

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058295.D
 Acq On : 23 Sep 2019 16:14
 Operator : JC/SP
 Sample : K4975-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20190918

Quant Time: Sep 24 01:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	487347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	793441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	673802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254795	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	360435	53.10	ug/l	0.00
Spiked Amount						
			Recovery	=	106.20%	
35) Dibromofluoromethane	7.58	113	250520	51.94	ug/l	0.00
Spiked Amount						
			Recovery	=	103.88%	
50) Toluene-d8	10.08	98	1011218	53.81	ug/l	0.00
Spiked Amount						
			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.41	95	313404	44.89	ug/l	0.00
Spiked Amount						
			Recovery	=	89.78%	

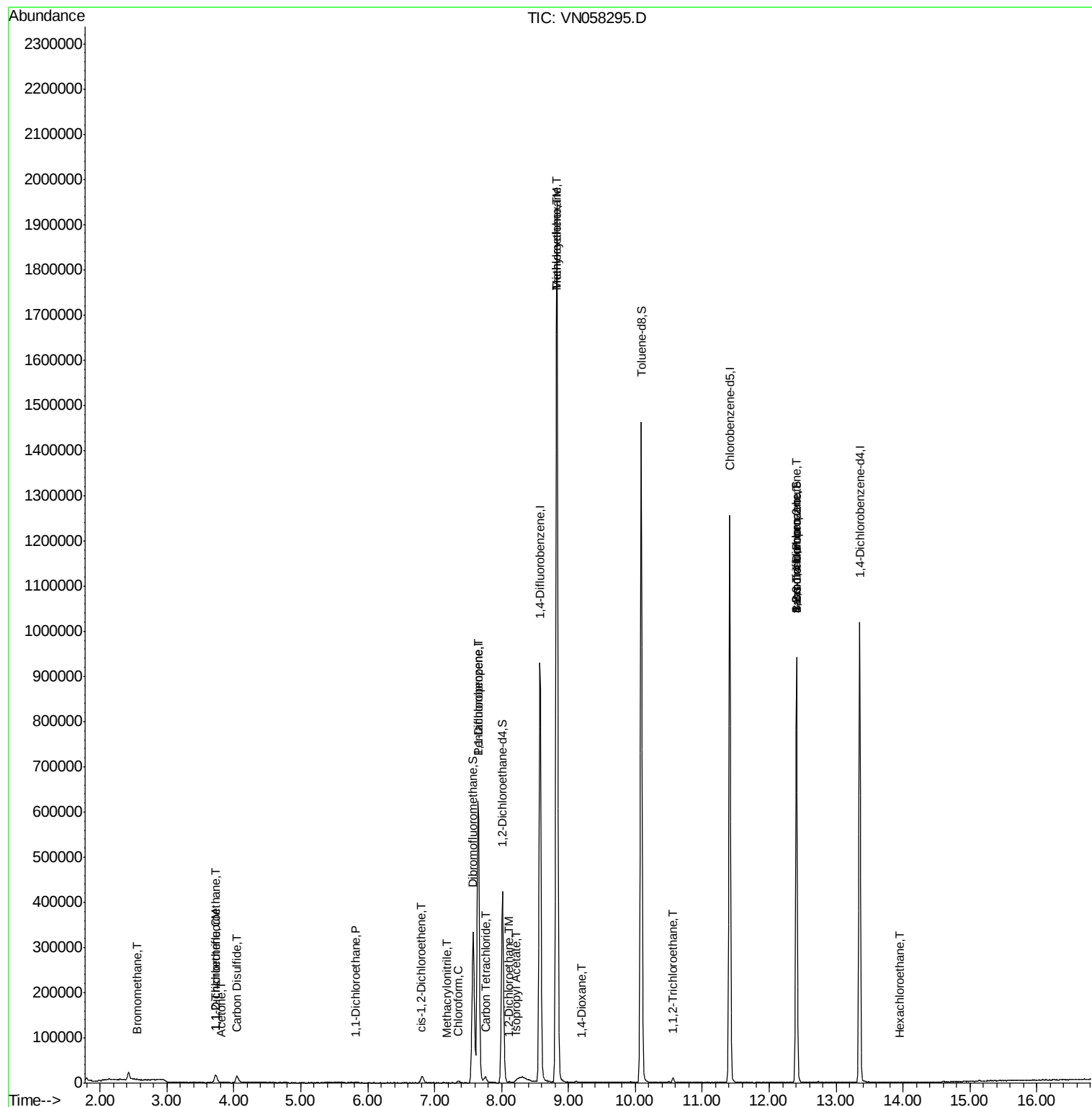
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	390	Below Cal	#	43
4) Vinyl Chloride	2.41	62	32	Below Cal	#	1
5) Bromomethane	2.54	94	261	0.866	ug/l #	60
6) Chloroethane	2.72	64	201	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	3.73	101	6327	1.606	ug/l	94
12) 1,1-Dichloroethene	3.72	96	5370	1.450	ug/l #	75
16) Acetone	3.82	43	1952	0.847	ug/l #	45
17) Carbon Disulfide	4.03	76	987	0.504	ug/l #	74
20) Methylene Chloride	4.54	84	284	Below Cal	#	16
21) trans-1,2-Dichloroethene	5.01	96	142	Below Cal	#	37
24) 1,1-Dichloroethane	5.83	63	3013	0.345	ug/l #	85
27) cis-1,2-Dichloroethene	6.81	96	6736	1.363	ug/l	39
30) Chloroform	7.35	83	4008	0.426	ug/l	95
31) Cyclohexane	7.65	56	12292	Below Cal	#	6
36) 1,1-Dichloropropene	7.65	75	42779	7.476	ug/l #	50
38) Carbon Tetrachloride	7.76	117	8728	1.517	ug/l	86
39) Methylcyclohexane	8.82	83	8847	1.668	ug/l #	1
41) Methacrylonitrile	7.18	41	115	0.949	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	1520	0.207	ug/l #	78
43) Isopropyl Acetate	8.21	43	3565	0.321	ug/l #	57
44) Trichloroethene	8.82	130	672966	157.355	ug/l	99
49) 1,4-Dioxane	9.20	88	100	1.210	ug/l #	56
55) 1,1,2-Trichloroethane	10.56	97	3163	0.651	ug/l	92
71) Bromoform	12.41	173	1735	4.100	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	169262	37.119	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	169262	103.484	ug/l #	5
90) Hexachloroethane	13.93	117	61	2.846	ug/l #	12

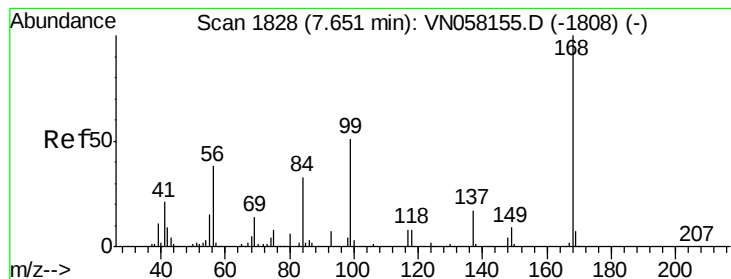
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 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: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

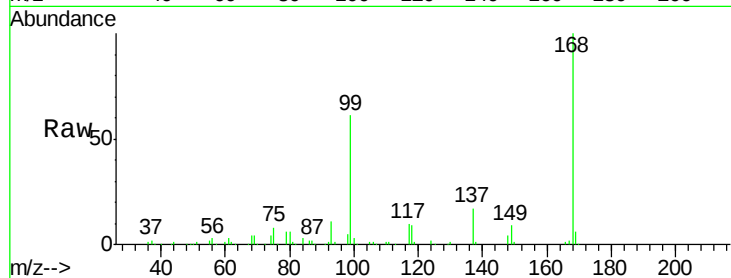
RE139D2-20190918

Tot Ion:168 Resp: 487347

Ion Ratio Lower Upper

168 100

99 61.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

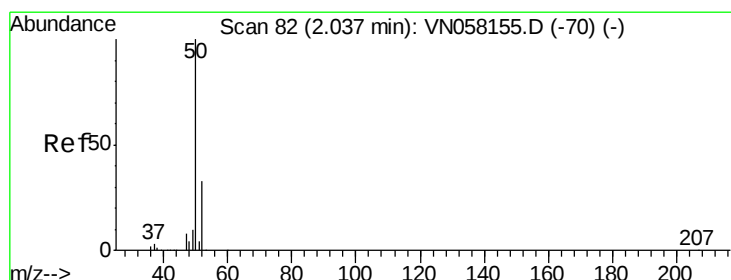
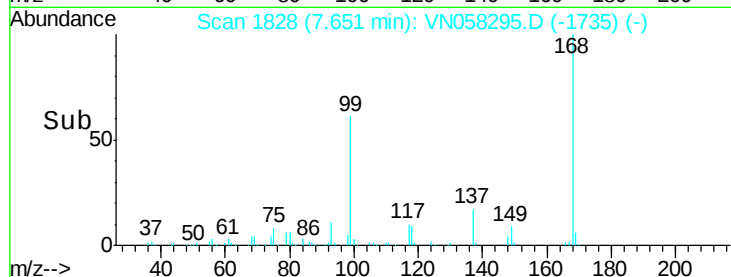
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058295.D

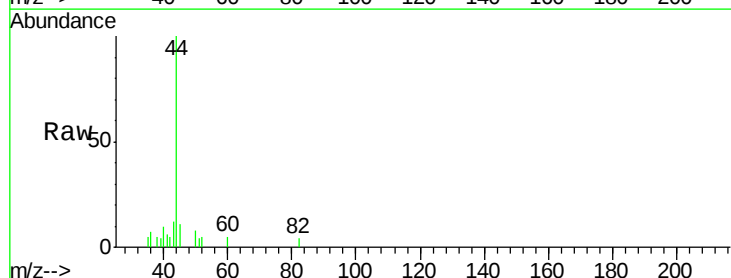
Acq: 23 Sep 2019 16:14

Tgt Ion: 50 Resp: 390

Ion Ratio Lower Upper

50 100

52 64.9 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

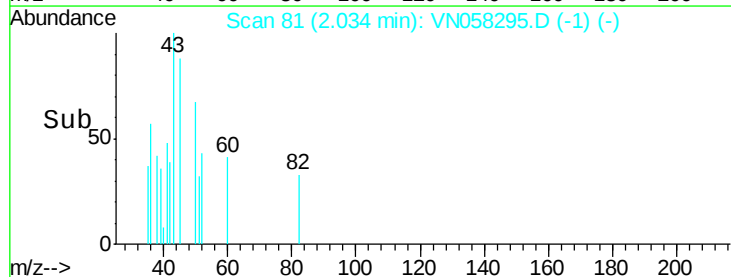
300

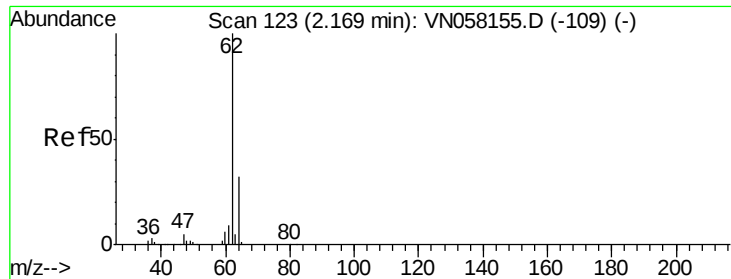
200

100

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.41 min Scan# 198

Delta R.T. 0.24 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

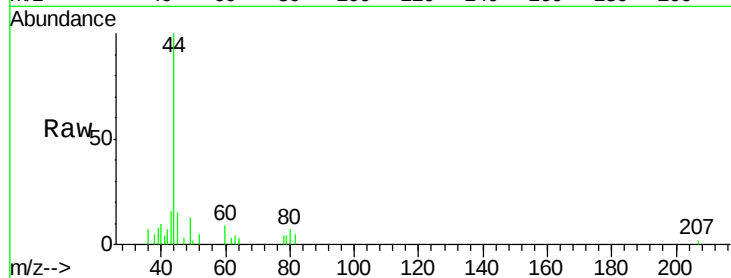
RE139D2-20190918

Tot Ion: 62 Resp: 32

Ion Ratio Lower Upper

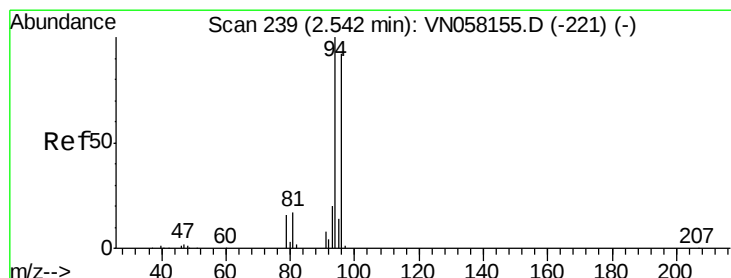
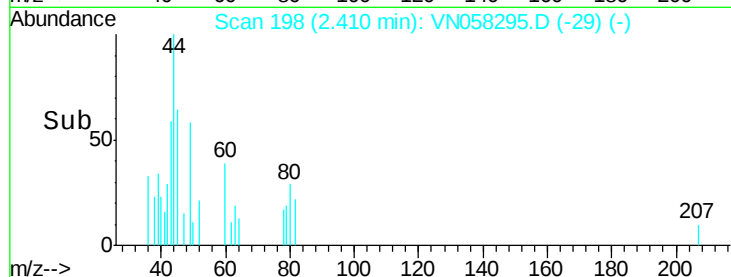
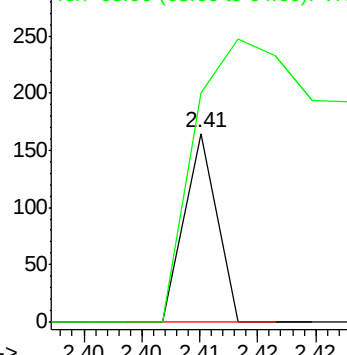
62 100

64 121.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



#5

Bromomethane

Concen: 0.866 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058295.D

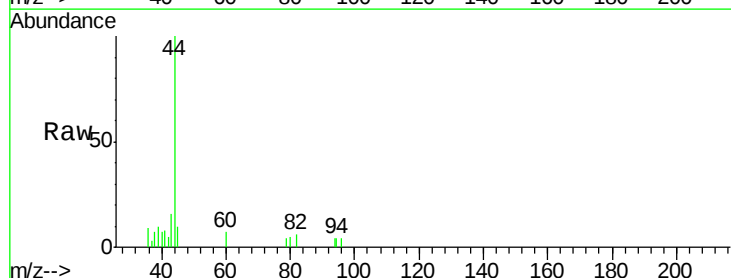
Acq: 23 Sep 2019 16:14

Tgt Ion: 94 Resp: 261

Ion Ratio Lower Upper

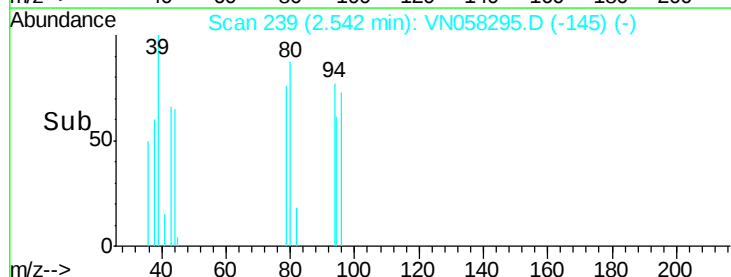
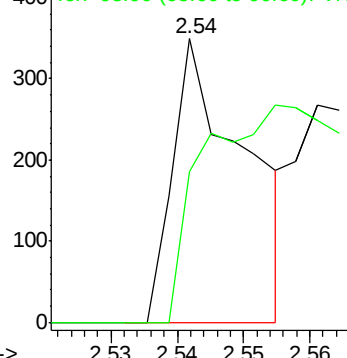
94 100

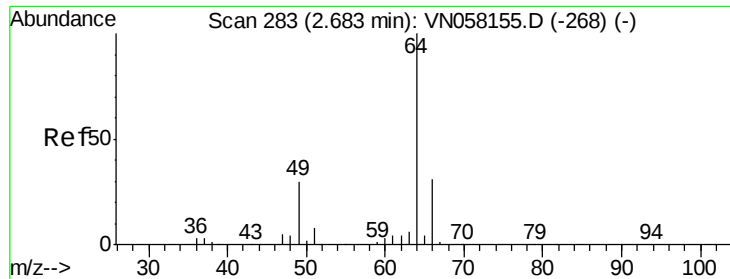
96 53.3 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#6

Chloroethane

Concen: Below Cal

RT: 2.72 min Scan# 293

Delta R.T. 0.03 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

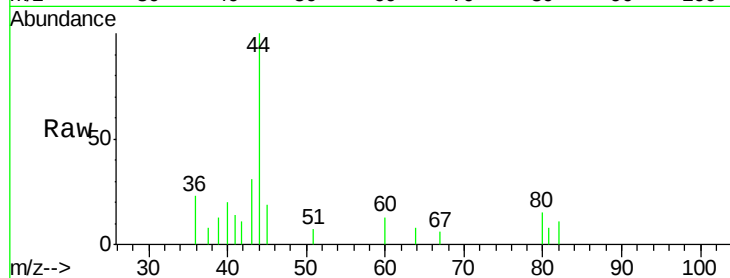
RE139D2-20190918

Tot Ion: 64 Resp: 201

Ion Ratio Lower Upper

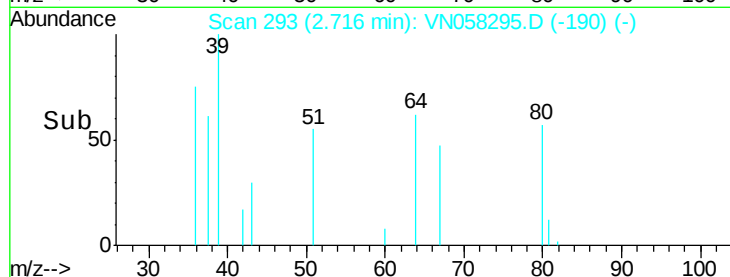
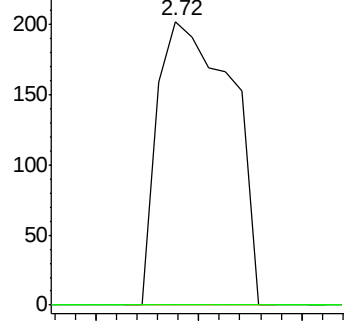
64 100

66 0.0 24.6 37.0#

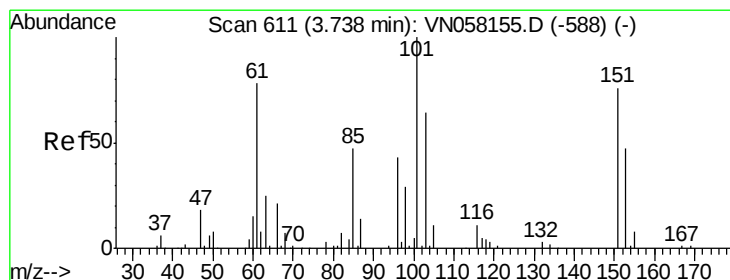


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.606 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

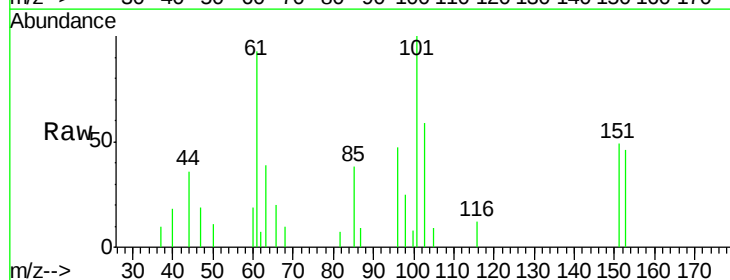
Tgt Ion:101 Resp: 6327

Ion Ratio Lower Upper

101 100

85 46.0 37.3 55.9

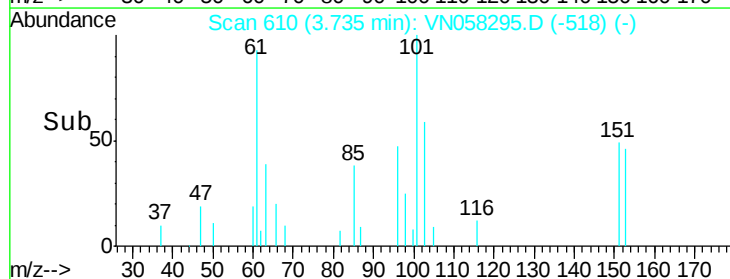
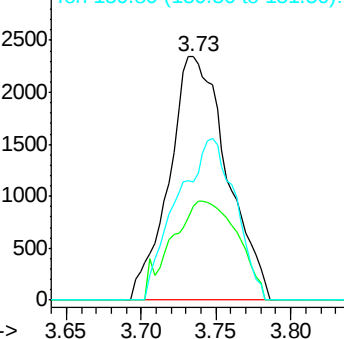
151 66.6 59.6 89.4



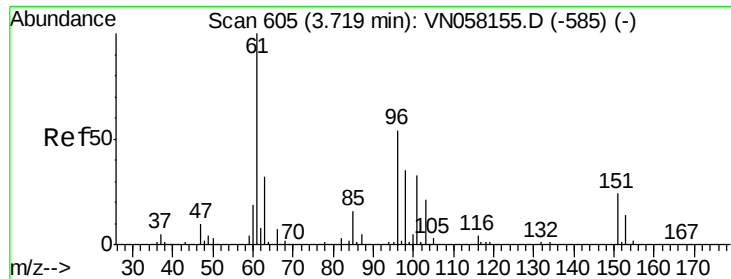
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



Time-->



#12

1,1-Dichloroethene

Concen: 1.450 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20190918

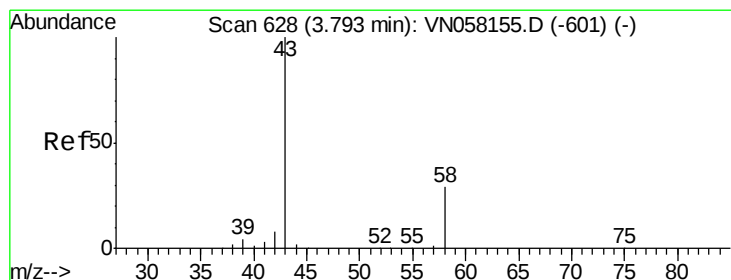
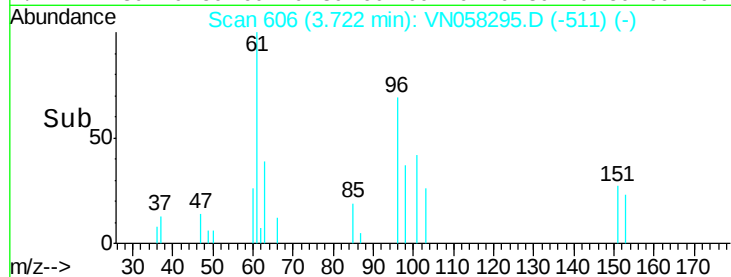
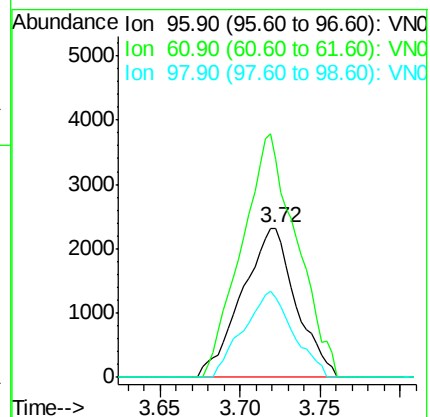
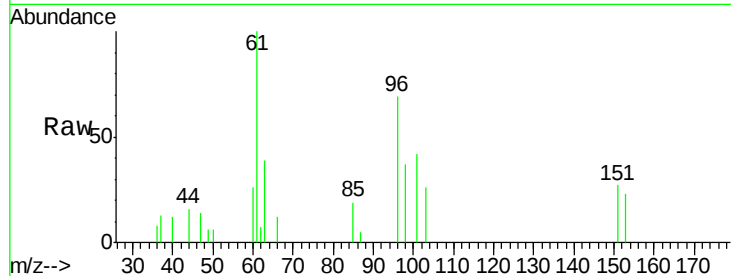
Tot Ion: 96 Resp: 5370

Ion Ratio Lower Upper

96 100

61 145.9 149.5 224.3#

98 53.6 52.4 78.6



#16

Acetone

Concen: 0.847 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN058295.D

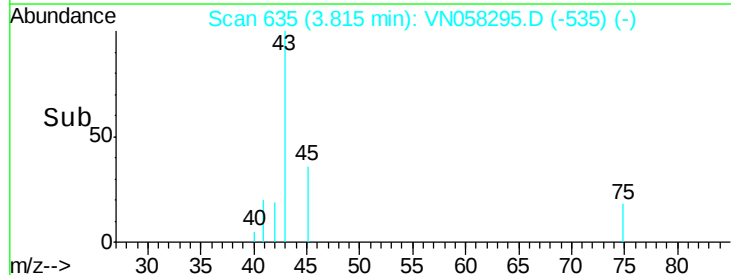
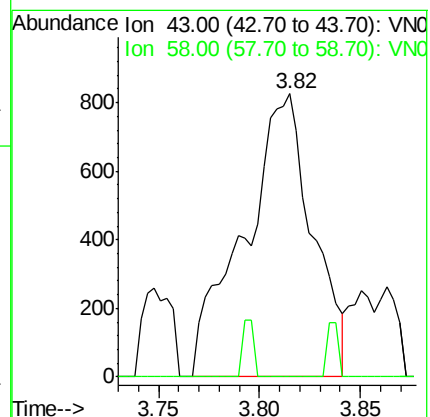
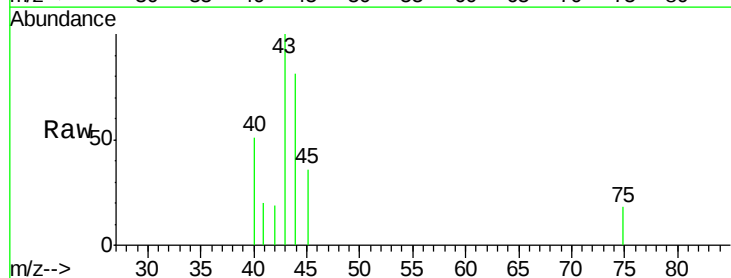
Acq: 23 Sep 2019 16:14

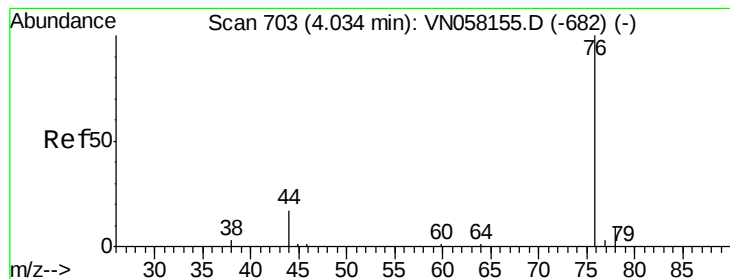
Tgt Ion: 43 Resp: 1952

Ion Ratio Lower Upper

43 100

58 0.0 23.4 35.2#





#17

Carbon Disulfide

Concen: 0.504 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.01 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

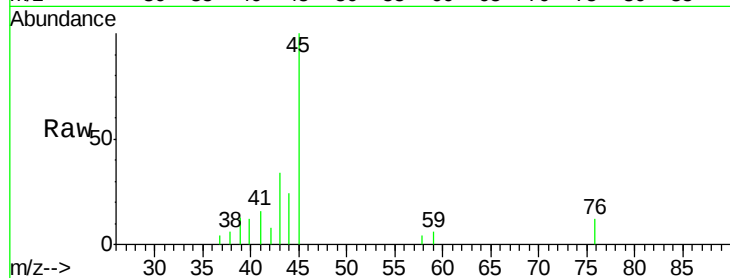
RE139D2-20190918

Tot Ion: 76 Resp: 987

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.03

500

400

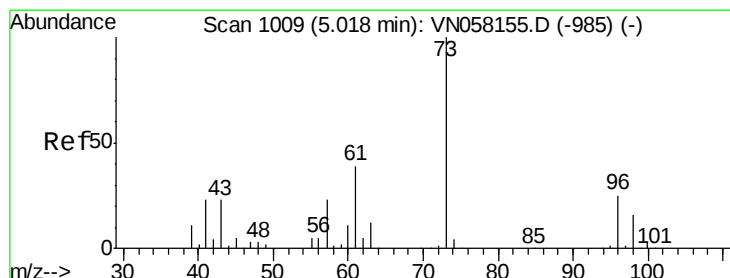
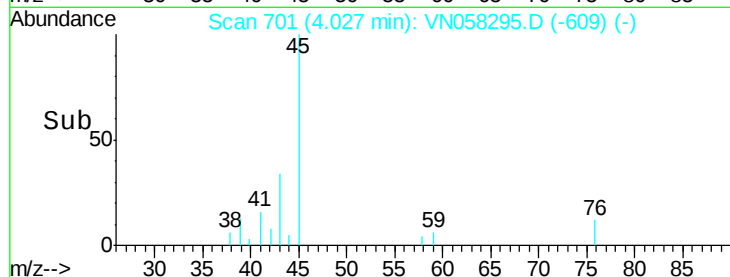
300

200

100

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

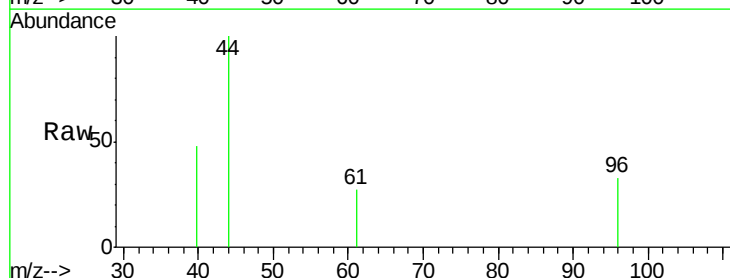
Tgt Ion: 96 Resp: 142

Ion Ratio Lower Upper

96 100

61 81.2 122.2 183.4#

98 0.0 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

5.01

200

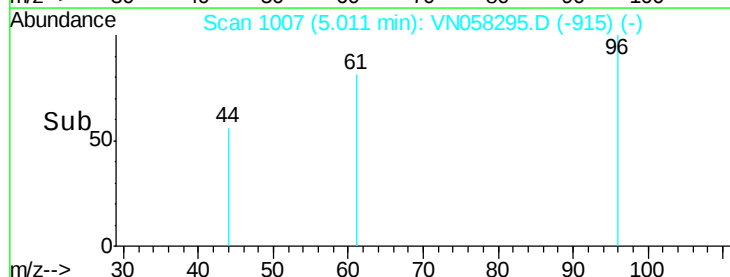
150

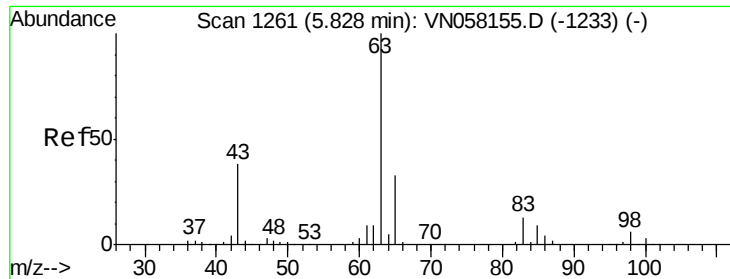
100

50

0

Time-->

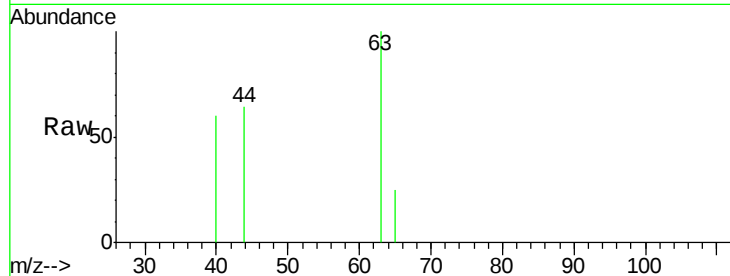




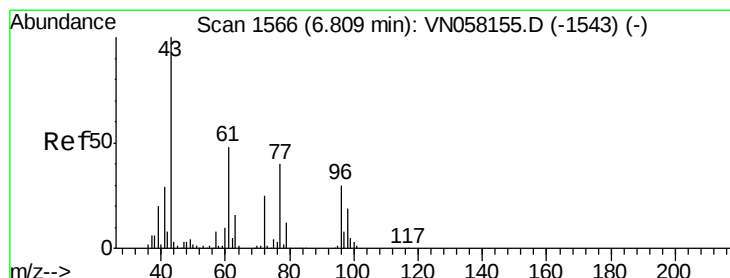
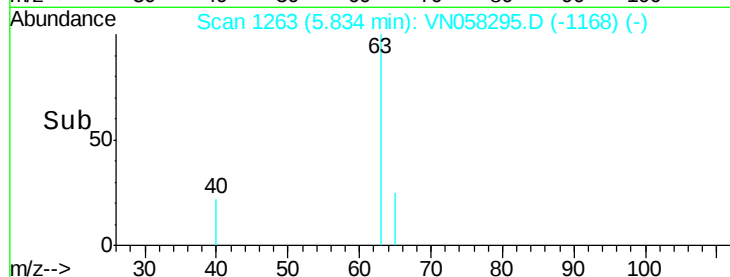
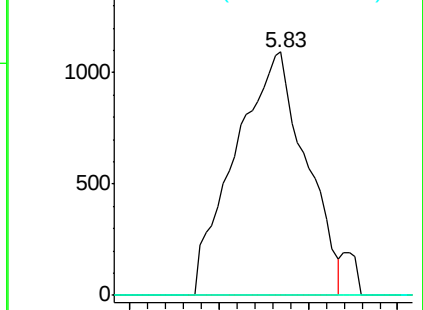
#24
 1,1-Dichloroethane
 Concen: 0.345 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20190918

Tot Ion: 63 Resp: 3013
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.8 5.3#

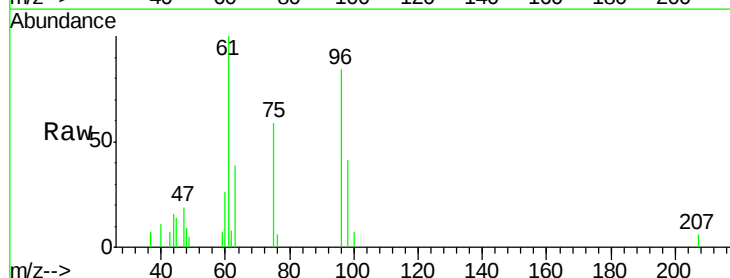


Abundance Ion 62.90 (62.60 to 63.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO
 Ion 99.90 (99.60 to 100.60): VNO

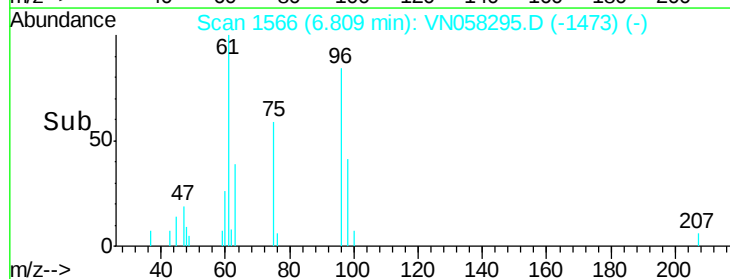
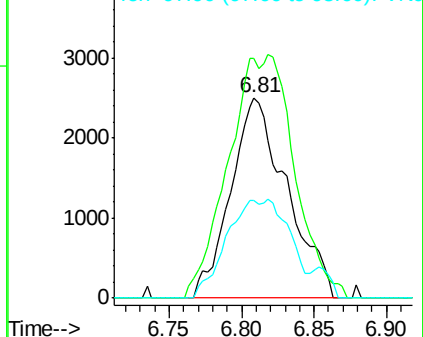


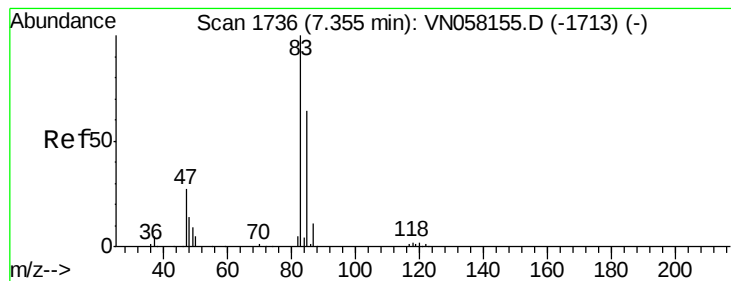
#27
 cis-1,2-Dichloroethene
 Concen: 1.363 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Tgt Ion: 96 Resp: 6736
 Ion Ratio Lower Upper
 96 100
 61 70.4 0.0 319.0
 98 29.4 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO





#30

Chloroform

Concen: 0.426 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

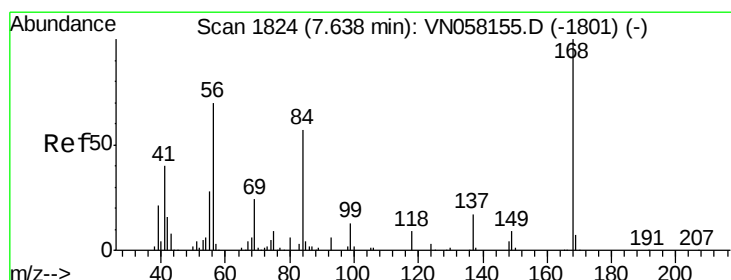
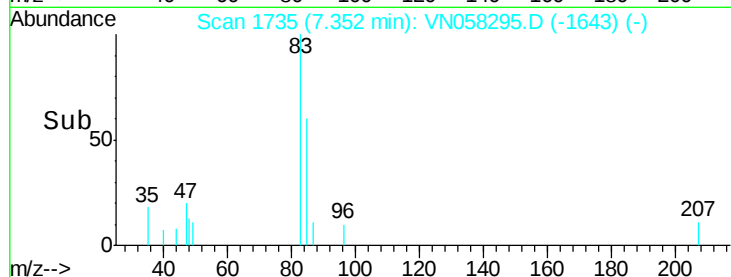
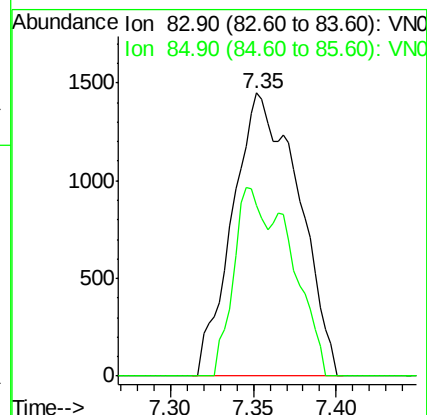
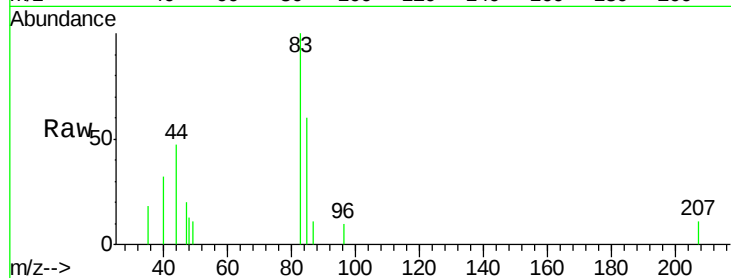
RE139D2-20190918

Tot Ion: 83 Resp: 4008

Ion Ratio Lower Upper

83 100

85 60.4 51.4 77.2



#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

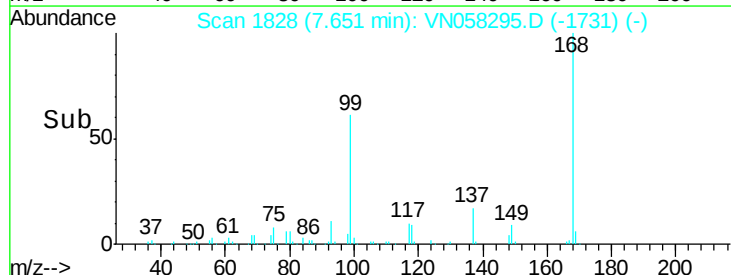
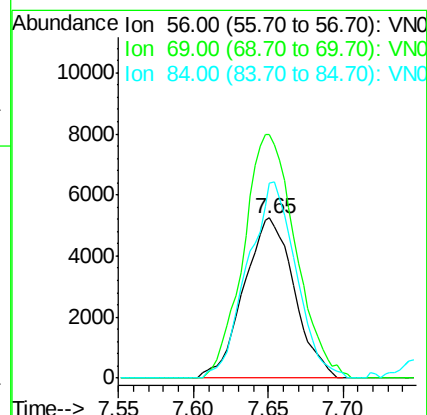
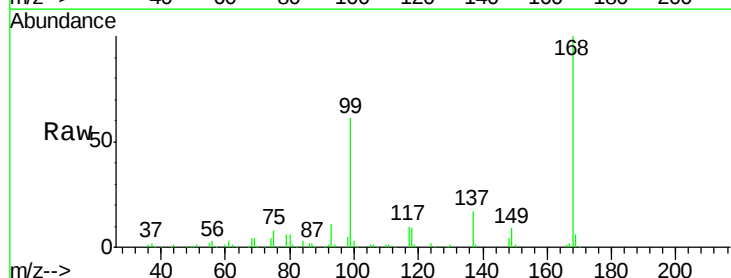
Tgt Ion: 56 Resp: 12292

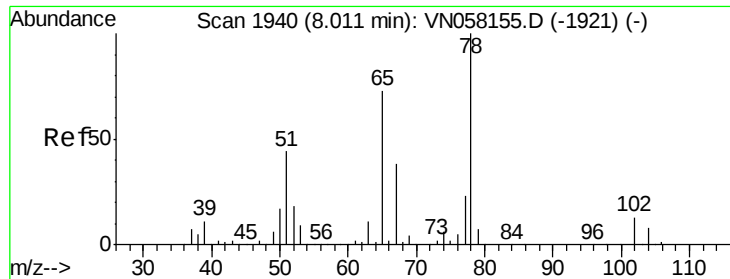
Ion Ratio Lower Upper

56 100

69 152.3 27.3 40.9#

84 122.4 65.0 97.4#

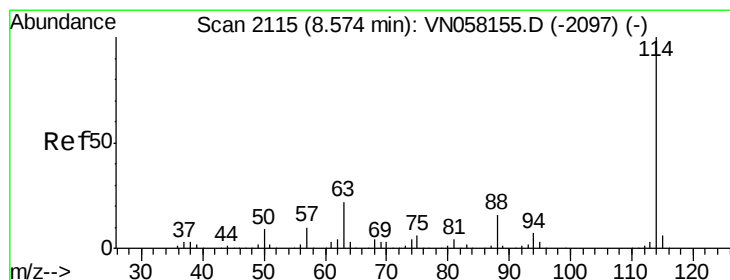
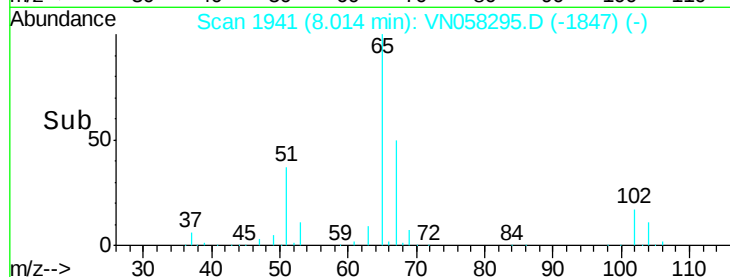
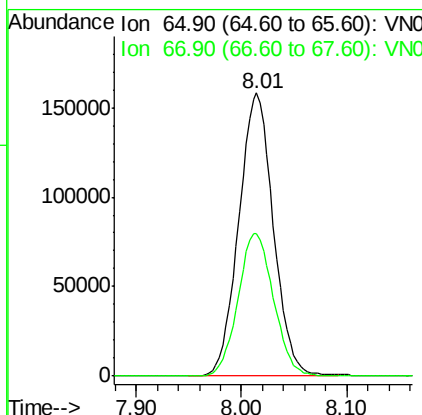
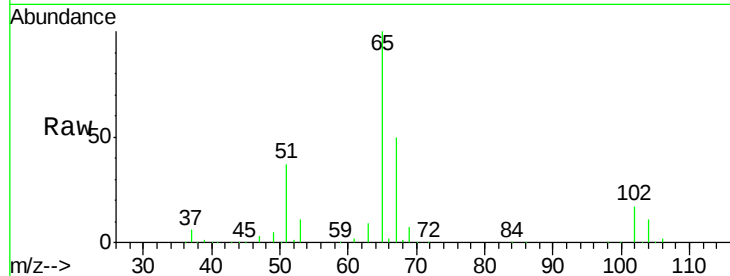




#33
 1,2-Dichloroethane-d4
 Concen: 53.101 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

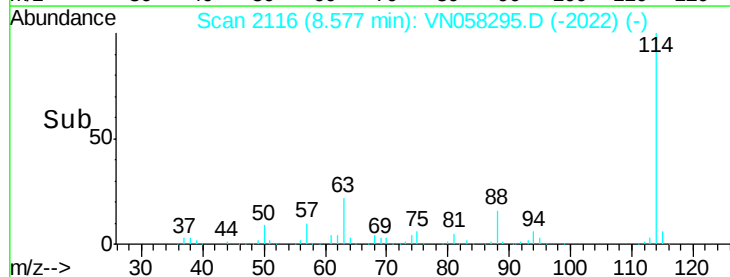
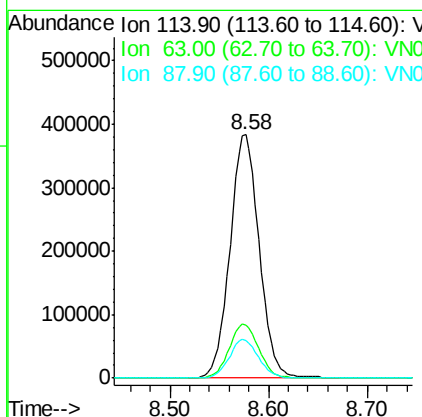
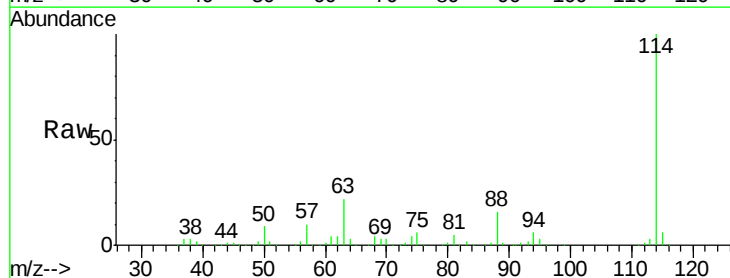
Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20190918

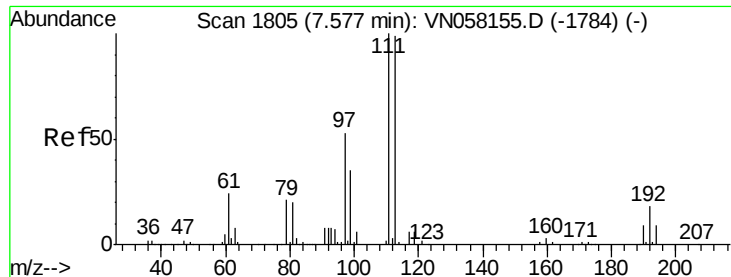
Tot Ion: 65 Resp: 360435
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Tgt Ion: 114 Resp: 793441
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 15.6 0.0 31.6

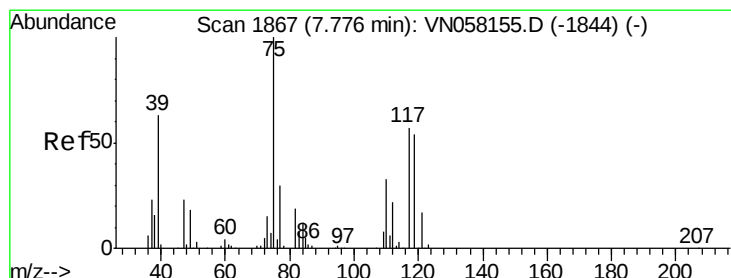
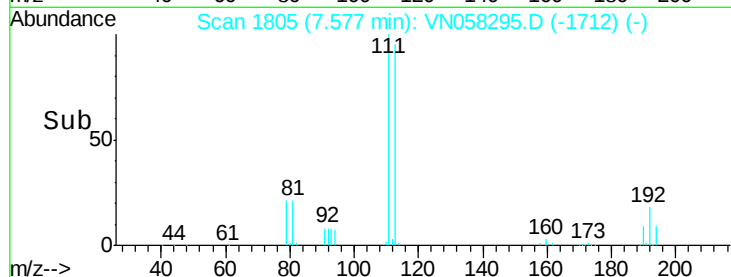
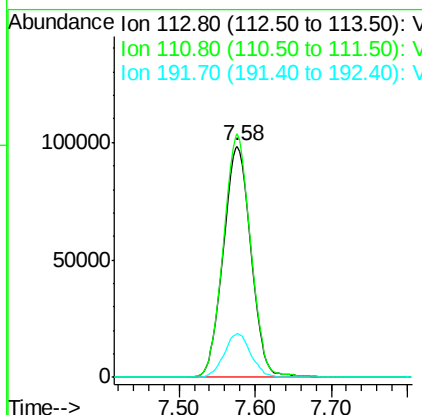
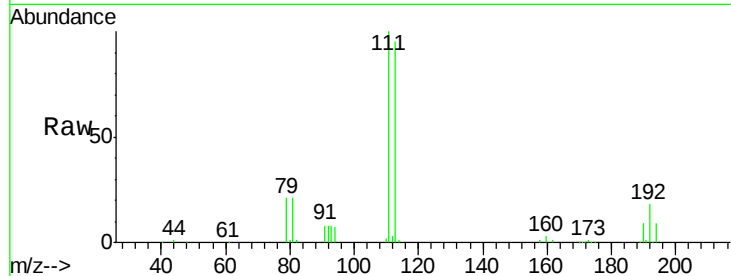




#35
Dibromofluoromethane
Concen: 51.938 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

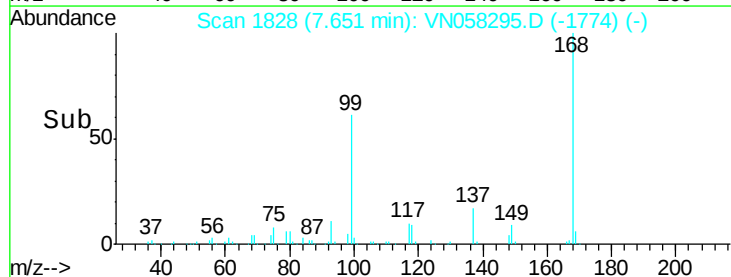
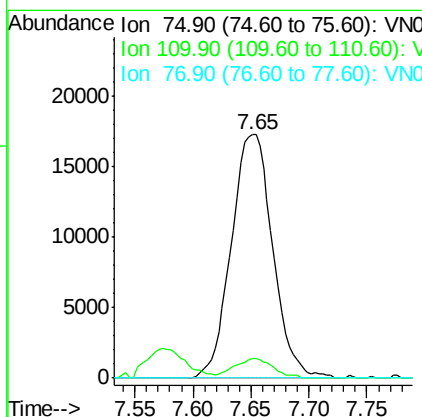
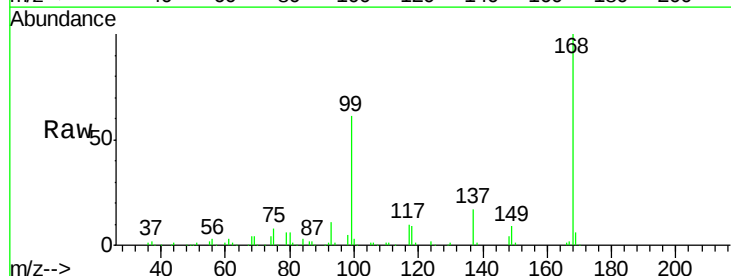
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20190918

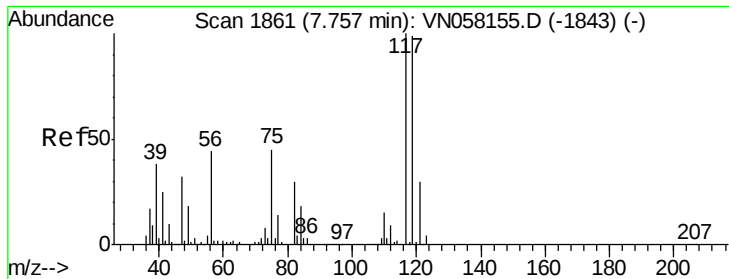
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	18.3	14.5	21.7



#36
1,1-Dichloropropene
Concen: 7.476 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.6	49.7#
77	0.0	24.3	36.5#

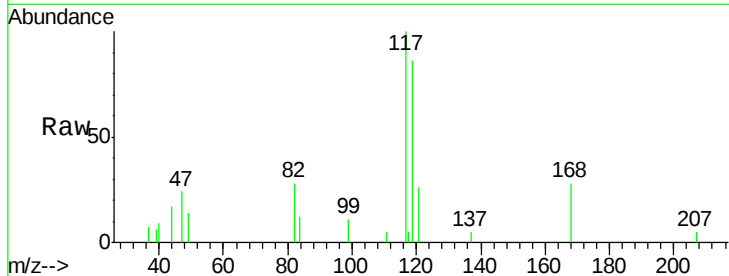




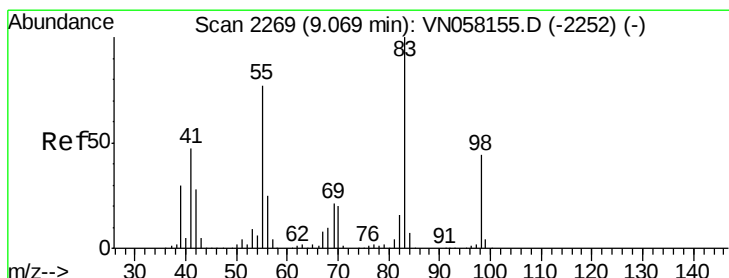
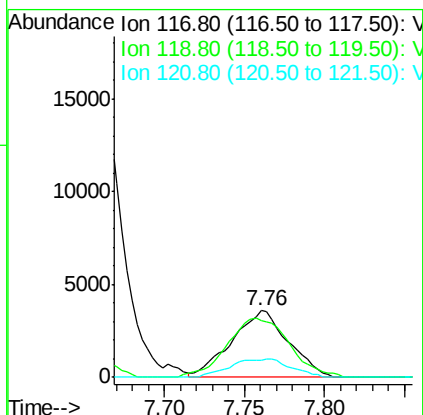
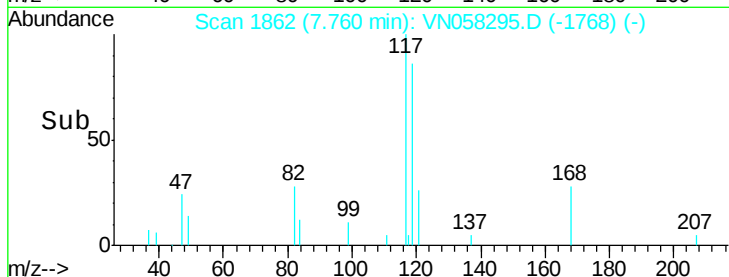
#38
Carbon Tetrachloride
Concen: 1.517 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20190918

Tot Ion:117 Resp: 8728
Ion Ratio Lower Upper
117 100
119 81.7 78.6 117.8
121 26.4 24.1 36.1

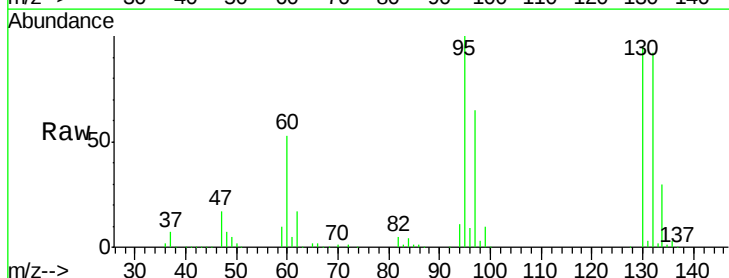


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

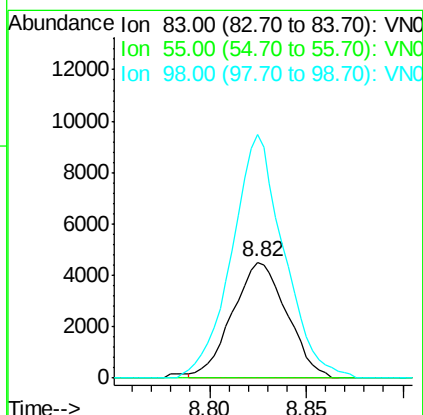
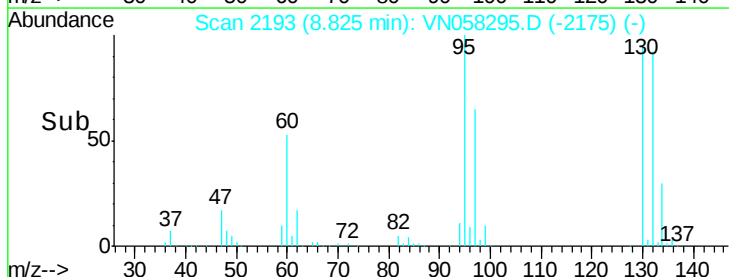


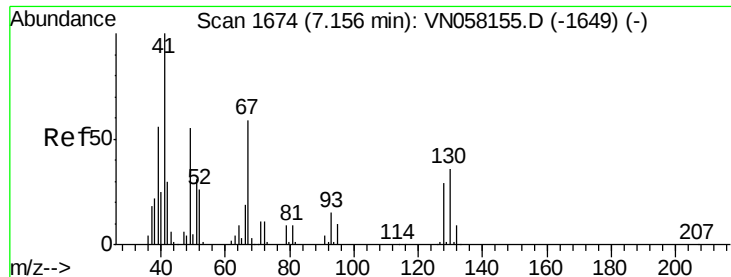
#39
Methylcyclohexane
Concen: 1.668 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

Tgt Ion: 83 Resp: 8847
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 204.2 35.4 53.2#



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

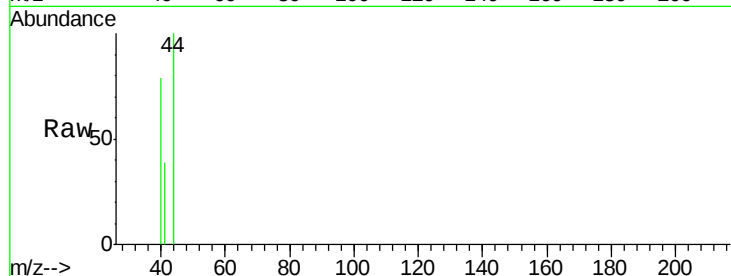




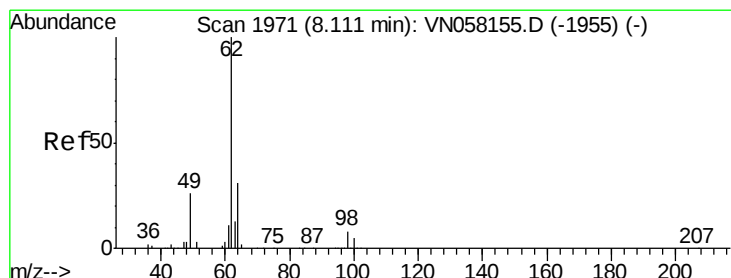
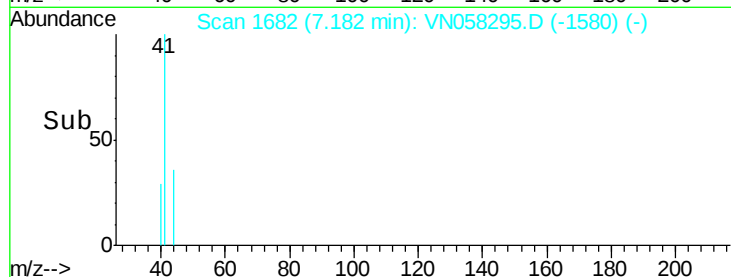
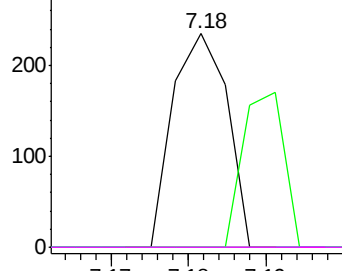
#41
Methacrylonitrile
Concen: 0.949 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20190918

Tot Ion:	41	Resp:	115
Ion	Ratio	Lower	Upper
41	100		
39	54.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

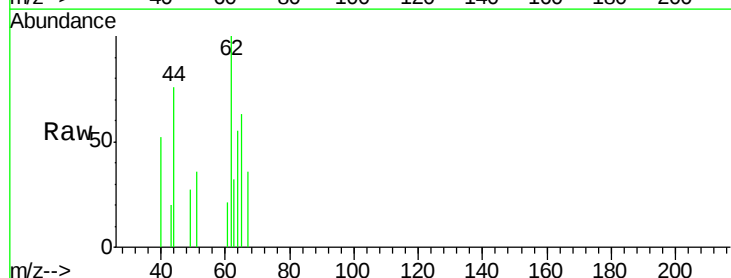


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

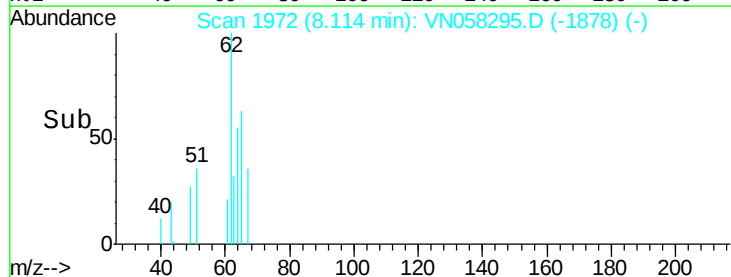
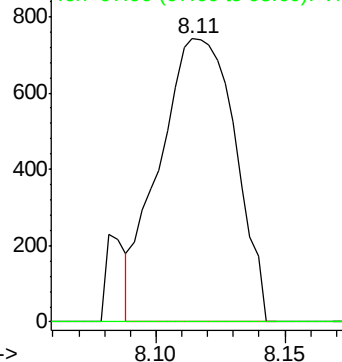


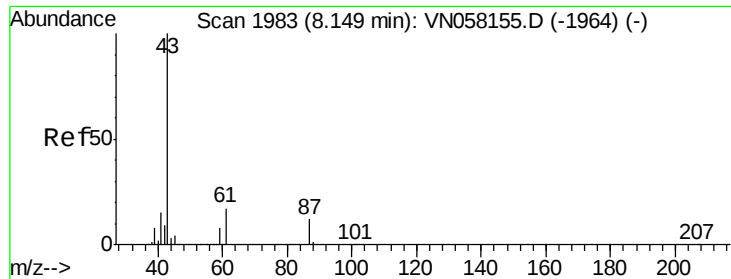
#42
1,2-Dichloroethane
Concen: 0.207 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN058295.D
Acq: 23 Sep 2019 16:14

Tgt Ion:	62	Resp:	1520
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



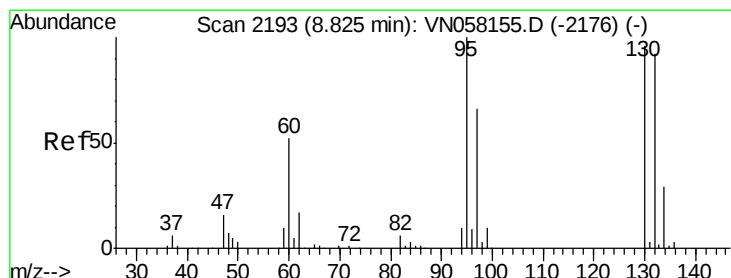
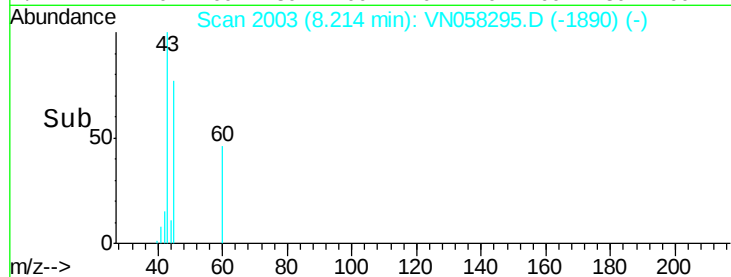
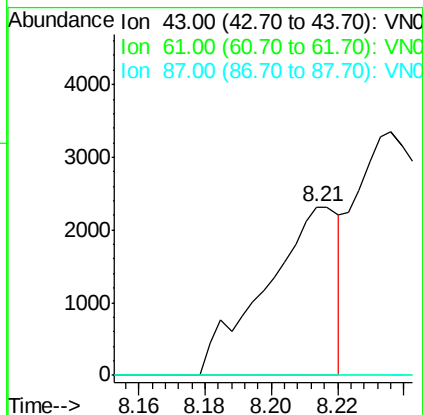
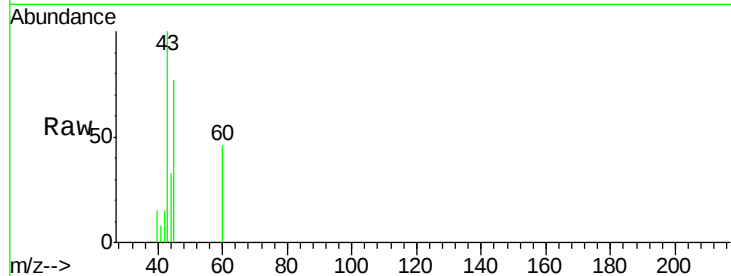


#43

Isopropyl Acetate
 Concen: 0.321 ug/l
 RT: 8.21 min Scan# 2003
 Delta R.T. 0.06 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20190918

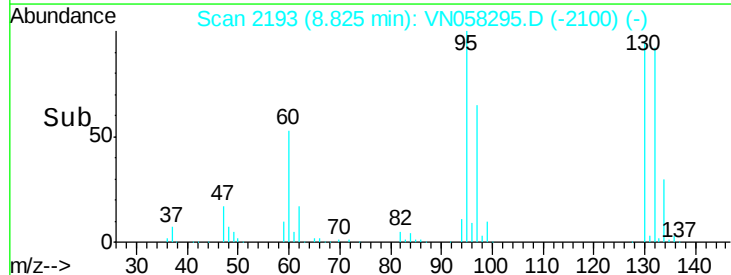
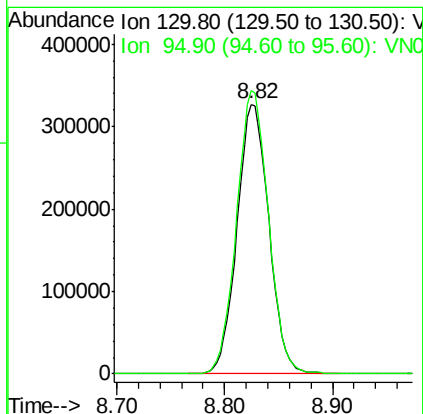
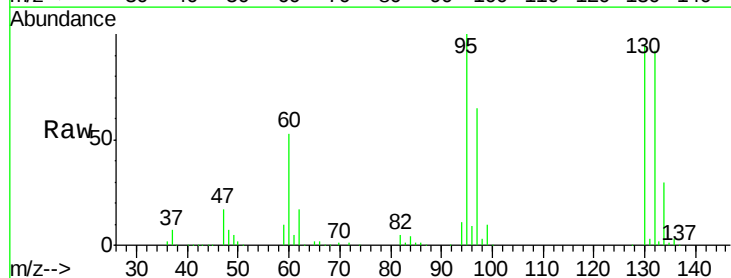
Tot Ion: 43 Resp: 3565
 Ion Ratio Lower Upper
 43 100
 61 0.0 19.7 29.5#
 87 0.0 9.4 14.2#

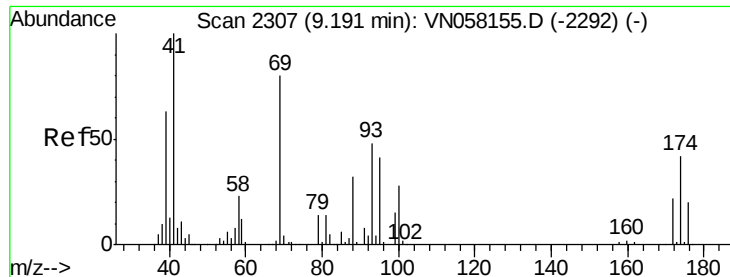


#44

Trichloroethene
 Concen: 157.355 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Tgt Ion: 130 Resp: 672966
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 207.8





#49

1,4-Dioxane

Concen: 1.210 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.01 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20190918

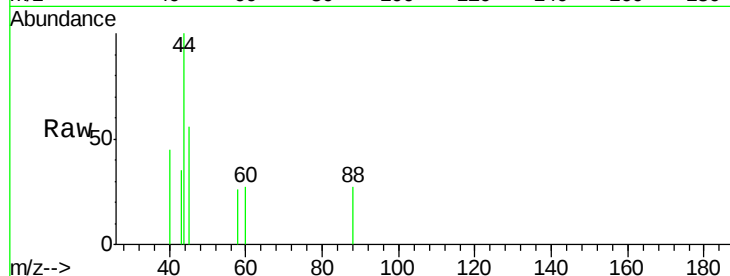
Tot Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

43 108.0 27.8 41.8#

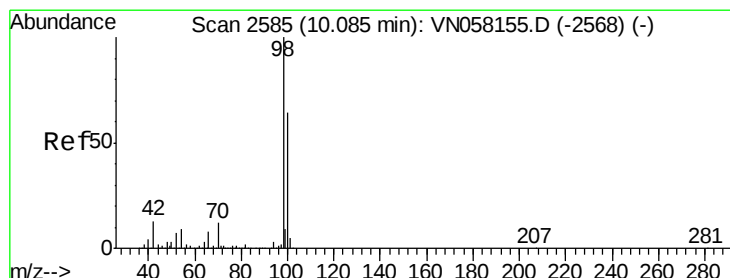
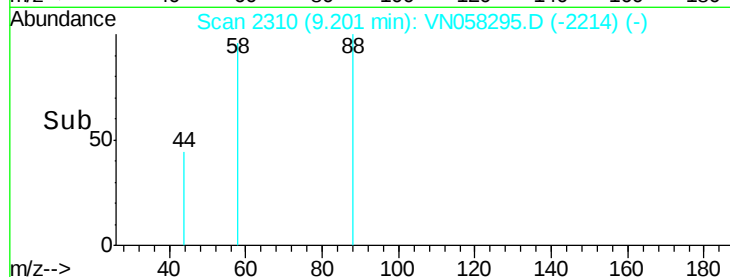
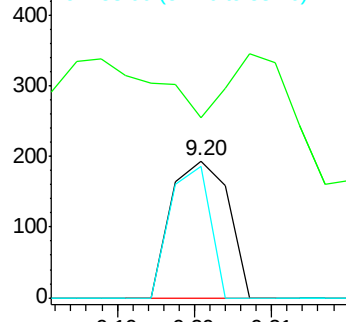
58 67.0 55.0 82.4



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: 53.808 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058295.D

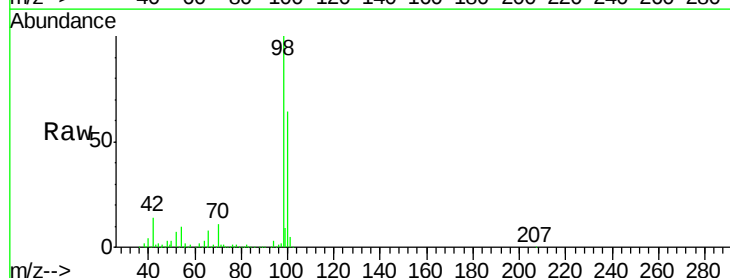
Acq: 23 Sep 2019 16:14

Tgt Ion: 98 Resp: 1011218

Ion Ratio Lower Upper

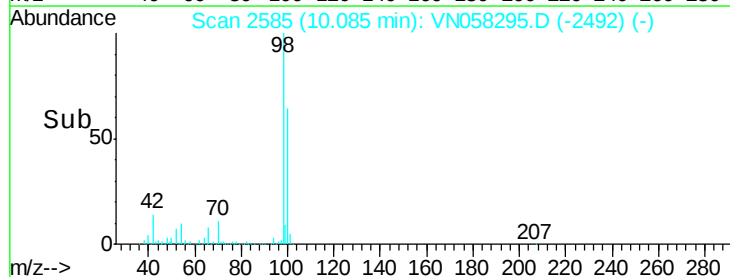
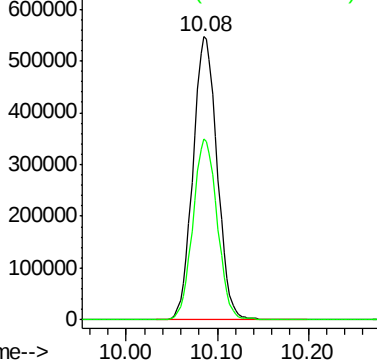
98 100

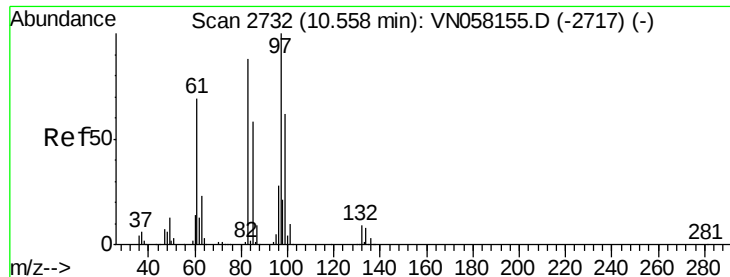
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

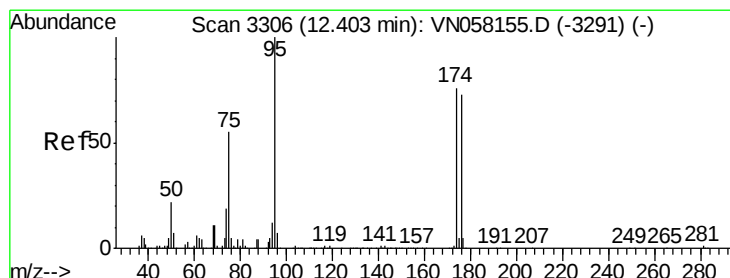
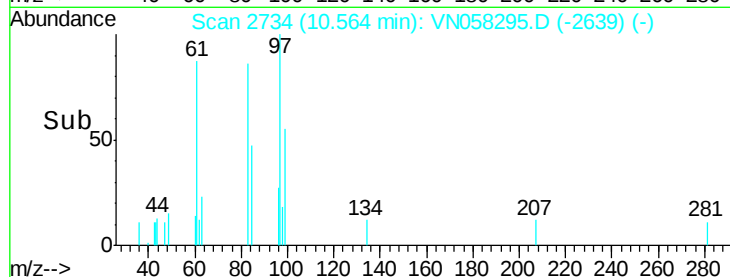
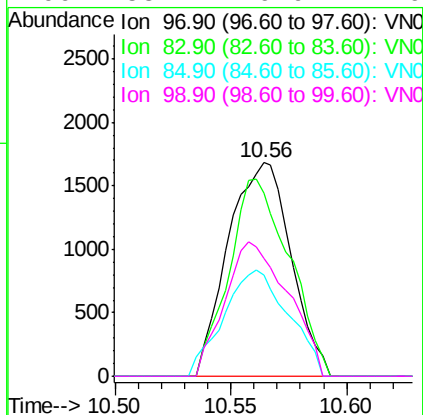
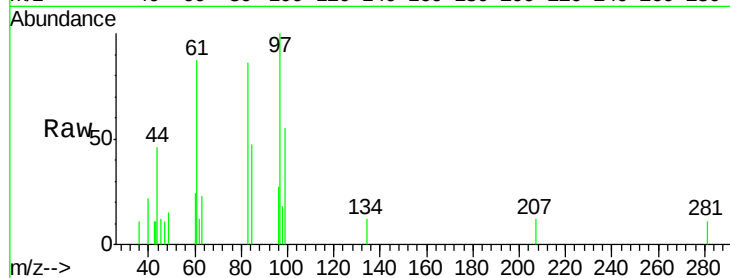




#55
 1,1,2-Trichloroethane
 Concen: 0.651 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

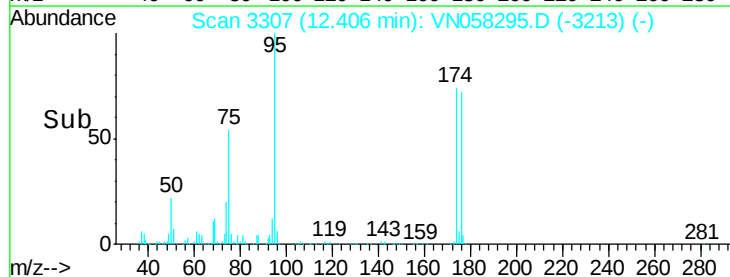
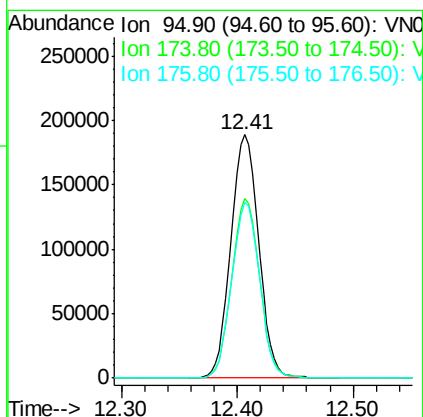
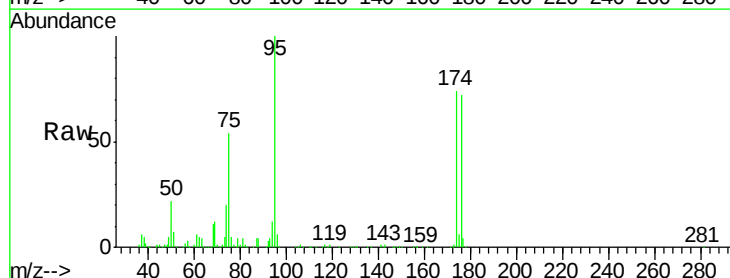
Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20190918

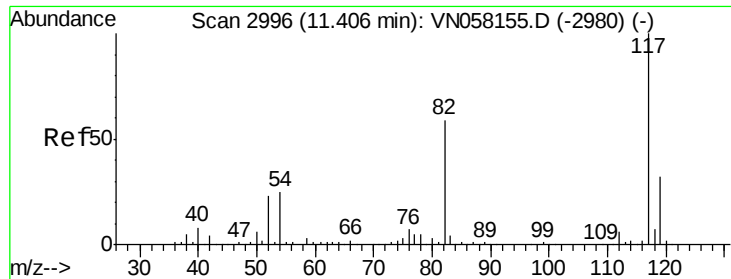
Tot Ion: 97 Resp: 3163
 Ion Ratio Lower Upper
 97 100
 83 85.6 70.4 105.6
 85 47.2 46.8 70.2
 99 55.4 49.9 74.9



#62
 4-Bromofluorobenzene
 Concen: 44.894 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058295.D
 Acq: 23 Sep 2019 16:14

Tgt Ion: 95 Resp: 313404
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 152.2
 176 72.4 0.0 148.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20190918

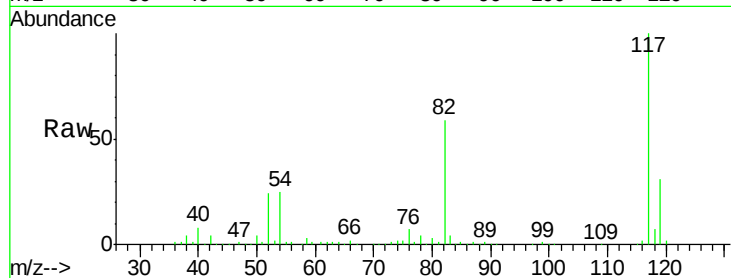
Tot Ion:117 Resp: 673802

Ion Ratio Lower Upper

117 100

82 59.0 46.9 70.3

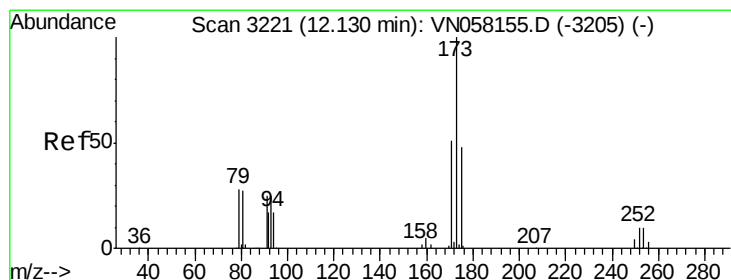
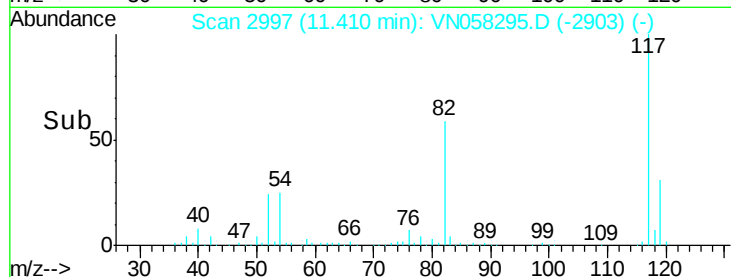
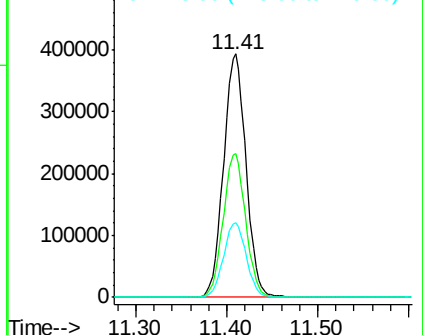
119 30.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 4.100 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

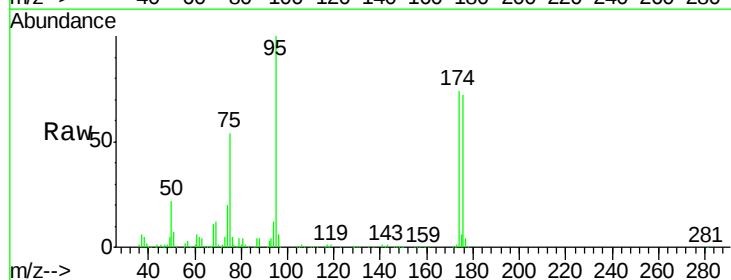
Tgt Ion:173 Resp: 1735

Ion Ratio Lower Upper

173 100

175 856.3 24.2 72.6#

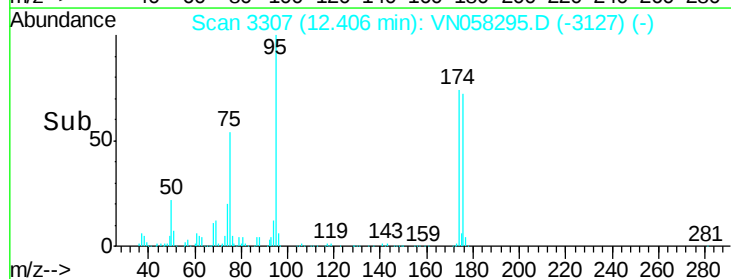
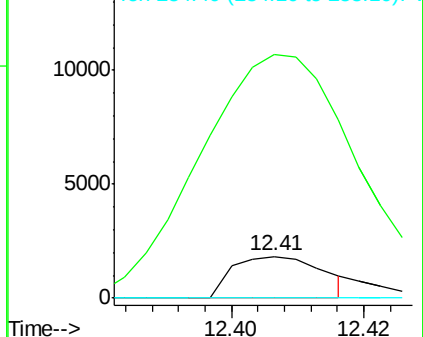
254 0.0 0.1 0.1#

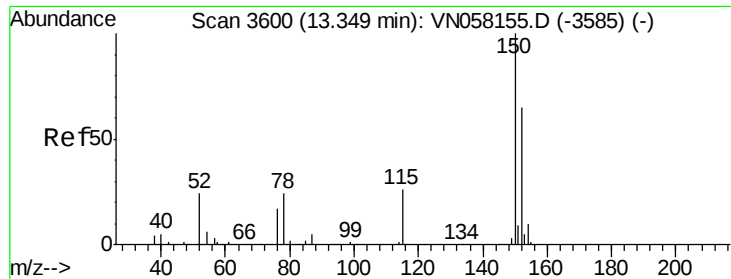


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3601

Delta R.T. 0.00 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20190918

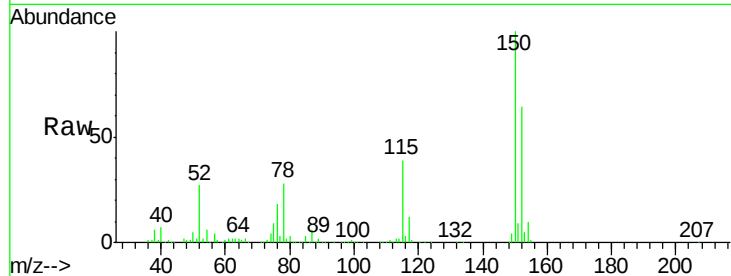
Tot Ion:152 Resp: 254795

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

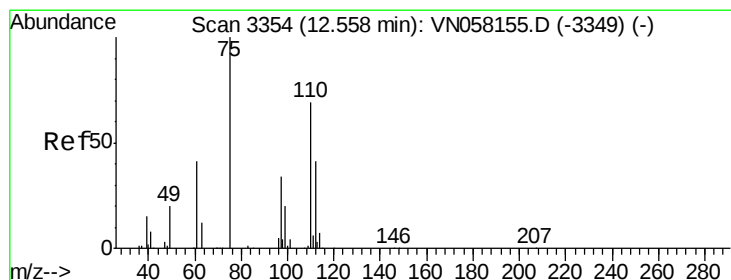
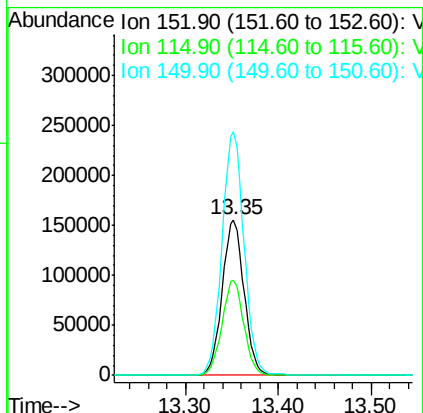
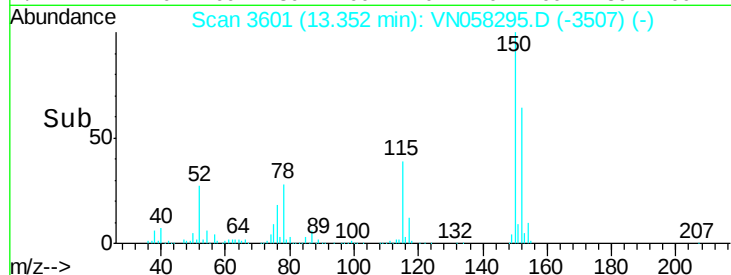
150 157.1 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 37.119 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058295.D

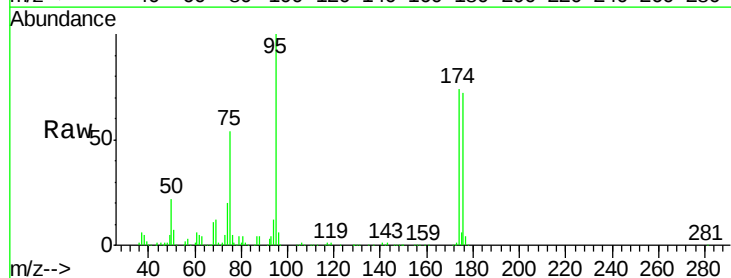
Acq: 23 Sep 2019 16:14

Tgt Ion: 75 Resp: 169262

Ion Ratio Lower Upper

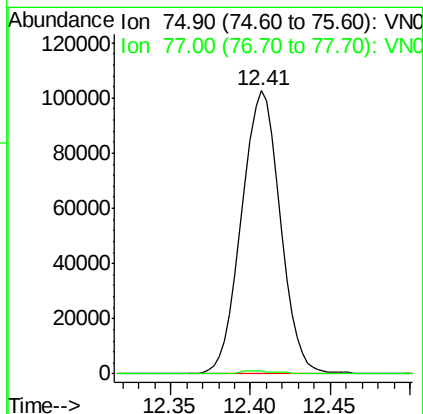
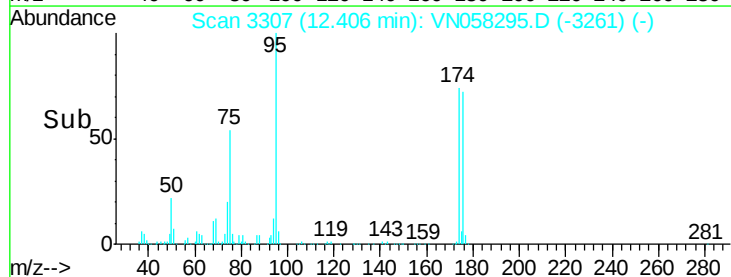
75 100

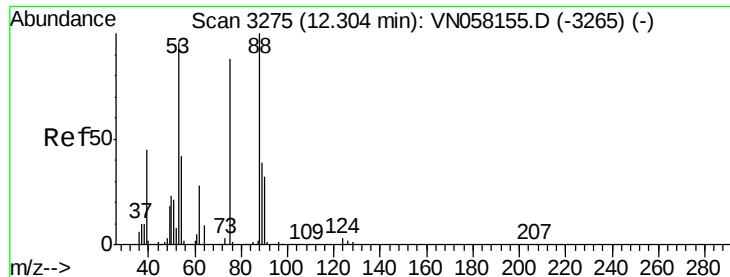
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 103.484 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058295.D

Acq: 23 Sep 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20190918

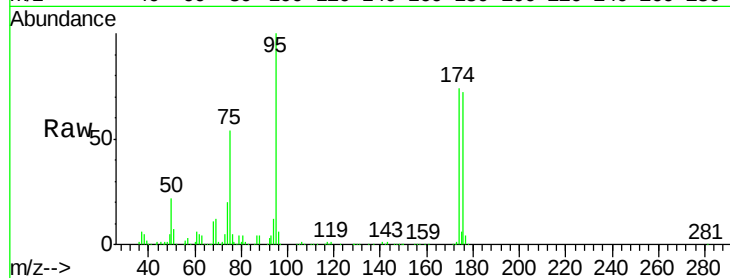
Tot Ion: 75 Resp: 169262

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

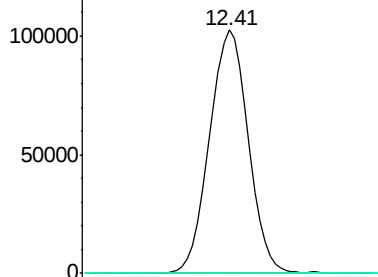
89 0.0 36.2 54.2#



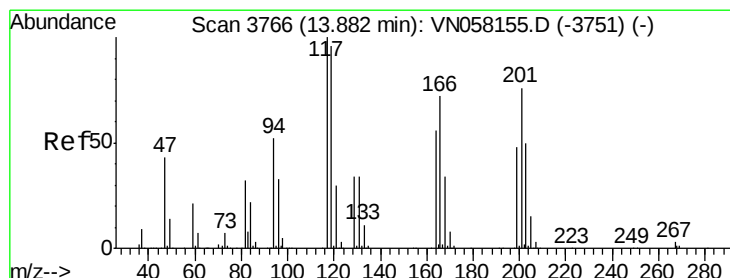
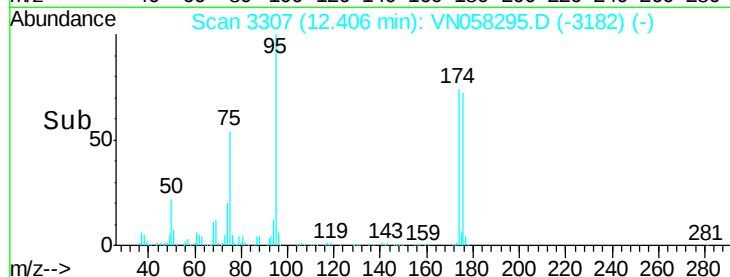
Abundance Ion 74.90 (74.60 to 75.60): VN058295.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN058295.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN058295.D (-3307) (-)



Time-->



#90

Hexachloroethane

Concen: 2.846 ug/l

RT: 13.93 min Scan# 3782

Delta R.T. 0.05 min

Lab File: VN058295.D

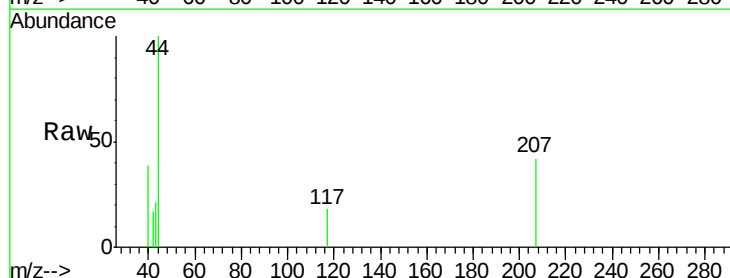
Acq: 23 Sep 2019 16:14

Tgt Ion: 117 Resp: 61

Ion Ratio Lower Upper

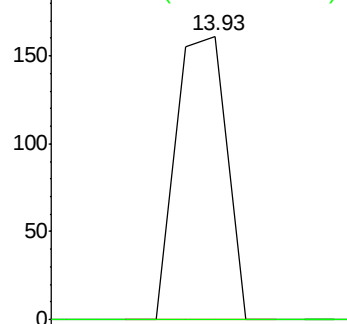
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): VN058295.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN058295.D (-3766) (-)



Time-->

