

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058294.D
 Acq On : 23 Sep 2019 15:51
 Operator : JC/SP
 Sample : K4975-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Quant Time: Sep 24 01:33:37 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	490079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	796496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	368233	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	7.58	113	247710	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.09	98	1009969	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.41	95	309396	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1368	Below Cal	#	46
4) Vinyl Chloride	2.16	62	69	Below Cal	#	43
5) Bromomethane	2.56	94	444	0.966	ug/l	97
6) Chloroethane	2.69	64	76	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	3.74	101	12617	3.185	ug/l	97
12) 1,1-Dichloroethene	3.72	96	8071	2.345	ug/l	99
13) Acrolein	3.60	56	30	0.249	ug/l #	15
16) Acetone	3.80	43	6295	2.717	ug/l	92
17) Carbon Disulfide	4.03	76	1487	0.620	ug/l #	74
18) Methyl Acetate	4.31	43	1285	0.211	ug/l #	53
20) Methylene Chloride	4.53	84	637	Below Cal	#	53
21) trans-1,2-Dichloroethene	5.16	96	71	Below Cal	#	1
24) 1,1-Dichloroethane	5.83	63	3963	0.451	ug/l #	85
27) cis-1,2-Dichloroethene	6.82	96	5977	1.203	ug/l	91
30) Chloroform	7.36	83	5424	0.573	ug/l	97
31) Cyclohexane	7.65	56	13013	Below Cal	#	11
36) 1,1-Dichloropropene	7.65	75	42843	7.459	ug/l #	50
38) Carbon Tetrachloride	7.76	117	5735	0.993	ug/l #	89
39) Methylcyclohexane	8.83	83	8054	1.519	ug/l #	1
41) Methacrylonitrile	7.20	41	32	0.921	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1927	0.262	ug/l #	78
43) Isopropyl Acetate	8.22	43	4745	0.426	ug/l #	57
44) Trichloroethene	8.83	130	566985	132.066	ug/l	99
49) 1,4-Dioxane	9.20	88	280	3.374	ug/l #	44
55) 1,1,2-Trichloroethane	10.56	97	3767	0.772	ug/l #	88
64) Tetrachloroethene	10.63	164	782	0.237	ug/l #	77
71) Bromoform	12.41	173	256	3.669	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	172398	37.021	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	172398	103.228	ug/l #	5
95) Naphthalene	15.14	128	5608	0.451	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1084	0.239	ug/l	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058294.D

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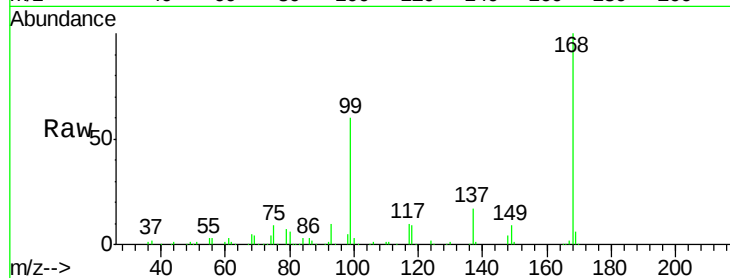
RE139D1-20190918

Tot Ion:168 Resp: 490079

Ion Ratio Lower Upper

168 100

99 59.8 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

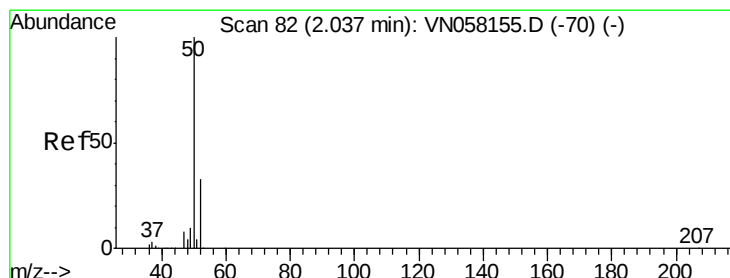
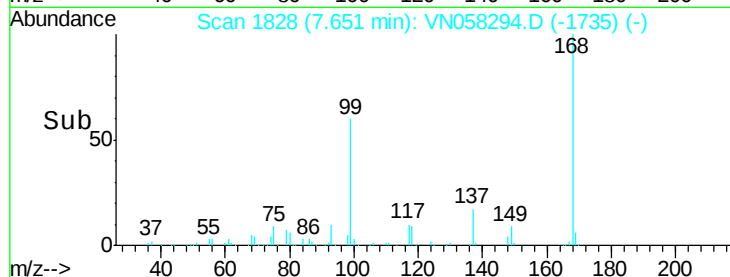
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058294.D

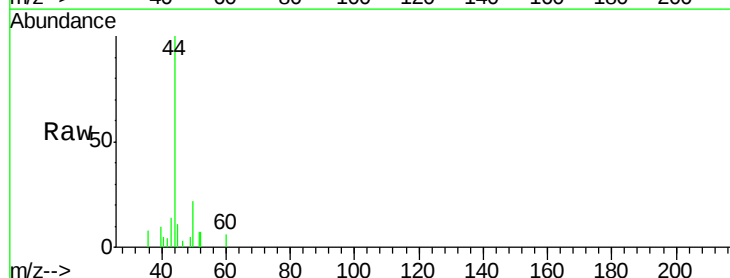
Acq: 23 Sep 2019 15:51

Tgt Ion: 50 Resp: 1368

Ion Ratio Lower Upper

50 100

52 63.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1000

800

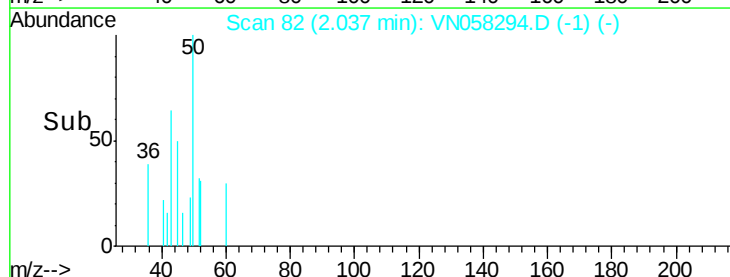
600

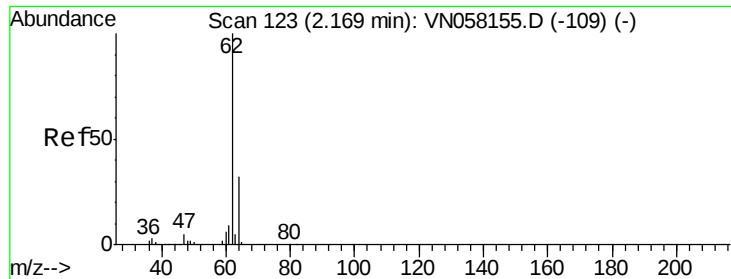
400

200

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.16 min Scan# 120

Delta R.T. -0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

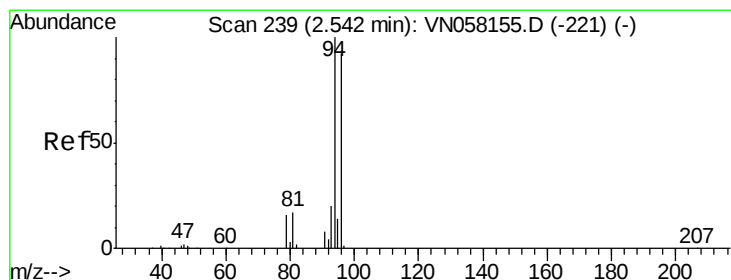
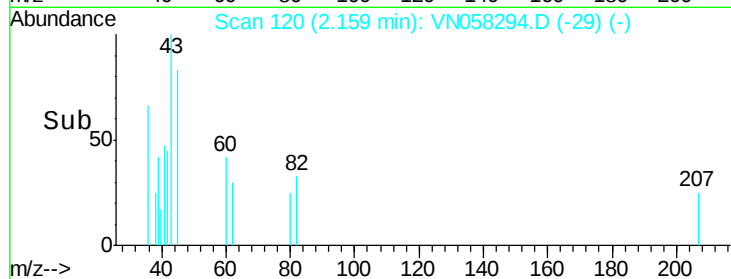
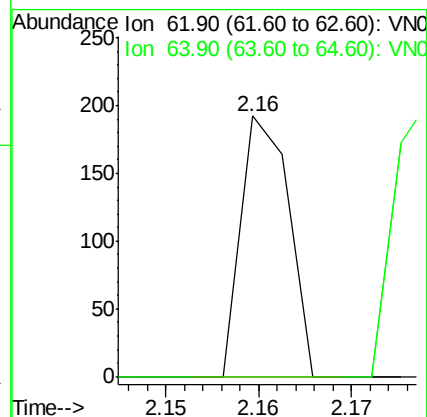
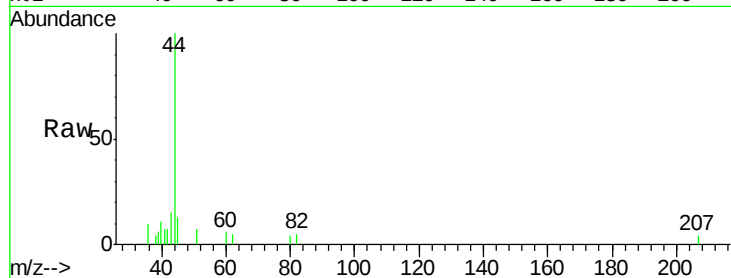
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Tot Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.2#



#5

Bromomethane

Concen: 0.966 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058294.D

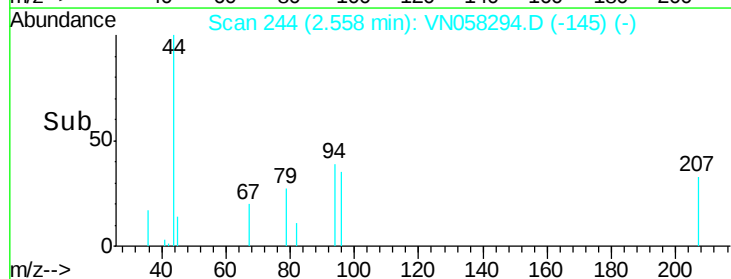
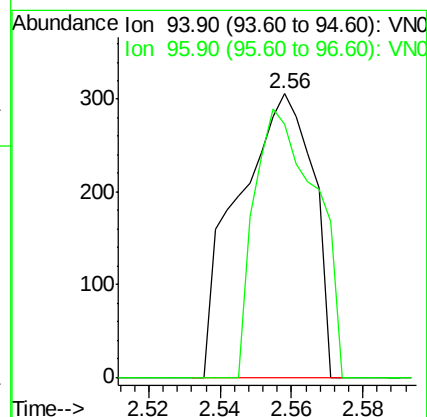
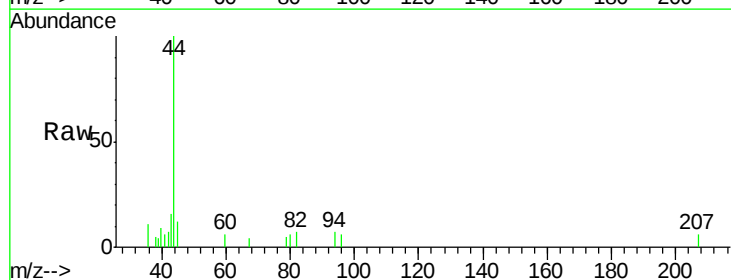
Acq: 23 Sep 2019 15:51

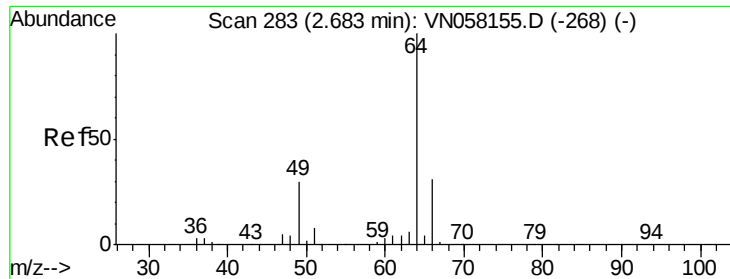
Tgt Ion: 94 Resp: 444

Ion Ratio Lower Upper

94 100

96 89.2 73.3 109.9





#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

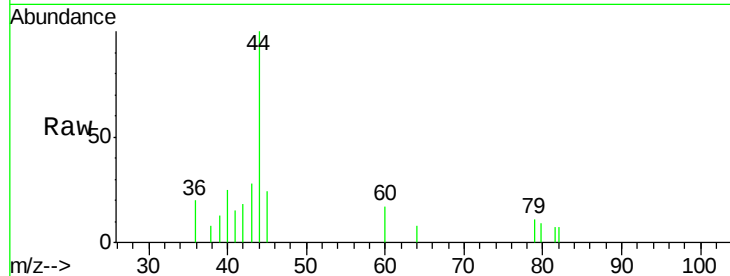
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Tot Ion: 64 Resp: 76

Ion Ratio Lower Upper

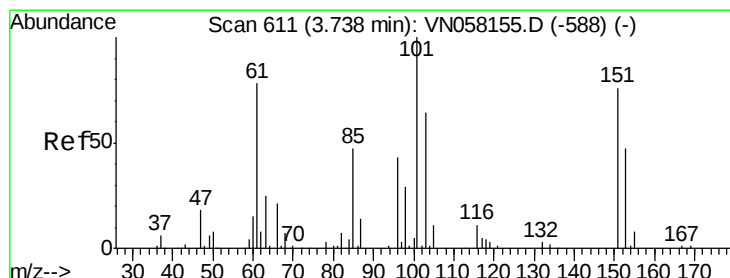
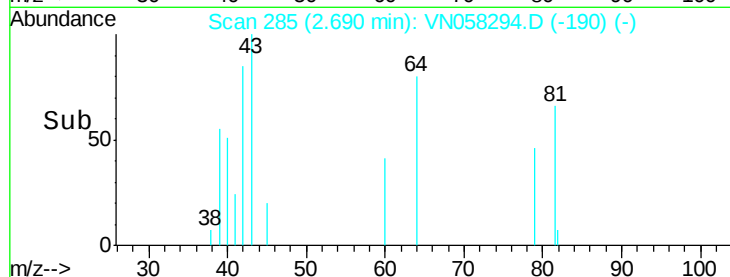
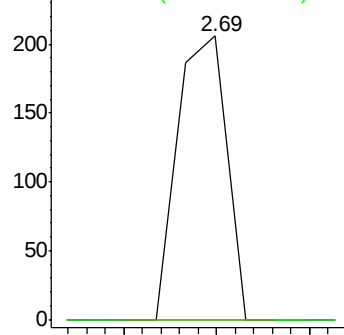
64 100

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



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.185 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

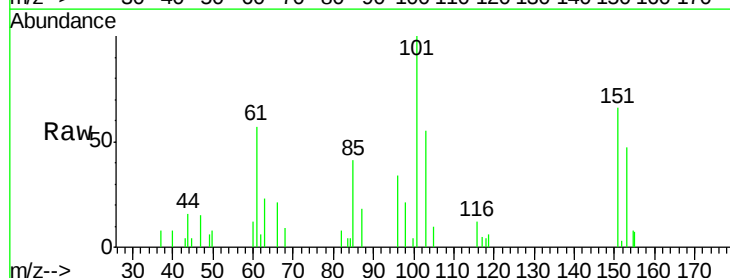
Tgt Ion:101 Resp: 12617

Ion Ratio Lower Upper

101 100

85 48.6 37.3 55.9

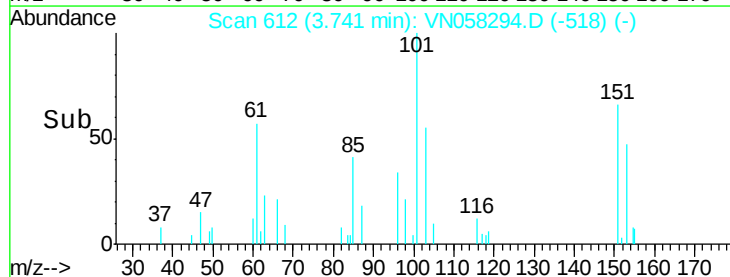
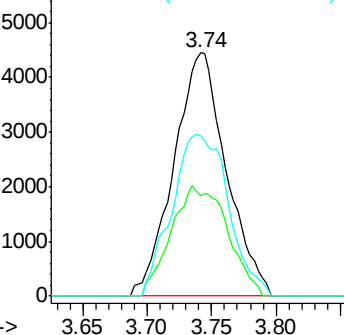
151 71.5 59.6 89.4

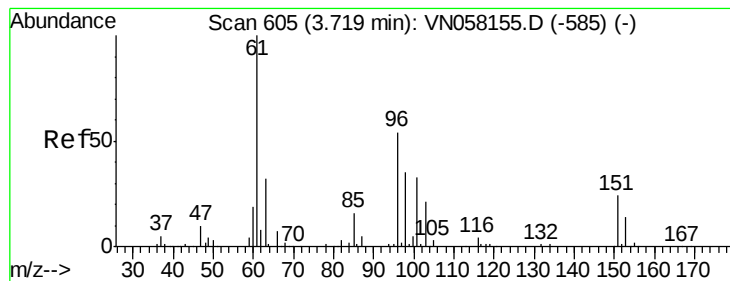


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 2.345 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

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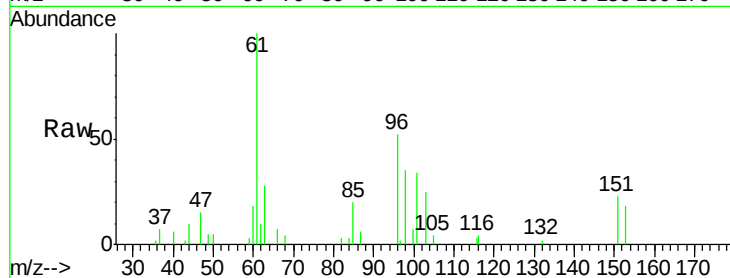
Tot Ion: 96 Resp: 8071

Ion Ratio Lower Upper

96 100

61 184.8 149.5 224.3

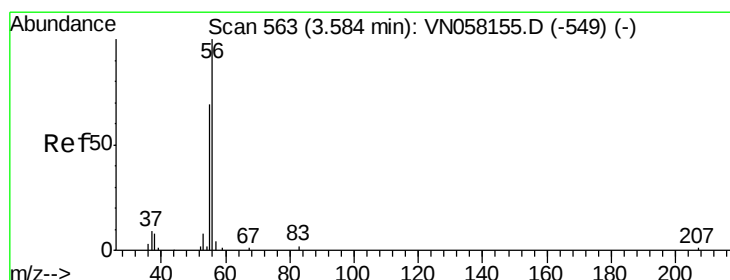
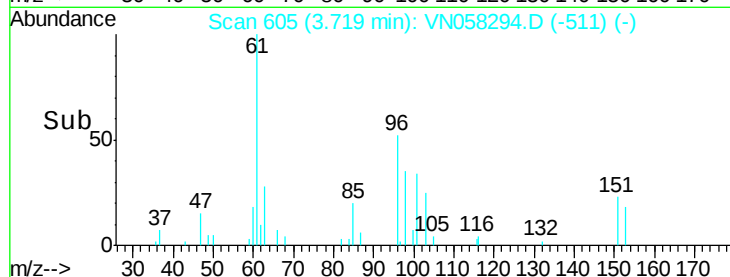
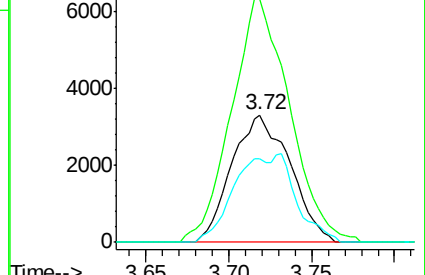
98 66.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 0.249 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.02 min

Lab File: VN058294.D

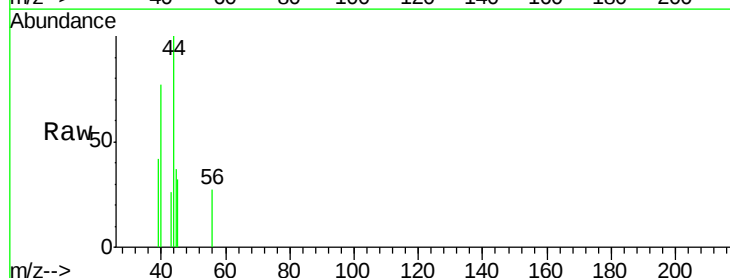
Acq: 23 Sep 2019 15:51

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

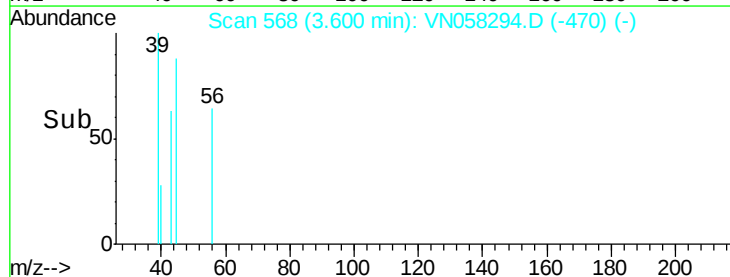
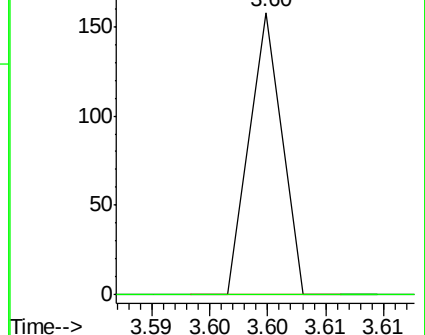
56 100

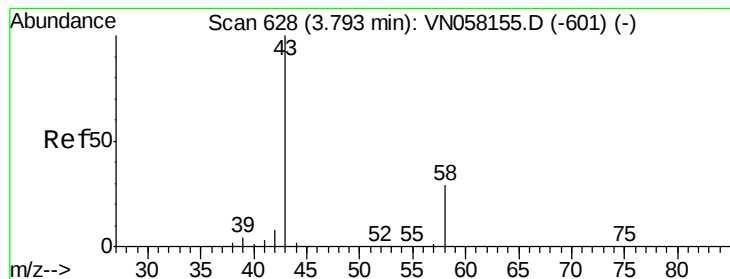
55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 2.717 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

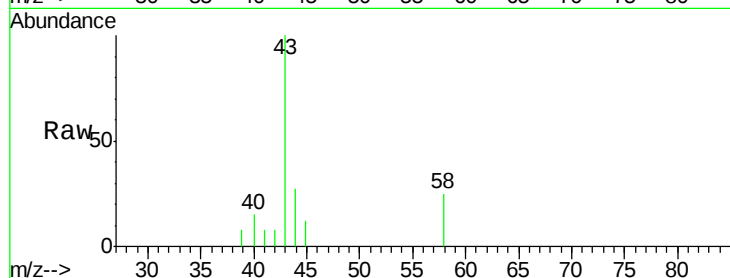
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Tot Ion: 43 Resp: 6295

Ion Ratio Lower Upper

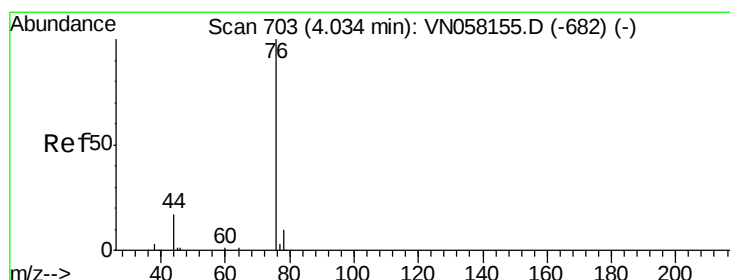
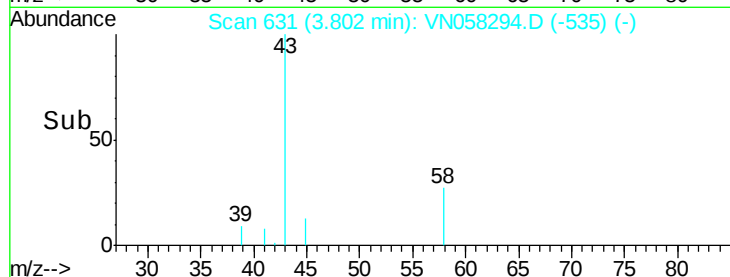
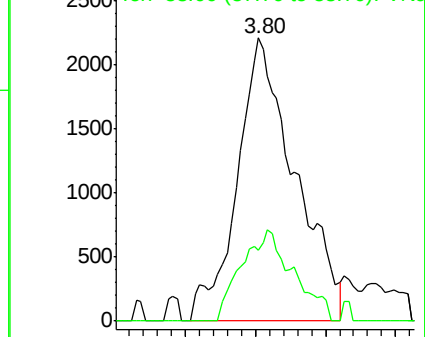
43 100

58 25.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.620 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058294.D

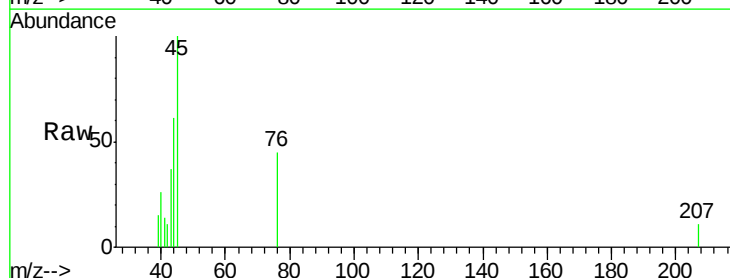
Acq: 23 Sep 2019 15:51

Tgt Ion: 76 Resp: 1487

Ion Ratio Lower Upper

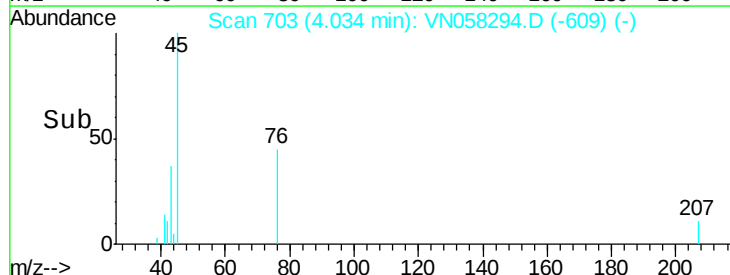
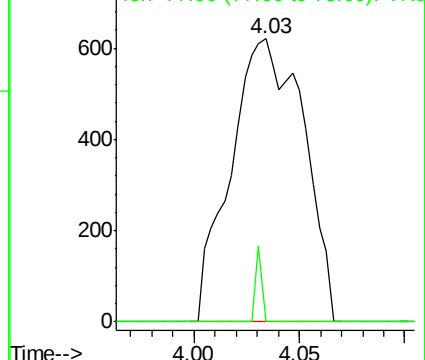
76 100

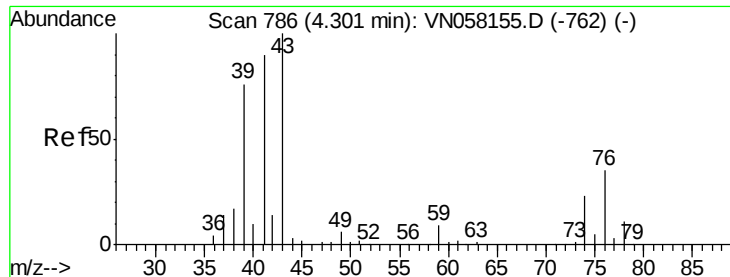
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

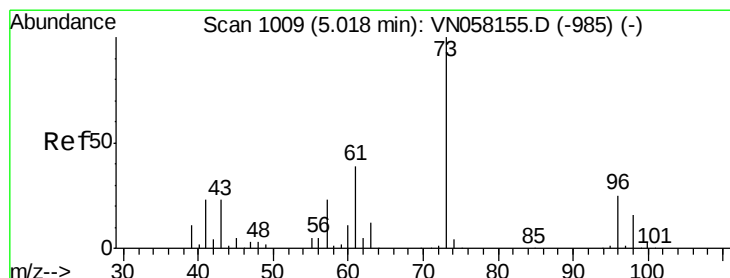
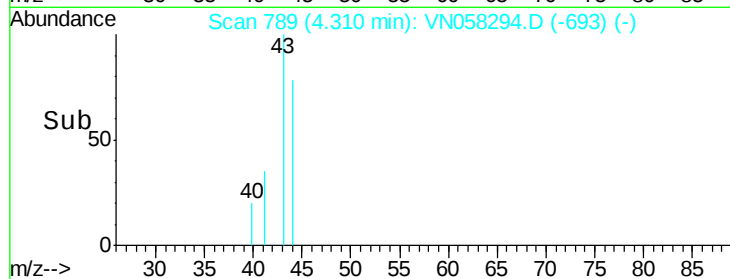
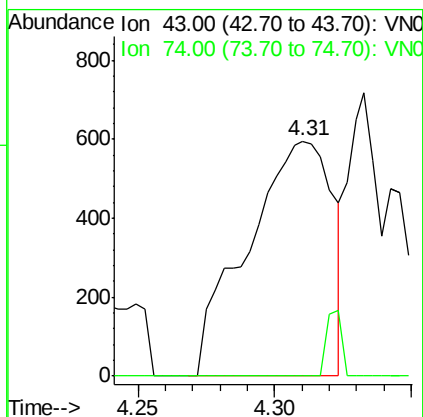
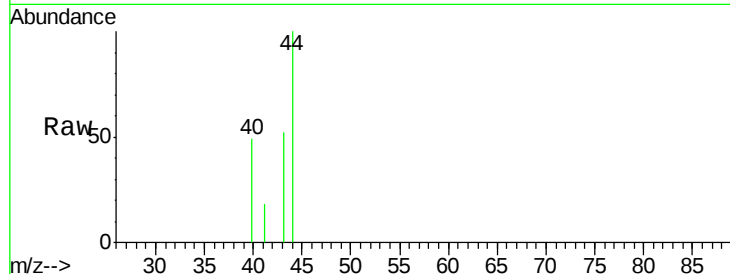




#18
Methvl Acetate
Concen: 0.211 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

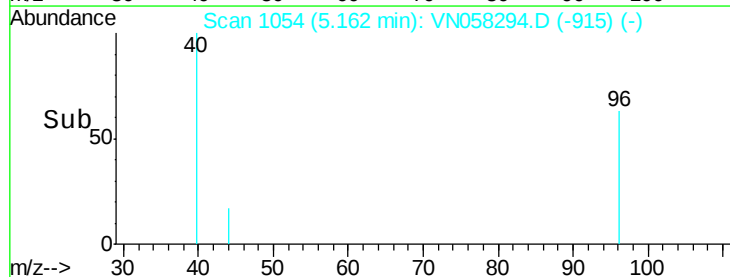
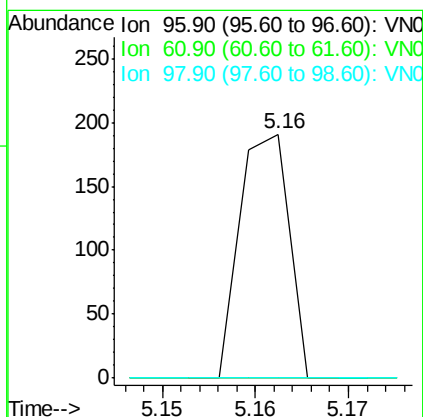
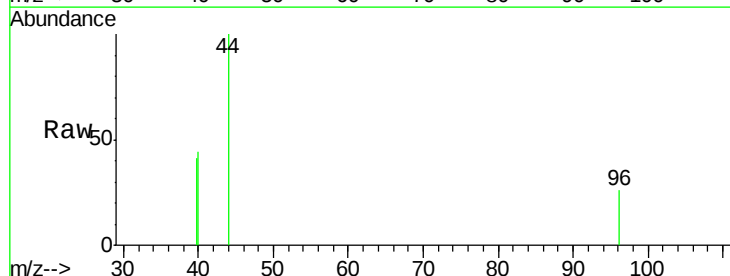
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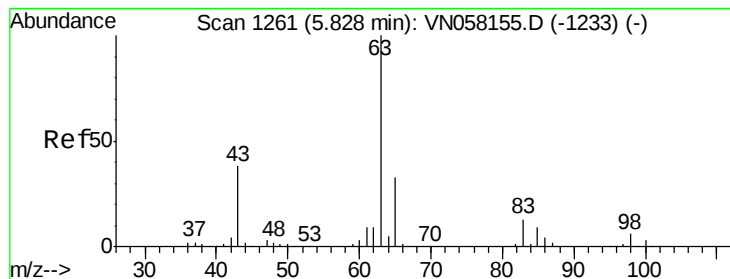
Tot Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.16 min Scan# 1054
Delta R.T. 0.15 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 0.0 122.2 183.4#
98 0.0 49.9 74.9#





#24

1,1-Dichloroethane

Concen: 0.451 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

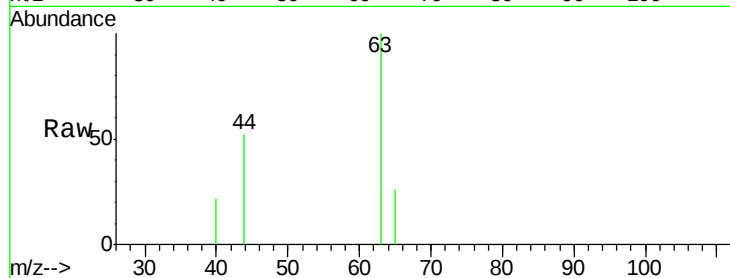
Tot Ion: 63 Resp: 3963

Ion Ratio Lower Upper

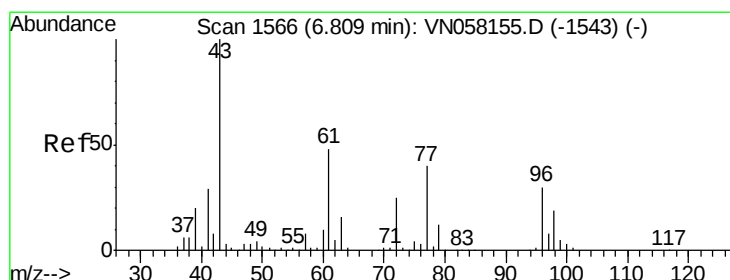
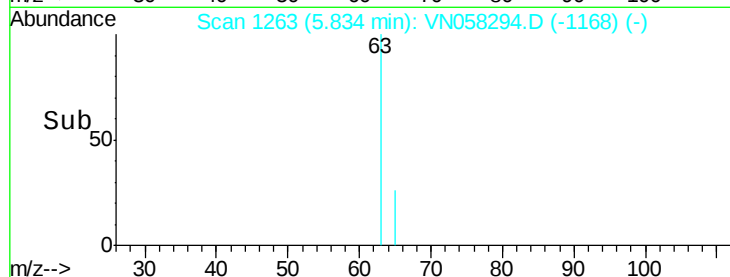
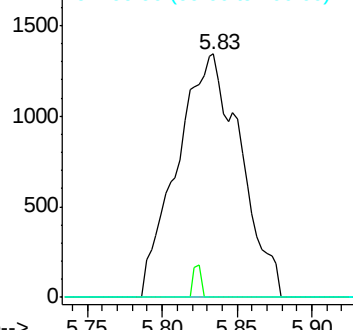
63 100

98 0.0 2.9 8.6#

100 0.0 1.8 5.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 1.203 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

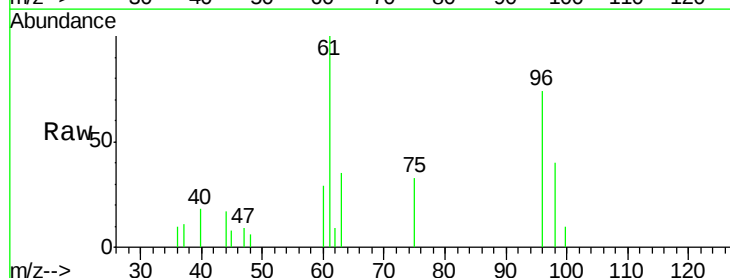
Tgt Ion: 96 Resp: 5977

Ion Ratio Lower Upper

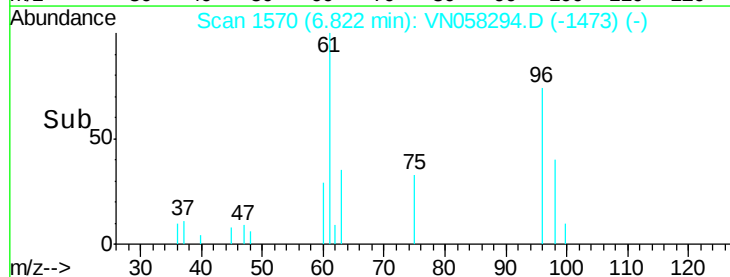
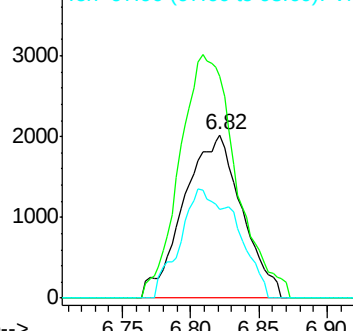
96 100

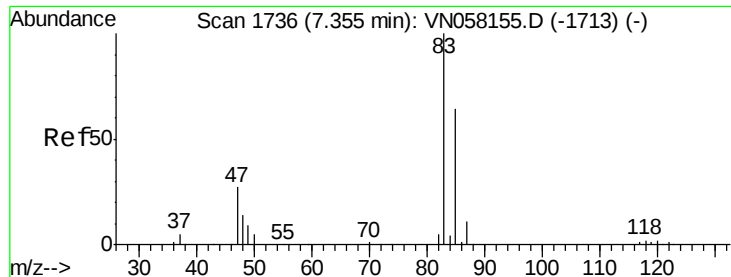
61 144.7 0.0 319.0

98 65.6 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

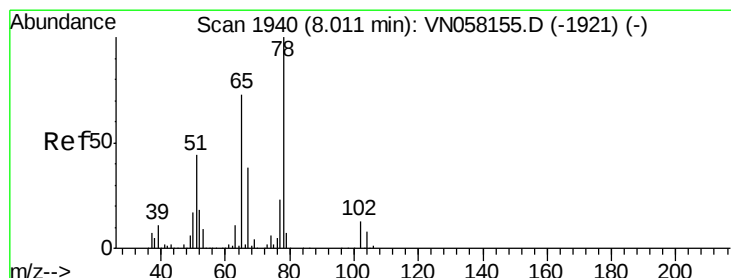
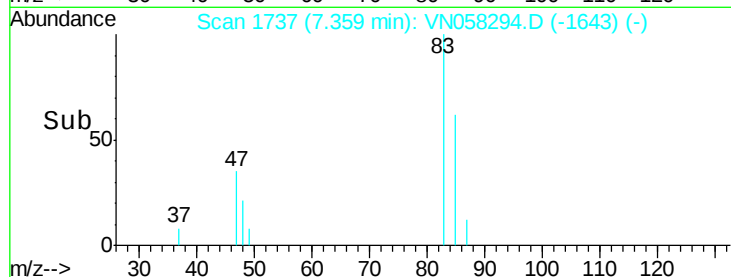
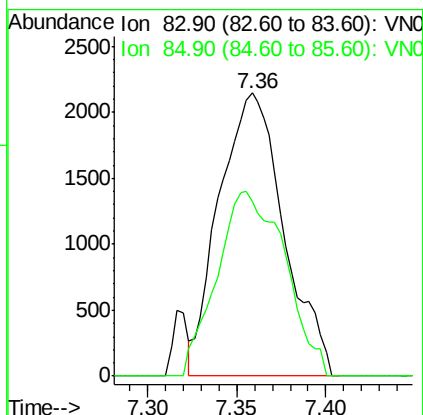
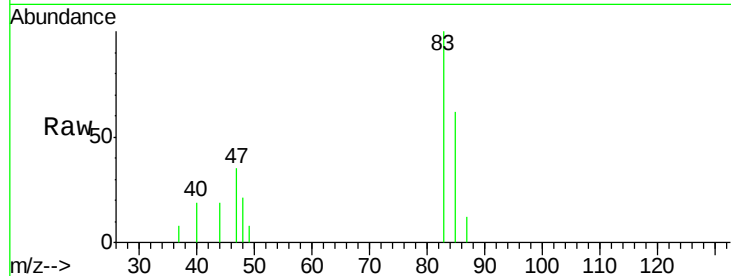




#30
Chloroform
Concen: 0.573 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

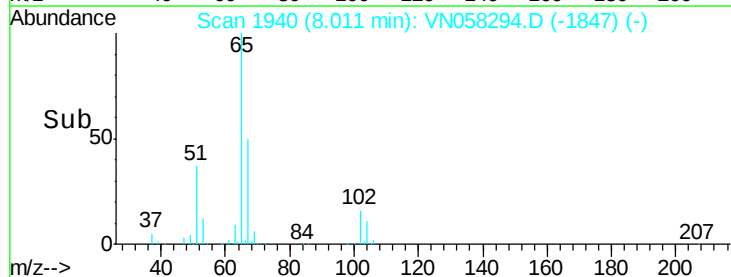
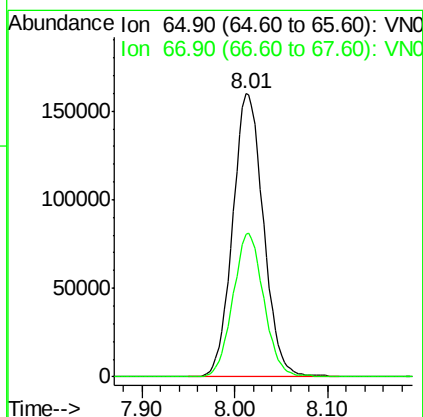
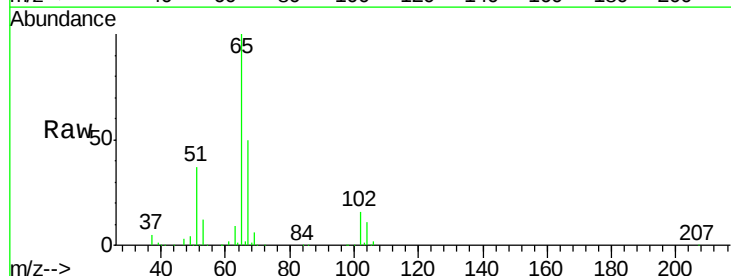
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

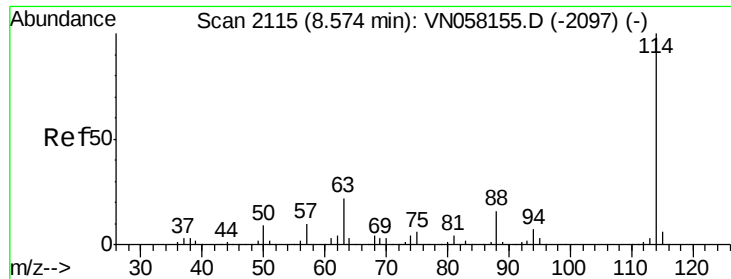
Tot Ion: 83 Resp: 5424
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 53.947 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion: 65 Resp: 368233
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

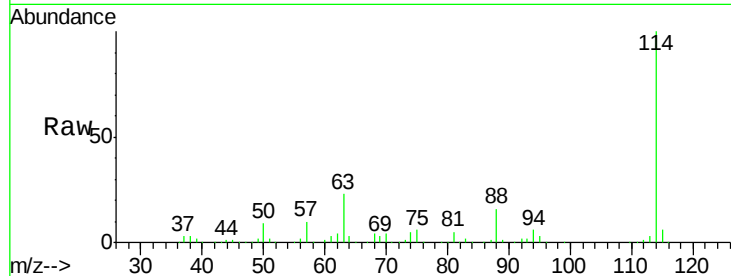




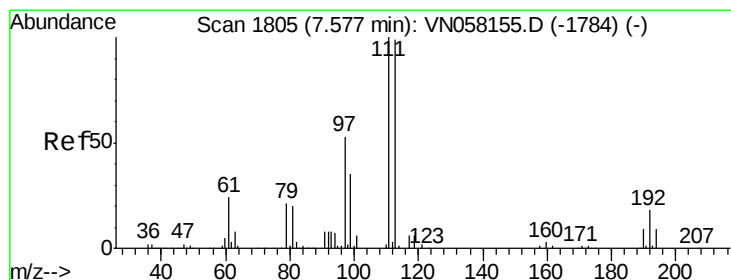
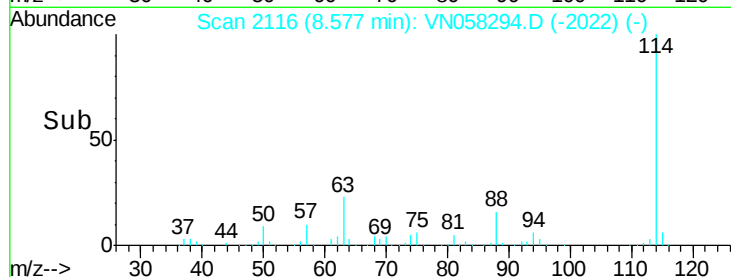
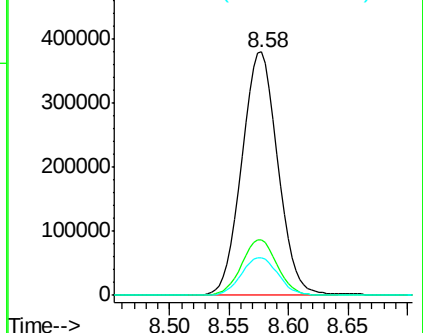
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.2
88	15.7	0.0	31.6

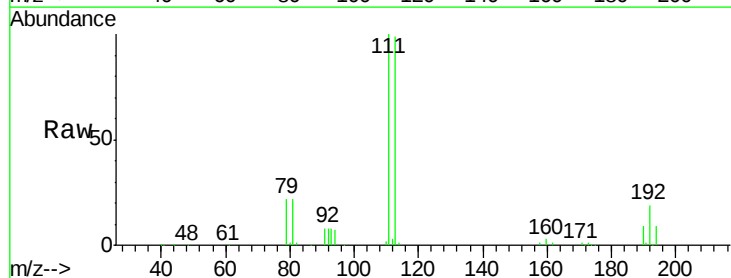


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

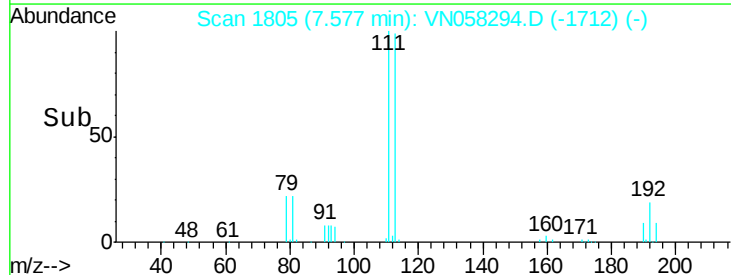
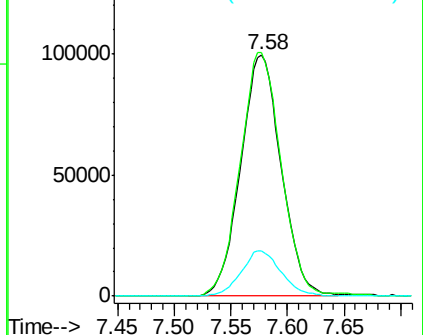


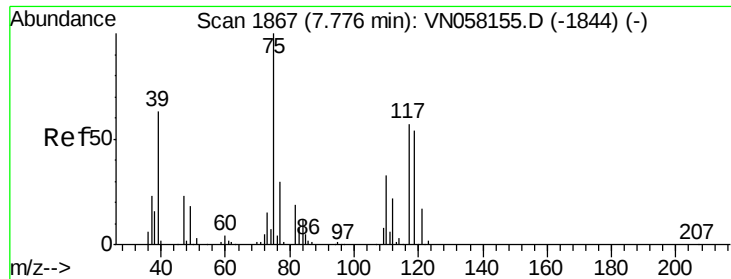
#35
 Dibromofluoromethane
 Concen: 51.158 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	18.6	14.5	21.7



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

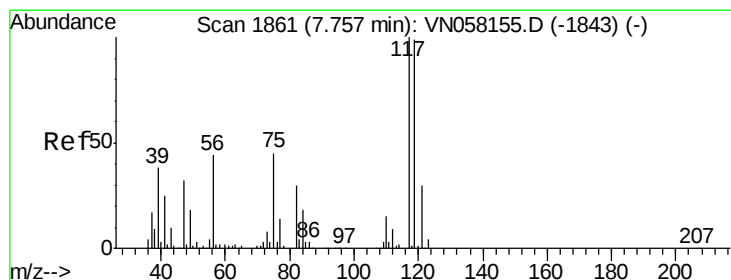
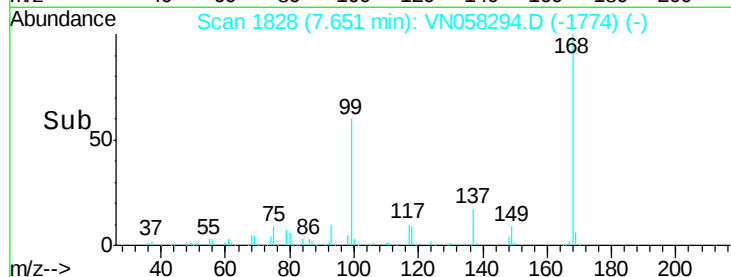
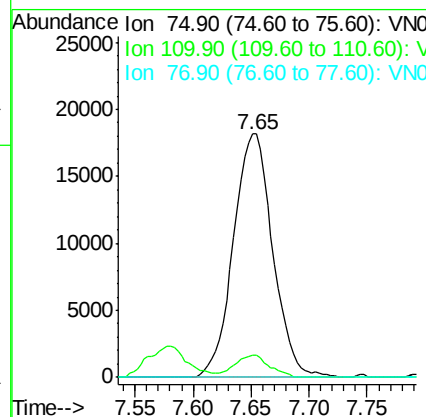
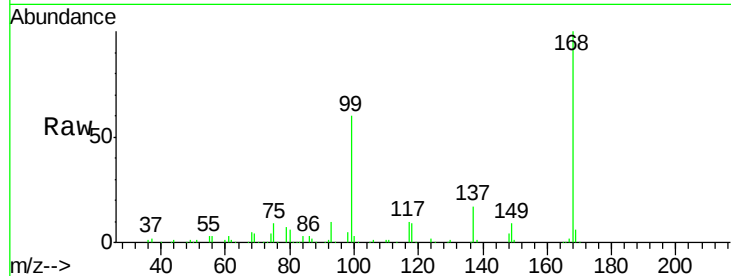




#36
 1,1-Dichloropropene
 Concen: 7.459 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

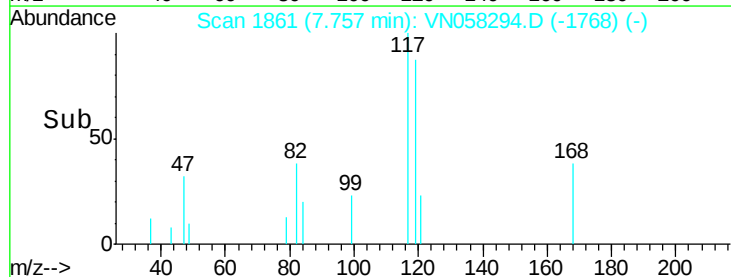
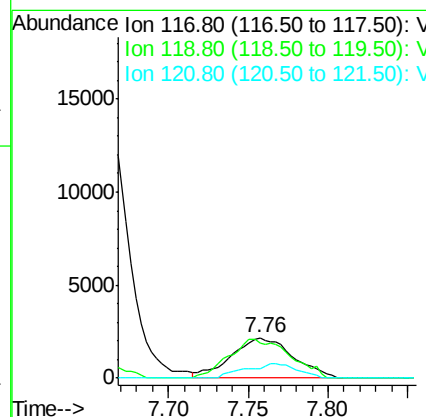
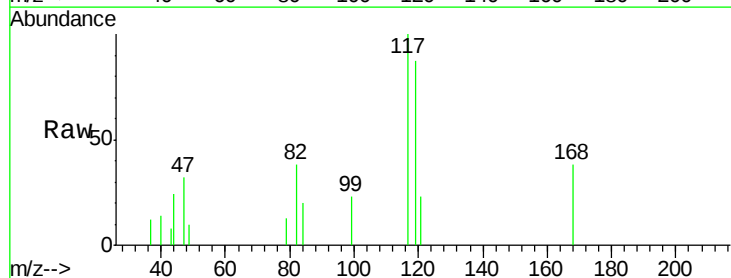
Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

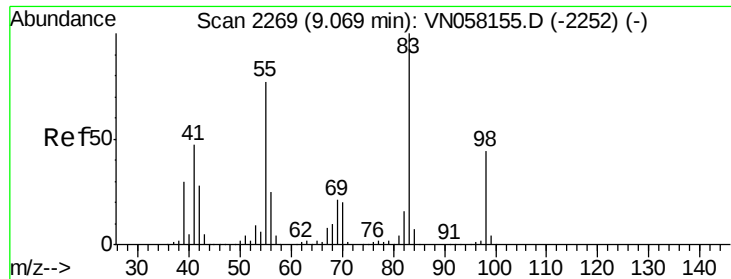
Tot Ion: 75 Resp: 42843
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.6 49.7#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 0.993 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Tgt Ion: 117 Resp: 5735
 Ion Ratio Lower Upper
 117 100
 119 87.1 78.6 117.8
 121 23.3 24.1 36.1#

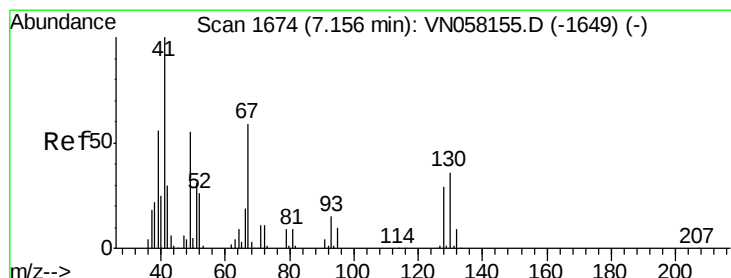
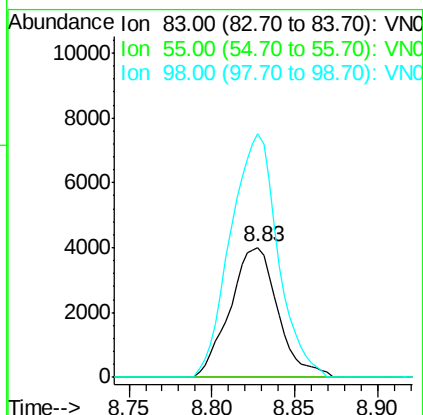
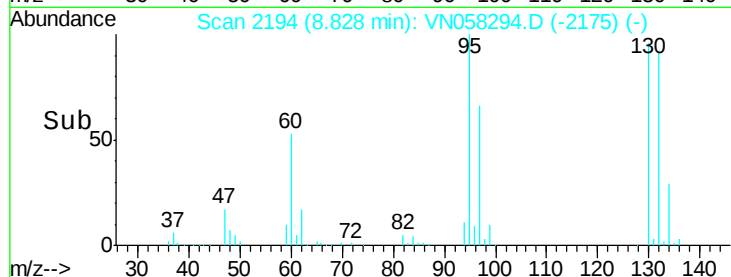
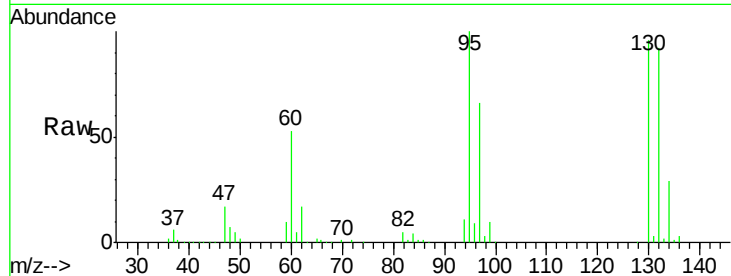




#39
Methvlcvclohexane
Concen: 1.519 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. -0.24 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

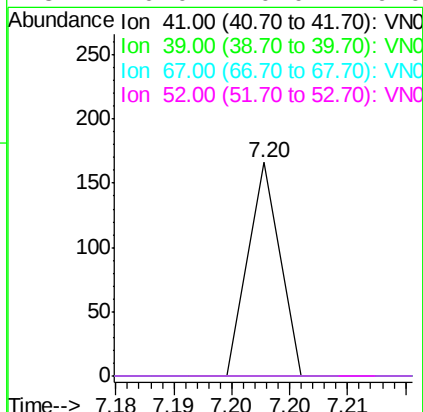
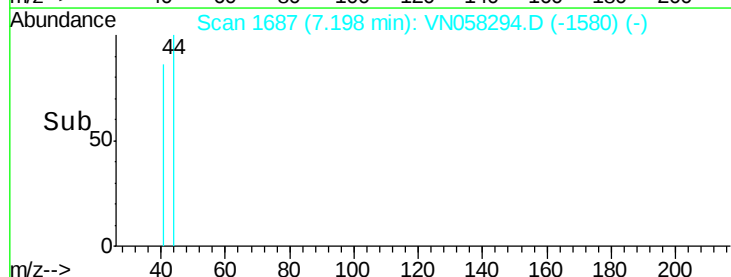
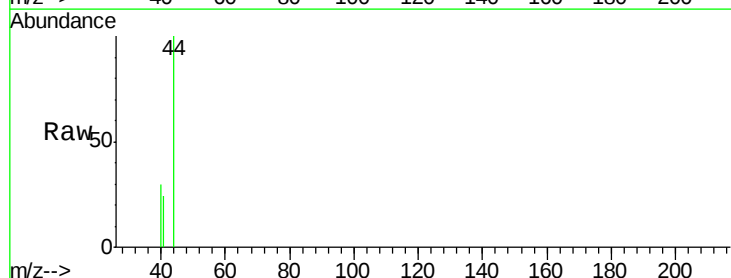
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

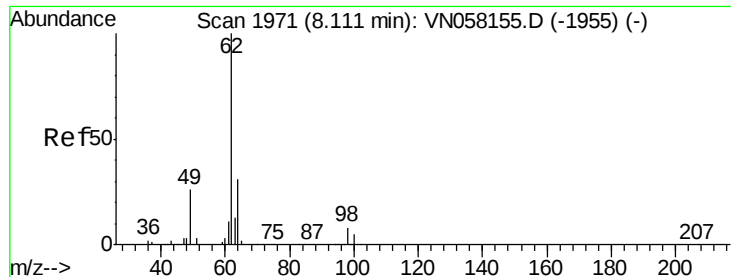
Tot Ion: 83 Resp: 8054
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 186.9 35.4 53.2#



#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion: 41 Resp: 32
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 0.262 ug/l

RT: 8.12 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

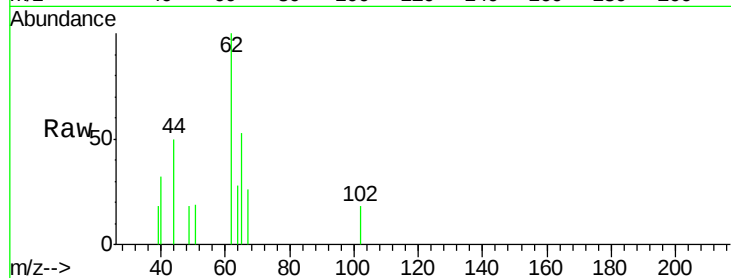
RE139D1-20190918

Tot Ion: 62 Resp: 1927

Ion Ratio Lower Upper

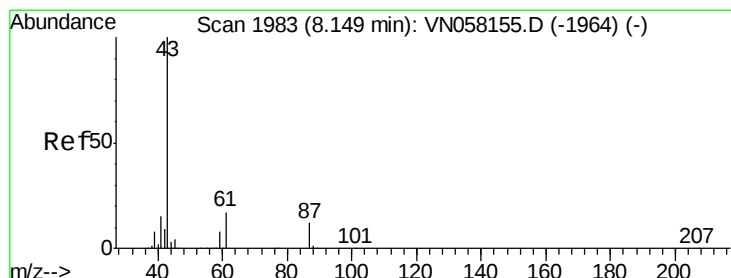
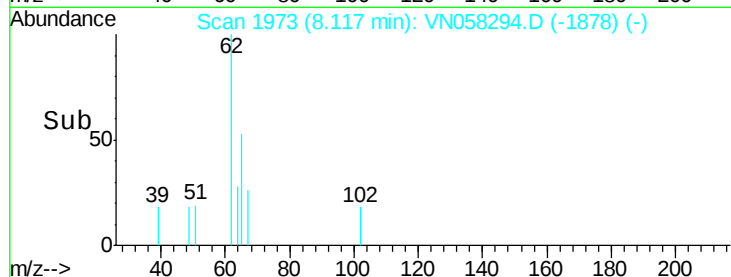
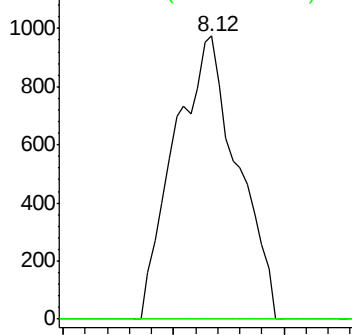
62 100

98 0.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 0.426 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.07 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

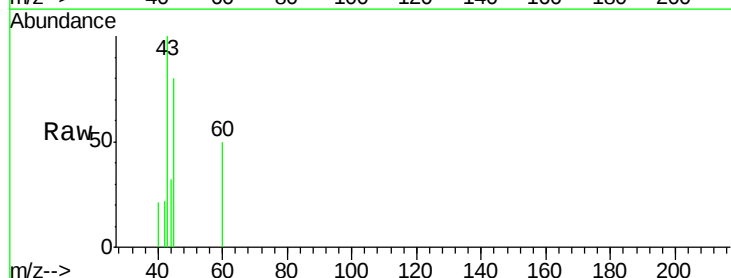
Tgt Ion: 43 Resp: 4745

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

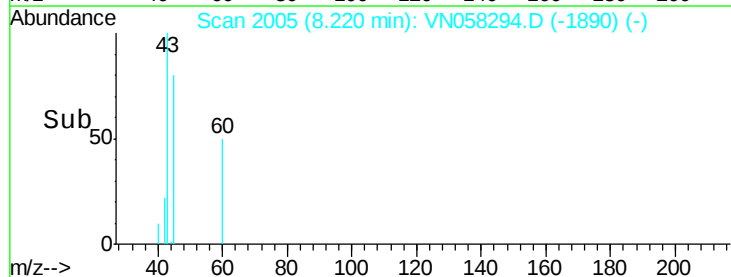
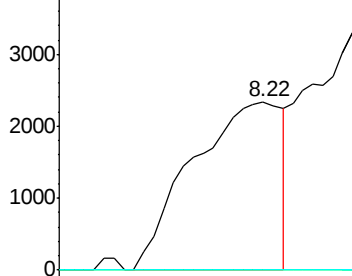
87 0.0 9.4 14.2#

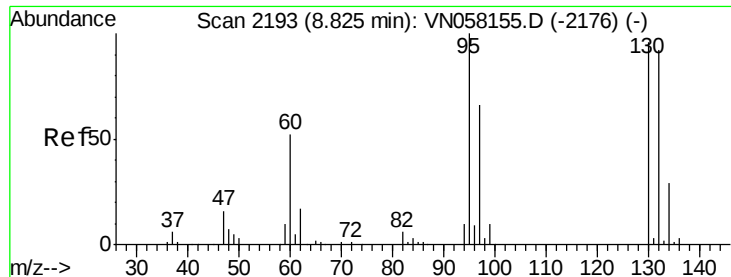


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

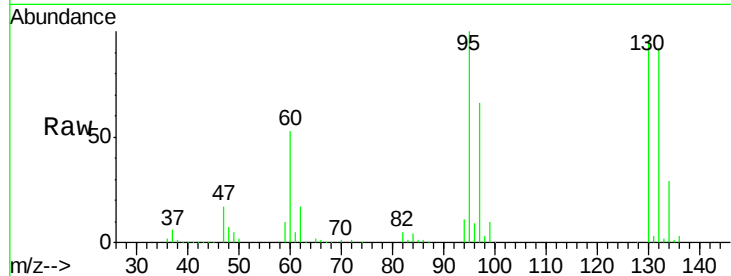




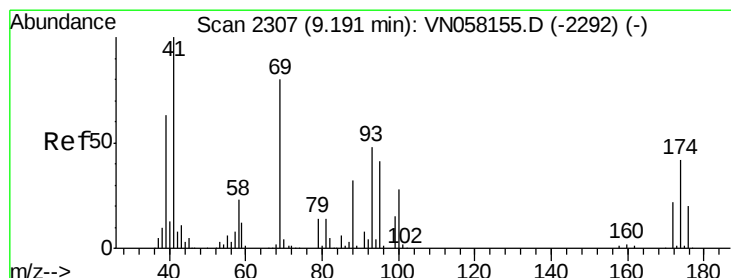
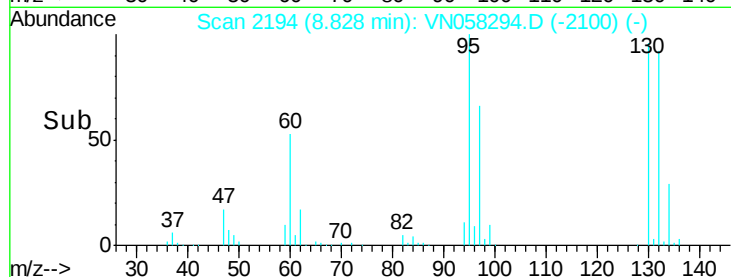
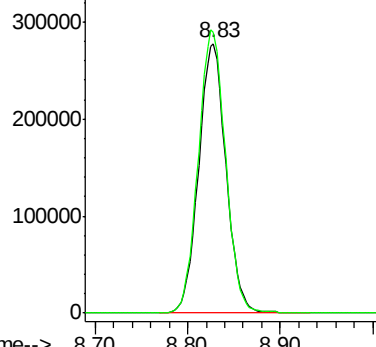
#44
 Trichloroethene
 Concen: 132.066 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20190918

Tot Ion:130 Resp: 566985
 Ion Ratio Lower Upper
 130 100
 95 104.4 0.0 207.8

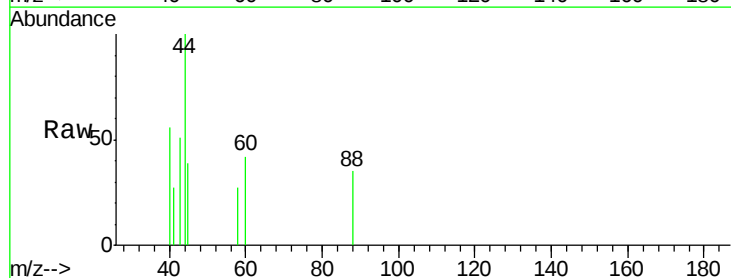


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

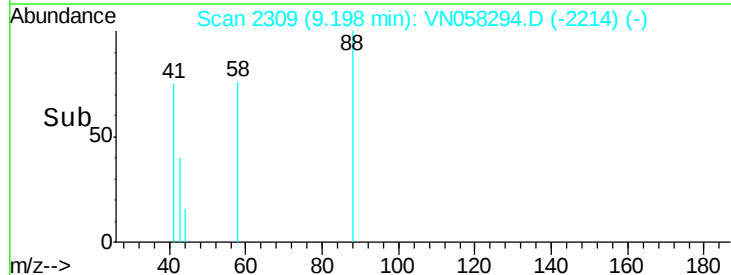
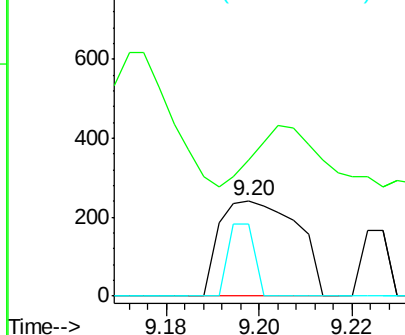


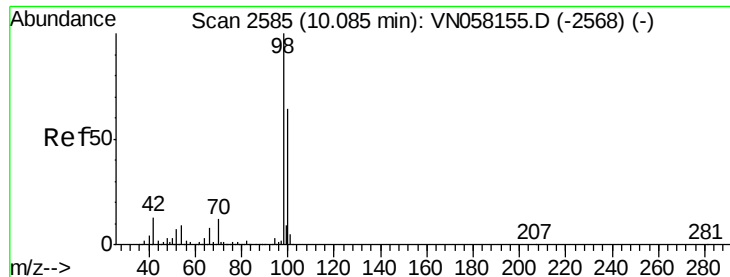
#49
 1,4-Dioxane
 Concen: 3.374 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: VN058294.D
 Acq: 23 Sep 2019 15:51

Tgt Ion: 88 Resp: 280
 Ion Ratio Lower Upper
 88 100
 43 70.4 27.8 41.8#
 58 25.0 55.0 82.4#



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





#50

Toluene-d8

Concen: 53.535 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

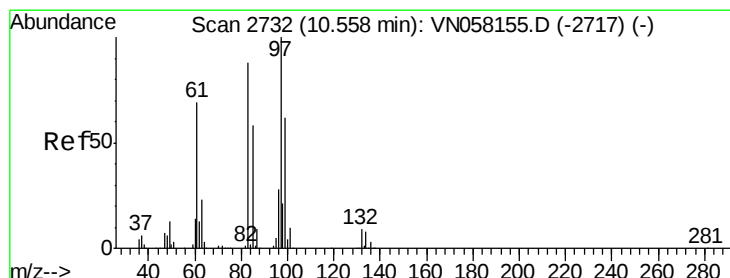
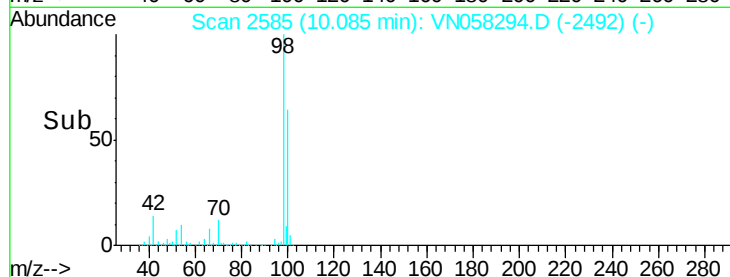
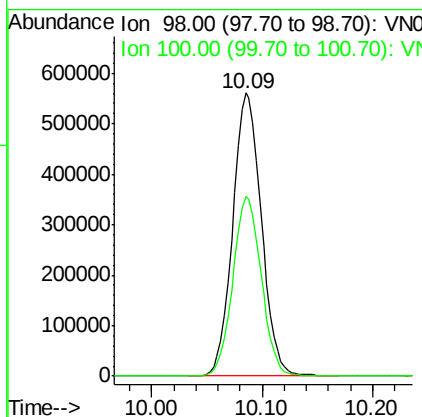
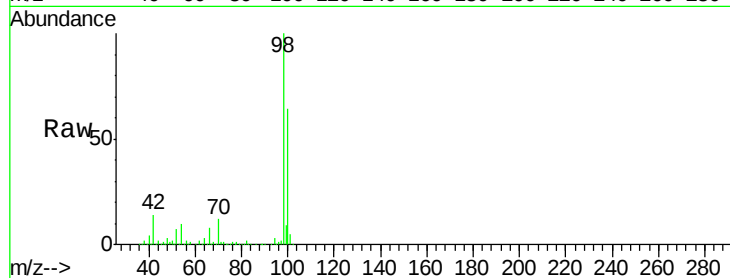
RE139D1-20190918

Tot Ion: 98 Resp: 1009969

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#55

1,1,2-Trichloroethane

Concen: 0.772 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Tgt Ion: 97 Resp: 3767

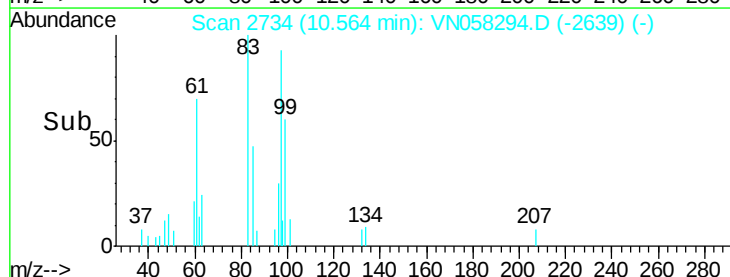
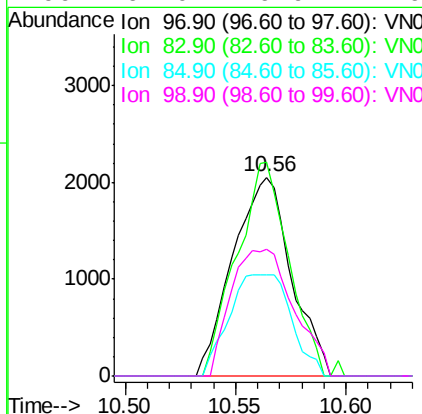
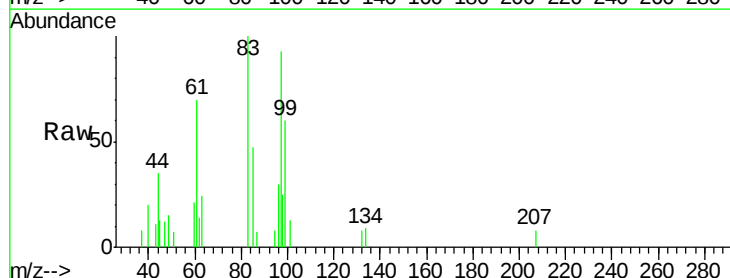
Ion Ratio Lower Upper

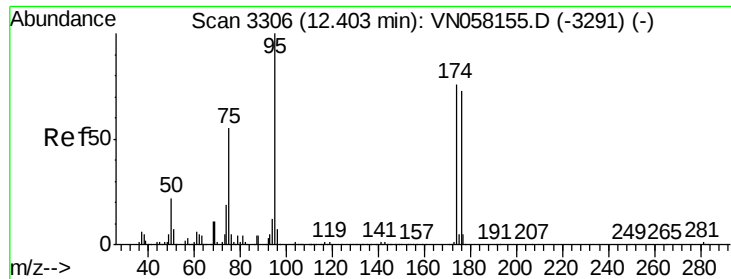
97 100

83 107.5 70.4 105.6#

85 51.0 46.8 70.2

99 64.0 49.9 74.9





#62

4-Bromofluorobenzene

Concen: 44.150 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

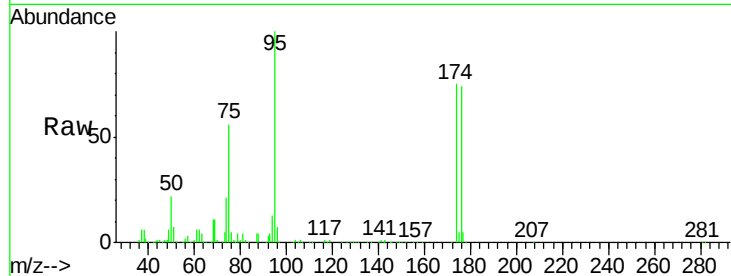
Tot Ion: 95 Resp: 309396

Ion Ratio Lower Upper

95 100

174 75.7 0.0 152.2

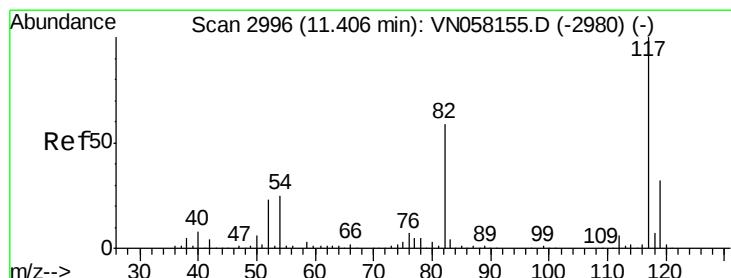
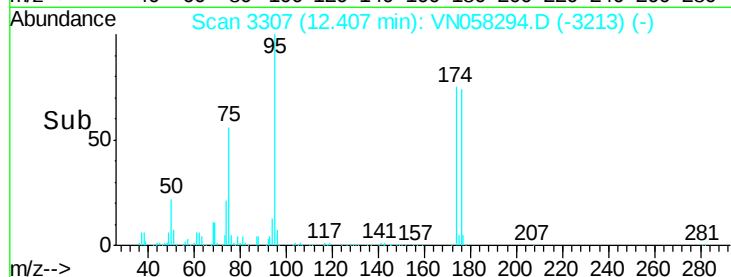
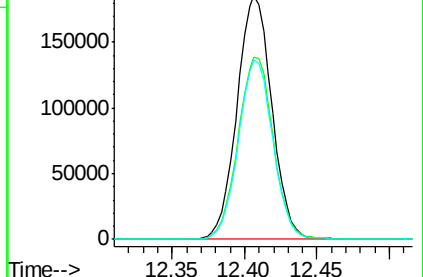
176 73.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

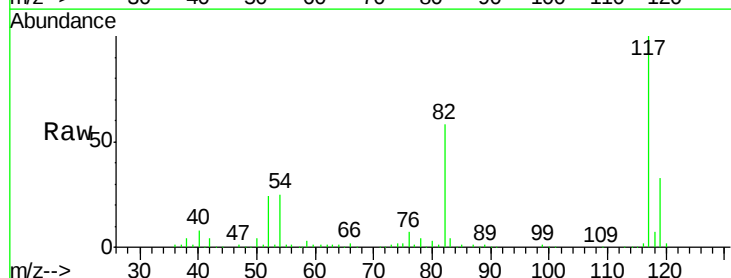
Tgt Ion: 117 Resp: 675910

Ion Ratio Lower Upper

117 100

82 58.2 46.9 70.3

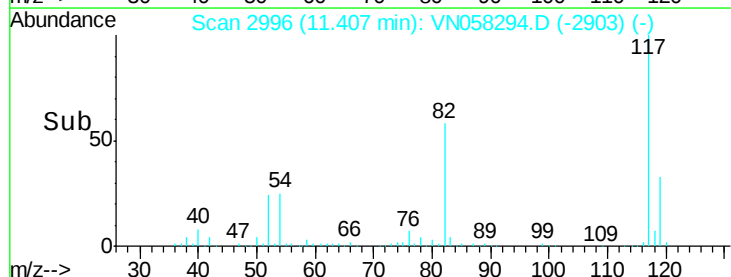
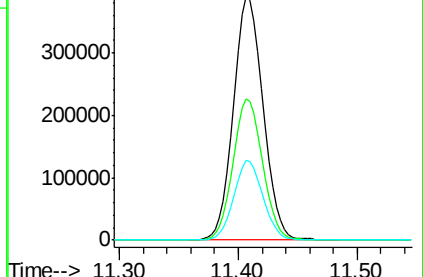
119 32.5 25.3 37.9

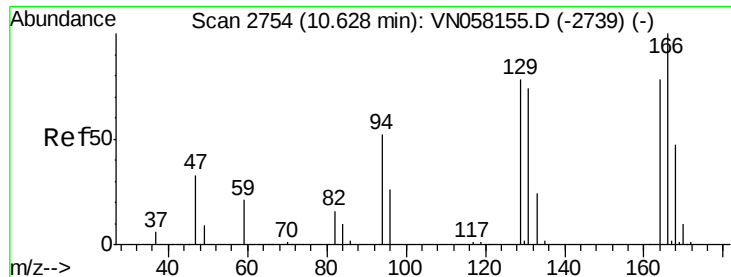


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#64

Tetrachloroethene

Concen: 0.237 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

Tot Ion:164 Resp: 782

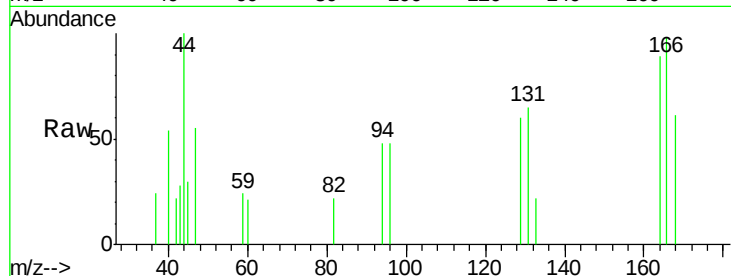
Ion Ratio Lower Upper

164 100

166 110.0 102.2 153.4

129 67.2 79.6 119.4#

131 73.2 76.0 114.0#

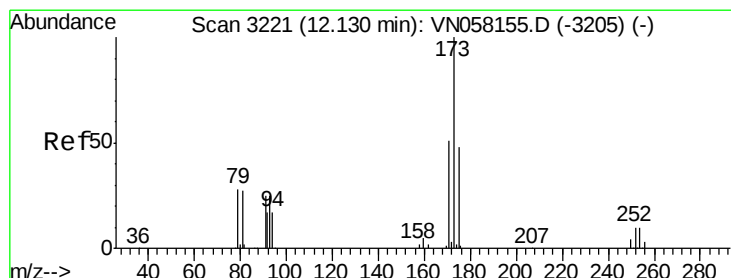
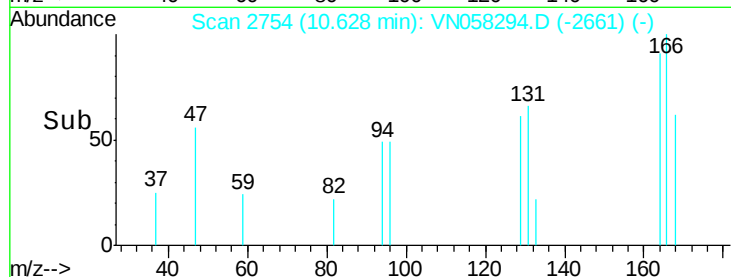
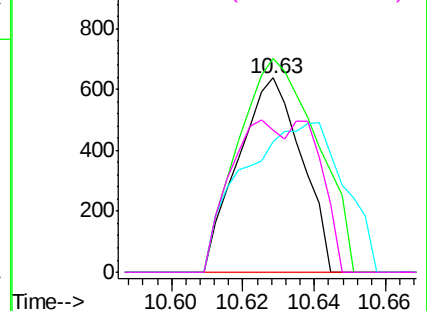


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 3.669 ug/l

RT: 12.41 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

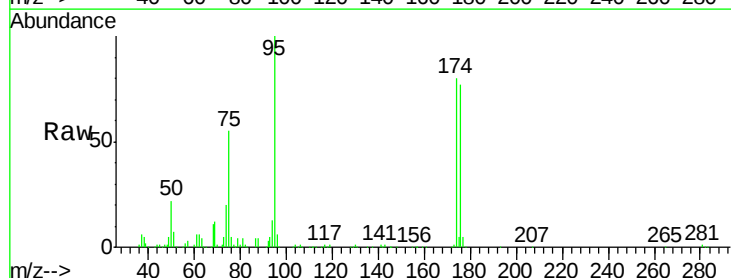
Tgt Ion:173 Resp: 256

Ion Ratio Lower Upper

173 100

175 5342.6 24.2 72.6#

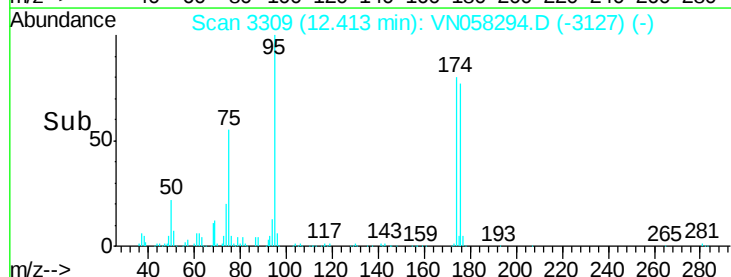
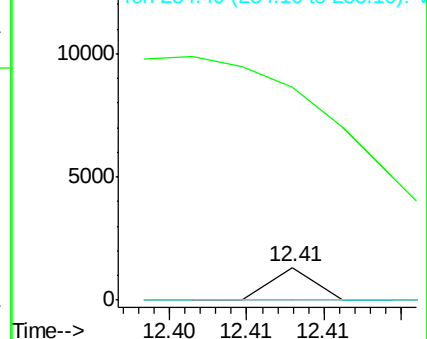
254 0.0 0.1 0.1#

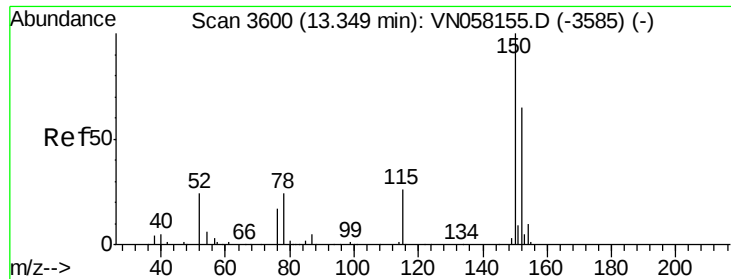


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

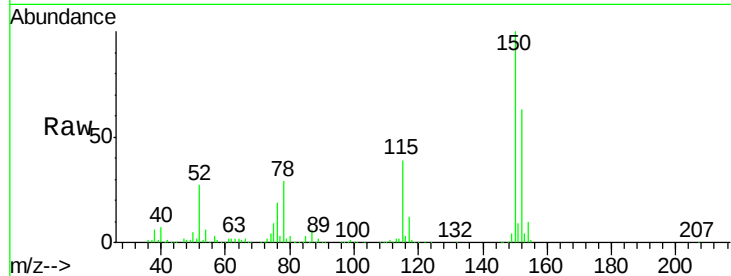
Tot Ion:152 Resp: 260198

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

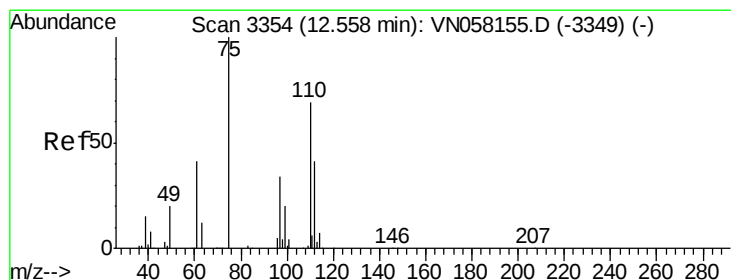
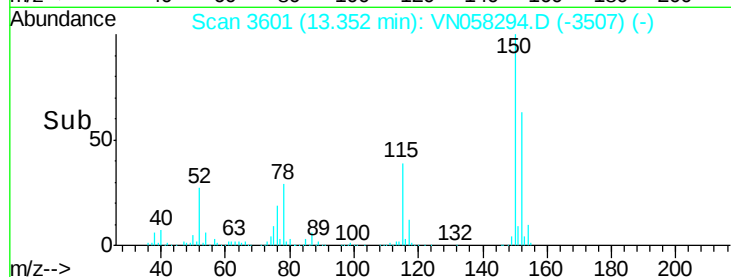
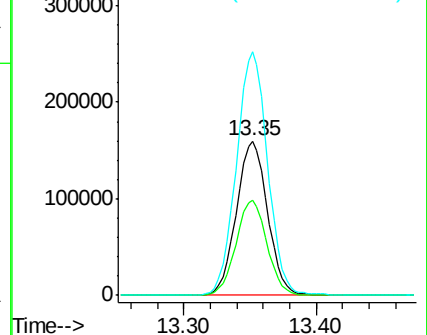
150 158.5 0.0 346.4



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: 37.021 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058294.D

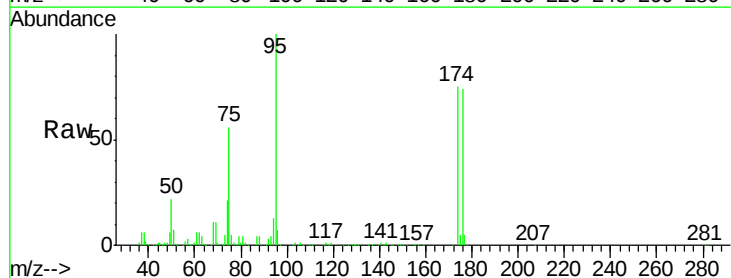
Acq: 23 Sep 2019 15:51

Tgt Ion: 75 Resp: 172398

Ion Ratio Lower Upper

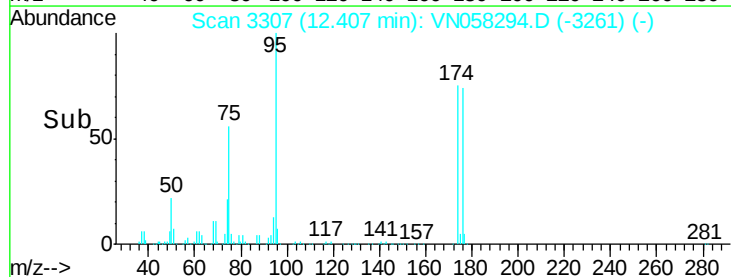
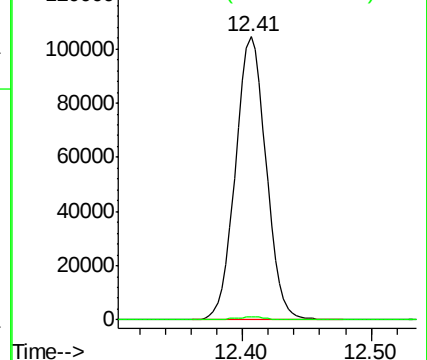
75 100

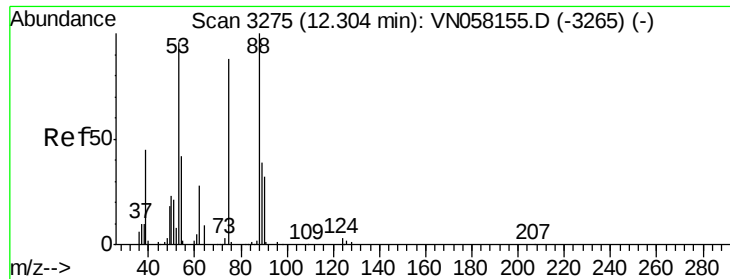
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

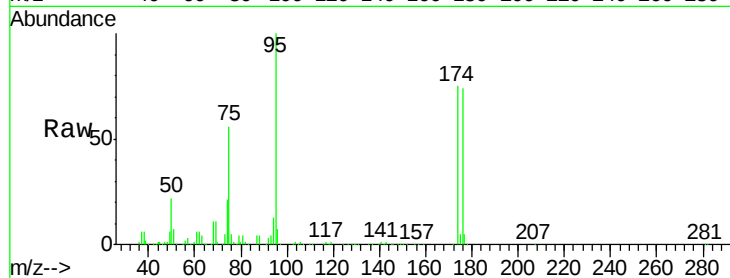




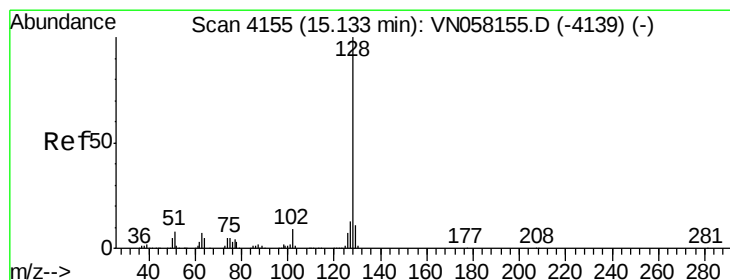
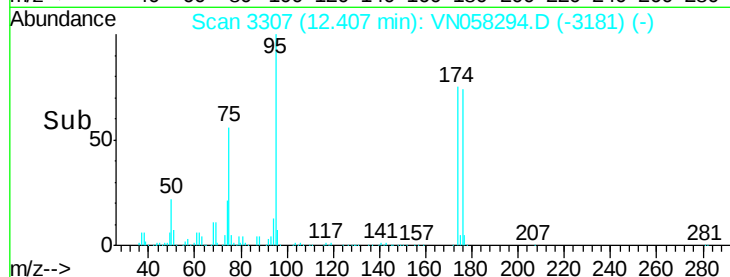
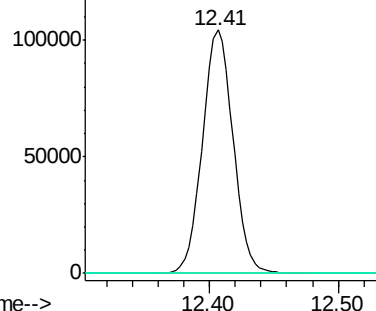
#81
trans-1,4-Dichloro-2-butene
Concen: 103.228 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20190918

Tot Ion: 75 Resp: 172398
Ion Ratio Lower Upper
75 100
53 0.0 90.1 135.1#
89 0.0 36.2 54.2#

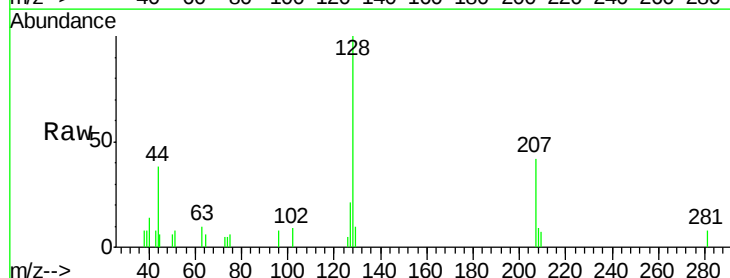


Abundance Ion 74.90 (74.60 to 75.60): VN058294.D (-3307) (-)
Ion 53.00 (52.70 to 53.70): VN058294.D (-3307) (-)
Ion 88.90 (88.60 to 89.60): VN058294.D (-3307) (-)

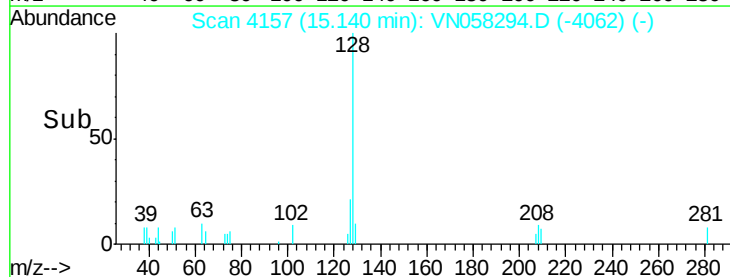
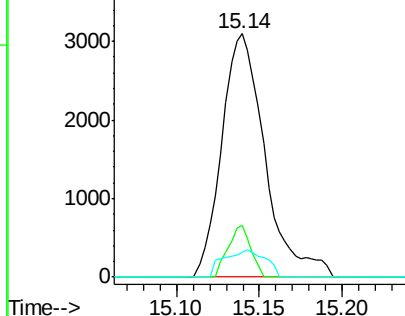


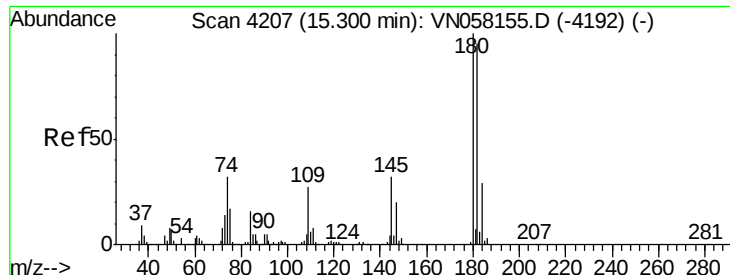
#95
Naphthalene
Concen: 0.451 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN058294.D
Acq: 23 Sep 2019 15:51

Tgt Ion: 128 Resp: 5608
Ion Ratio Lower Upper
128 100
127 11.1 10.2 15.2
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VN058294.D (-4157) (-)
Ion 127.00 (126.70 to 127.70): VN058294.D (-4157) (-)
Ion 129.00 (128.70 to 129.70): VN058294.D (-4157) (-)





#96

1,2,3-Trichlorobenzene

Concen: 0.239 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN058294.D

Acq: 23 Sep 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20190918

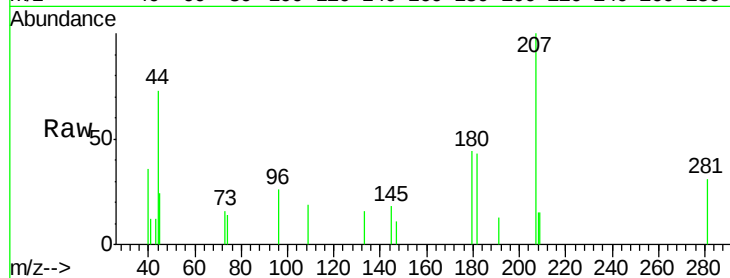
Tot Ion:180 Resp: 1084

Ion Ratio Lower Upper

180 100

182 86.2 47.4 142.2

145 20.8 16.1 48.2



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

