

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
 Data File : VN058268.D
 Acq On : 20 Sep 2019 21:52
 Operator : JC/SP
 Sample : K4975-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

Quant Time: Sep 20 23:56:02 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	492300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	798524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	265820	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	359639	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.58	113	250979	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.08	98	1020245	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.41	95	324155	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds

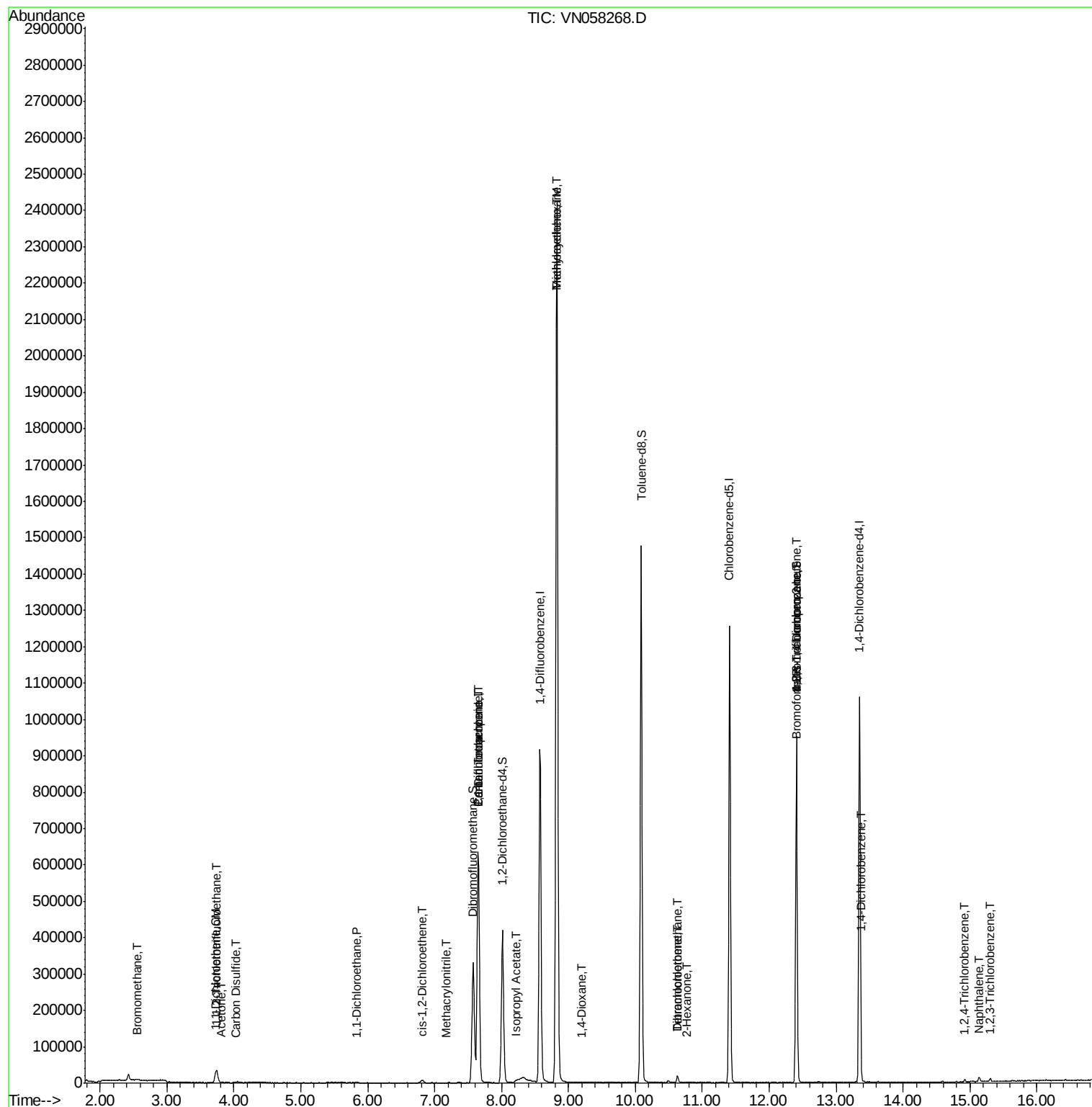
						Qvalue
3) Chloromethane	2.04	50	1152	Below Cal	#	73
4) Vinyl Chloride	2.44	62	69	Below Cal	#	43
5) Bromomethane	2.56	94	735	1.124	ug/l	94
6) Chloroethane	2.84	64	65	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	3.74	101	19276	4.843	ug/l	99
12) 1,1-Dichloroethene	3.71	96	3005	0.644	ug/l	92
16) Acetone	3.81	43	3311	1.423	ug/l #	83
17) Carbon Disulfide	4.02	76	245	0.328	ug/l #	74
20) Methylene Chloride	4.53	84	133	Below Cal	#	3
24) 1,1-Dichloroethane	5.82	63	2177	0.247	ug/l #	85
27) cis-1,2-Dichloroethene	6.81	96	4097	0.821	ug/l	86
31) Cyclohexane	7.65	56	12971	Below Cal	#	6
36) 1,1-Dichloropropene	7.65	75	42618	7.401	ug/l #	50
38) Carbon Tetrachloride	7.65	117	50686	8.756	ug/l #	15
39) Methylcyclohexane	8.82	83	11085	2.059	ug/l #	1
41) Methacrylonitrile	7.17	41	64	0.932	ug/l #	100
43) Isopropyl Acetate	8.21	43	3304	0.296	ug/l #	57
44) Trichloroethene	8.82	130	844074	196.108	ug/l	99
49) 1,4-Dioxane	9.18	88	222	2.668	ug/l #	30
59) 2-Hexanone	10.76	43	1170	0.266	ug/l	65
60) Dibromochloromethane	10.63	129	3477	0.739	ug/l #	11
64) Tetrachloroethene	10.63	164	3820	1.150	ug/l	90
71) Bromoform	12.39	173	215	3.657	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	175532	36.897	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	175532	102.901	ug/l #	5
88) 1,4-Dichlorobenzene	13.38	146	1688	0.216	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.92	180	2099	0.428	ug/l	96
95) Naphthalene	15.14	128	10187	0.802	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	2546	0.550	ug/l	90

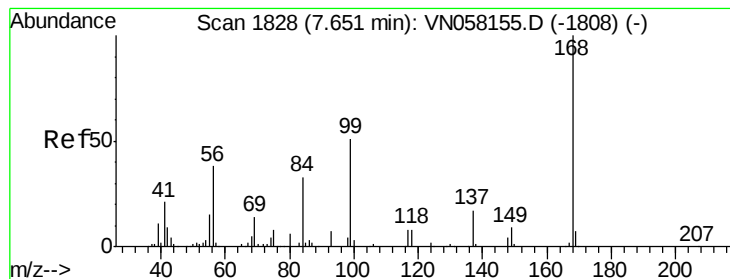
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
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: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

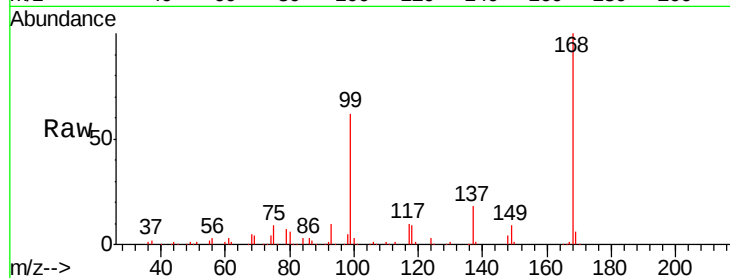
RE120D3-20190917

Tgt Ion:168 Resp: 492300

Ion Ratio Lower Upper

168 100

99 61.8 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

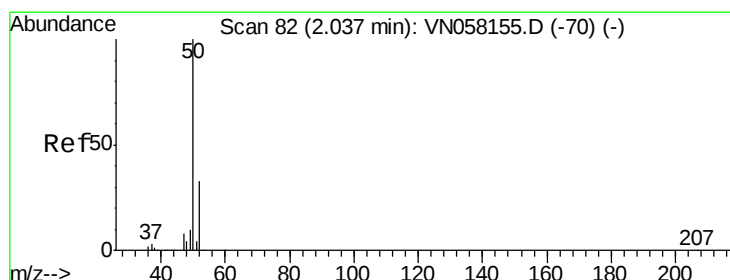
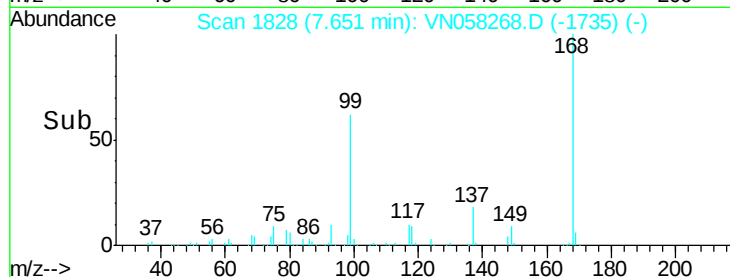
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058268.D

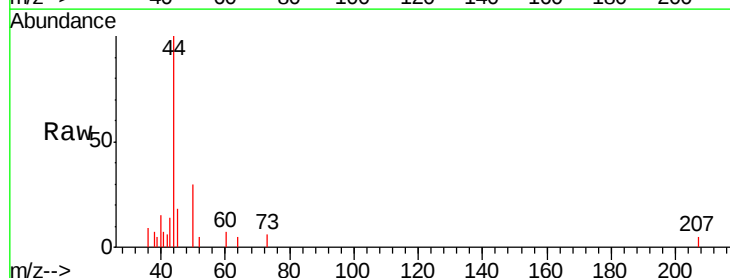
Acq: 20 Sep 2019 21:52

Tgt Ion: 50 Resp: 1152

Ion Ratio Lower Upper

50 100

52 17.7 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

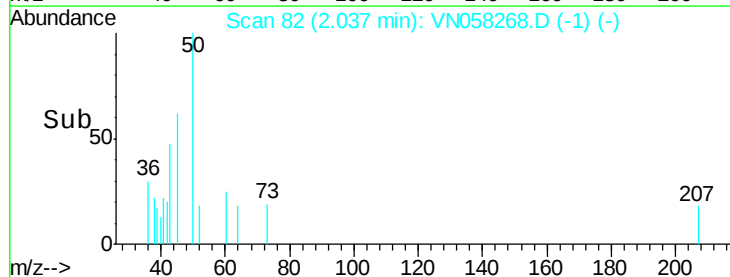
600

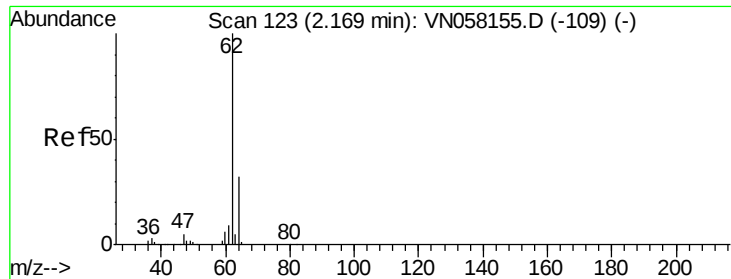
400

200

0

Time-->





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.44 min Scan# 207

Delta R.T. 0.27 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

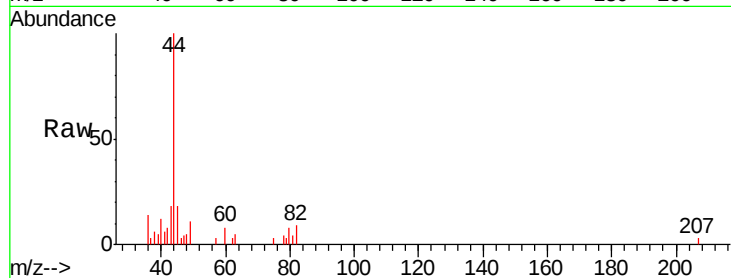
RE120D3-20190917

Tgt Ion: 62 Resp: 69

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.2#

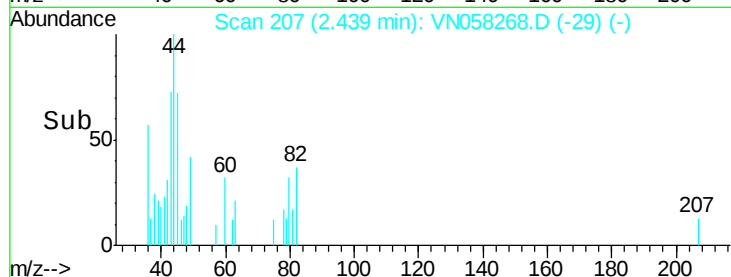


Abundance Ion 61.90 (61.60 to 62.60): VN0

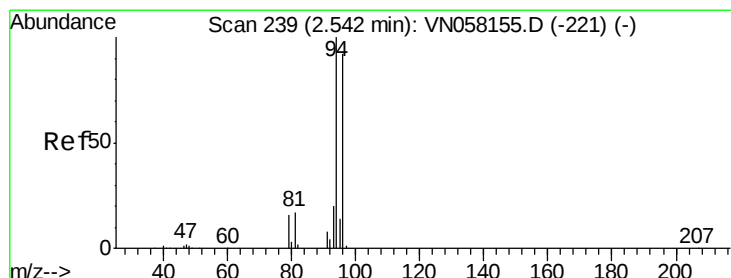
Ion 63.90 (63.60 to 64.60): VN0

2.44

2.43 2.44 2.45



Time-->



#5

Bromomethane

Concen: 1.124 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN058268.D

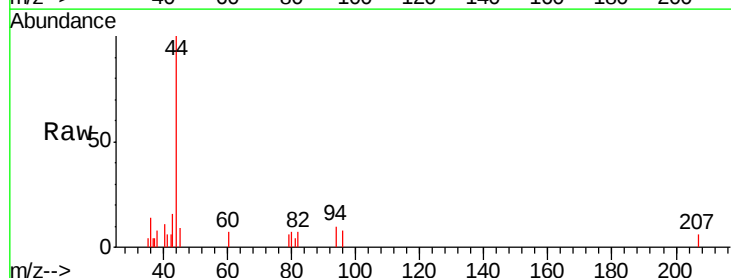
Acq: 20 Sep 2019 21:52

Tgt Ion: 94 Resp: 735

Ion Ratio Lower Upper

94 100

96 85.4 73.3 109.9

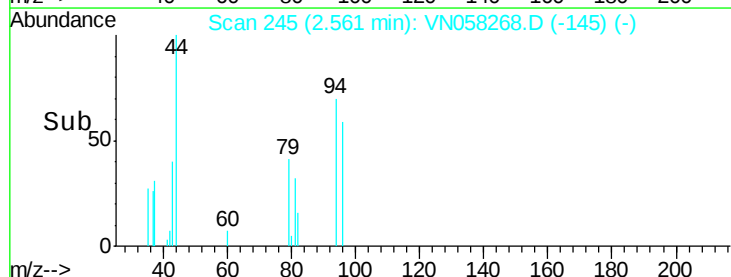


Abundance Ion 93.90 (93.60 to 94.60): VN0

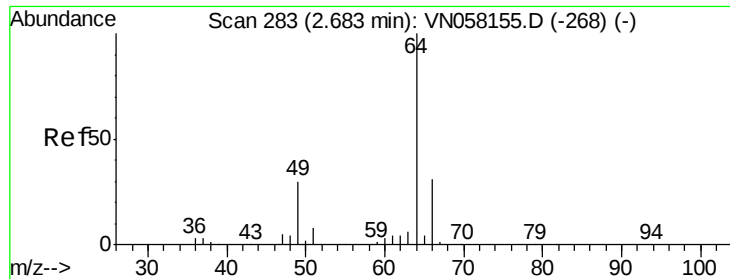
Ion 95.90 (95.60 to 96.60): VN0

2.56

2.52 2.54 2.56 2.58



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.84 min Scan# 332

Delta R.T. 0.16 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

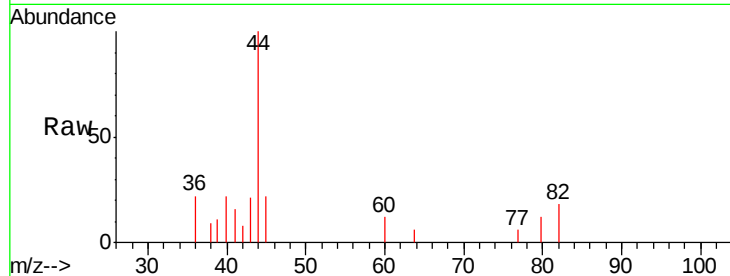
RE120D3-20190917

Tgt Ion: 64 Resp: 65

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

2.84

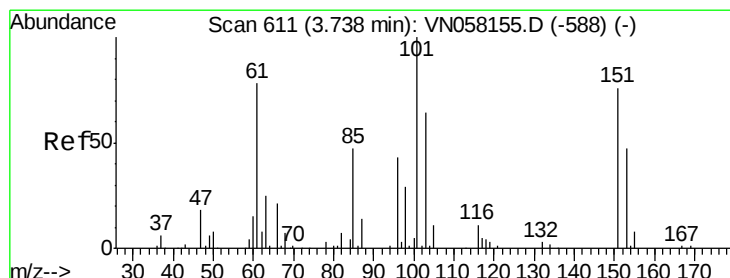
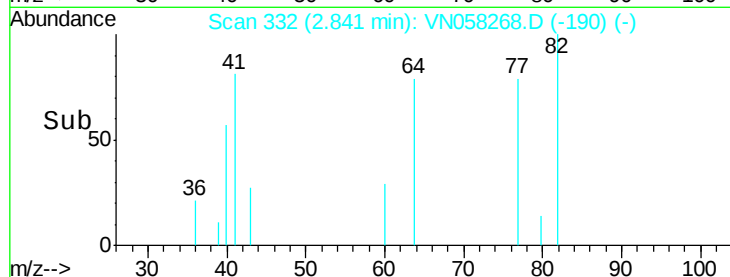
150

100

50

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.843 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

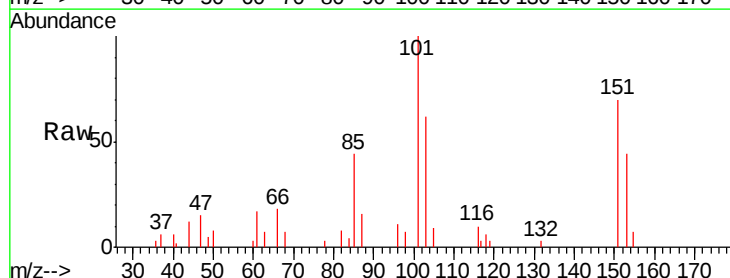
Tgt Ion: 101 Resp: 19276

Ion Ratio Lower Upper

101 100

85 46.8 37.3 55.9

151 72.9 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

3.74

8000

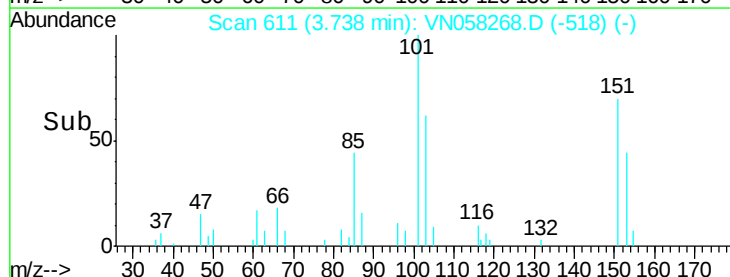
6000

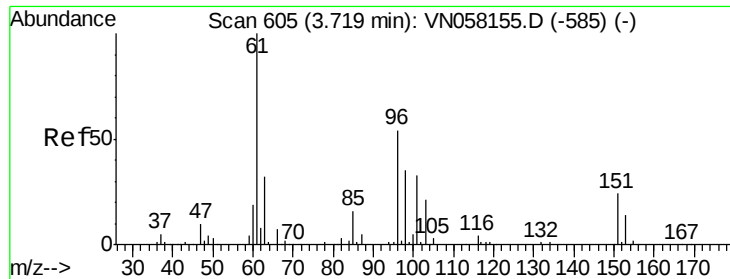
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.644 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

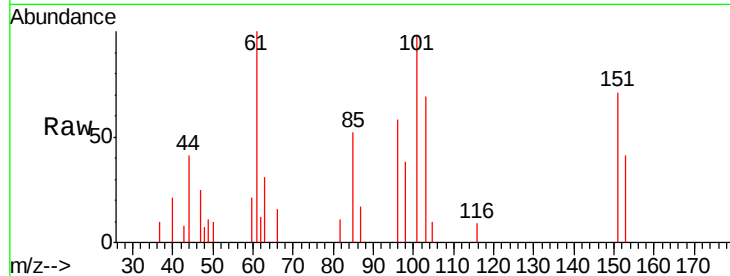
Tgt Ion: 96 Resp: 3005

Ion Ratio Lower Upper

96 100

61 172.7 149.5 224.3

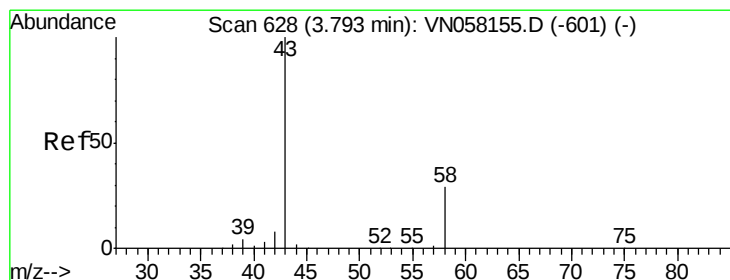
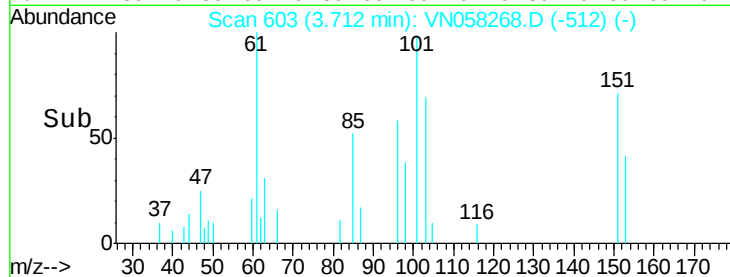
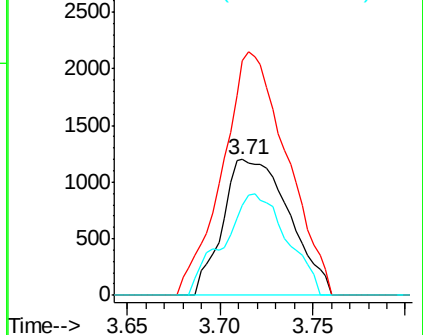
98 66.3 52.4 78.6



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



#16

Acetone

Concen: 1.423 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058268.D

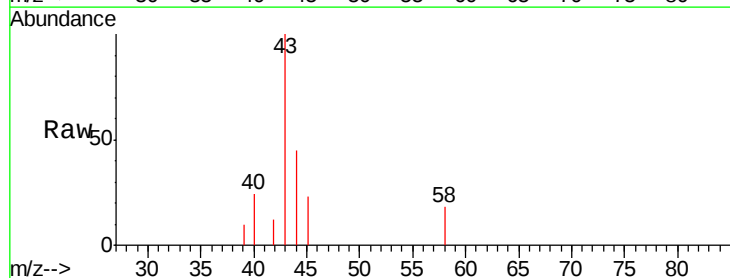
Acq: 20 Sep 2019 21:52

Tgt Ion: 43 Resp: 3311

Ion Ratio Lower Upper

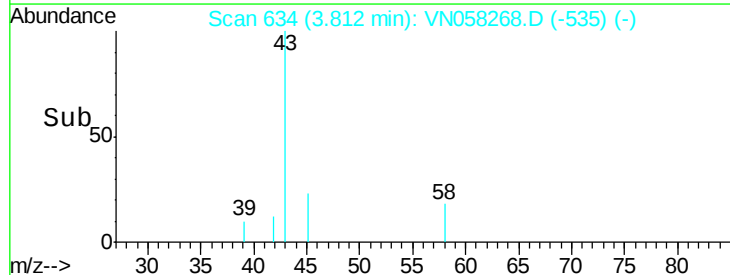
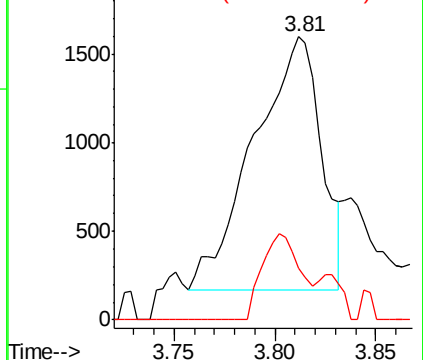
43 100

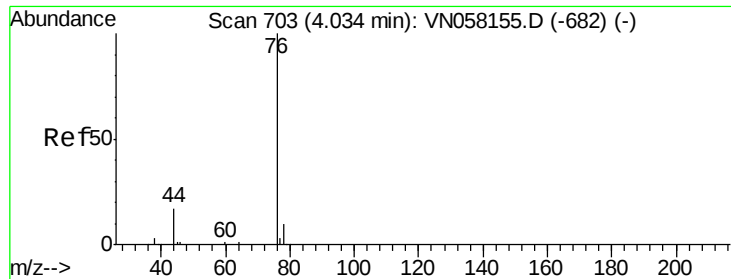
58 20.2 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.328 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.02 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

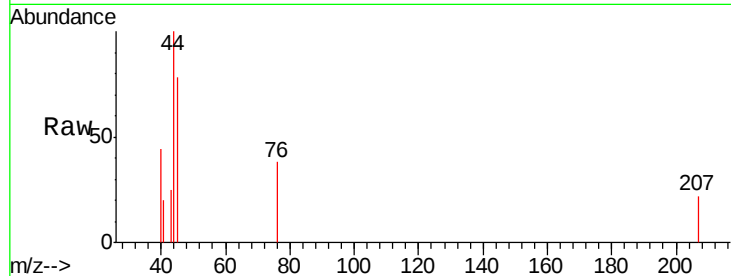
RE120D3-20190917

Tgt Ion: 76 Resp: 245

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

4.02

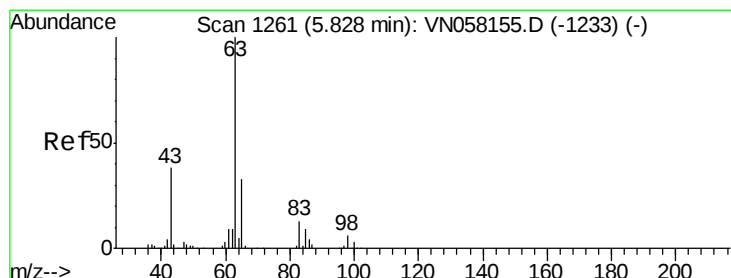
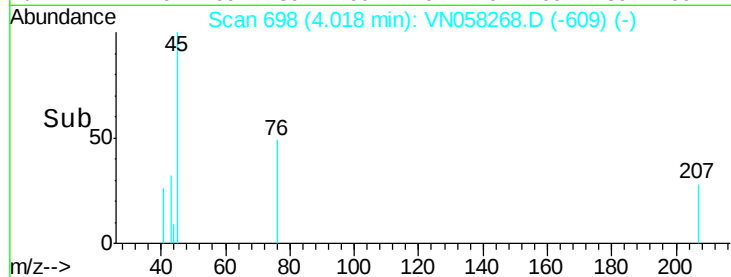
300

200

100

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.247 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

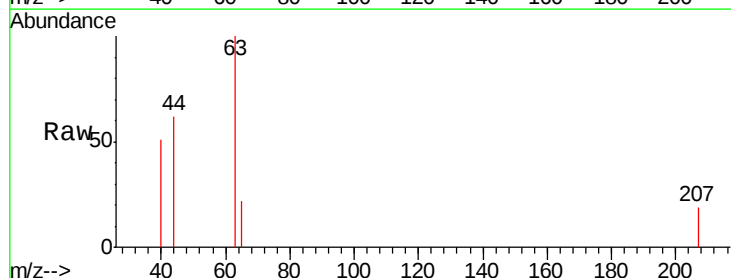
Tgt Ion: 63 Resp: 2177

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

1200

1000

800

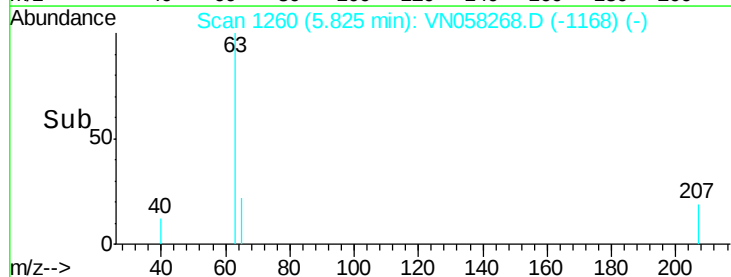
600

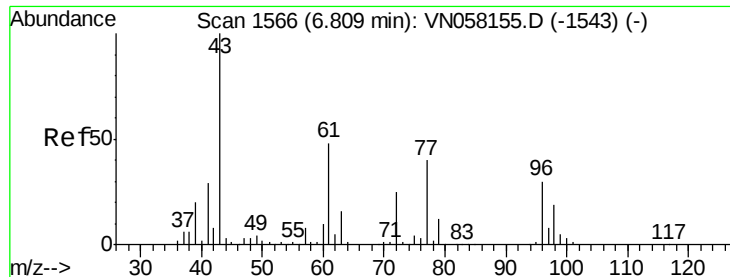
400

200

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.821 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

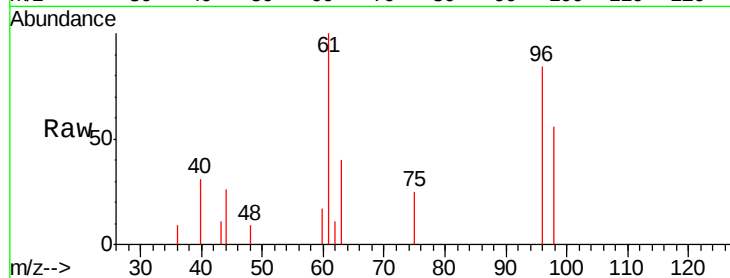
Tgt Ion: 96 Resp: 4097

Ion Ratio Lower Upper

96 100

61 135.9 0.0 319.0

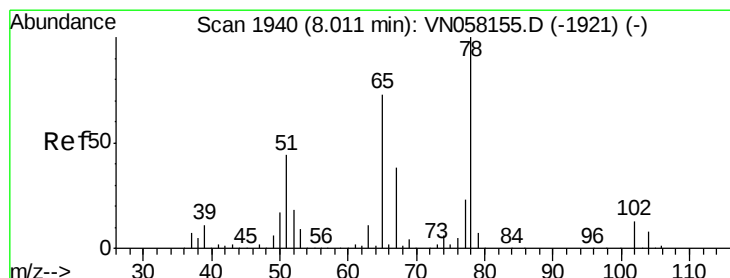
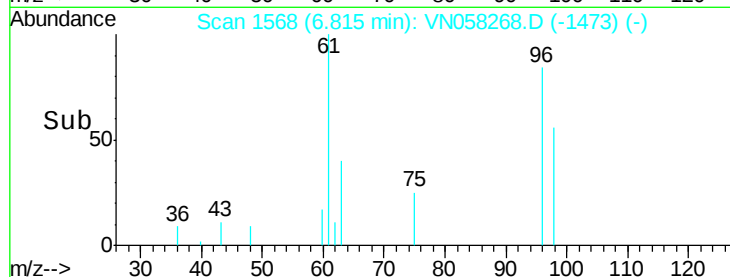
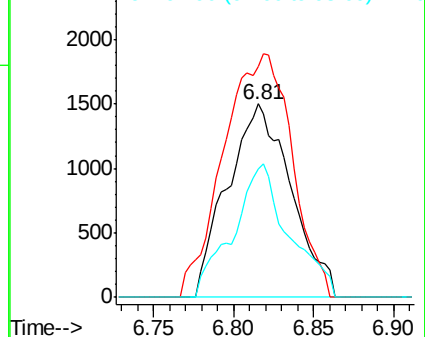
98 60.7 0.0 126.6



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



#33

1,2-Dichloroethane-d4

Concen: 52.450 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058268.D

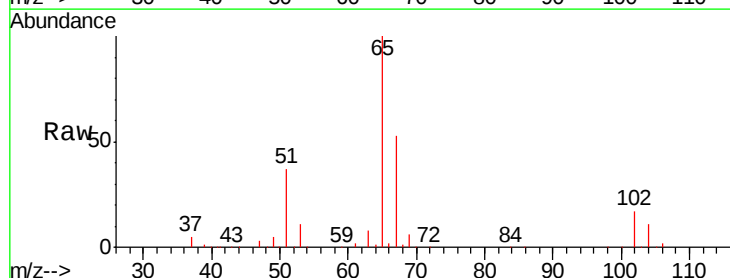
Acq: 20 Sep 2019 21:52

Tgt Ion: 65 Resp: 359639

Ion Ratio Lower Upper

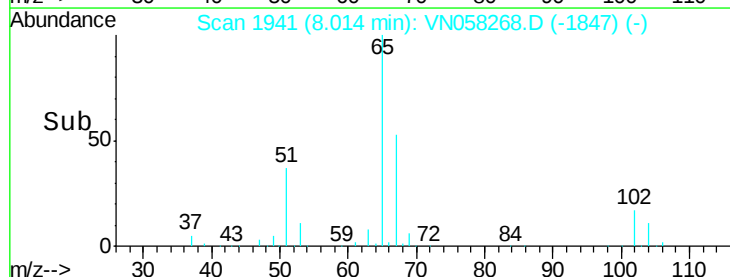
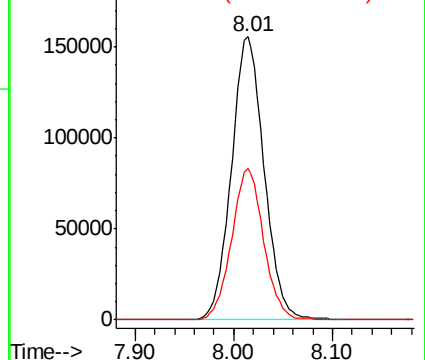
65 100

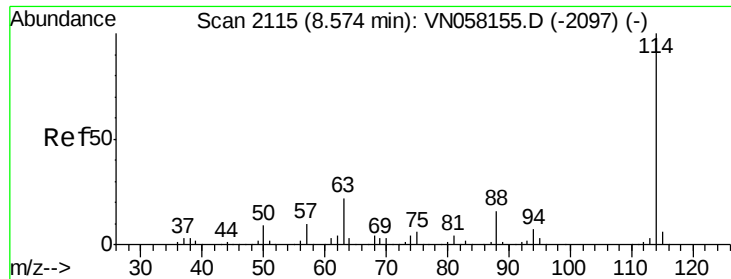
67 52.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

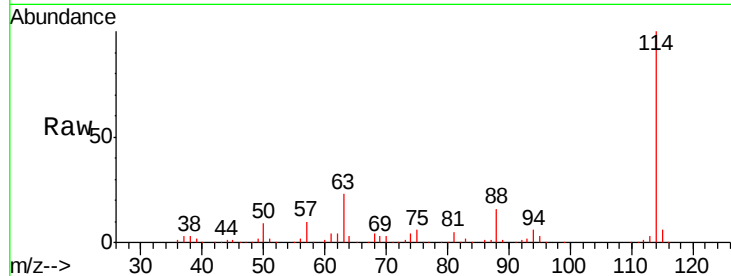




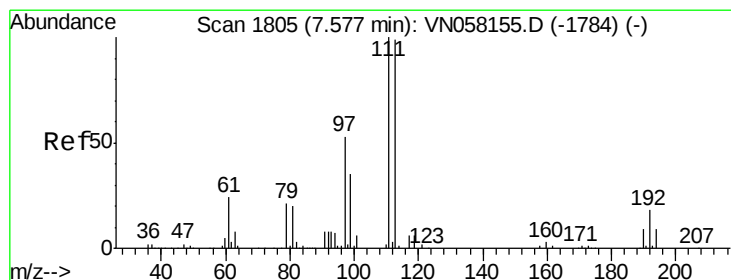
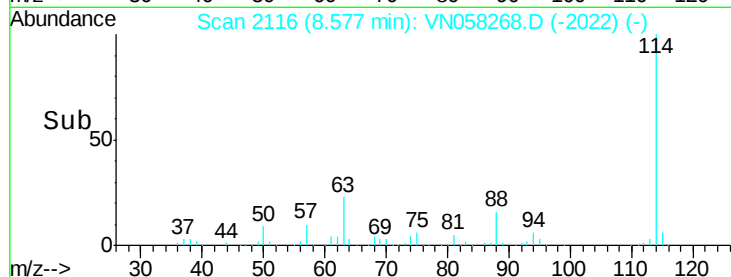
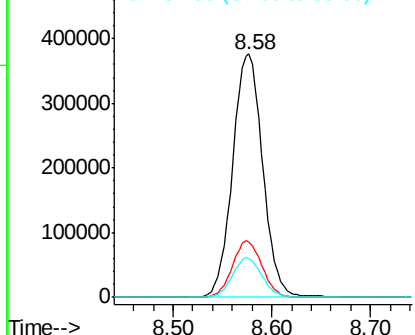
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20190917

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.2
88	16.2	0.0	31.6

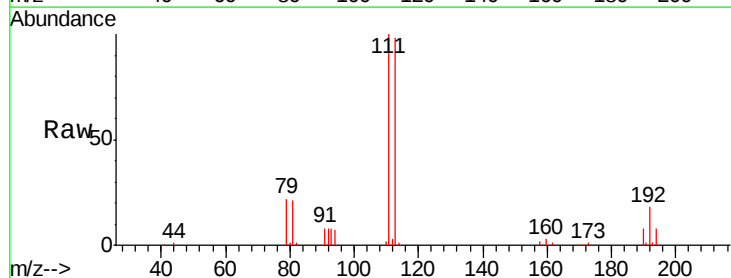


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

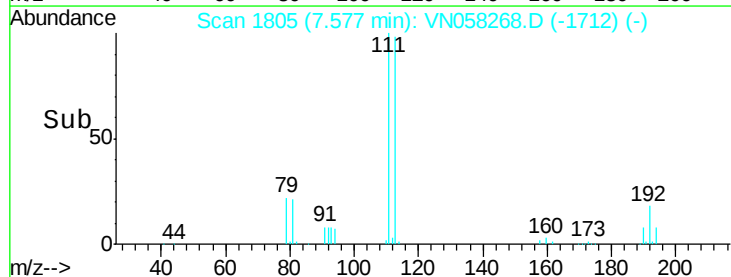
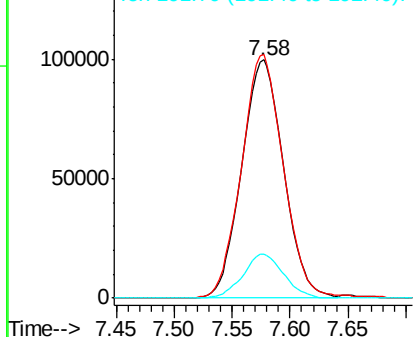


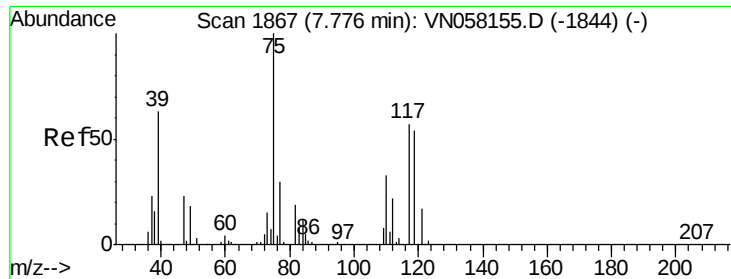
#35
Dibromofluoromethane
Concen: 51.702 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	18.1	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

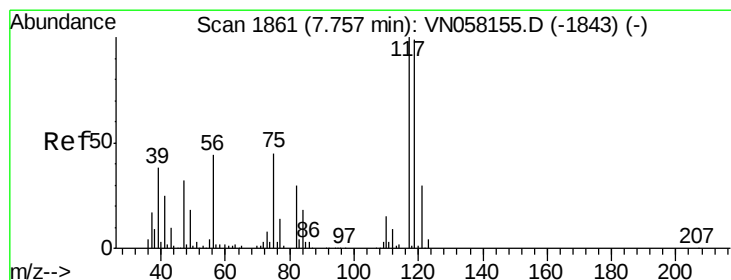
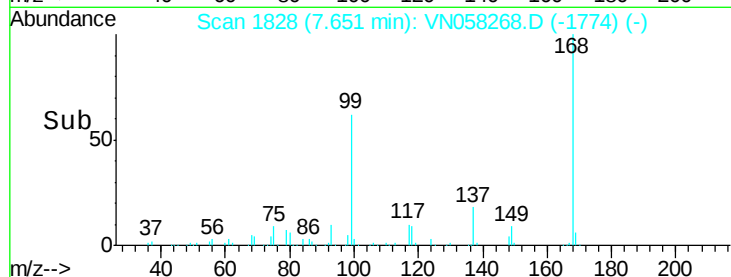
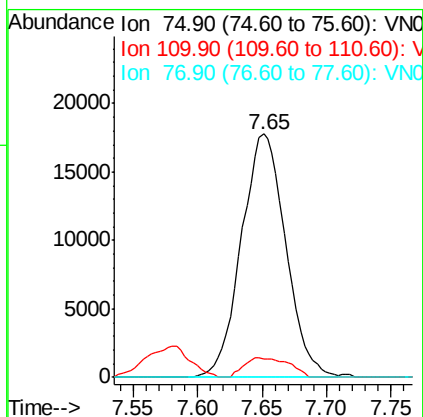
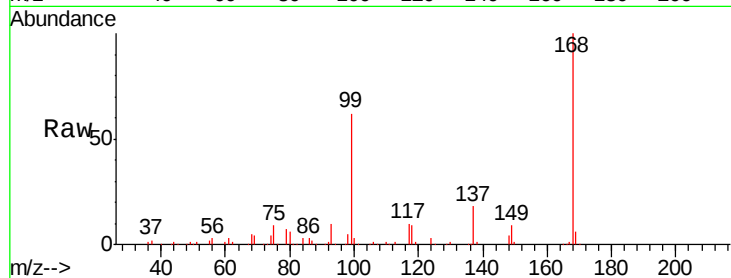




#36
 1,1-Dichloropropene
 Concen: 7.401 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

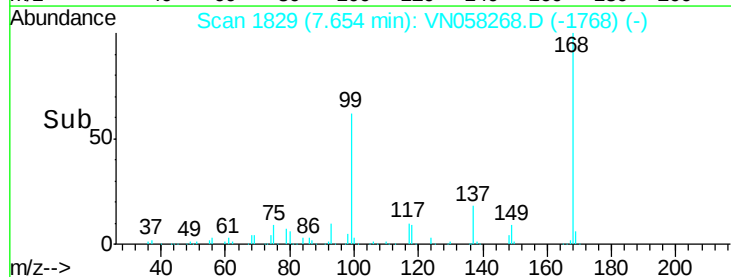
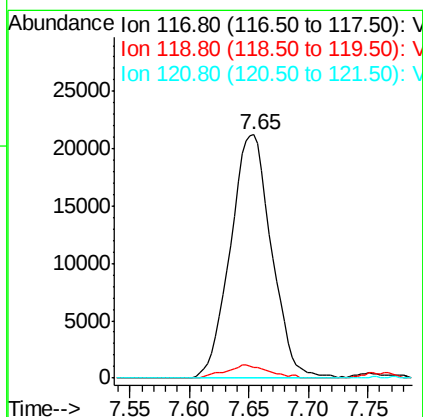
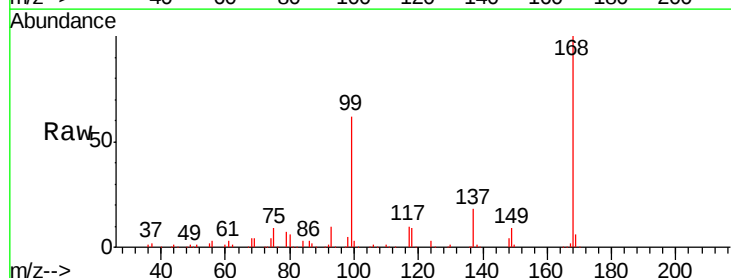
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

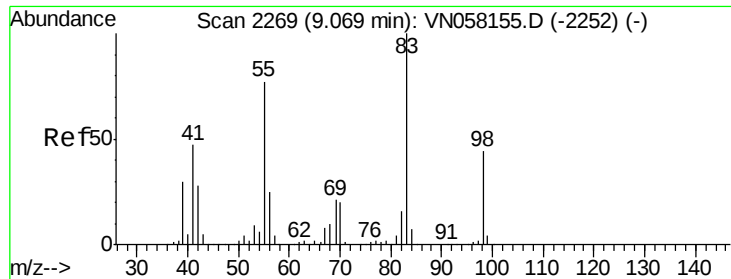
Tgt Ion: 75 Resp: 42618
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.6 49.7#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 8.756 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.10 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Tgt Ion: 117 Resp: 50686
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.6 117.8#
 121 0.0 24.1 36.1#

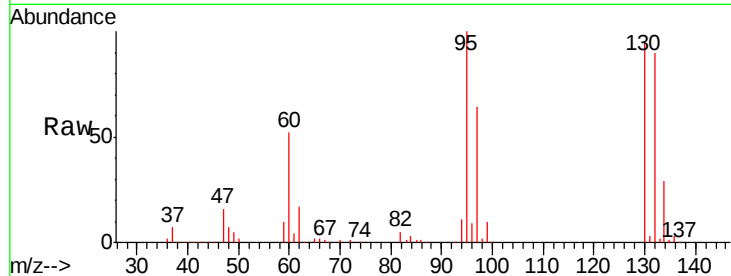




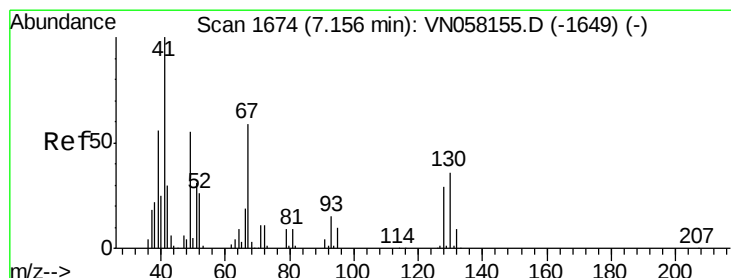
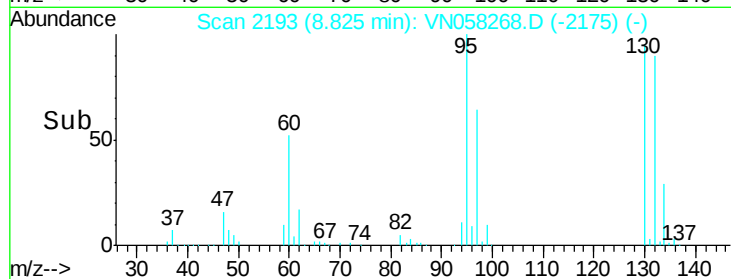
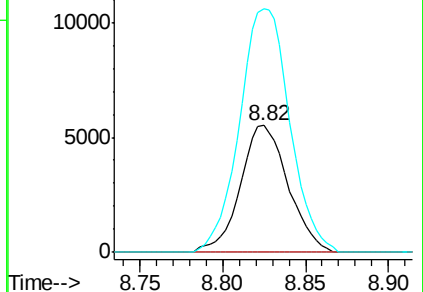
#39
Methylcyclohexane
Concen: 2.059 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20190917

Tgt Ion: 83 Resp: 11085
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 191.8 35.4 53.2#



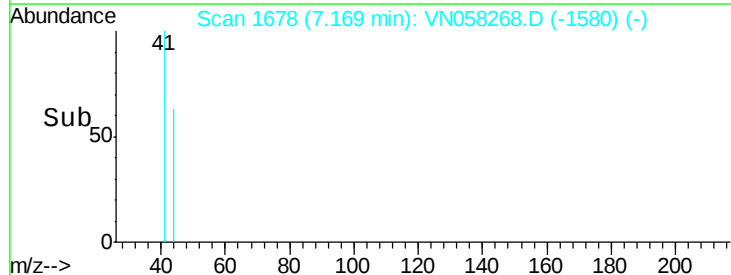
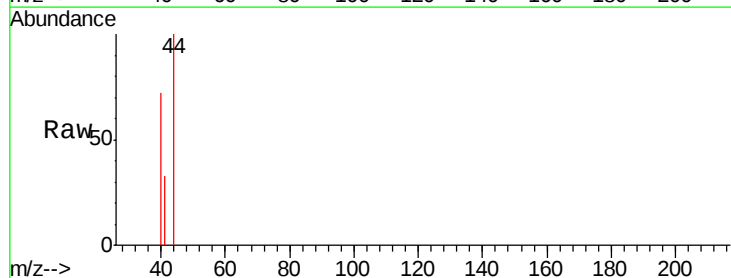
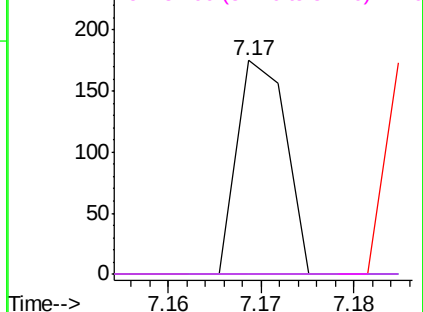
Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

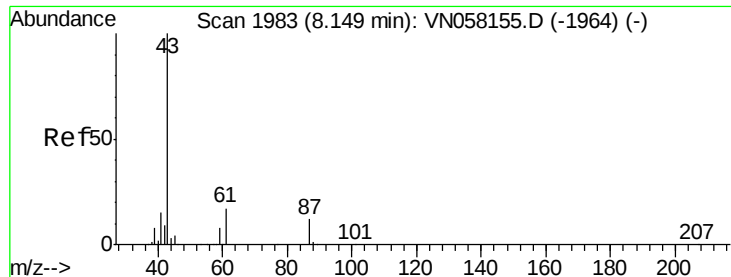


#41
Methacrylonitrile
Concen: 0.932 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
39 168.8 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





#43

Isopropyl Acetate

Concen: 0.296 ug/l

RT: 8.21 min Scan# 2001

Delta R.T. 0.06 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

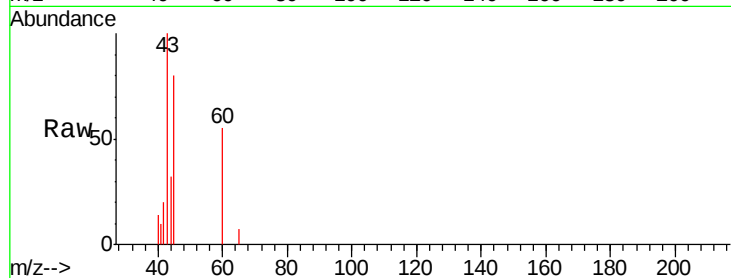
Tgt Ion: 43 Resp: 3304

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

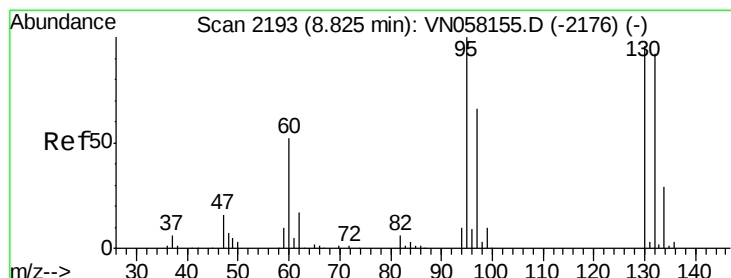
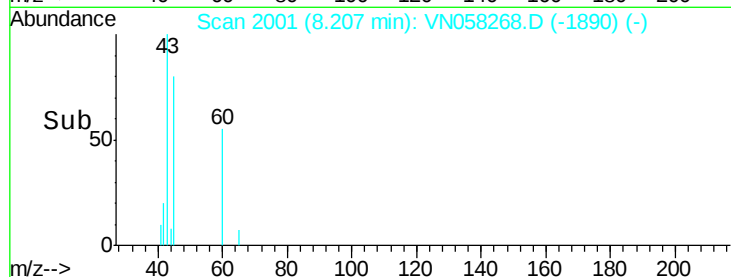
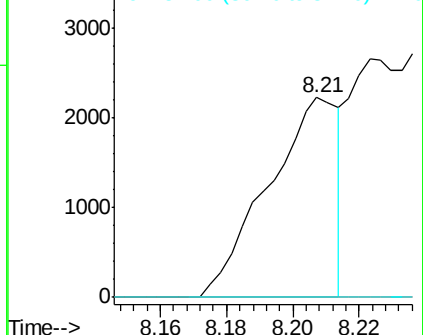
87 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 196.108 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058268.D

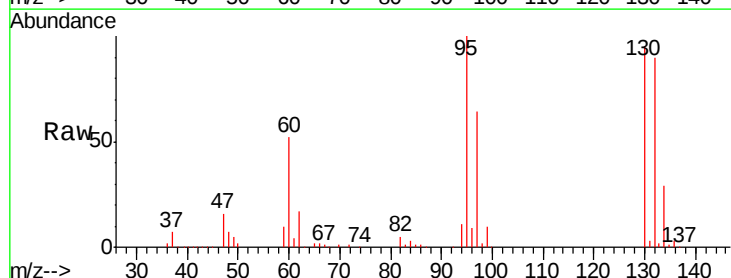
Acq: 20 Sep 2019 21:52

Tgt Ion: 130 Resp: 844074

Ion Ratio Lower Upper

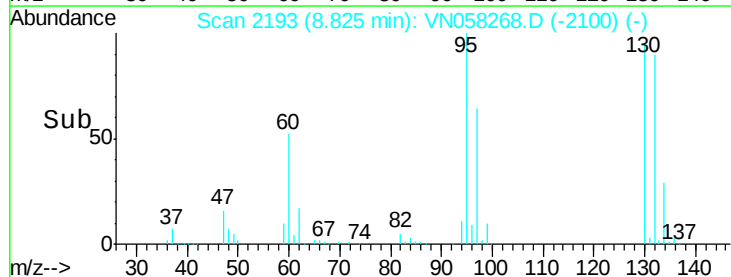
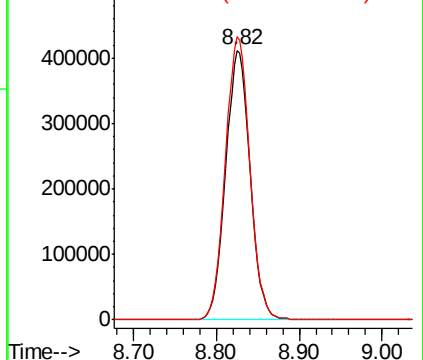
130 100

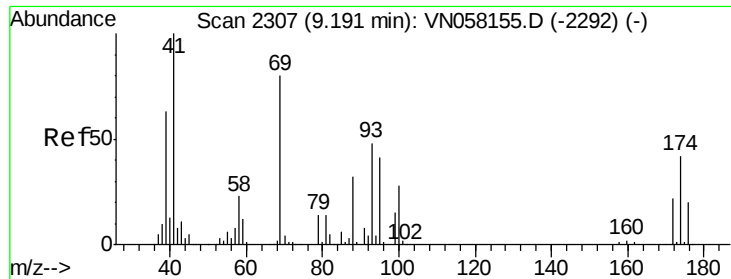
95 104.9 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

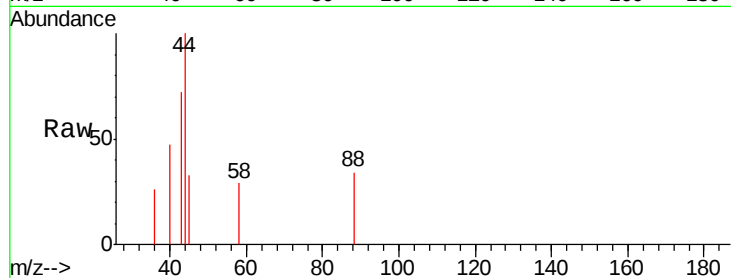




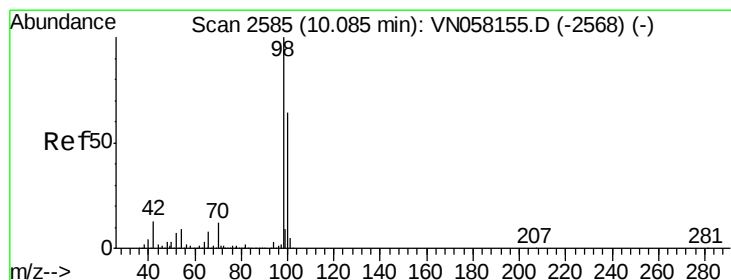
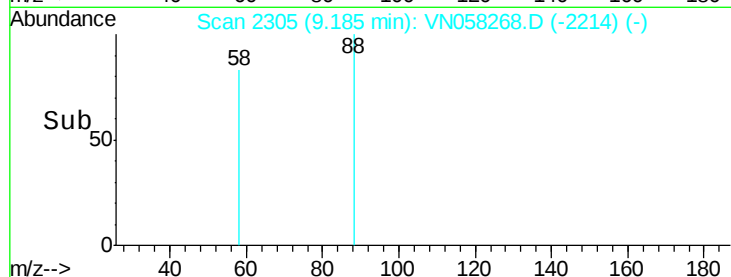
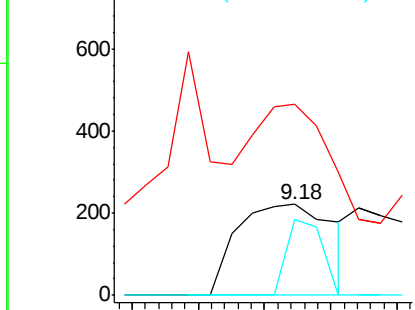
#49
 1,4-Dioxane
 Concen: 2.668 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

Tgt Ion: 88 Resp: 222
 Ion Ratio Lower Upper
 88 100
 43 101.8 27.8 41.8#
 58 30.6 55.0 82.4#

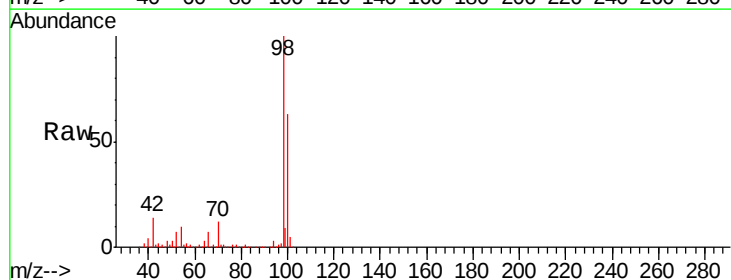


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

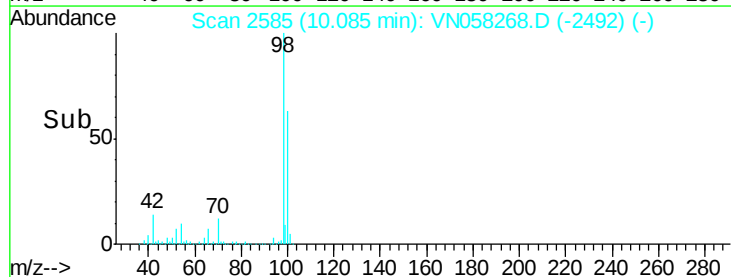
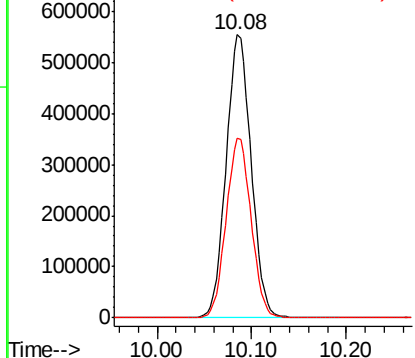


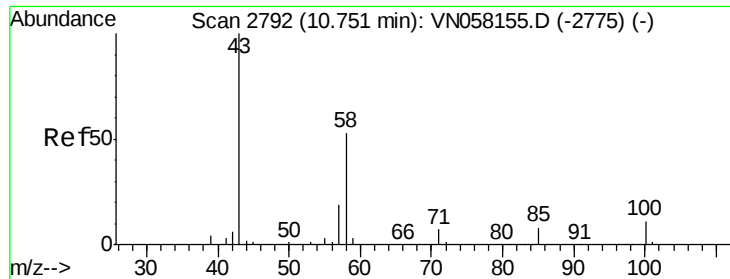
#50
 Toluene-d8
 Concen: 53.942 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Tgt Ion: 98 Resp: 1020245
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.1 76.7



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

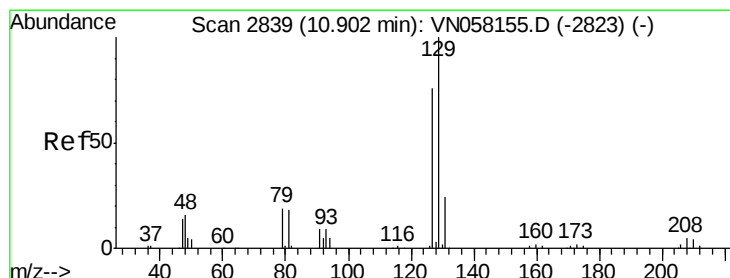
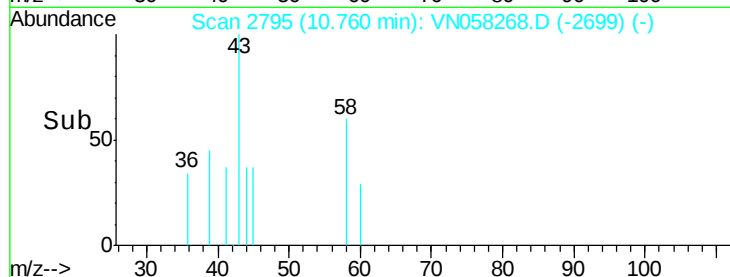
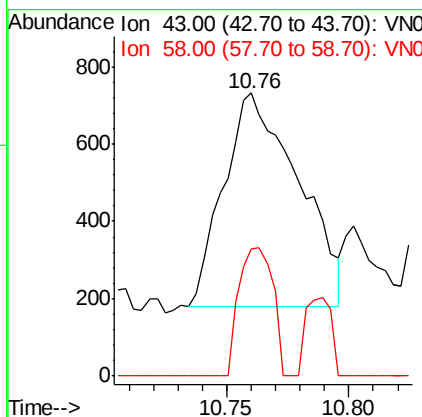
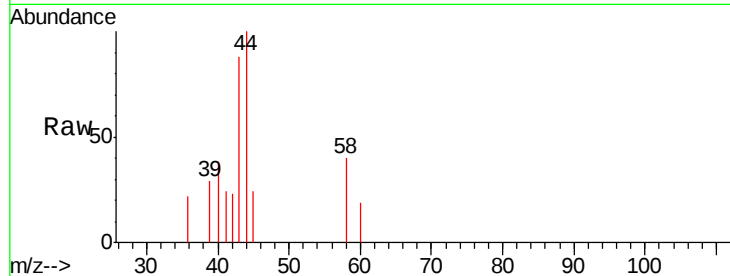




#59
2-Hexanone
Concen: 0.266 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

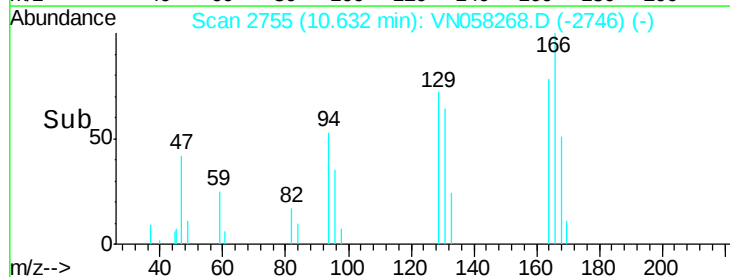
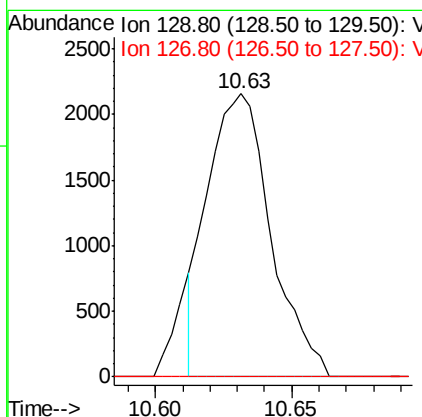
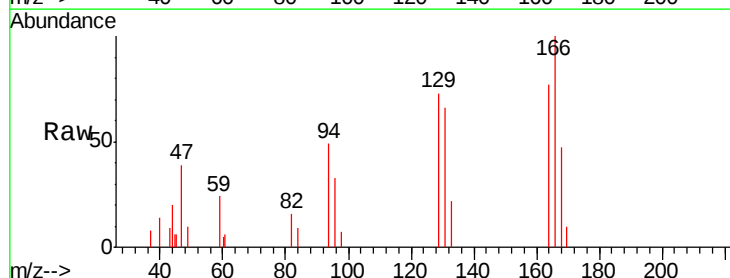
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20190917

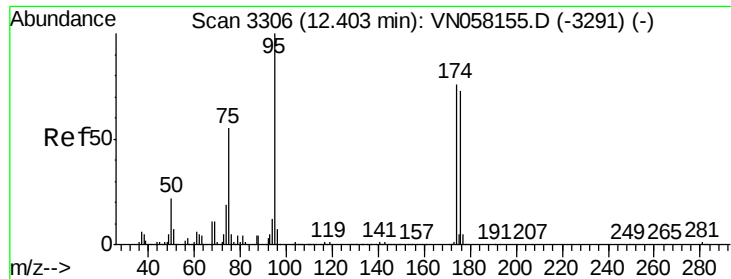
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 27.1 26.0 78.0



#60
Dibromochloromethane
Concen: 0.739 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN058268.D
Acq: 20 Sep 2019 21:52

Tgt Ion: 129 Resp: 3477
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#





#62

4-Bromofluorobenzene

Concen: 46.139 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

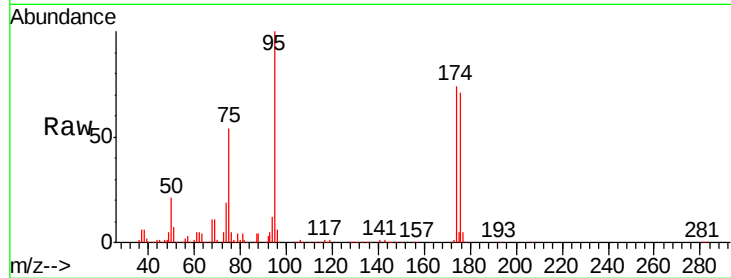
Tgt Ion: 95 Resp: 324155

Ion Ratio Lower Upper

95 100

174 73.6 0.0 152.2

176 71.1 0.0 148.0

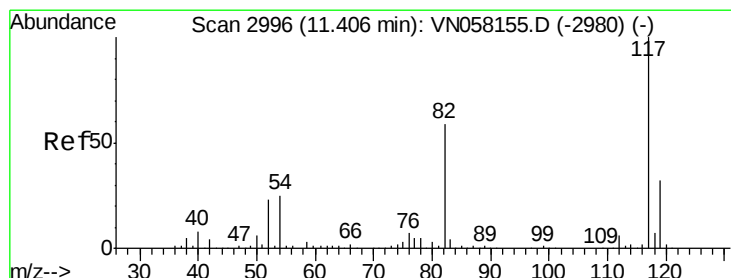
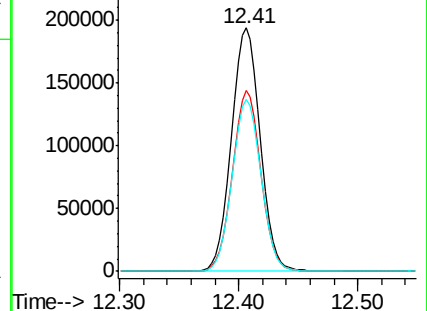
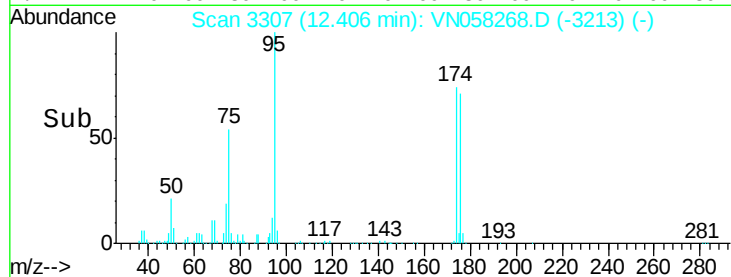


Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

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

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

12.41



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

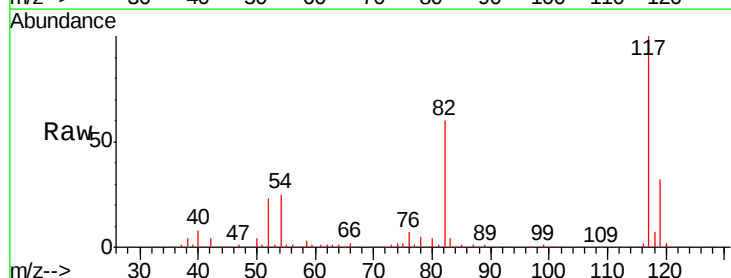
Tgt Ion: 117 Resp: 681678

Ion Ratio Lower Upper

117 100

82 60.4 46.9 70.3

119 32.2 25.3 37.9

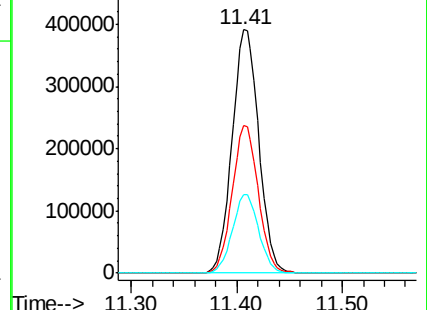
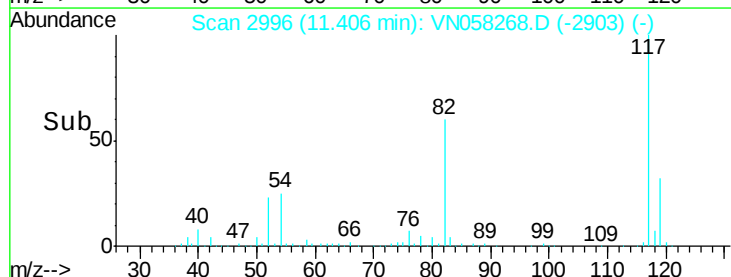


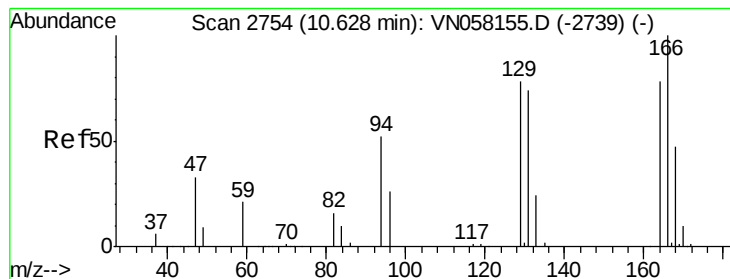
Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

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

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

11.41





#64

Tetrachloroethene

Concen: 1.150 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

Tgt Ion:164 Resp: 3820

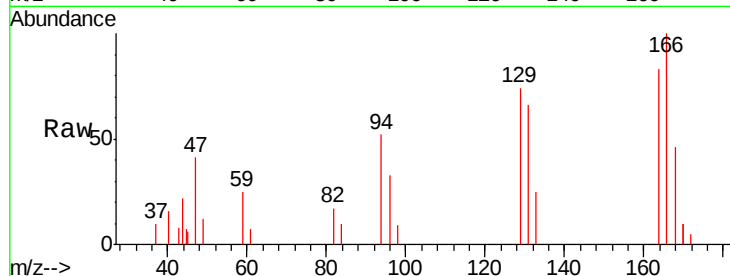
Ion Ratio Lower Upper

164 100

166 120.7 102.2 153.4

129 89.4 79.6 119.4

131 79.8 76.0 114.0

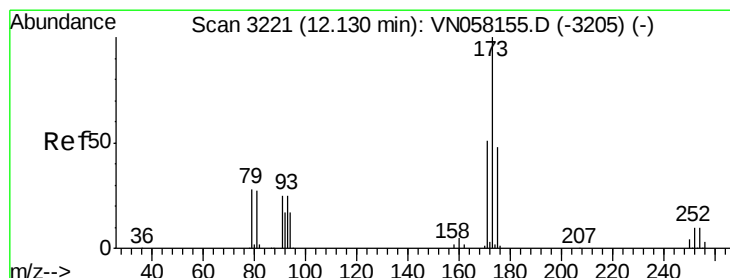
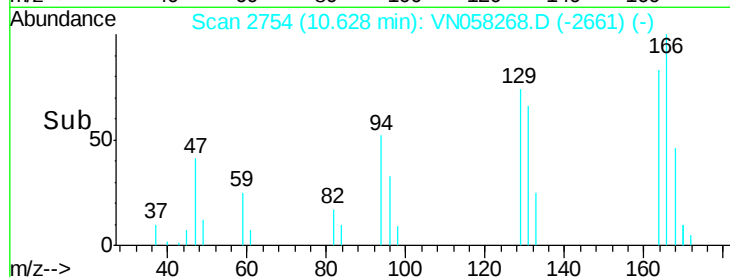
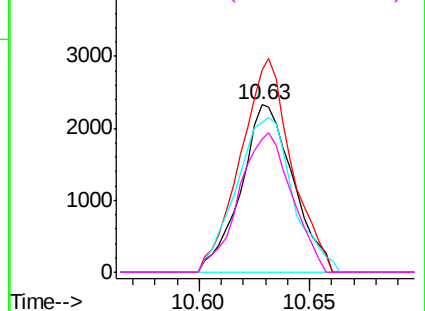


Abundance Ion 163.80 (163.50 to 164.50): V

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: 3.657 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

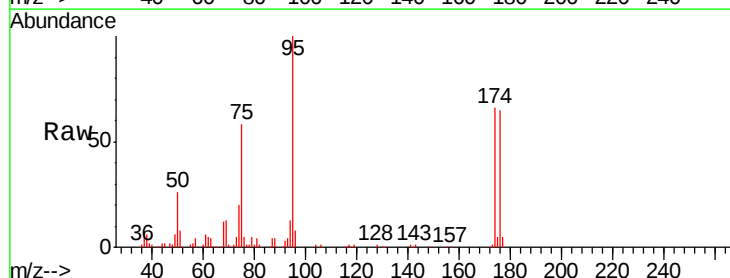
Tgt Ion:173 Resp: 215

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

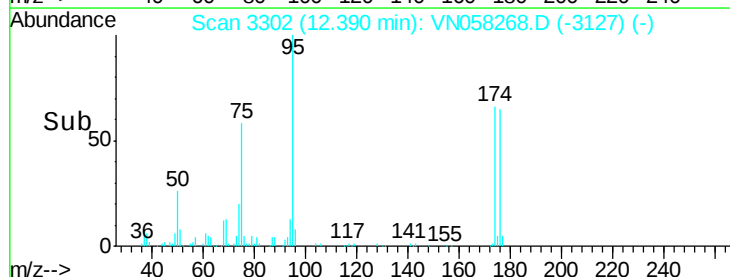
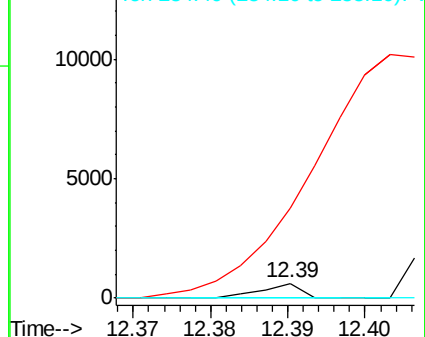
254 0.0 0.1 0.1#

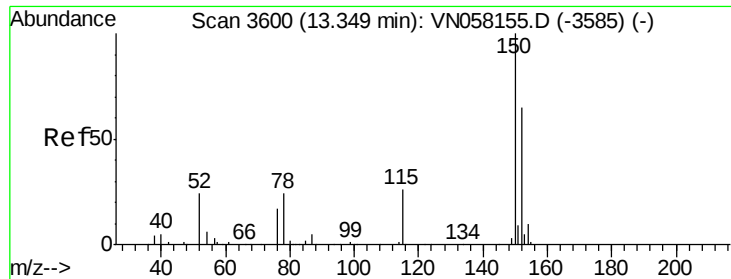


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3600

Delta R.T. -0.00 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

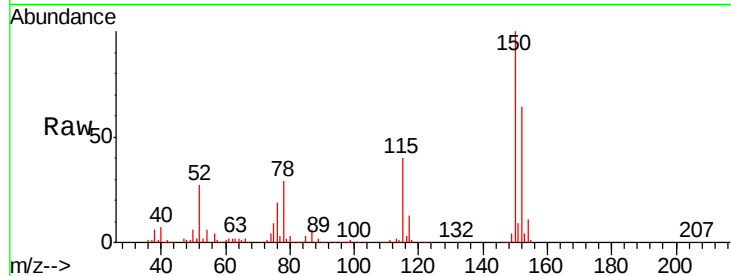
Tgt Ion: 152 Resp: 265820

Ion Ratio Lower Upper

152 100

115 62.6 30.1 90.3

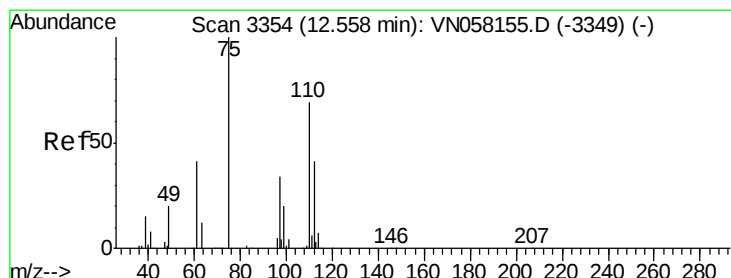
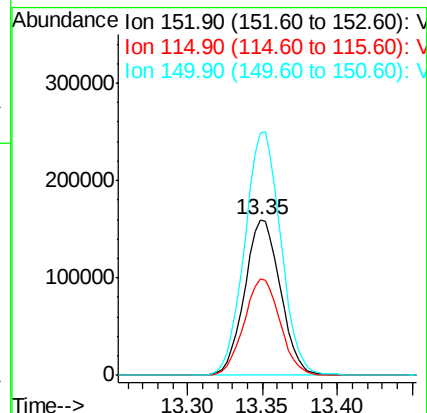
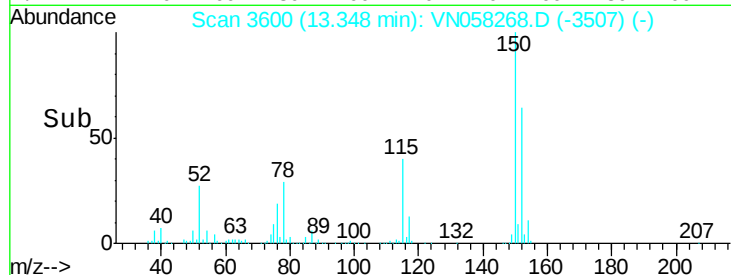
150 158.7 0.0 346.4



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: 36.897 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058268.D

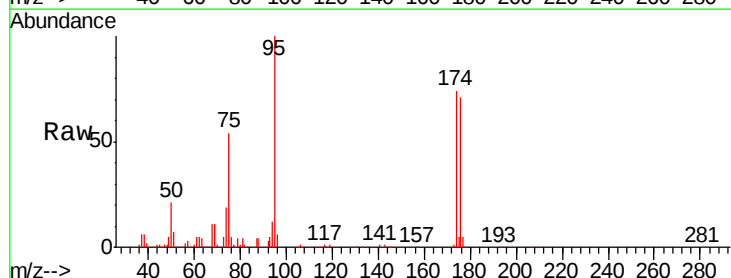
Acq: 20 Sep 2019 21:52

Tgt Ion: 75 Resp: 175532

Ion Ratio Lower Upper

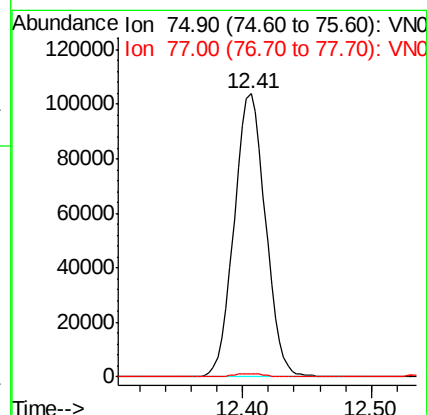
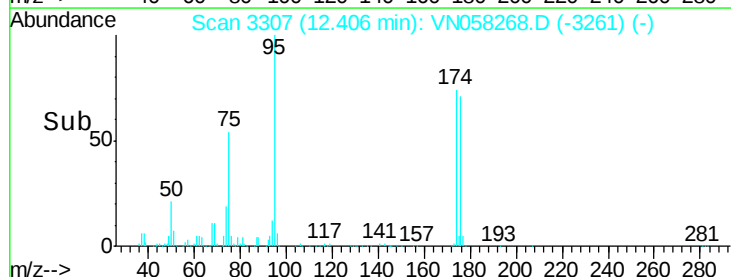
75 100

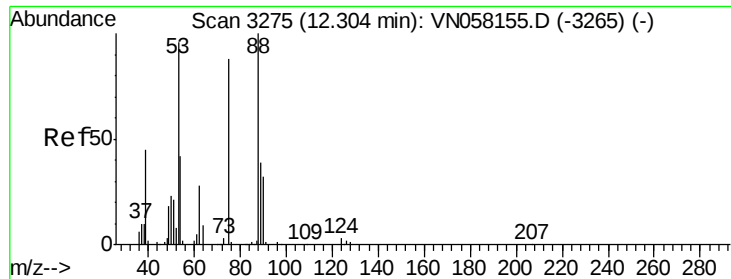
77 1.2 0.0 0.0#



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: 102.901 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20190917

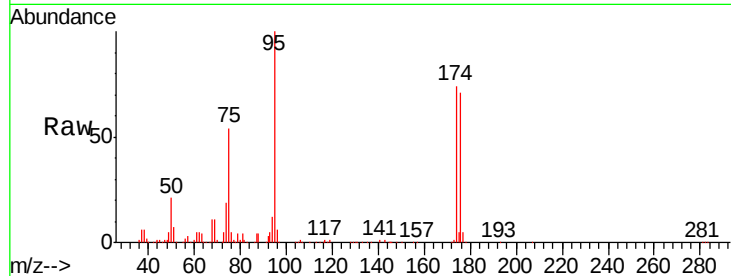
Tgt Ion: 75 Resp: 175532

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

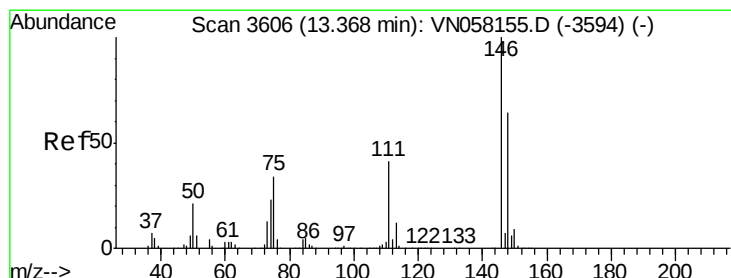
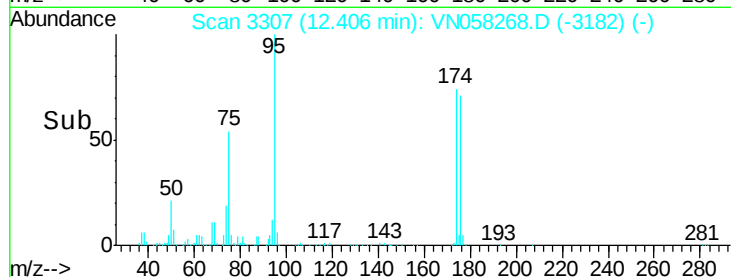
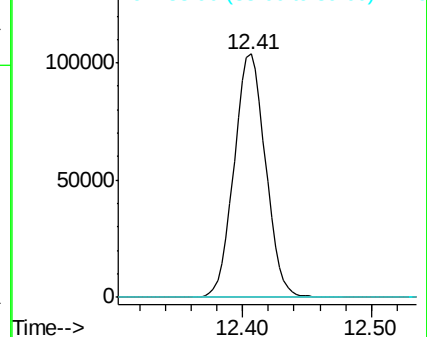
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#88

1,4-Dichlorobenzene

Concen: 0.216 ug/l

RT: 13.38 min Scan# 3609

Delta R.T. 0.01 min

Lab File: VN058268.D

Acq: 20 Sep 2019 21:52

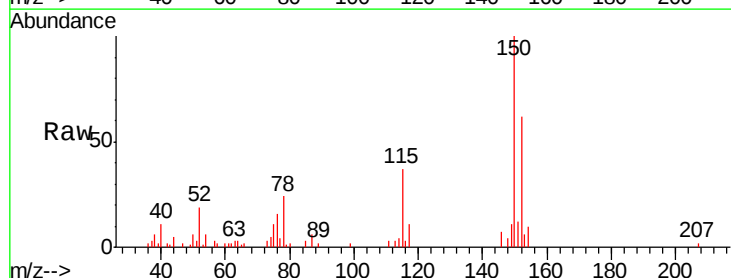
Tgt Ion: 146 Resp: 1688

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

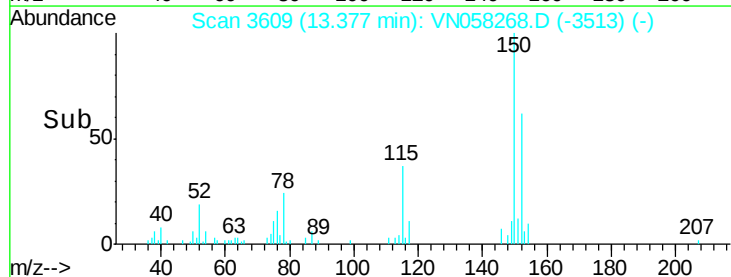
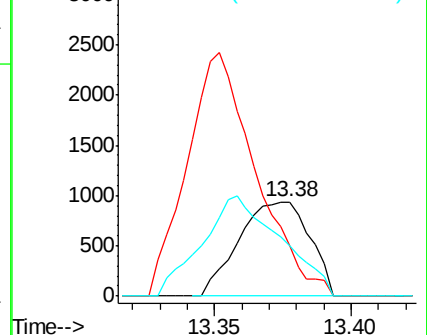
148 0.0 31.9 95.5#

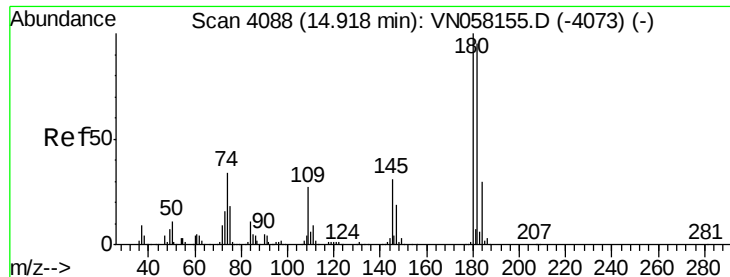


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

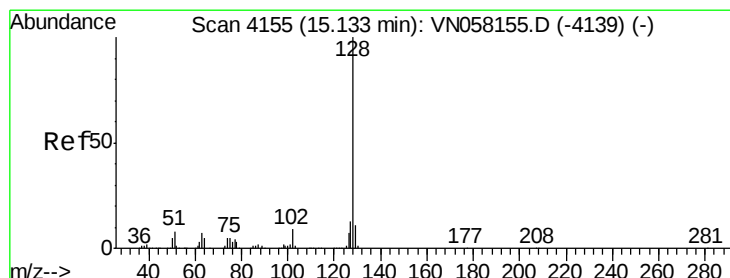
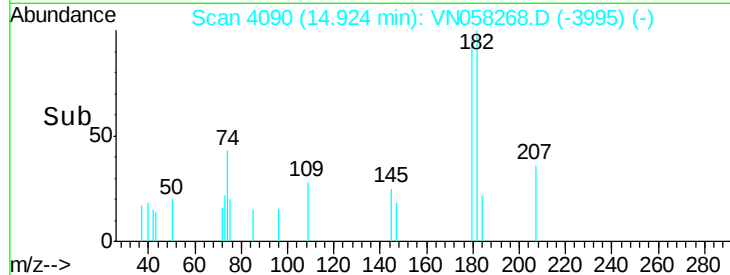
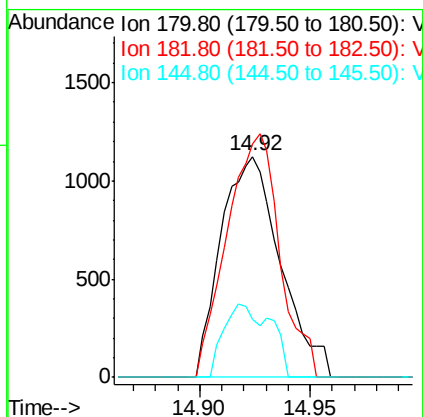
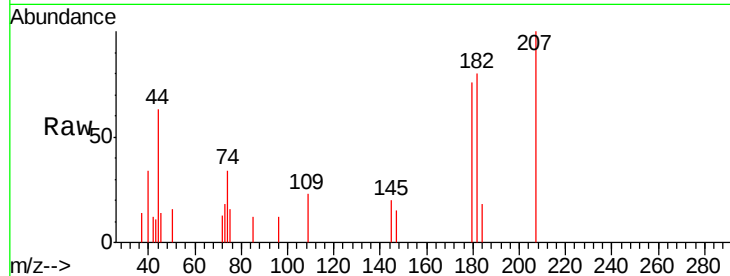




#93
 1,2,4-Trichlorobenzene
 Concen: 0.428 ug/l
 RT: 14.92 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

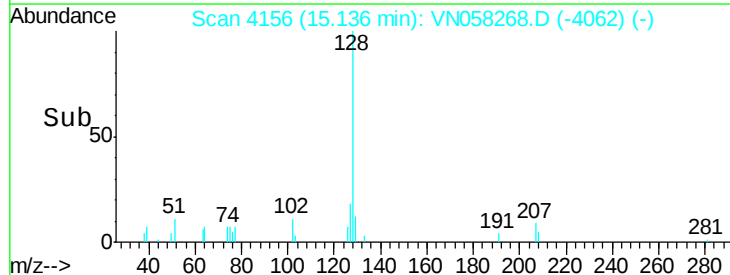
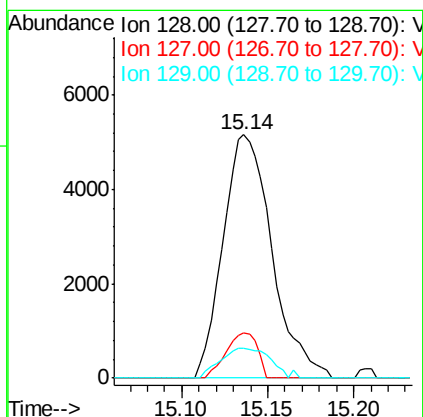
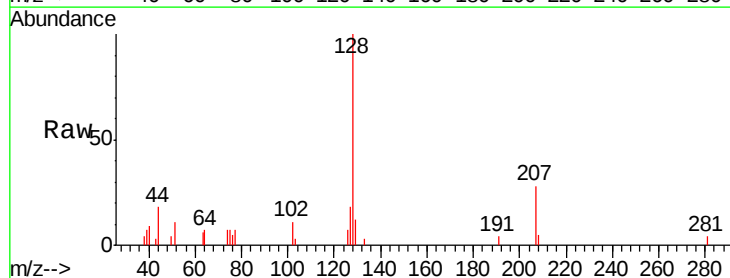
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

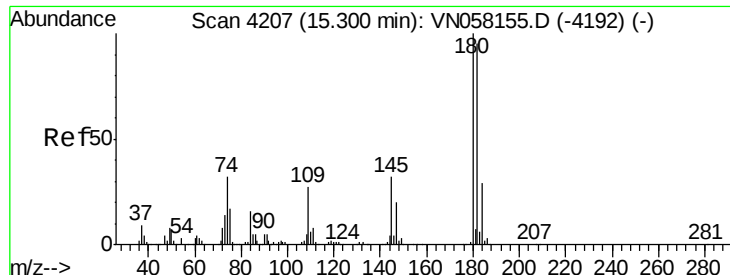
Tgt Ion:180 Resp: 2099
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.8 143.3
 145 26.0 15.4 46.4



#95
 Naphthalene
 Concen: 0.802 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Tgt Ion:128 Resp: 10187
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.2 15.2
 129 12.5 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.550 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058268.D
 Acq: 20 Sep 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20190917

Tgt Ion	Ratio	Lower	Upper
180	100		
182	84.3	47.4	142.2
145	35.9	16.1	48.2

