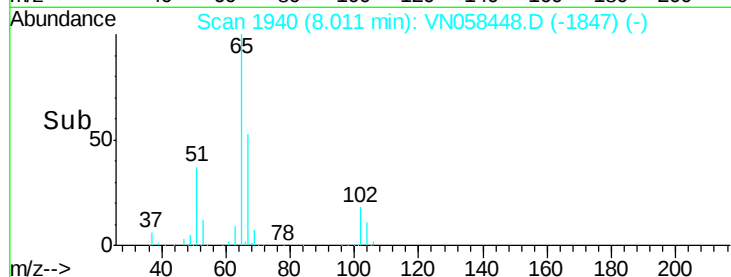
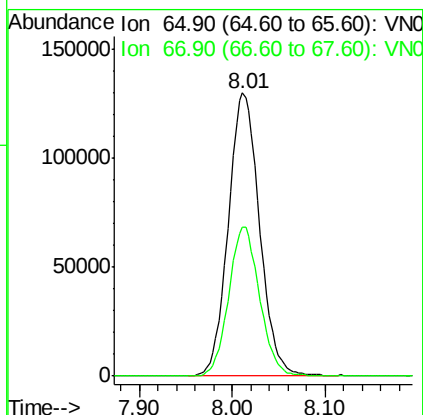
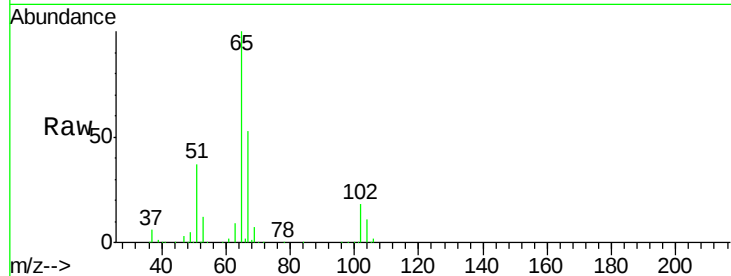




#33
 1,2-Dichloroethane-d4
 Concen: 49.251 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

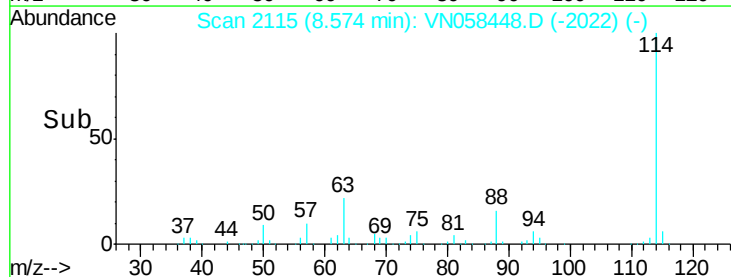
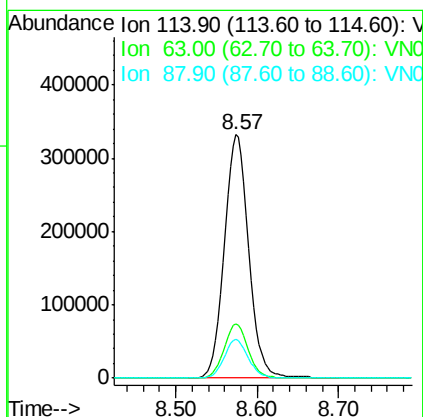
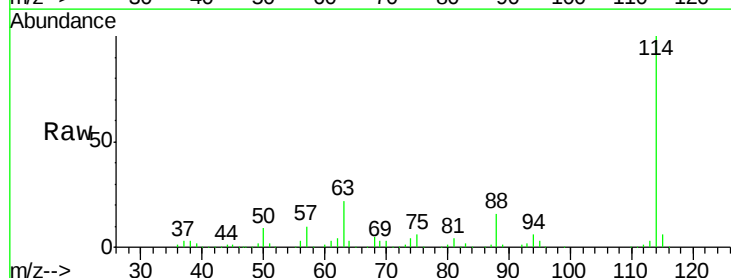
Instrument :
 MSVOA_N
 ClientSampled :

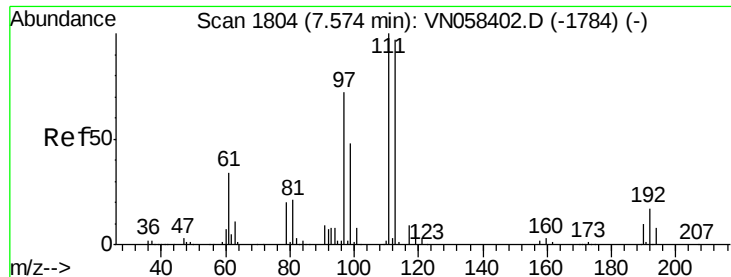
Tot Ion: 65 Resp: 304036
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

Tgt Ion: 114 Resp: 700801
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 15.9 0.0 32.2

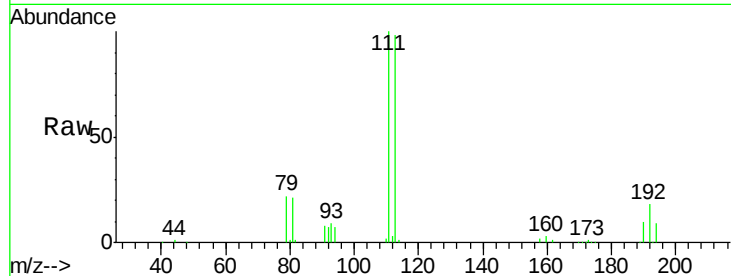




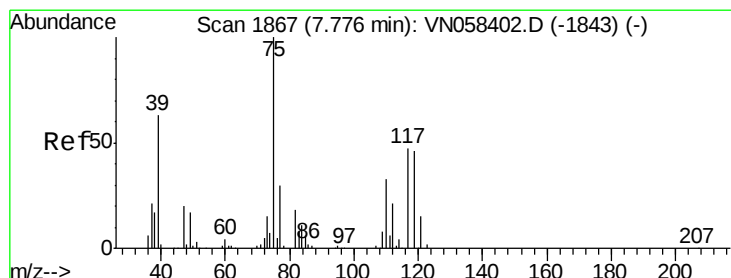
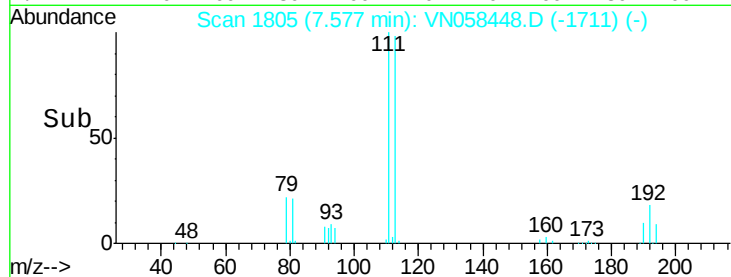
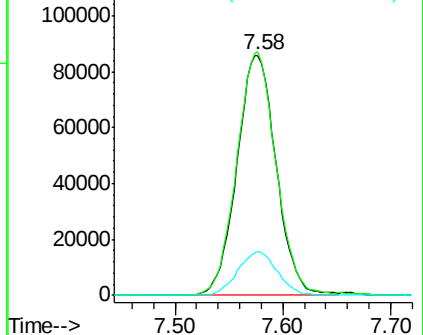
#35
 Dibromofluoromethane
 Concen: 50.581 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.4	125.2
192	18.2	14.9	22.3

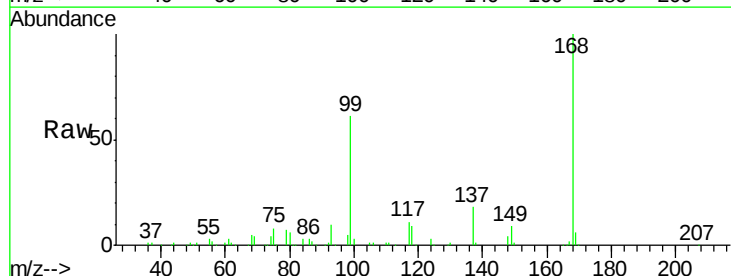


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

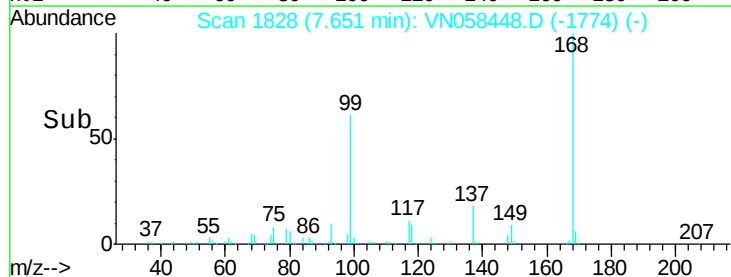
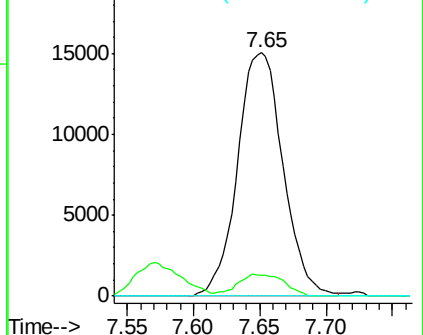


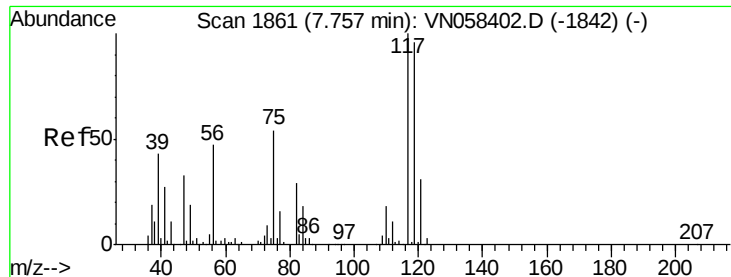
#36
 1,1-Dichloropropene
 Concen: 5.361 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.4	49.2#
77	0.0	24.3	36.5#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

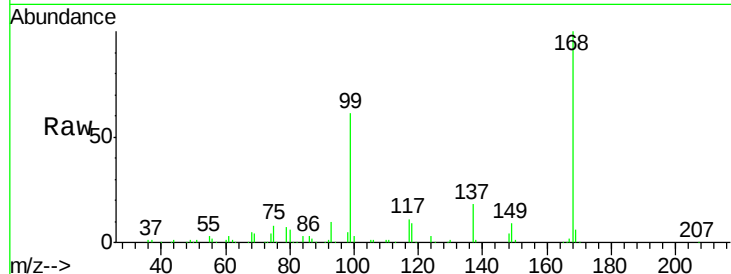




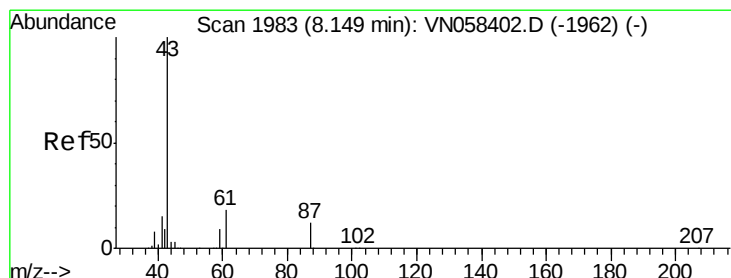
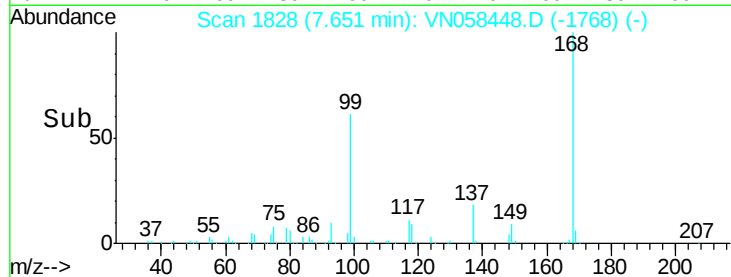
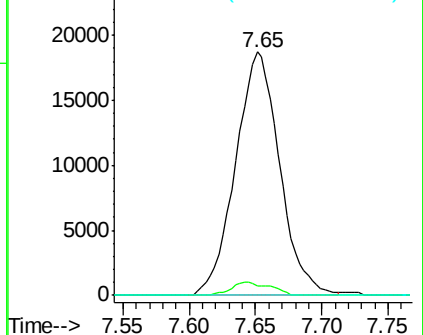
#38
Carbon Tetrachloride
Concen: 7.147 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 43231
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 24.7 37.1#

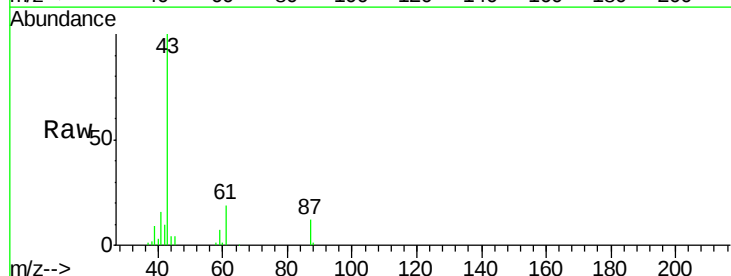


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

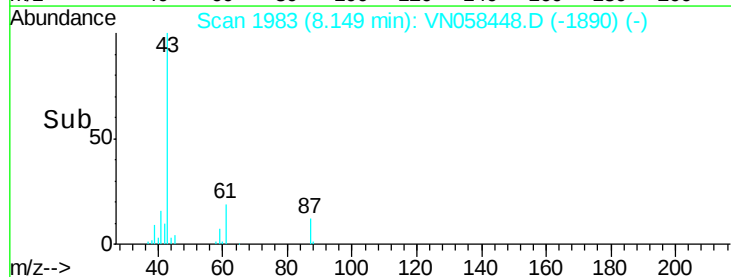
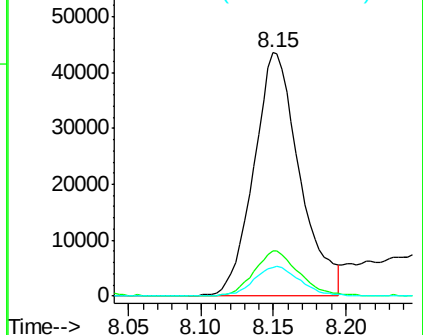


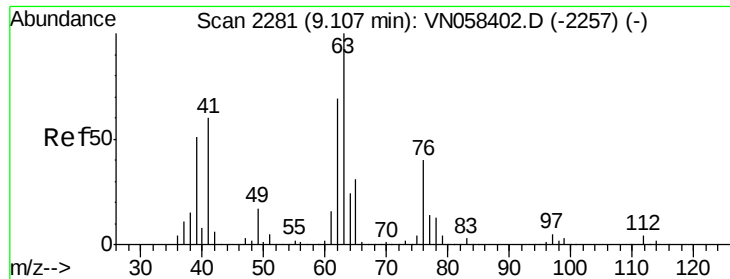
#43
Isopropyl Acetate
Concen: 8.995 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion: 43 Resp: 96101
Ion Ratio Lower Upper
43 100
61 18.2 14.8 22.2
87 12.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.422 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

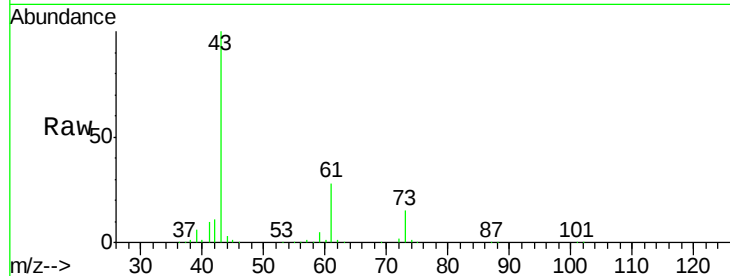
ClientSampled :

Tot Ion: 63 Resp: 2180

Ion Ratio Lower Upper

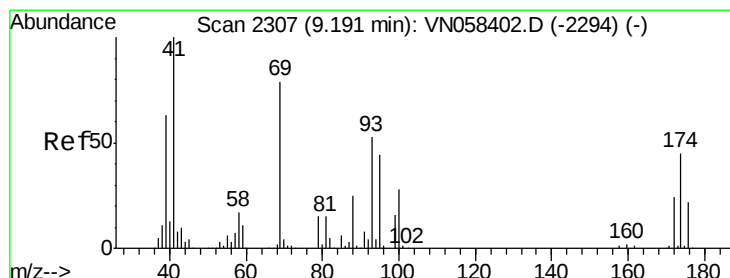
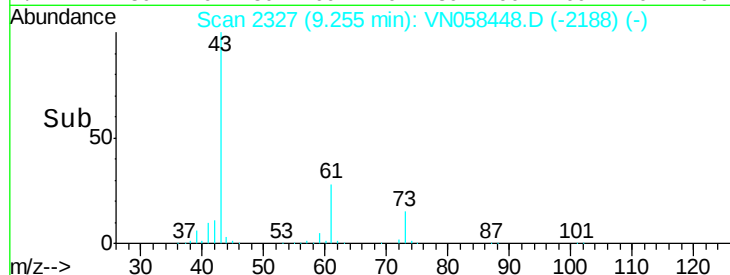
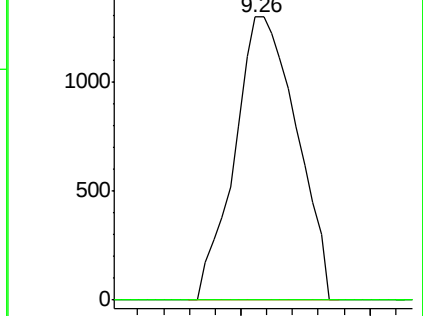
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.138 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

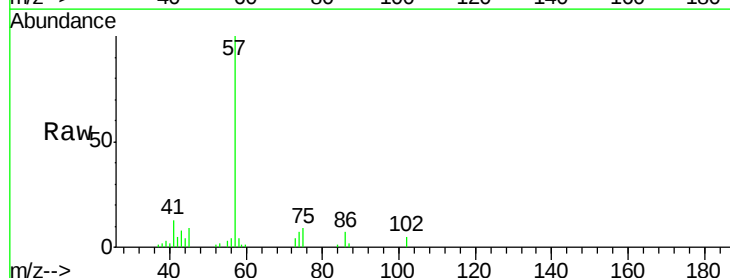
Tgt Ion: 41 Resp: 5537

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

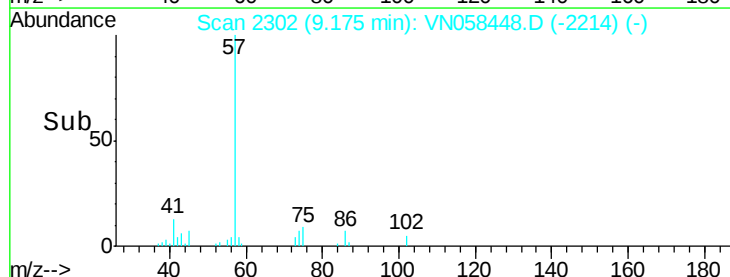
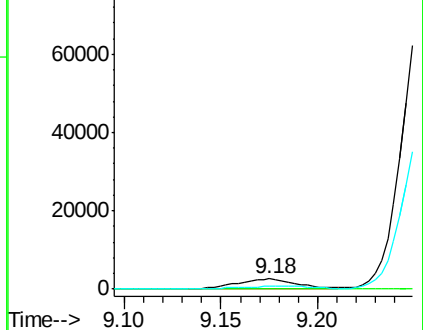
39 0.0 52.9 79.3#

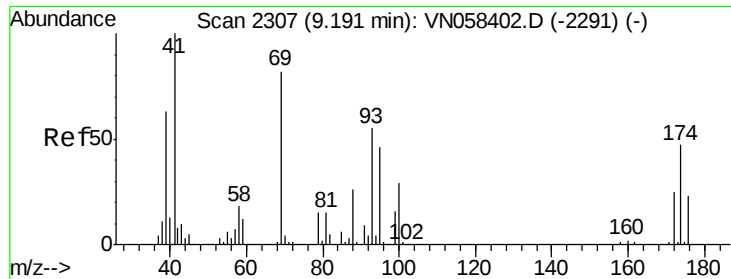


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1.122 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

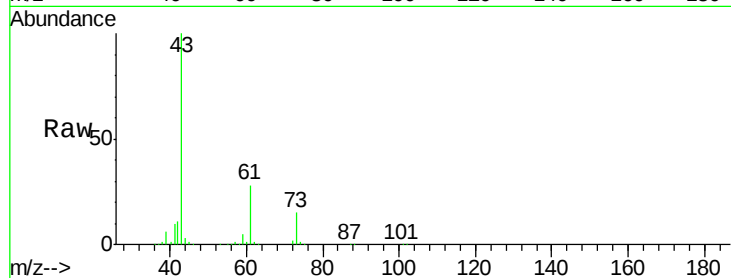
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 2328065.8 31.1 46.7#

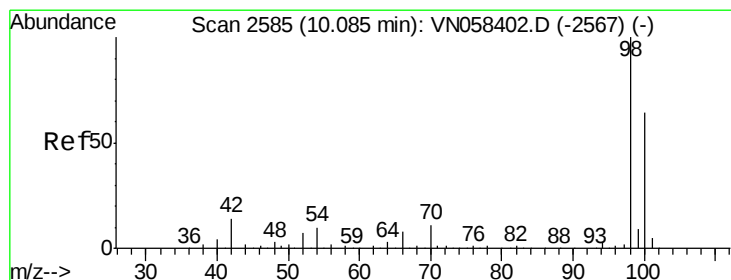
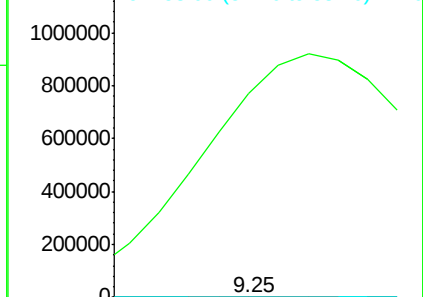
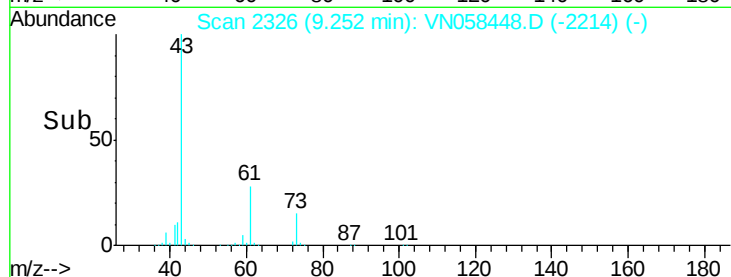
58 10132.9 58.1 87.1#



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: 52.456 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058448.D

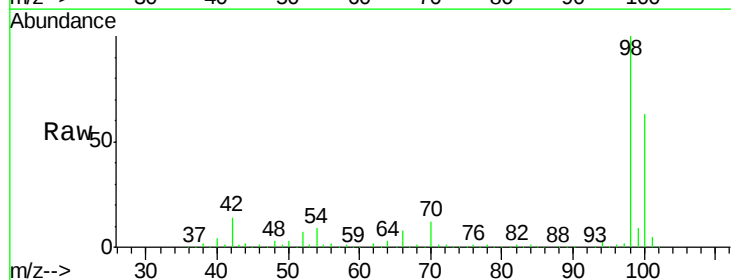
Acq: 30 Sep 2019 19:58

Tgt Ion: 98 Resp: 882614

Ion Ratio Lower Upper

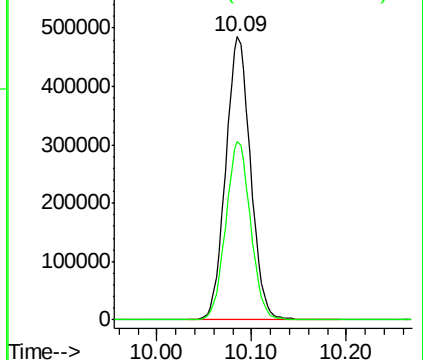
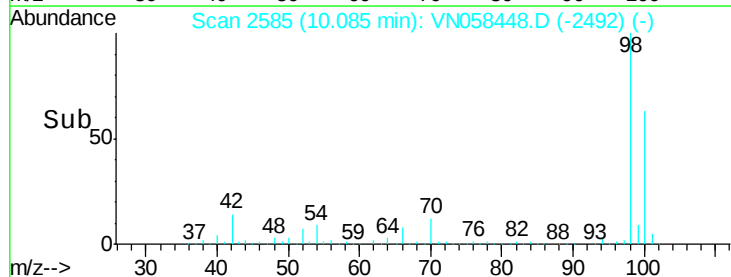
98 100

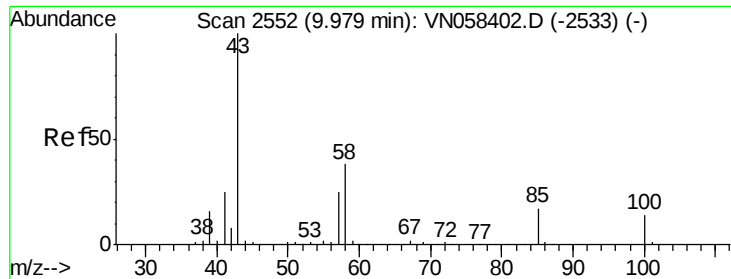
100 63.1 51.0 76.6



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: 1.357 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

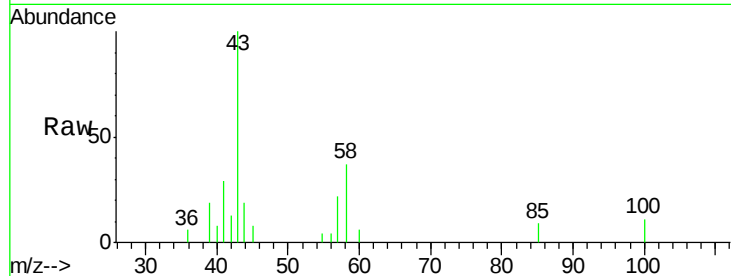
ClientSampleId :

Tot Ion: 43 Resp: 7447

Ion Ratio Lower Upper

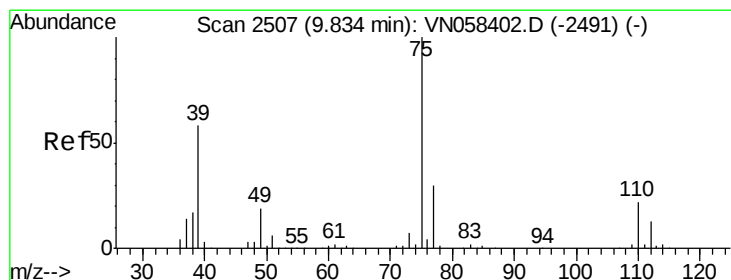
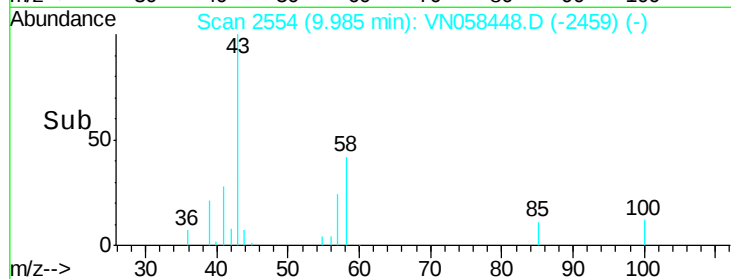
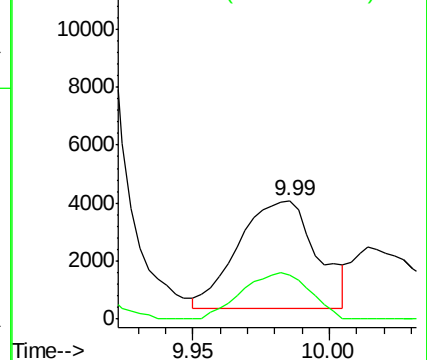
43 100

58 37.2 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.545 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

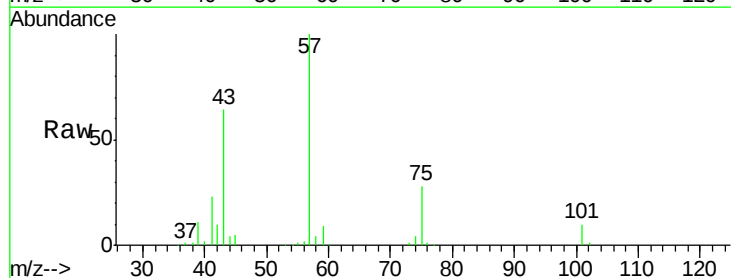
Tgt Ion: 75 Resp: 41525

Ion Ratio Lower Upper

75 100

77 0.7 24.2 36.4#

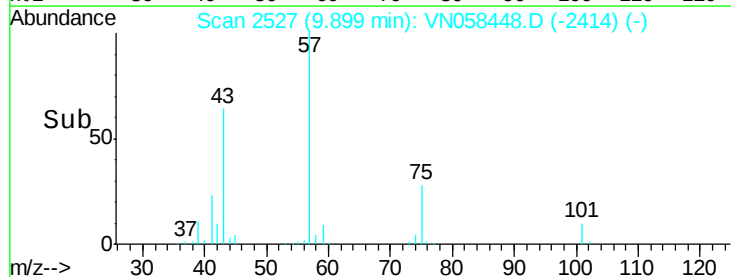
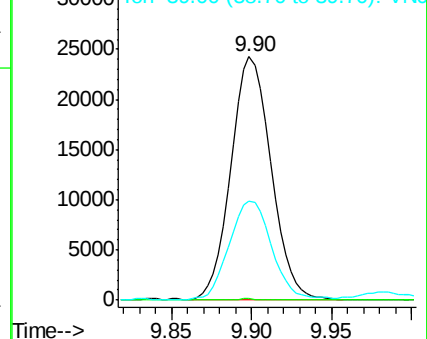
39 40.2 46.4 69.6#

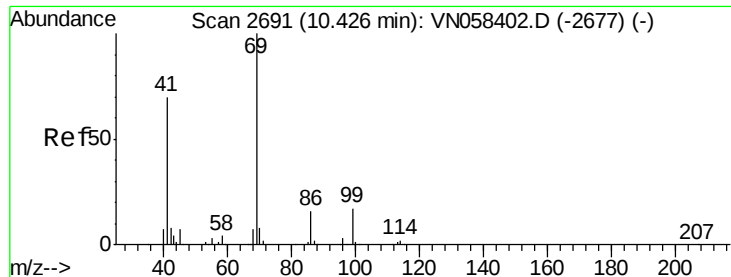


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.257 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

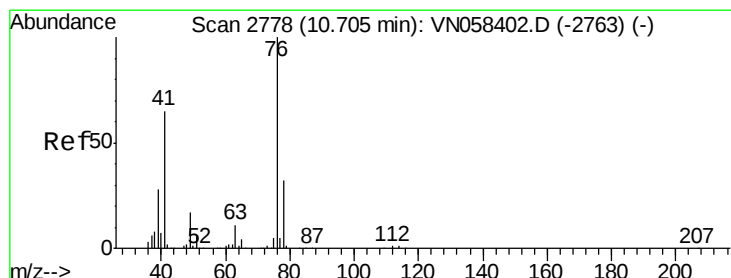
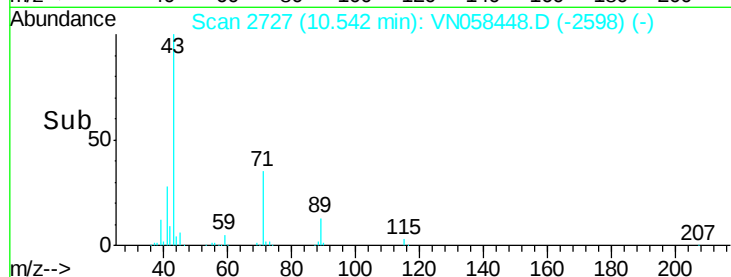
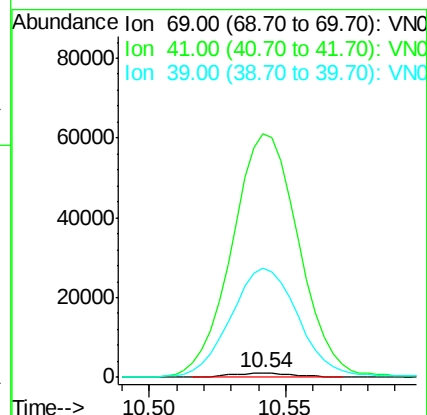
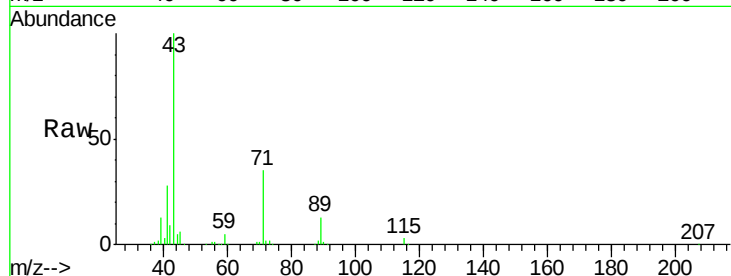
Tot Ion: 69 Resp: 1722

Ion Ratio Lower Upper

69 100

41 6074.6 56.3 84.5#

39 2758.6 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.962 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN058448.D

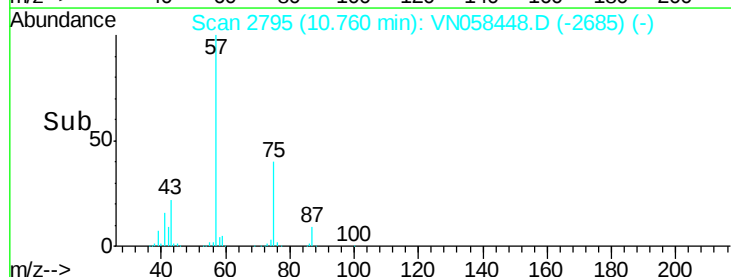
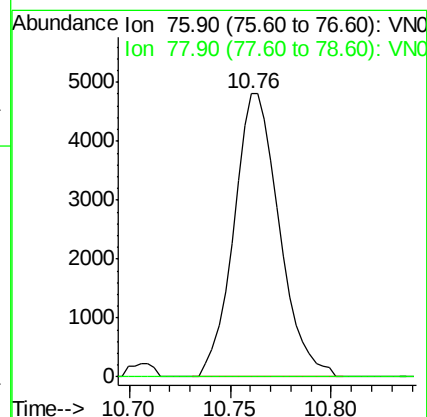
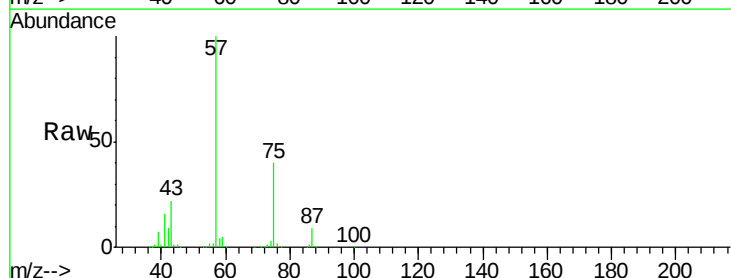
Acq: 30 Sep 2019 19:58

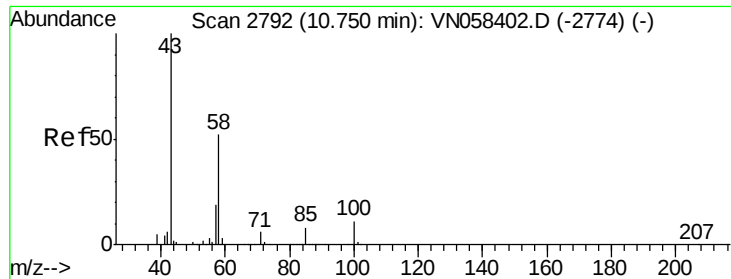
Tgt Ion: 76 Resp: 7577

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

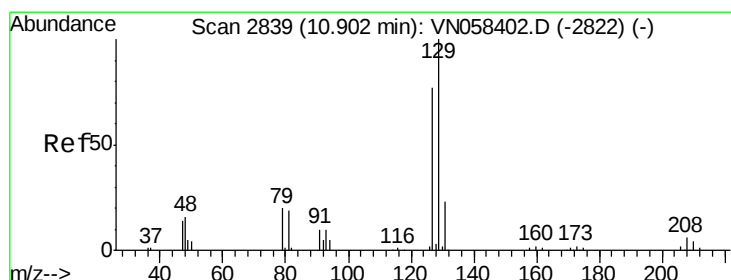
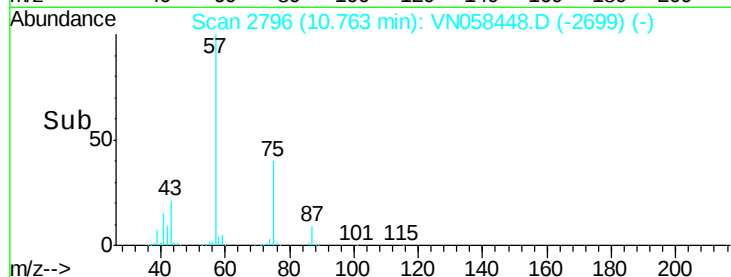
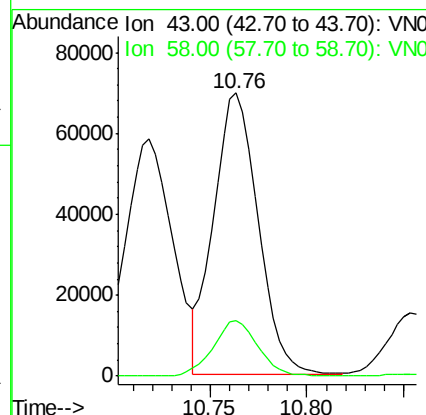
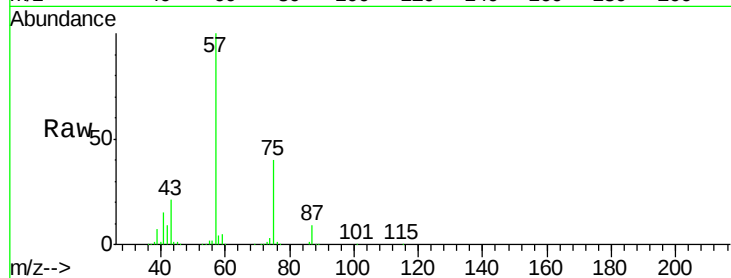




#59
2-Hexanone
Concen: 27.818 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

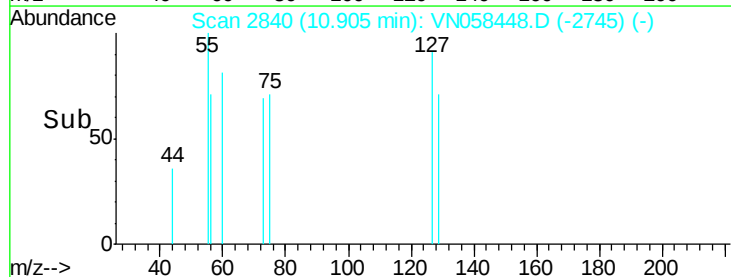
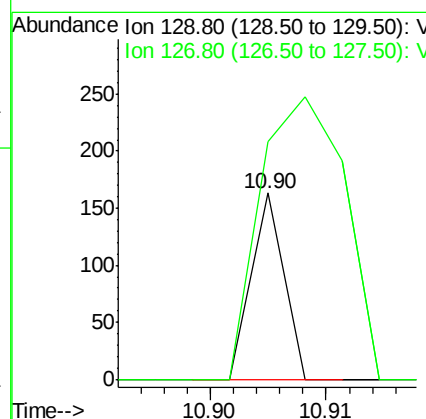
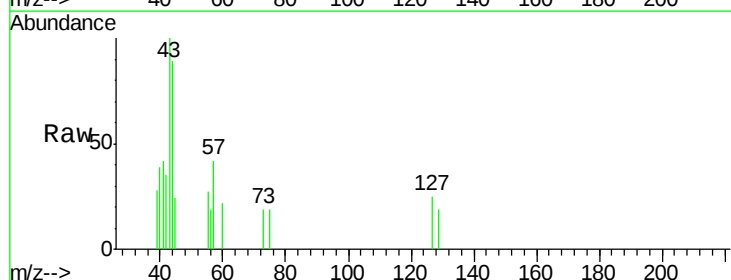
Instrument :
MSVOA_N
ClientSampled :

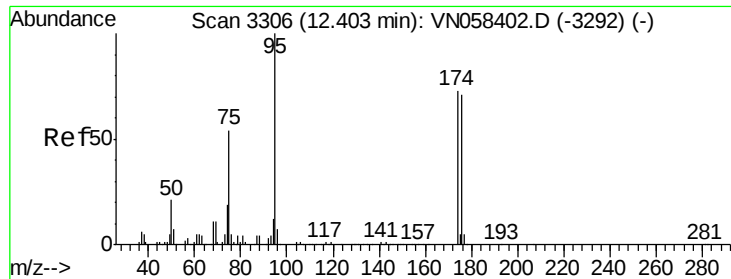
Tot Ion: 43 Resp: 111159
Ion Ratio Lower Upper
43 100
58 19.9 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion: 129 Resp: 31
Ion Ratio Lower Upper
129 100
127 403.2 38.3 114.8#

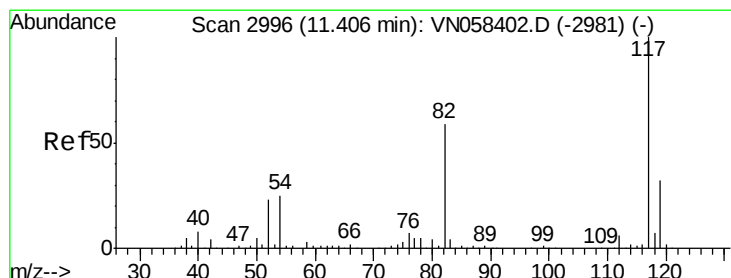
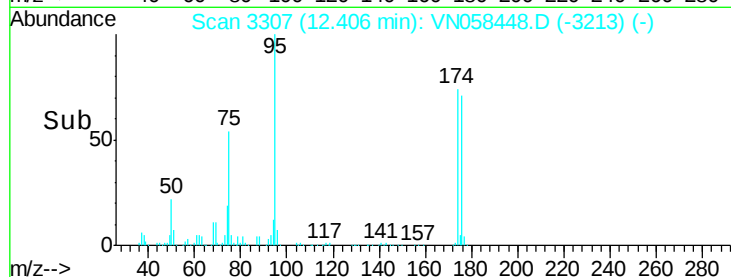
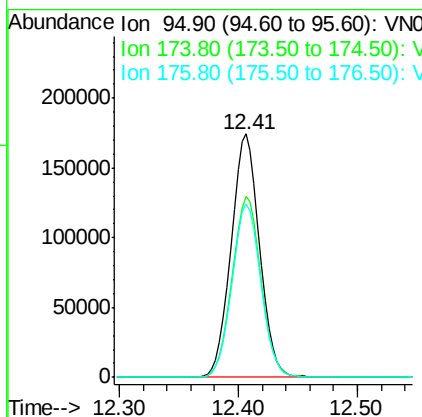
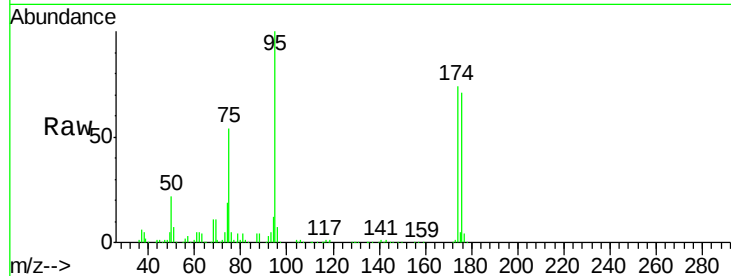




#62
4-Bromofluorobenzene
Concen: 47.277 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

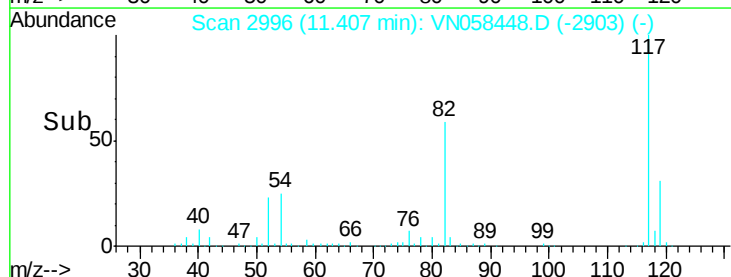
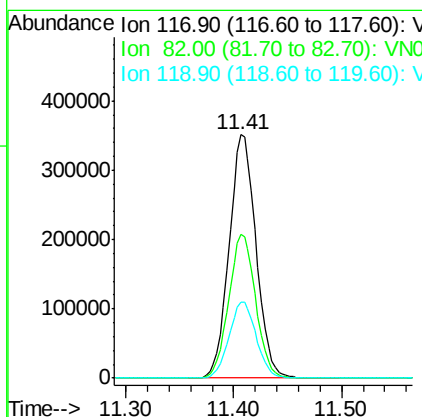
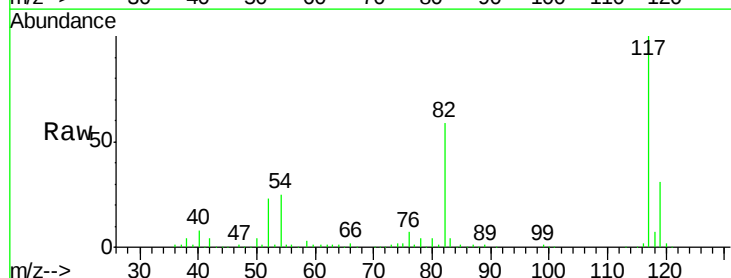
Instrument :
MSVOA_N
ClientSampleId :

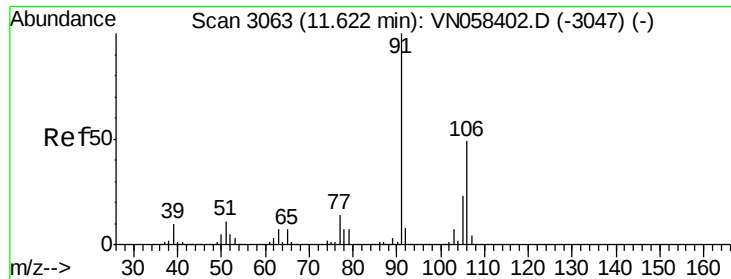
Tot Ion	95	Resp	287632
Ion Ratio	100		
174	75.6	0.0	150.6
176	72.8	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion	117	Resp	609814
Ion Ratio	100		
82	58.9	47.4	71.0
119	31.2	25.5	38.3

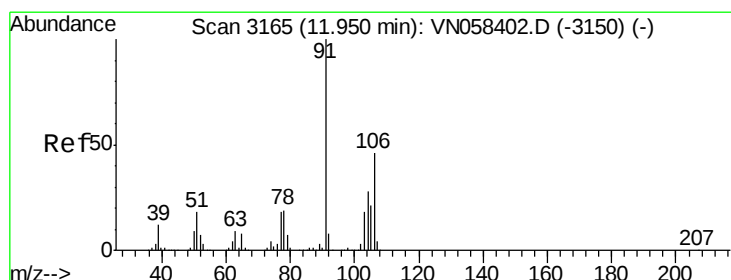
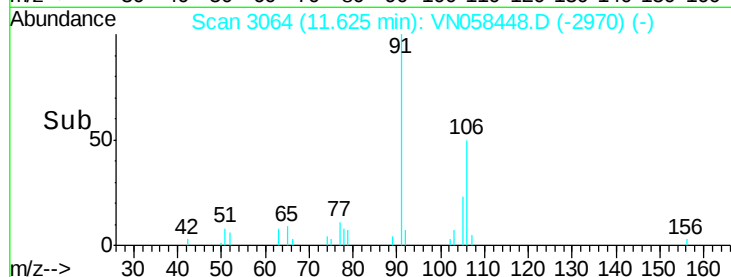
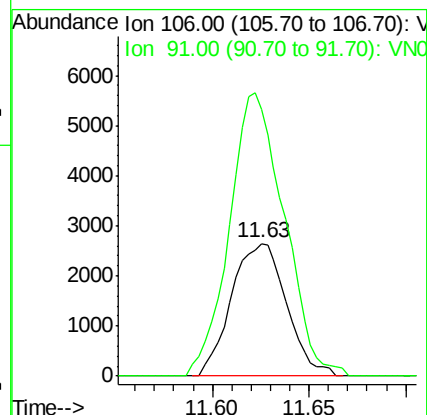
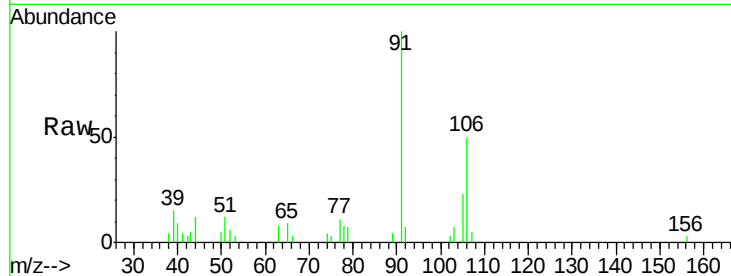




#68
m/p-Xylenes
Concen: 0.634 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

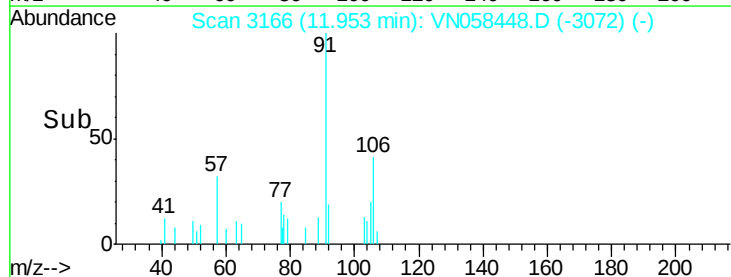
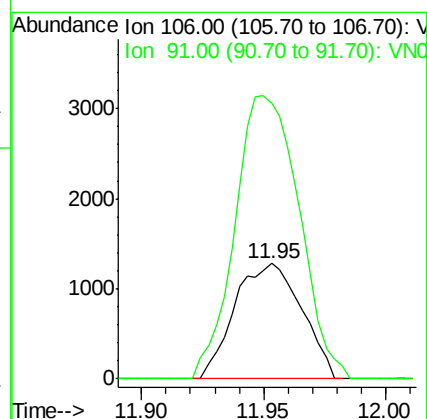
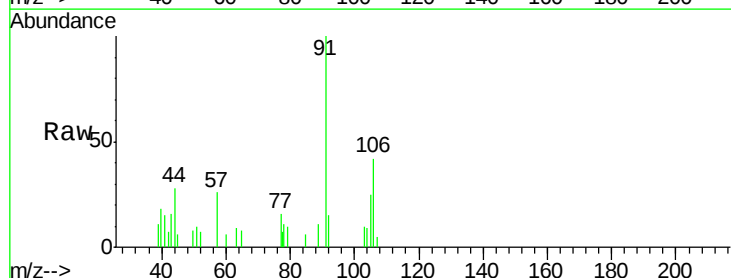
Instrument :
MSVOA_N
ClientSampled :

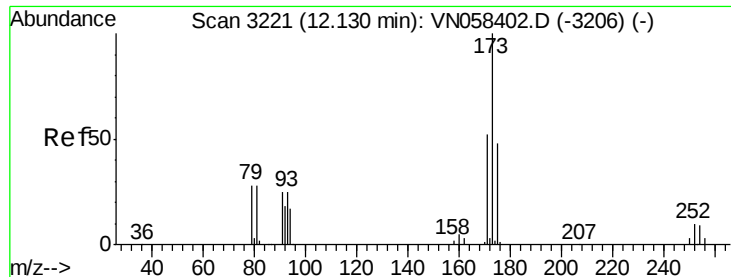
Tot Ion:106 Resp: 5236
Ion Ratio Lower Upper
106 100
91 212.2 165.0 247.4



#69
o-Xylene
Concen: 0.307 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058448.D
Acq: 30 Sep 2019 19:58

Tgt Ion:106 Resp: 2442
Ion Ratio Lower Upper
106 100
91 235.1 109.1 327.4





#71

Bromoform

Concen: 1.244 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

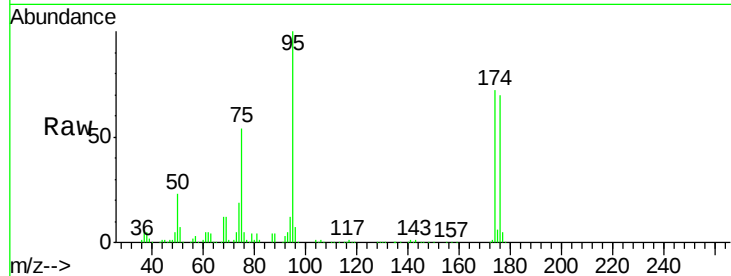
Tot Ion:173 Resp: 1573

Ion Ratio Lower Upper

173 100

175 848.6 24.3 73.0#

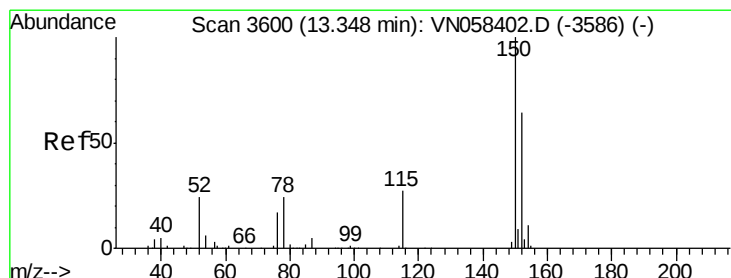
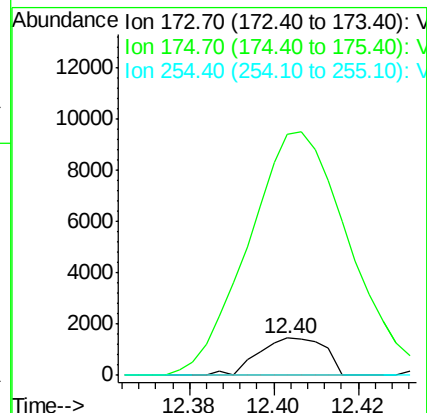
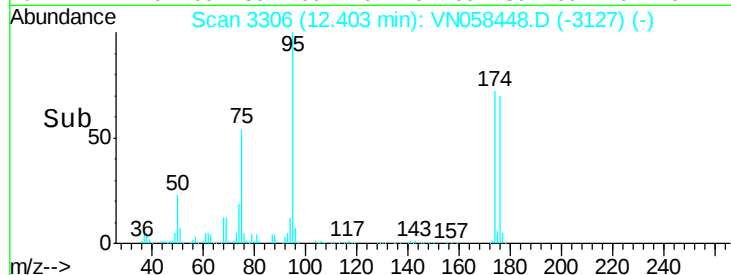
254 0.0 0.1 0.1#



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: VN058448.D

Acq: 30 Sep 2019 19:58

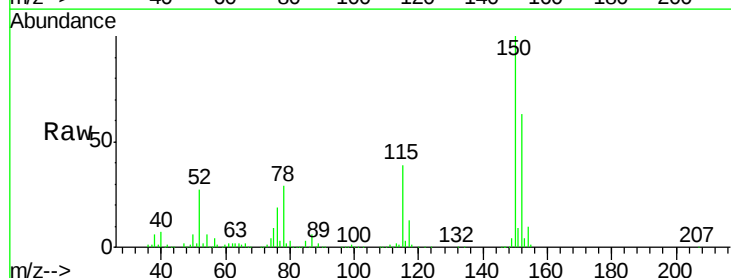
Tgt Ion:152 Resp: 243412

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

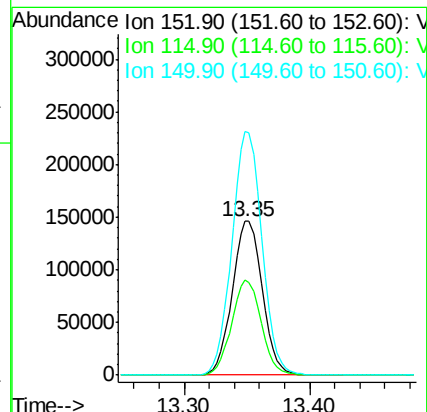
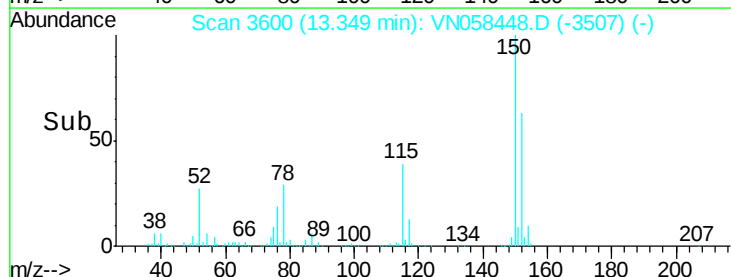
150 158.0 0.0 348.2

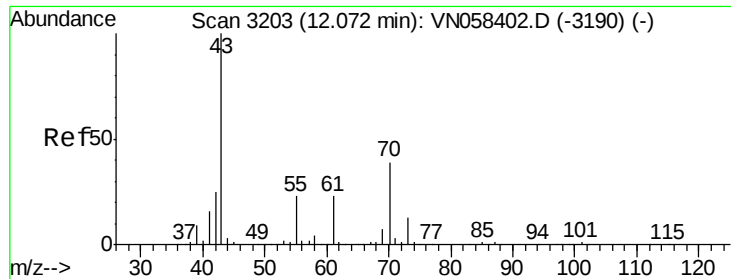


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.758 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 5422

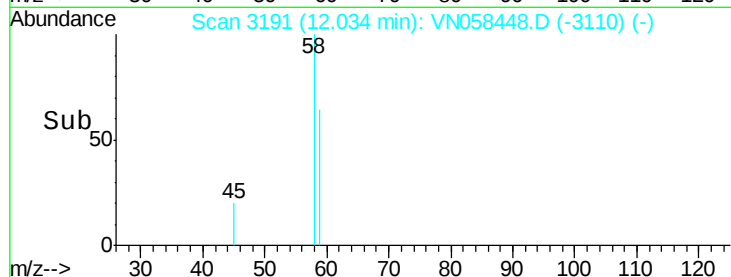
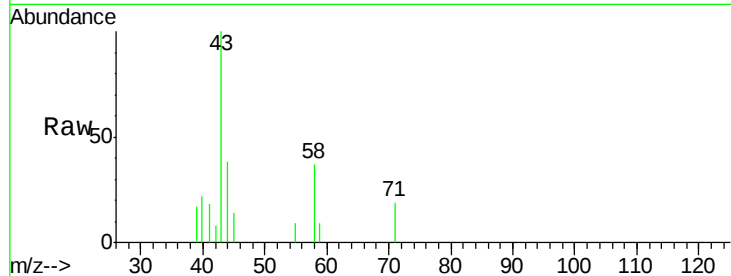
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 3.3 18.2 27.4#

61 0.0 18.3 27.5#

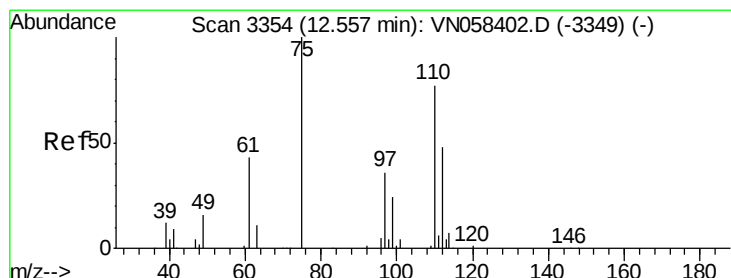
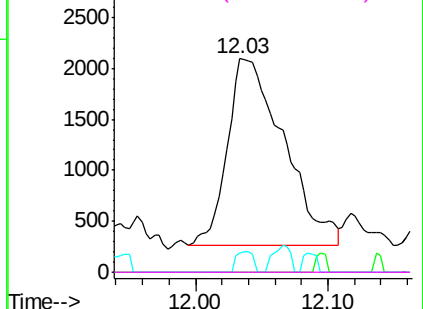


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 35.409 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058448.D

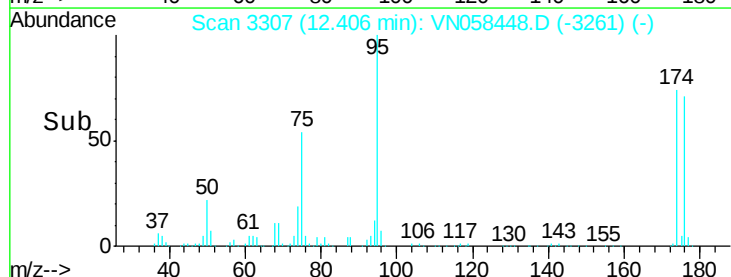
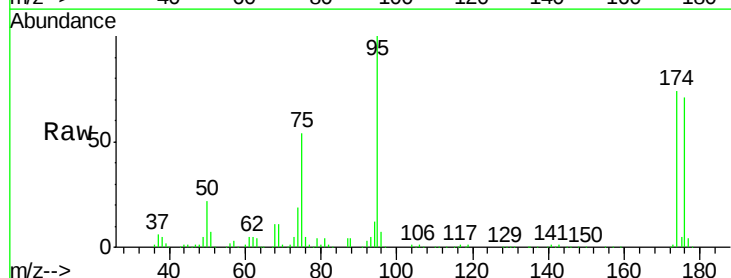
Acq: 30 Sep 2019 19:58

Tgt Ion: 75 Resp: 157426

Ion Ratio Lower Upper

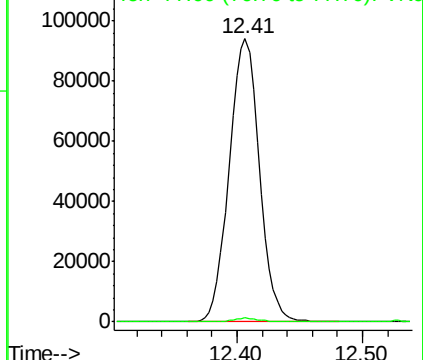
75 100

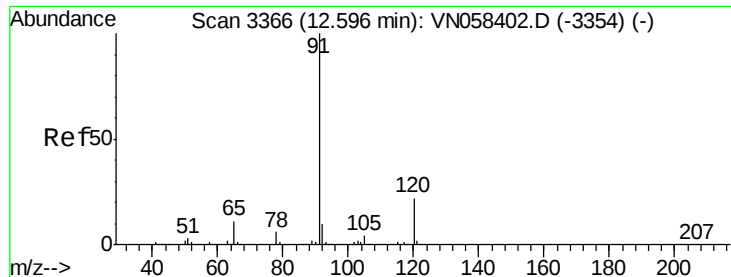
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.275 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

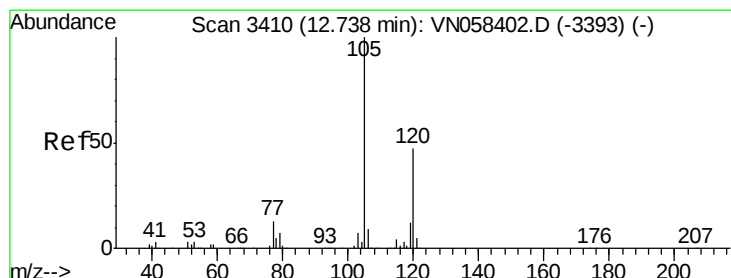
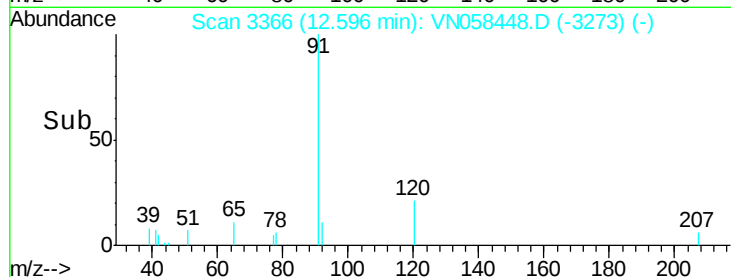
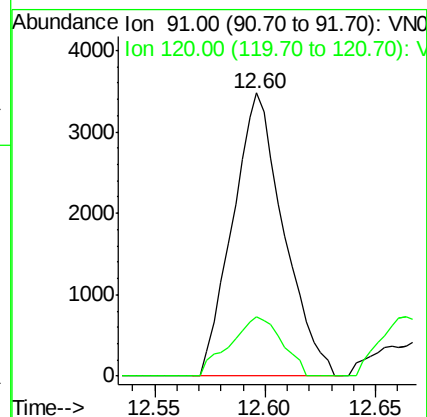
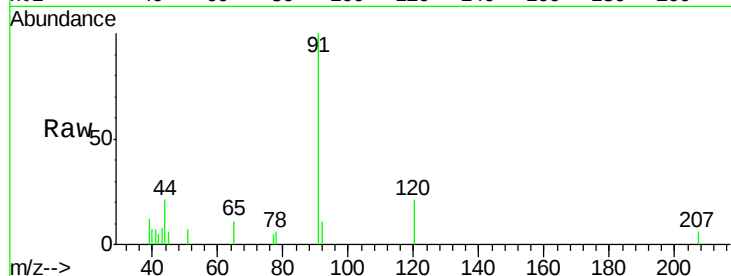
ClientSampleId :

Tot Ion: 91 Resp: 5564

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 0.503 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058448.D

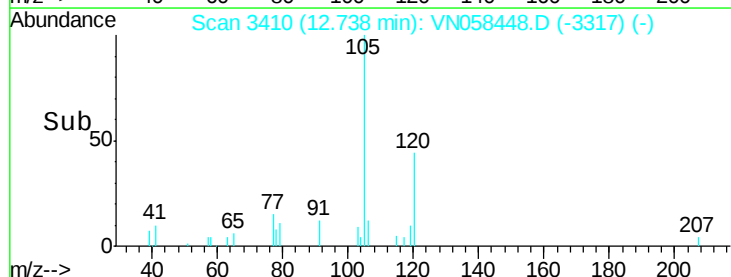
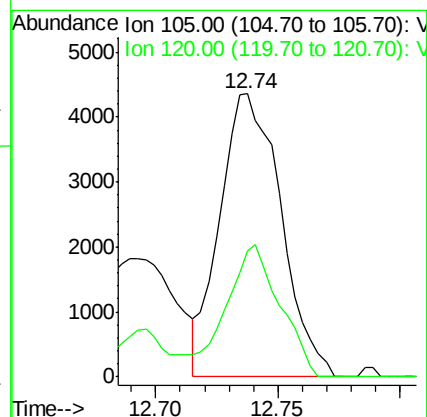
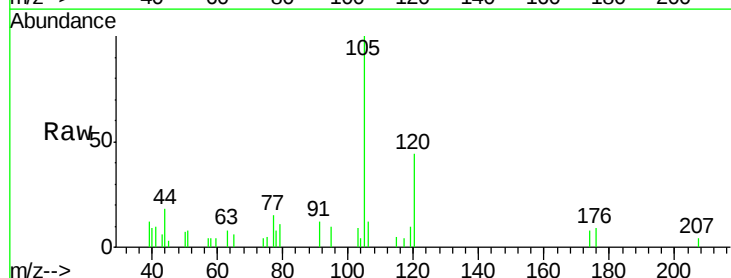
Acq: 30 Sep 2019 19:58

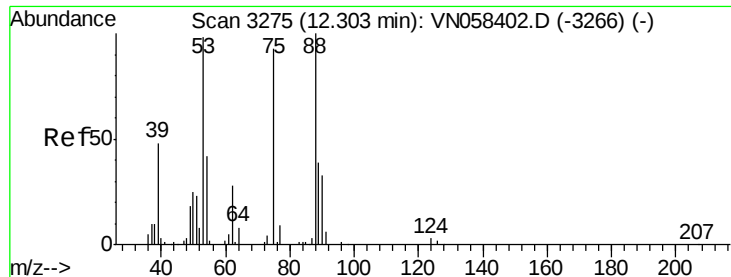
Tgt Ion: 105 Resp: 7581

Ion Ratio Lower Upper

105 100

120 40.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 107.541 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

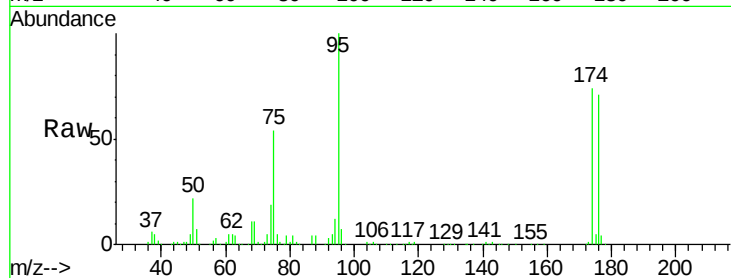
Tot Ion: 75 Resp: 157426

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

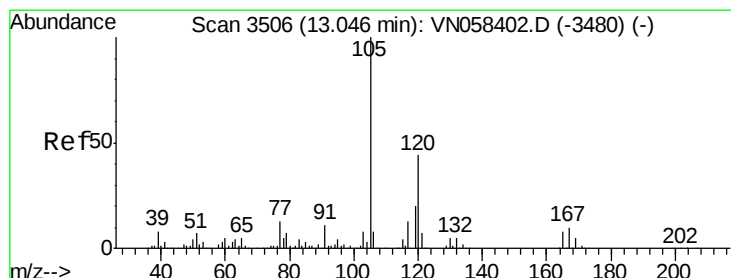
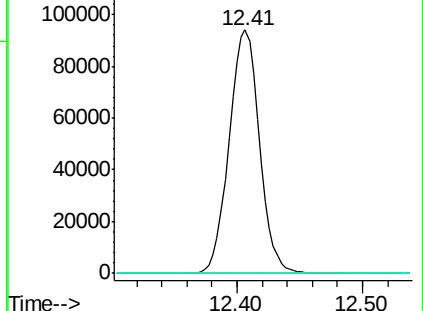
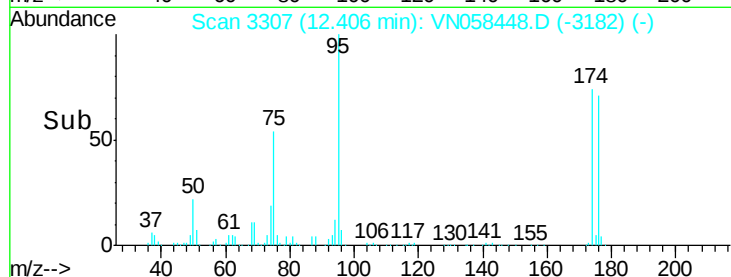
89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058448.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058448.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058448.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.131 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058448.D

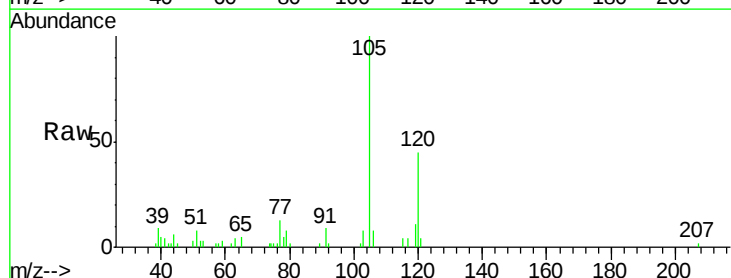
Acq: 30 Sep 2019 19:58

Tgt Ion: 105 Resp: 17067

Ion Ratio Lower Upper

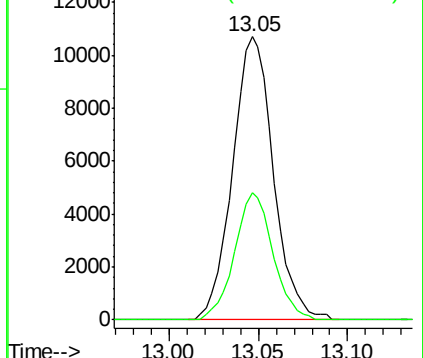
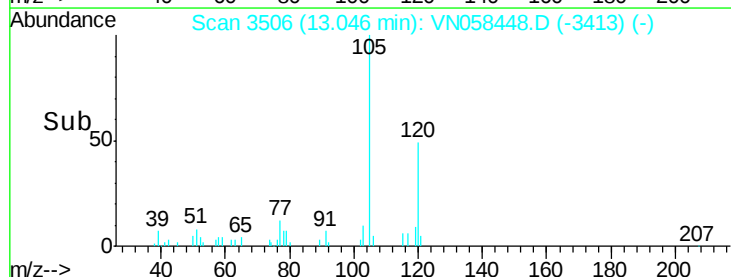
105 100

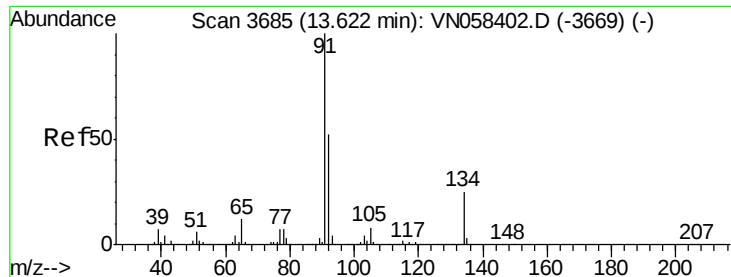
120 42.1 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058448.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN058448.D (-3413) (-)





#89

n-Butylbenzene

Concen: 0.256 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

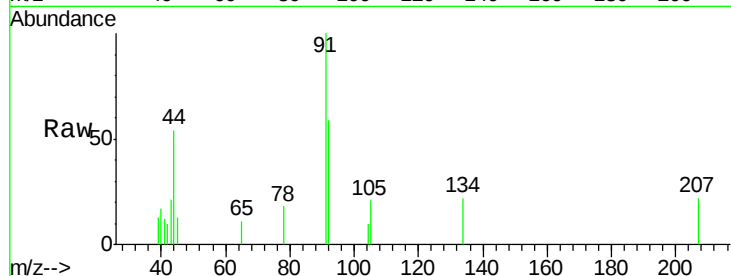
Tot Ion: 91 Resp: 3409

Ion Ratio Lower Upper

91 100

92 44.8 25.7 77.1

134 15.9 12.2 36.6

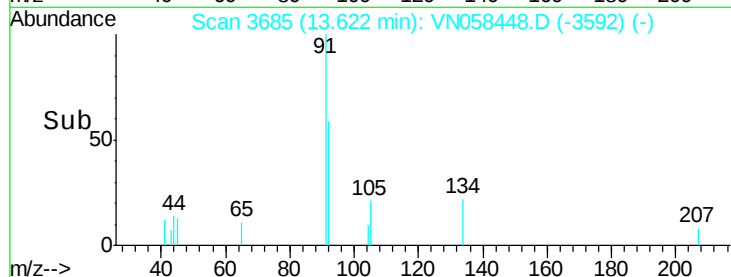


Abundance Ion 91.00 (90.70 to 91.70): VN058448.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058448.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058448.D (-3669) (-)

Time--> 13.55 13.60 13.65

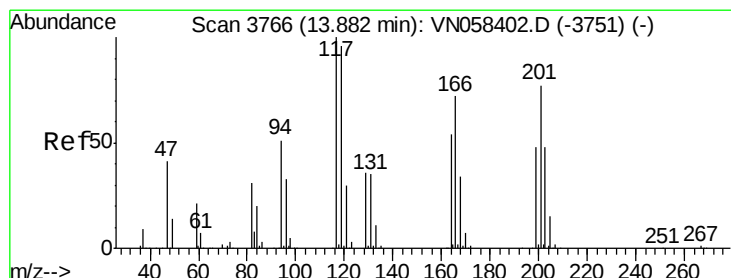


Abundance Ion 91.00 (90.70 to 91.70): VN058448.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN058448.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN058448.D (-3592) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 0.358 ug/l

RT: 13.90 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN058448.D

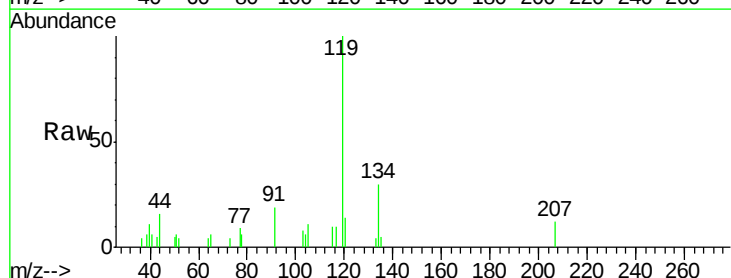
Acq: 30 Sep 2019 19:58

Tgt Ion: 117 Resp: 791

Ion Ratio Lower Upper

117 100

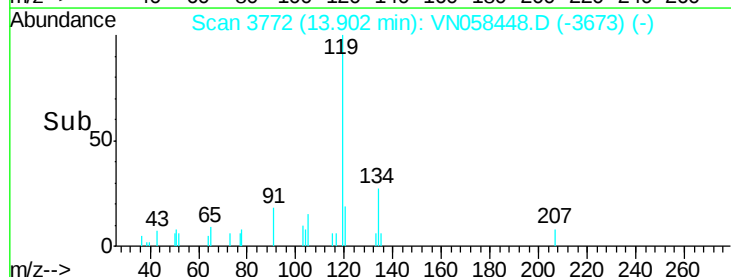
201 0.0 38.6 116.0#



Abundance Ion 116.80 (116.50 to 117.50): VN058448.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058448.D (-3751) (-)

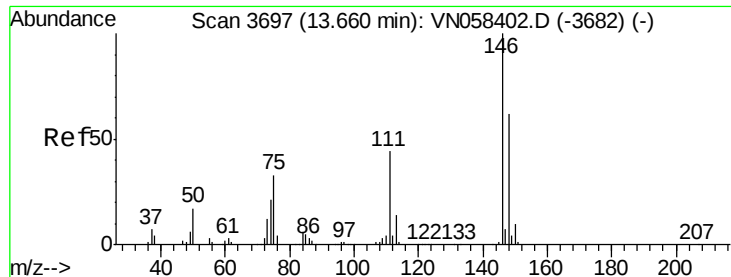
Time--> 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN058448.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN058448.D (-3673) (-)

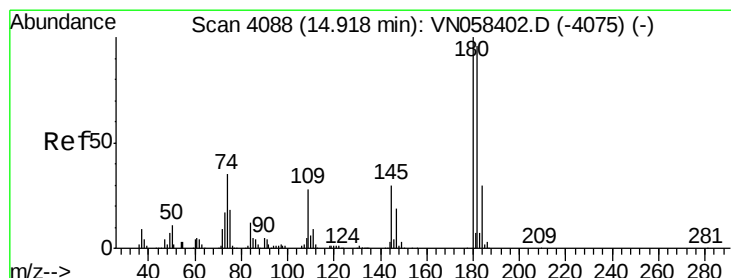
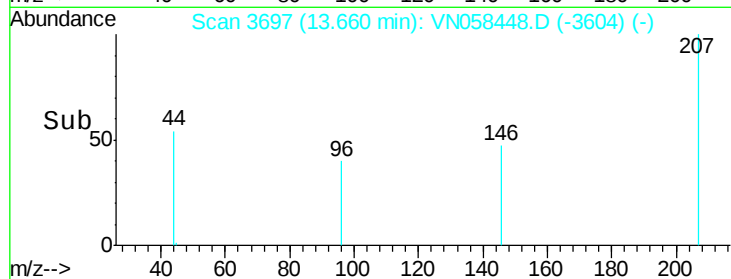
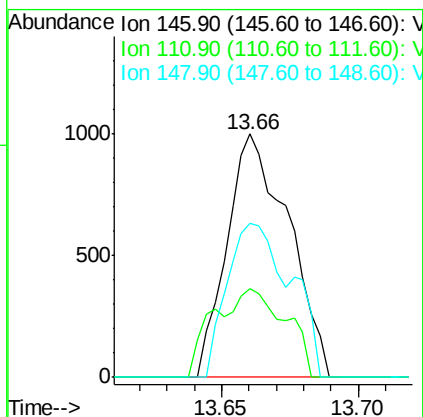
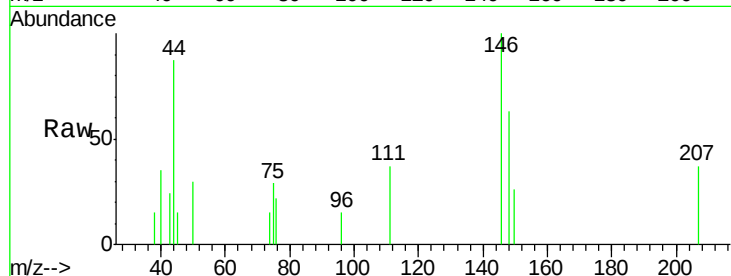
Time--> 13.85 13.90



#91
 1,2-Dichlorobenzene
 Concen: 0.213 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

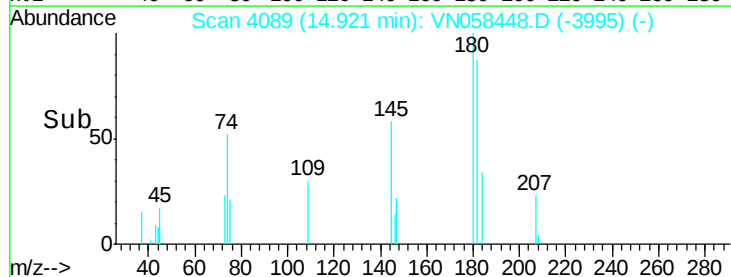
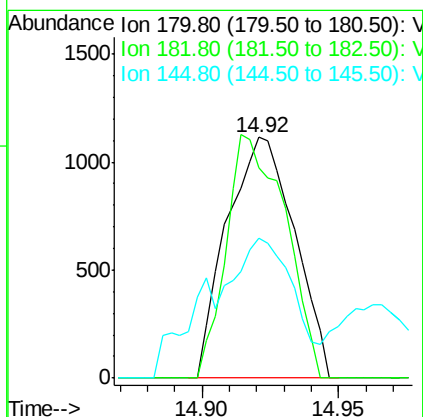
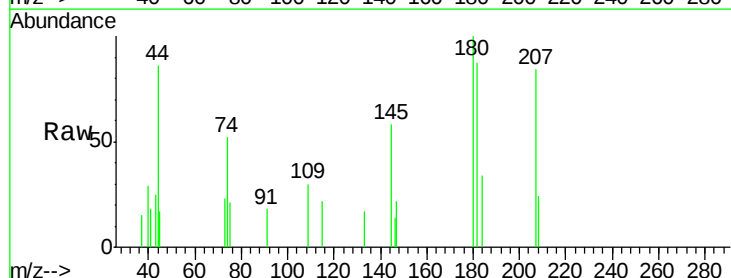
Instrument :
 MSVOA_N
 ClientSampled :

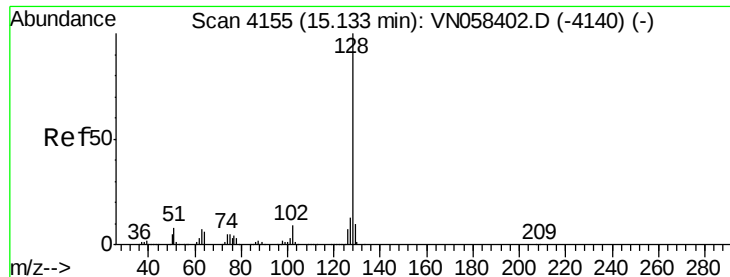
Tot Ion:146 Resp: 1568
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.3
 148 65.3 31.5 94.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.472 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058448.D
 Acq: 30 Sep 2019 19:58

Tgt Ion:180 Resp: 1915
 Ion Ratio Lower Upper
 180 100
 182 88.7 47.4 142.3
 145 49.3 15.3 45.9#





#95

Naphthalene

Concen: 1.620 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

Instrument :

MSVOA_N

ClientSampled :

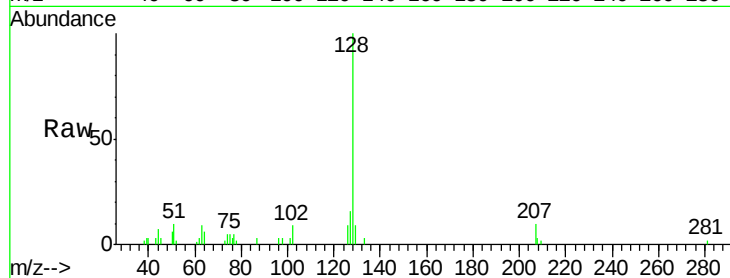
Tot Ion:128 Resp: 19603

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

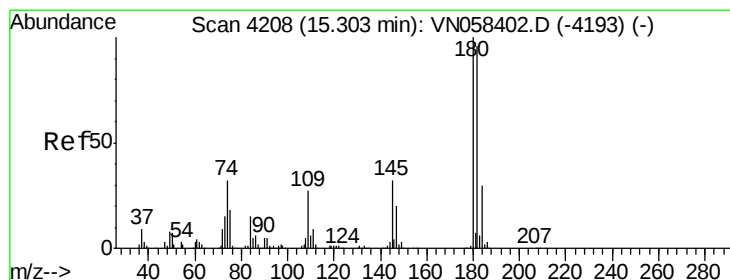
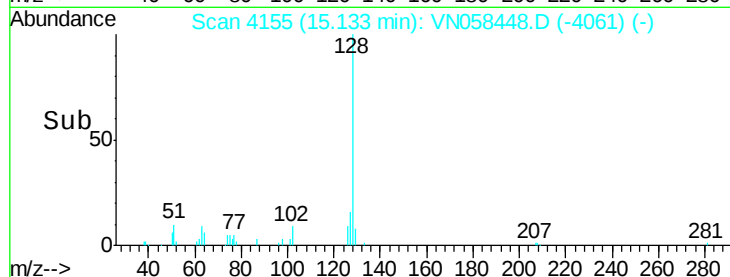
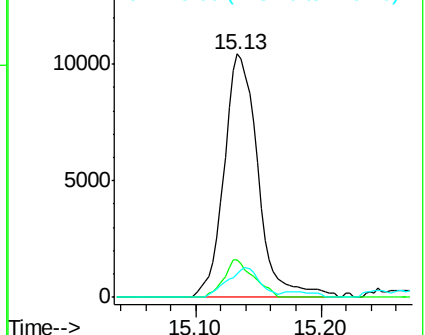
129 11.4 8.3 12.5



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: 0.624 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058448.D

Acq: 30 Sep 2019 19:58

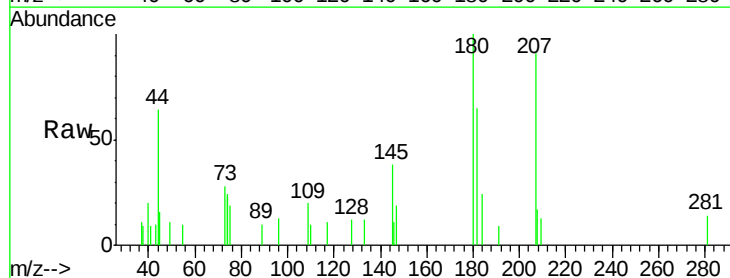
Tgt Ion:180 Resp: 2642

Ion Ratio Lower Upper

180 100

182 85.4 48.3 144.9

145 57.8 16.1 48.3#



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

